

THE LIBRARY

MONA

Year ending July 31, 2004



Stephney Ferguson, JP, OD, BA *UWI*, MLS *Indiana*
– University Librarian

Overview

Efforts were concentrated on consolidating gains made during the previous years while moving ahead with programmes designed to improve access to information resources for clients, provide essential information support to the campus community and motivate staff to higher levels of service and productivity. This was attempted in the context of a drastic budget reduction in the face of the increasing cost of books, journal subscriptions, commercial databases and other electronic resources. Developments and achievements included in this report reflect a year of hard work by staff motivated by commitment to the goals of the Library as enunciated in the strategic plan of 2002-2007, despite the financial challenges faced.

Highlights include the following:-

- Revision of the library's Web page and the development of a library portal for improved access to information resources
- Providing access to Electronic Data Bases for Distance Students
- Growth of the Electronic Reserve Collection
- Providing information support through exhibitions and displays for members of the University Community
- Centralization of all cataloguing and retrospective activities within one Section
- Inauguration of the Library's Staff Awards Ceremony

CLIENT SERVICES

Services to clients are offered through the public service areas of the Campus Library System in the Science and Medical Branches as well as in

the Periodicals, Government Serials & U.N. Collection, The West Indies and Special Collections, World Bank, PIC, and The Loans and Reference Section of the Main library which comprise the Circulations Desk, the Reserve Book Collection, The Reference and Help Desks, Mona Electronic Reference and Information Centre (MERIC), Mona Information Literacy Unit (MILU), Visually Impaired Students Technology Assisted Services (VISTAS).

Circulation of Material

In the Main Library circulation of material from both the Reserved Book Collection and the Open Shelf Collection increased. Loans recorded throughout the system totaled 272,536, reflecting an increase of 8.25% over that recorded in 2002/03. Increases in library usage as reflected by loan statistics were also recorded in all public service areas as reflected by the chart and tables below.

Figure 1. Campus Library Comparative Loans 2002/2003 & 2003/2004

Table 1. Percentage Loan Increases 2004

Location	2002/2003	2003/2004	Percentage increase in materials loaned	
Periodicals	6050	6434	384	634.00%
Govt. Serials	1383	1384	1	
U.N.	405	456	51	12.59
WI & SC	14682	17846	3164	21.55
Main Lib Open Shelf	68241	76325	8084	11.84
Main Library RBC	119862	124005	4143	3.45
Science	31068	35000	3932	12.65
Medical	10069	10636	567	5.63

Reserve Book Collections

There was a significant increase in the demand for material from the Reserve Book collections due to the increase in the student intake. This demand was easily satisfied in the branches, but access to photocopies in the Main Library posed challenges. Material returned could not be re-shelved fast enough to ensure speedy retrieval for re-loan and space constraints militated against increasing the collection. As a result the Electronic Reserve Collection was expanded by digitizing photocopied items in great demand. This was done within the provisions of national and international copyright conventions and having regard to accepted practice in the development of electronic reserve collections for easier and wider access by students.

Reference Service

Reference services were offered and well used at all public service points despite staffing challenges. In the Science Branch the installation of a telephone at the Reference Inquiries Desk significantly enhanced the speedy response to telephone queries.

The West Indies and Special Collections staff, assisted many overseas scholars and researchers who visited from as far away as Japan. In the Main Library the pressure of work at the Reference Desk was alleviated somewhat by the Help Desk operated by specially trained graduate student assistants who provided directional assistance, and dealt with simple queries including those relating to the use of the OPAC.

Work was started on the development of a database of Frequently Asked Questions (FAQ) to speed up responses to such queries.

Mona Electronic Reference & Information Centre. (MERIC)

The MERIC operations in the main library and its Branches continued to be well used, providing access by students, faculty and other researchers.

Staff and specially trained Student Assistants assisted students with On-line searches, use of the Microsoft software products, access to Campus Pipeline and, with location of information from printed reference resources.

The MERIC work stations at all three service points were upgraded. This significantly enhanced the operations through speedier downloads much to the satisfaction of students. The growing demand for work stations equipped with word processing software is a challenge in MERIC which was designed primarily as a reference facility to provide access to electronic resources and points to the need for more computer laboratories to serve the student population. During the year the Hopwood Centre in the Medical Library, which was incorporated in that library's MERIC operations, was handed over to the Medical Sciences Faculty.

Mona Information Literacy Unit (MILU)

This Unit, although coordinated by a Librarian assisted by a Clerical Assistant, delivers its services by drawing on the public services librarians and other staff within the Campus Library System. Training sessions were conducted for the expanding group of trainers and a number of Library Assistants and Clerical Assistants were thus equipped to assist with OPAC Training and orientation tours.

Campus Pipeline was used to great advantage in promoting MILU's activities and services to students and academic staff. The positive responses resulted in greatly increased demand for IL training which has placed a strain on the limited staff and facilities, particularly when large groups like UC120 and FD10A are involved.

Newly introduced Faculty Evaluation Forms gave positive feedback about content of sessions as well as teaching styles. In addition 90% of students who completed evaluation forms for FD10A during Semesters 1 and 2, found the sessions useful, informative, interesting, and the presenters stimulating and knowledgeable.

In the Medical Library activities included the following:-

- Presentation on Medical Library at Student Orientation and General orientation sessions for new students
- Two hour sessions to two groups in the Advanced Nursing Programme and three groups in the Master in Public Health Programme

In the Science Library an important development was the assignment of an Information Literacy Librarian specifically to serve the clients of the Faculty of Pure and Applied Sciences, and this was heartily welcomed. In addition to the delivery of Information Literacy modules in the FD 10A and UC 120 courses, staff delivered courses which included library-based electronic resources and citation styles to undergraduate and post-graduate students in the Chemistry, Physics, Life Sciences and the Computer and Mathematics Departments, as well as to post graduate students registered in Natural Resources Management and Water Resources Management Programmes offered by the Department of Geography and Geology.

In the Main Library over 500 sessions (tours, subject-oriented sessions, and foundation-course modules as well as open courses) were offered:-

The sessions, totaling approximately 576 hours, were delivered to over 13,794 users from the Departments of History, Literatures in English, CARIMAC, Economics, Management Studies, Sociology and Social Work, and Government.

Service to Students with Special Needs

Students with special needs comprise those registered in Distance Education Programmes as well as students who are physically or visually challenged.

The Library continued to actively support two groups of distance learners.

- Students in the University Centres in the northern Caribbean, as well as those from the 10 intra-Jamaica UWIDEC sites enrolled in the Social Sciences and Education programmes delivered through UWIDEC
- Students registered in the B.Ed Secondary (Distance) Programme that came on stream in January 2003.

The Library's commitment to providing distance learners with quality service similar to that available to on-campus students was pursued

zealously; and during the period the service was enhanced by the addition of information literacy training and access to data bases.

One OPAC station on the ground floor was adjusted to facilitate use by physically challenged students, and in the absence of elevators, material required by such students were fetched by staff.

VISTAS

Visually Impaired Students Technology Assisted Services is the section of the library that provides a quiet area where the visually impaired students can use JAWS (Job Access With Speech software) or the Kurzweil Reader, and also meet with human readers. This facility was also used as an examination center in Semester 2. VISTAS has proved to be especially useful as the area remains open until 10.00pm, whereas the services in Centre for Students with Special Needs closes at 7:00 pm.

INTERLIBRARY LOAN

Interlibrary loan continues to be one means of providing access to items that the Library does not own. The use of ARIEL software has dramatically speeded up the delivery of material requested through interlibrary loans in the Medical and Science Branches. In the Main Library where ARIEL has not been effective, the use of a local company that provides a US address for delivery of packages and the OCLC Interlibrary loan module have resulted in some improvements to the extent that 90% of the requests made are now satisfied within three weeks. This is still far from satisfactory, however, and it is hoped to introduce procedures and systems that will result in further improvements.

Exhibitions

Exhibitions continued to be an important aspect of the Library's community outreach programme used to highlight sections of the collection, mark important regional, national and university events, and provide facilities for members of the University community to publicise their activities. Altogether thirty-nine exhibitions were mounted in the Main Library's catalogue hall, in the link way to the Elsa Goveia Reading Room of the West Indies and Special Collections Section, as well as in the Medical and Science Branches. Recognizing that students tend to frequent only the Library that serves their faculties, efforts were made to circulate some of the exhibits to all three Libraries.

Notable among the exhibitions mounted by the library were the following-
:

- **Haitian Bi-Centenary**
- **Exhibition in honour of Professor Rex Nettleford for Commemoration Week “From Bunkers Hill to the Vice Chancellory, UWI”**
- **Culture, Politics, Race and Diaspora: the Thought of Stuart Hall”**

Collection Development and Management

Liaison Librarians continued to play an important role in the collection development process, and contributing to the acquisition of new general and reference material in many disciplines. Despite these efforts, collection development was severely affected by financial challenges, and the Library was forced to cut its budget by fifty-nine million dollars. This severely affected the acquisition of all types of information resources, particular electronic databases and journals, subscription to print journals and purchase of books. The following table shows the effect of the budget reduction on material acquired during the period.

Table 2 Summary of Print Material Accessioned 1999 – 2004

Year	1999/2000	2000/2001	2001/2002	2002/2003	2003/2004
Titles	2,769	3,745	4,826	5,486	4,546
Volumes	4,703	6,494	8,197	8,130	6,858

The reduction heavily affected the Humanities and Social Sciences disciplines, while the Medical and Pure and Applied Sciences disciplines recorded minimal increases. In keeping with the Library’s five-year development plan to diversify the format of the material acquired, a fair number of non-print material was added but table 3 below shows that increases were recorded only in the CD ROM format.

Table 3. Non-Print Material Acquired

	2002/2003	2003/2004
CD ROMS	174	208
Video Cassettes	172	114
Audio Cassettes	108	65
Diskettes	11	18

Gifts

The Library continued to receive large quantities of gifts. This required a huge investment of time and effort in sorting through these books and journals to identify titles suitable for addition to the collection at Mona as well as in re-routing other titles to appropriate Libraries. Some notable donors include The UWI Alumni, Washington Chapter. The books were transported by Air Jamaica and a handing over ceremony was held. Other donors include Miss Violet Bailey of the New York Public Library, UWI HARP Programme, the widower of the late Dr. Dorian Powell, a former lecturer in Sociology, and Professor Evelyn Higginbotham of Harvard University. The following gifts were also received:

- Photographs and other documents from St. Augustine featuring former Vice Chancellor, Hon. A. Z. Preston donated by Prof. Sir Roy Augier
- Donation of a manuscript collection including poems and letters by Professor Alan McLeod of Rider University. This included correspondence between himself and Professor John Figueroa from 1980 to 1993.
- Donation by Mrs. Grace Hill, Errol Hill's widow, of Errol Hill memorabilia including tributes, reflections, interview, funeral programme and photographs, as well as his recently published book "A History of African American Theatre".
- Dr. Erna Brodber deposited material used for her Doctoral Dissertation including 7 microfilm reels acquired by the Department of History and 5 MG Smith Typescripts on Grenada and Carriacou.

Table 4 below provides a summary of the books and pamphlets acquired

Table 4. Gift Books and Pamphlets Aquired

BOOKS		PAMPHLETS	
Total New Titles	Total Volumes Titles	Total New Titles	Total Volumes
1,429	2,435	387	529

Exchanges

A number of exchange arrangements were terminated. A total of 1,082 copies of West Indian Journals were purchased to fill the requirements of exchange partners – a reduction of 440 below the figure purchased last year. A database of Exchange Journals has been created to assist in the rationalization process.

Serials Acquisition and Management

The ever-increasing cost of journals coupled with the continued devaluation of the Jamaican dollar and a mandatory budget cut pursued by the University, necessitated a reduction in journal subscriptions which accounts for a significant percentage of the Library's material budget. The exercise to identify titles for cancellation was carried out in consultation with faculty members and 176 journal titles were discontinued, yielding savings of approximately US\$38,000.

Late arrival and non-arrival of hundreds of journal issues/volumes sparked a comprehensive periodicals 'claims' project in the Science Branch.

On-Line Electronic Resources

The Library spent approximately US\$95,000 on subscriptions to online databases, US\$5,000 less than the previous year. The budget cut necessitated cancellation of subscription to Cambridge Scientific Abstracts as the usage statistics did not justify the cost. Access to data bases in the Faculties of Medical Sciences, Social Sciences and Humanities/ Education were maintained, as these were well used across the Campus. Unfortunately due to the high cost of databases in the Science and Technical areas, the Faculty of Pure and Applied Sciences is very poorly served.

CATALOGUING

An idea that had been mooted some two decades ago became a reality with the transfer of serials cataloguing, processing and retrospective conversion to the Cataloguing Section in March 2004, thus removing this function from the four Public Services areas. In June, cataloguing and processing of the monographic collection of the Government Serials/United Nations Section was also transferred. Though only a small step towards restructuring, it does ensure that technical services tasks are

no longer performed in public services areas, and allows for greater concentration on reference and information literacy in the public service areas.

Statistics show that 197,789 bibliographical records are presently on the OPAC, up from 185,974 at the end of July 2003, and data entry for 1,279 bibliographic records was completed compared to 190 in 2002-2003. The following were catalogued and processed-:

- 7,230 volumes of monographs
- 129 audiovisual titles
- 21 web-sites
- 842 photocopied articles

In addition, item records for approximately 2,000 photocopies were removed because of withdrawal due to limited use, and as part of the digitization project, approximately 512 digital copies were enhanced with the Electronic Location and Access Field (856) in order to be made accessible on the web.

Table 5. MATERIAL CATALOGUED AND PROCESSED, 2003-2004

SECTIONS	Books	Pamphlets	Theses	CORC	A/V	Video	CD Rom	Total
MEDICAL	441	44	17	—	1	2	12	517
WI&SC	723	26	163	—	1	15	21	947
SCIENCE	875	25	—	—	—	—	3	903
MAIN	4066	115	—	21	1	42	31	4276
WBCPIC 373	—	—	—	—	—	—	—	373
UN	67	—	—	—	—	—	—	67
RECAT/CL	145	—	—	—	—	—	—	145
TOTAL	6690	210	180	21	3	59	67	7230

WBCPIC = World Bank Caribbean Public Information Centre.

RECAT/CL= Recataloguing/Reclassification

UN = United Nations

The above table shows the number and type of material catalogued and processed by location.

Retrospective Records Conversion

This year, the emphasis was on the editing of existing records and creating item records for material already added to the OPAC. In addition, the difficult task of converting West Indian pamphlets was continued.

As was expected, many of these were not on OCLC WorldCat so data entry was required. With staff/student efforts, 1,279 titles were input on the OPAC up from 190 inputs in 2002-2003. Work continued simultaneously with “on the fly” conversion of the circulating material, and 4,167 item records were created for these. In March 2004, the Section also began the bar coding and conversion of the Science open shelf collection. So far 17,154 items have been created for open shelf material in the Science Library and this is being done very cost effectively by using the services of a retired staff member.

In the Periodicals Cataloguing Unit the following was accomplished:-

- 736 Course/lecturer evaluations were catalogued and holdings added.
- 128 non-original and 19 original titles were catalogued and holdings added.
- The unit corrected errors and resolved many conflicts, particularly with the Medical Library records.
- Preparatory work was completed on the Science Library shelf-list. This will facilitate the next major task, which is to add holdings to those Science Library records already on the OPAC.

SYSTEMS

Closer cooperation with Mona Information Technology Service (MITS) was achieved as the Section pursued its mandate to provide technical and software support to the Library. Advancement in the process of the acquisition of the new integrated library system was achieved and Requests For Proposals (RFP) were sent out in March 2004. The evaluation procedures are expected to be completed early in the new academic year.

Migration to UWI-MONA domain was commenced and the process will continue until all the library’s workstations are part of this campus-wide domain. Thirty-Eight Dell GX 270 workstations acquired in January 2004 were used to replace the original machines installed in 1999 in MERIC (Main Library). Four were allocated to Academic Staff Room and two to the Audiovisual Room. There is an urgent need for a minimum of 50 new workstations to replace existing outdated ones and to provide additional services. Many workstations, particularly the OPACS, are still running

Windows NT as, due to memory constraints cannot be run Windows 2000.

Library Web Site

The Library's new web site conforming to the UWI templates was rolled out in December 2003. Visiting Fulbright Senior Specialist Dr. Richard Halapin spent six weeks with the Mona Campus Library System assisting with further revision and development of the Library's Web portal.

Reprography

The Reprographic Services Unit continue to provide valuable support services in preservation microfilming as well as photocopying services to clients. The income generating potential of this unit is being exploited.

Bindery

Productivity level in the Bindery continues to be a source of concern. However, steps have been taken to obtain the services of a consultant, Professor John Dean, Director, Department of Preservation and Collection Maintenance a Cornell University is scheduled to spend six weeks at Mona in February 2005, to advise on the re-organization of the Bindery.

SPECIAL PROJECTS

MEDCARIB

New software for data-entry for MEDCARIB has been installed and bibliographic data is now entered using Windows. In preparation for linking MEDCARIB citations to full-text articles, 30 items already listed in MEDCARIB have been identified from various full-text sources. This process is continuing and when completed will enhance the MEDCARIB database, providing not only bibliographic citations but full text of articles.

Virtual Health Library (VHL) Jamaica Project

A VHL Jamaica website has been developed but technical problems are yet to be solved before the site can become fully functional as a national VHL website. Work is continuing on this and the Library has collected full-text material available on the Internet on Chronic Diseases and Sickle

Cell Disease as its contribution to the VHL Health Information Locator Module.

CARDIN

The CARDIN project funded by European Community Humanitarian Aid Office (ECHO) came to an end during the year. The Project has been fully integrated into the Science Library's operations and will be continued on a smaller scale.

EDT (Electronic Dissertations and Theses) Project

ETD Project has been approved by the Campus Principal, and the UWI Board for Graduate Studies & Research has indicated interest in the project. 'DSpace' (www.dspace.org), an institutional repository software that is available free, is being installed to process ETDs, and it is expected that some theses already accepted by UWI, Mona in digital format will be processed for UWI, Mona ETD database early in the new academic year.

STAFFING

Inauguration of Library Staff Award

The Library held its first awards ceremony on March 22, 2004 in its Multifunctional Room. Awards were made to the following-;

- The Customer Service Group, led by Ms. Sandra Stubbs, received **Team Excellence Award** for achieving quality improvement to systems, processes and services.
- Mr. Anthony Bushay received the **Bold Idea Award** for contributing an idea that has generated income for the Library while at the same time improving services.
- The Administrative Support Group- Staff Development Committee, led by Mrs. Karlene Robinson received the **Campus Librarian's Special Team Excellence Award 2003** for conceptualizing and implementing the staff awards.
- The Research for Development Core Group, led by Mrs. Leona Bobb-Semple and Mrs. Amenu-Kpodo received **Campus Librarian's Special Team Excellence Award 2003** for untiring efforts and outstanding teamwork in documenting, editing and publishing Research for Development Vol. 2: A Bibliography of Staff Publications 1998-2002.

Vice Chancellor's Award for Excellence 2003/2004

Miss Stephney Ferguson, Campus Librarian was a recipient of the Vice Chancellor's Award for Excellence 2003, in the category Service to the University and Contribution to Public Service. She demitted office as University Librarian on the 31st July 2004.

RESEARCH IN PROGRESS

Gracelyn Cassell

- “Annotated Bibliography of Haiti:1990-2004” (with Rosemarie Runcie and Tereza Richards).
- Lamming Bibliography (with Frances Salmon)

Cheryl Kean (and Karlene Robinson)

- Access to HIV AIDS Information n Jamaica: Status Issues and Problems:

Tereza Richards

- Annotated Bibliography of Haiti: 1990-2004 (with Gracelyn Cassell, Rosemarie Runcie)
- Knowledge, Attitude and Practice in the Use of Multiple Choice Questions (MCQs) in Teaching and Examining Students at the University of the West Indies Mona Campus

Rosemarie Runcie

- Annotated Bibliography of Haiti: 1990 - 2004 (with Gracelyn Cassells, and Tereza Richards)

Frances Salmon

- Lamming Bibliography (with Gracelyn Cassell)

Sandra Stubbs

- Students Knowledge and Use of Electronic Journal Resources at the Main Library, University of the West Indies, Mona: A Case Study of Students in the Faculty of Humanities and Education.

PAPERS PRESENTED

Swarna Bandara

- “Global Trends in Communication of Scientific Information: Opportunities & Challenges for the Caribbean” Association of Caribbean University Research and Institutional Libraries (ACURIL), May 2004. 13 pages.

Gracelyn Cassell

- “Hurricanes and Volcanoes (Montserrat)” Pre-Conference Workshop on Mitigating the Consequence of Natural Disasters for Caribbean Libraries and Archives. Association of Caribbean University Research and Institutional Libraries (ACURIL), May 2004. 10 pages

Myrna Douglas

- (with Tameca Thelwell) “Making Sense of the Electronic Resources Maven: A Tale of Two Caribbean Academic Librarians.” ACURIL XXXIV Annual Conference, Port-of-Spain, Trinidad and Tobago, May 25, 2004. Working Paper Series B.5. 15 pages.

Paulette Kerr

- “Wholly and Profane: the 19th century Jamaican Lodging House as Urban Community Centre.” Text and Collective Conference: City Life in Caribbean History: Celebrating Bridgetown. Dec 11-13, 2003. Bridgetown, Barbados. 16 pages.
- “Library and Information Association of Jamaica: Connecting a Diverse Profession for Focussed National Impact.” American Library Association Annual Conference, Orlando, Florida. June 24-30, 2004. 10 pages.

Beverley Lashley

- “The Implementation of a Cooperative Plan: Disaster Planning in the Caribbean.” ACURIL/IFLA PAC pre-conference on Mitigation the Consequence of Natural Disasters for Caribbean Libraries and Archives. Association of Caribbean University, Research and Institutional Libraries (ACURIL), May 2004. 6 pages.
- “A perspective on Disaster Information Networking in Latin America and the Caribbean” Global Disaster Information

Network (GDIN) Conference 2004, Hilton Hotel, Washington, D.C., March 26-29, 2004. 6 pages.

- “From Conception to Reality: The Impact of the Caribbean Disaster Information Network” 6th International Congress on Disaster, Cuba Hotel Palco, Cuba. Nov 25-28, 2003. 6 pages.
- “Disaster Planning in the Caribbean: The Implementation of a Cooperative Model”. 2nd International Conference on Preservation of Archives in Tropical Climates, Curacao. Nov 18-21, 2003. 6 pages.

Tameca Thelwell

- (with Myrna Douglas) “Making Sense of the Electronic Resources Maven: A Tale of Two Caribbean Academic Librarians.” ACURIL XXXIV Annual Conference, Port-of-Spain, Trinidad and Tobago, May 25, 2004. Working Paper Series B.5. 15 pages.

PUBLICATIONS

Refereed

Enid Brown

- * “Electronic Reserves in the Main Library of the University of the West Indies, Mona Campus: The Digitization of the Reserved Book Collection Materials.” *Library and Information Association of Jamaica Bulletin* (2003-2004): 21-5.

Beverley Lashley

- * “Cooperative Disaster Planning: A Model”. *International Preservation News*. 30 (2003)
- * “Are Jamaican Librarians Creating Competitive Advantage” (with Mardene Carr) *Competitive Intelligence Magazine* 6.6. Nov – Dec (2003): 54-55.

Dunstan Newman

- * “Accountability in the Public sector: A Comparative Analysis of Human Resource Management Functions of an Executive agency Vs. a Ministry.” *Caribbean Journal of Public Sector*

Management, Management Institute for National Development,
November 2003).

Booklet

Beverley Lashley

- “Pioneers in Caribbean Disaster Information Management” Erin MacLeod and Beverley Lashley. Jamaica: *CARDIN*, 2003.

PUBLIC SERVICE

Norma Amenu-Kpodo

- Executive Secretary, Commonwealth Library Association
- Executive Member, Library and Information Association of Jamaica (LIAJA)
- Executive Member, Management of Library Associations Section of International Federation of Library Associations
- Member, IFLA Management of Library Associations Sections
- Member, IFLA National Association Membership Fees Working Group
- Member, University Council of Jamaica Assessment Team
- Member, UNESCO National Commission for Jamaica, Committee on Information for All

Swarna Bandara

- Member of a four member team to prepare a proposal for establishing Journal Editors Association for UWI under the leadership of Prof. Neville Duncan
- National Coordinator, Virtual Health Library Jamaica Project
- Coordinator, MEDCARIB Project

Gracelyn Cassell

- Member, Organizing Committee, Commemoration and Alumni Celebrations 2004
- Member, UWI Haiti Bi-Centenary Celebration Committee
- Library Representative, WIGUT Executive

Stephney Ferguson

- Justice of the Peace
- Vice Chairman, National Book Development Council of Jamaica
- Chair and Chief Judge, Book Industry Association of Jamaica – National Publishing Awards Committee, 1999
- Member, Soroptimist International (Kingston)

Beverley Lashley

- Chairperson, LIAJA, Fund Raising Working Party January 2004 – January 2005
- Member, LIAJA, Education and Training Working Party January 2004 – January 2005

Ouida Lewis

- Library Representative, UWI, Mona Committee for Students with Disabilities
- Chairperson, Research and Publications Working Party, Library and Information Association of Jamaica

Evadne McLean

- Member, LIAJA's Research and Publication Working Party.

Dunstan Newman

- Executive Member, Inter-Campus Games, UWI, Mona

Karlene Robinson

- Library's Representative, West Indies Group of University Teachers (WIGUT) Jamaica
- Assistant Chief Examiner, Caribbean School's Examination (CSEC) in Principles of Business

Frances Salmon

- External Examiner, Associate Degree in Library Technical Education at the Excelsior Community College
- Member, Collection Development Committee of the National Library of Jamaica as well as advisor to its Jamaica National Bibliography Sub Committee.

- Member, UWI Haiti Bicentenary Celebration Committee

Joan Vacianna

- Secretary, Jamaican Historical Society

**FACULTY OF HUMANITIES
AND
EDUCATION
MONA**

Year ending July 31, 2004



**Professor Aggrey Brown, CD, BA *Hamline*, MA, PhD *Princeton*
– Dean**

Dean's Overview

Introduction

The major challenge of the year for the Faculty was working with a significantly reduced budget yet maintaining the same high standards with an increased intake of students. That at the end of the year we could look back with some satisfaction at our achievements is due in no small measure to the collective commitment of members of all levels of staff to the goals and aspirations of the Faculty. Those goals and aspirations are set annually at the annual Heads of Department Retreat which, for the 2003/04 academic year was held between May 15th and 17th.

A crucial activity in our academic calendar, the annual retreat provides an opportunity for intense critical introspection on the work of departments within the Faculty and the sharing of common concerns among Heads of Department. Using the campus' strategic plan and the Campus-commissioned Hamilton Report as context, the retreat also provided the opportunity for planned coherence in our curriculum review efforts; the rational deployment of staff; as well as realistic programme planning and goal setting for the year under review.

Response to and repercussions of the Budgetary Crisis

The Faculty was mandated to contribute \$28 million from its budget towards covering the shortfall for the academic year in light of the freezing of UGC funding for the Campus at the previous year's level. This essentially meant cutting the Faculty's budget by \$28 million. The target was achieved by applying the following principles across departments:

1. No staff redundancies if at all possible

2. Elimination and/or merging of classes with fewer than 20 students
3. Filling vacancies at the lowest feasible academic level

As a result of scrupulous application of these principles, the target was not only achieved but also surpassed inadvertently. Our calculations had only considered salaries exclusively and excluded perquisites and other statutory imperatives. The Faculty therefore operated on a budget that was actually \$43 million less than had been originally planned. And unfortunately, in a single instance, it was recommended that one post in the department of Modern Languages (French) be made redundant.

There remains however, a recognized and palpable concern with the implications of the strategy to fill vacancies at the lowest possible academic level. Among the most serious of these is the increased work load of senior members of staff especially in the area of post graduate teaching and research particularly in light of the strategic objective of developing a campus driven by research. It would be surprising if, as a result, the time line for achieving this strategic goal will not be affected. We also recognize the importance of the need for mentoring junior members of staff whose numbers will increase as the number of senior faculty simultaneously decreases.

While the budgetary crisis did provide opportunity for revisiting some of our practices, thereby sharpening our operations, we were also aware of some of its other negative implications. Our demonstrable commitment to being more student centered for example, is diminished by the forced reduction of spending on infrastructural maintenance and development. Increased intake of students at the start of the year saw no commensurate increase in the physical facilities of the Faculty. As a direct consequence, the tutorial system that has been a traditional and pivotal aspect of our pedagogy is now being threatened. The size of tutorials has outgrown the physical space of staff offices in which traditionally, tutorials have been held. Classroom space, already limited by the more varied course offerings available to our students, cannot be found to accommodate tutorials. While ultimately, political imperatives may speak to the need for increasing student intake, the reality on the ground suggests that without the necessary infrastructural supports, doing more with less is likely to be self-defeating.

On the positive side, the initiative taken in the previous year to have Faculty offices in the New Arts Block fully internet ready, came to fruition during the year. This is an important development since the Faculty will increasingly have to rely on ICTs to conduct its business and deliver many of its services in its attempts to deal with the apparent permanence of diminished financial resources. In this connection, in the latter part of the academic year the Faculty was the first on the campus to move to a paperless form of Faculty Board meetings. Minutes are circulated on-line to Board members and at Board meetings projected on-screen in the conduct of business. Actual savings associated with copying numerous documents should begin to be reflected in the new academic year when the system becomes routinised.

The externally funded B.Ed distance programme also moved into newly constructed offices to the south of the campus library. This freed up much needed space within the education wing of the Faculty to be used for other purposes. Also, as a result of a generous gift from the government of the Peoples' Republic of China, the Faculty's income-generating Language Laboratory was extended by thirty new work stations. This required some renovations to the building which also allowed for long overdue general maintenance, thereby providing a more welcoming and comfortable ambience for the lab's varied clients.

These positives notwithstanding, we remain deeply concerned with the general deterioration of the Faculty's physical facilities occasioned by budget reductions. We are convinced that there is a strong positive correlation between the physical environment within which we operate and achieved levels of social and intellectual well-being. Therefore, while in the short run it may be expedient to reduce, if not eliminate spending on building and infrastructural maintenance, our view is that ultimately this is an inappropriate response to the campus' budgetary and financial crisis.

Academic Programmes: Response to Strategic Challenges Facing the Campus

The Faculty's commitment to teaching and research requires continuous review of curricula across all departments. Our relevance in the competitive environment within which we operate, requires that our offerings remain appealing and academically challenging for

our students. That our undergraduate students in particular concur with this assessment, is reflected in the outstanding course evaluations achieved by a large majority of both full time and part time teaching staff. Over 90% of teaching staff achieved mean scores of 4 or better from students' evaluation of lecturers in the year under review. A target of 4.5 had been set at the Faculty retreat with over 50% achieving it. Noticeably, in a majority of instances, overall course evaluations tended to fall below the assessments for teaching. And invariably, the factors affecting negative overall course evaluations were beyond the control of the lecturers concerned. Difficulty in accessing course materials in the main library; the high cost of textbooks; and tight physical space were some of the negative factors influencing students' evaluations of courses.

In spite of the budgetary and other resource challenges faced by the Faculty, a number of noteworthy new initiatives were undertaken by various departments. Foremost among these was **CARIMAC's** new self financed MA in *Communication and Behaviour Change* which started in semester two of the academic year. The need for the programme which came out of the Institute's various activities including collaboration with UWIHARP on the HIV/AIDS pandemic, was quickly realized from the overwhelming number of applications for admission received by **CARIMAC** following the programme's announcement. This initiative by **CARIMAC** was also demonstrative of and consistent with Faculty policy which requires that **all** new Masters programmes be entirely self-financing.

Another major development was the funding of the Jamaican Language Unit – an initiative of Prof Hubert Devonish and the Language, Linguistics and Philosophy department. The Unit, funded by the Principal, has already begun collaborative work with the Jamaican Ministry of Education Youth and Culture on developing language policy for application in schools across the island. It is undertaking a four-year project on bilingual education in a select number of schools which "...aims to demonstrate how the bilingual ideal could be practically achieved in a context such as that of Jamaica, with all the problems surrounding attitudes and the absence, until now, of a publicly used writing system for Jamaican."

The GOJ-funded B.Ed. distance programme which seeks to upgrade academically some 300 teachers island-wide annually, also had its first full year of operation although stymied by the failure of eligible

candidates to take up all the available spaces. The programme, funded for a ten year period, also attempts to utilize the latest ICTs in its delivery without reinventing the wheel. Within the Faculty, the School of Education leads the way in the use of ICTs, with almost a quarter of its Masters students doing their degrees through an on-line programme.

With funding from the Inter-American Development Bank (IDB) the School of Education also developed and brought to the point of implementation an M.Ed. in Leadership in Early Childhood Education. This is a planned activity in keeping with the Campus' and Faculty's strategic emphasis on post graduate teaching and research. In this particular instance the degree also complements the Faculty's association with Shortwood Teacher's College which delivers the undergraduate degree programme in Early Childhood Education.

Also consonant with meeting the competitive challenges of other tertiary institutions as identified by the **Wint Report**, the Faculty continued discussions with the Mico College and Moneague Teachers College with a view to harmonizing and coordinating collaboration with them in areas of mutual concern. The ultimate objective is to be able to redeploy the Faculty's resources to achieve the strategic objective of becoming more research driven by, among other things, increasing intake of post-graduate students. In the first instance Primary Education and Literacy education have been targeted as areas of collaboration with both institutions respectively.

Taking seriously the strategic objective of being research driven, the Faculty also moved to integrate administratively its graduate studies programmes in response to the expressed needs of graduate students who, over the years have felt a sense of alienation. The fact is that, unlike undergraduates, graduate students have had no dedicated physical space that allows them to feel at home within the Faculty. The decision was therefore taken to create an appropriate administrative structure as well as such a space for our graduate students. While a location has been identified, some renovations and physical expansion will have to be undertaken. In spite of the budgetary crisis, this item is being treated with the highest priority so that by the start of the 2005/06 academic year graduate students will have their own facilities within the Faculty.

This effort to create a home for our graduate students raises the issue of the disjuncture between our strategic aspirations and our capacity – financial and otherwise – to realize those objectives. Implementing a process of strategic repositioning of the Mona campus within the competitive Jamaican environment will require the kind of financial investments in physical and other infrastructural supports that the present financial climate does not seem capable of supporting. We therefore recommend that the Wint Committee strategic recommendations be prioritized in keeping with present and foreseeable financial constraints.

Research and Publications

Ten (10) books were published by members of the Faculty with five of these coming from the department of History and Archaeology; three from the department of Educational Studies/School of Education and two from the department of Literatures in English. A significant number of refereed and non-refereed journal articles was also published during the year emanating from all departments of the Faculty. However, there is room for improvement as a small number of Faculty makes little contribution in this regard. These few are encouraged by their department Heads to develop research and publication agendas that will have a positive impact on their potential for upward mobility in the academy. It is now well established within the Faculty that its Advisory Committee on Assessment and Promotions takes very seriously the overall productivity of members when making its recommendations for contract renewals and promotions.

The Faculty also introduced a widely publicized set of criteria that were used for the first time by all departments to select candidates for Research Day Awards. Unlike other Faculties in which multiple awards are made, the Faculty took the position that only one award should be made in each Award category. It is our view that this approach enhances the value and integrity of the Research Day Awards and we strongly recommend that it be adopted Campus-wide.

Professor Maureen Warner Lewis won the award for “Outstanding Publication (Books)” for her book *Central Africa in the Caribbean: Transcending Time, Transforming Cultures*. She also won the award for

“Outstanding Researcher”. This was a coincidental but fitting tribute to her since she also retired at the end of the academic year.

The “Outstanding Research Project” award went to Ms. Yvette Rowe, television lecturer at CARIMAC for her ten-part television series for youth entitled *Yow!* Commissioned and funded by the Futures Group of Washington DC, the series was so successful that a new series was also commissioned by the funding agency.

The award for Outstanding Publication (Articles) went to Dr. Swithin Wilmot for his article *A Stake in the Soil: Land and Politics in Free Jamaica – the 1849 Elections*.

There was also the usual wide variety of extracurricular activities of departments during the year, notable among these was the honouring of the Hon Louise Bennett Coverley on her government-sponsored visit to Jamaica, which fortuitously also coincided with the launch of the Jamaica Language Unit, already referred to above.

Conclusions

The Faculty used the problems posed by budgetary constraints and the imposition of budget cuts as an opportunity to reflect on its programmes, courses and modus operandi. This was done on the premise that reduced annual budgets would be the norm in the foreseeable future. One result of this has been the tightening up of its operations and the streamlining of its academic offerings. Another has been increased willingness for interdepartmental collaboration especially between departments within the Humanities and the Department of Educational Studies. However, we are deeply concerned that the financial and budgetary constraints will inevitably have an impact on both the Faculty and Campus’ capacity to achieve the strategic objectives as set out in the **Wint Committee Report**.

In light of this and within the context, we have already begun to revisit our own strategic objectives with a view to setting new priorities and determining ways of achieving them. It is clear that there are limits to what can be achieved with diminishing financial resources. The need to develop viable income generating activities to assist in funding our activities is widely accepted within the Faculty with various initiatives underway to realize our goals. Notwithstanding, the greatest threat to the Faculty’s ability to

achieve targeted objectives is the lack of adequate physical space for growth and even the refocusing of our efforts. There is for example, no space dedicated specifically for use by post graduate students even though we are committed to achieving the Campus' strategic goal of becoming more student centered and research driven. We therefore believe that it would be prudent to arrive at a Campus-wide consensus on an order of priorities that can be used to guide decision making regarding the way forward in an environment of scarcity.

CARIBBEAN INSTITUTE OF MEDIA AND COMMUNICATION (CARIMAC)

Drs. Majan de Bruin, *University of Amsterdam* – Director

WORK OF THE DEPARTMENT

CARIMAC programmes



The Institute currently offers two undergraduate programmes (one Degree and one Diploma) and four postgraduate programmes (the two taught Masters programmes: Communication for Social and Behaviour Change, Communication Studies; MPhil and PhD programmes). The Diploma programme and the taught MA Programme are self-financed.

Contributions to UWI

CARIMAC donated 40 chairs (J\$78,400) to the Faculty of Humanities and Education. Forty chairs were also donated to the Mona and Papine High Schools.

Staff Development

The Department sponsored several of its members of administrative and academic staff in completing their various academic qualifications.

Outreach

Starting in June and ending in August, 2004, the regular not for credit Summer School Courses (28 courses this year, up from 14 last year, 3 were offered in Montego Bay). This programme is self-financing.

The Institute also organized a three-day workshop for Caribbean Non-Governmental Organizations (NGO) to familiarize them with cyberspace and networking possibilities; funded by WACC Caribbean (World Association of Christian Communication).

Funding

Members of staff contracted research work and other projects for the department (or UWI) to a total amount of US\$282,000.

HARP interdisciplinary research projects. Interdepartmental cooperation between Department of Sociology, Psychology and Social Work, Faculty of Medical Science and CARIMAC (US\$103,000; HARP/EU funds; M. de Bruin).

Eight scholarships for graduate students in CARIMAC's latest MA Programme: Communication for Social and Behaviour Change (US\$90,000; HARP/EU funds; M. de Bruin).

“Watching Television – exploring its influence on adolescents’ sexual and reproductive health behaviour” (US\$21,000; M. de Bruin).

Several smaller research projects on professionalism, covering crime and violence and HIV/AIDS Communication (US\$15,000; UNESCO; M. de Bruin).

Youth.now/ Ministry of Health; a series on Adolescents and Reproductive Health (US\$43,000; Futures International; Y. Rowe).

Communication Strategies to promote behaviour change in HIV/AIDS/STI programmes: a case study of Jamaica 1998-2002 (US\$10,000; Caribbean Health Research Council; L. White).

RESEARCH

Mrs. Corinne Barnes:

- News Media Coverage of Violence in Jamaica: A Content Analysis.

Drs. Marjan de Bruin:

- HIV/AIDS; Journalists’ values and attitudes, Jamaica); sponsored by UNESCO (C. Robinson.)
- “Watching Television – exploring its influence on adolescents’ sexual and reproductive health behaviour”. (sponsored by Youth.now)
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Mr. Livingston White:

- Communication Strategies to promote behaviour change in HIV/ AIDS/STI programmes: a case study of Jamaica 1998-2002. Funded by Caribbean Research Health Council (CHRC).

PAPERS PRESENTED

Drs. Marjan de Bruin:

- “Curriculum development across disciplines as part of a comprehensive response to the HIV/AIDS crisis in the Caribbean” (Authors: **Dr. Nancy Muturi**, Dr. Sanjana Bhardwah, Mrs. Hope Ramsay, **Drs. Marjan de Bruin** and Professor Brendan Bain). Annual Conference of the American Public Health Association. San Francisco, USA. 2003, November 17. (Abstract)
- “Gender politics and Media Production.” UWI Mona Academic Conference ‘Gender in the 21st Century’, 2003, August 29-31 2003, (22 pages).
- “Jamaican Adolescents’ Sexual Behaviour Analyzed from a Gender Perspective.” Regional Symposium on Gender, Sexuality and Implications for HIV/AIDS, Centre for Gender and Development Studies, St. Augustine, Trinidad and Tobago, March 10-13, 2004. (23 pages).
- “Communication Strategies in HIV/AIDS prevention; challenges in the Caribbean.” The bi-annual Scientific Meeting of the International Association of Media and Communication Research (IAMCR) in Porto Alegre, Brazil, July 25 – 30, 2004, (21 pages).

Mrs. Corinne Barnes:

- “Violence in Jamaica: the Role of Media.” Pan American Health Organization (PAHO) International Conference on Violence Prevention, at the Conference Centre, Kingston, Jamaica. October 8 & 9, 2003, (13 pages).
- “The Print and Electronic Media’s Coverage of Crime and Violence in Jamaica.” 18th Conference on Health Promotion and

Health Education in Melbourne, Australia April 26-30, 2004, (10 pages).

Mr. Canute James:

- “Neither Black Nor White: Images of Haiti in the Caribbean Media.” Haiti 2000, Perspectives on Haiti’s 200th Year of Political Independence, Department of Africana Studies, New York University. October 2003, (11 pages).

Dr. Nancy Muturi:

- “Sexual Violence and Women’s Reproductive Health in Jamaica.” Regional Symposium on Gender, Sexuality and Implications for HIV/AIDS, Centre for Gender and Development Studies, St. Augustine, Trinidad and Tobago, March 10-13, 2004, (25 pages).
- “Gender-based Violence and Women’s reproductive health – the situation in Jamaica.” 18th Conference on Health Promotion and Health Education in Melbourne, Australia from April 26-30, 2004, (oral poster presentation).
- “Behaviour Change, communication for HIV/AIDS Prevention – the rural faith based organization.” Poster presentation presented to the Annual Conference of the American Public Health Association. San Francisco: 2003, November 15- 19, 2003, (25 pages).
- “Challenges for Reproductive Health Communication in Jamaica.” Annual Conference, the Feminist Scholarship Division of the International Communication Association (ICA), May 27 – 31, 2004, New Orleans, (25 pages).
- Health Education and Communication for HIV/AIDS Prevention in the Caribbean: A Participatory Approach, bi-annual Scientific Meeting of the International Association of Media and Communication Research (IAMCR) in Porto Alegre, Brazil, July 25 – 30, 2004.

Mr. Livingston White:

- “Celebrating health – Examining Participatory Approaches to Promoting Healthy Lifestyles in Jamaica.” 18th

Conference on Health Promotion and Health Education in Melbourne, Australia from April 26-30, 2004, (18 pages).

Mr. Patrick Prendergast:

- “The Role of Media in Public Communication”, National Disaster Management Conference “Early Warning Systems – Floods and Drought”, Office of Disaster Preparedness and Emergency Management (ODPEM) Jamaica Grande, Ocho Rios, September 9, 2003, (15 pages).

Ms. Yvette Rowe:

- “Shattered Innocence”, drama programme, 45 minutes broadcast on national TV November 2, 2003.
- “Yow.2”, a series of 5 half hour TV magazine programme and a 1 hour special youth discussion programme. Broadcast on national TV during July and August 2004.

PUBLICATIONS

Refereed

Drs. Marjan de Bruin

- * Gender Politics and Media Production, in: *Gender in the 21st Century, Caribbean Perspectives, Visions and Possibilities*, edited by Barbara Bailey and Elsa Leo-Rhynie, Ian Randle Publishers, Kingston, Jamaica. Pp. 217-236.

PUBLIC SERVICE

Mrs. Corinne Barnes

- Assisting KSAC Parish Council Committee (PCC) in starting a newsletter.
- Advisor for a group of teachers now making plans to start a regional magazine called “The Caribbean Child”.

Drs. Marjan de Bruin

- Chair, the 2003 National Awards of the Public Relations Society of Jamaica (PRSJ).

- Judge, PAJ (Press Association of Jamaica)’s Annual Awards.
- Board member, Jamaica Women’s Media Watch.
- Vice-president, International Association for Media and Communication Research (IAMCR).
- Member, International Editorial Board of Routledge’s Academic Journal *Feminist Media Studies* .
- Member, Advisory Board of *Critical Arts*, publication of the Graduate Programme in Cultural and Media Studies, University of Natal, Durban, South Africa.
- Editor, *International Newsletter*, International Association of Media and Communication Research (IAMCR).

Mr. Patrick Prendergast

- CARIMAC’s representative, National Environmental Education Committee.
- Judge, Public Relations Society of Jamaica Awards 2003.

Mr. Livingston White

- Secretary, Fulbright Alumni Association of Jamaica.
- Member, Adjudication Panel for the ITI Actor Boy Awards.
- Consultant, Inner-City Housing Project for the National Housing Trust.
- President, CARIMAC Alumni Association.

CATEGORIES OF STUDENTS

Students – intake

Undergraduate programmes:

Eighty-one students were chosen from the 450 candidates who sat their entrance test for CARIMAC in April 2003 (an increase of 60% compared to 2001/2002) This year’s entrance test (2004) involved 660 candidates.

Diploma (Undergraduate):

The Diploma Programme, which had been suspended for two years, was reinstated: 10 students were accepted – the minimum for viability of this programme. Students came from St. Vincent, St. Lucia, Trinidad & Tobago and Dominica.

Postgraduate programmes:

The bi-annual intake for the part-time Masters Programme in Communication Studies has grown from 9 (1998) to 26 in 2002. The 2002 cohort is completing its final leg (research project).

Communication for Social and Behaviour Change:

This new programme accepted 32 students: 15 full time and 17 part-time. Students are coming from Jamaica, Belize, Trinidad & Tobago, Barbados, Dominica, Antigua and The Bahamas.

Student Population across the regular programmes (2003/2004)

Undergraduate degree programme:	204 students
Diploma programme:	10
Taught Masters (2 programmes):	58
MPhil and Ph D programme in Communication Studies:	15
Grand total:	287 students

Teaching Facilities for undergraduate programme

Four of the six technique areas benefited from technical improvements and received additional equipment funded by a combination of budgets: donations from the private sector: Red Stripe (Ja \$200,000) and Jamaica National Building Society (Ja \$250,000); successful fundraising (projects); revenues from income earning activities (commissioned research) and regular UCG funds.

Course quality and course evaluation

Based on discussions with the local and regional industry several curricula were revisited and renewed: radio, public relations and social marketing

developed new areas and/ or changed emphases in their modules.

Course evaluations

Undergraduate programmes: Course evaluation in the first semester (second semester evaluations have not been returned yet) in general varied between good, very good and excellent. Two courses scored below average.

Graduate programmes: evaluations were between very good and excellent.

Relationships with the industry

Five of the six departments developed internships for students with the local and regional industry. Print students did their internships at the *Gleaner*, the University Endowment Fund, *Skywritings* and *The Investor's Choice Magazine*. The feedback from supervisors was generally positive.

In Radio and TV, students went to the local radio and TV stations. TV students also worked on the television production of "Shattered Lives" which was shot at CARIMAC and Ardenne High School. Third and second year students assisted TVJ in the studio for the live broadcast of a panel discussion. Students of Social Marketing served attachments at the Forestry Department, Ministry of Agriculture, the Ministry of Health, the Tourism Product Development Company (TPDCo), Design Studio, the Jamaica Conservation & Development Trust, the Jamaica Red Cross and the National Works Agency.

Social Marketing students' final projects included the launching of two campaigns: "*Child Care: Everybody's Affair*" – a campaign targeting and serving the Gordon Town community; "*Blood: The Richness of Life*" campaign which targeted members of the UWI community and worked closely with the UWI Health Centre, the National Blood Transfusion Service of the Ministry of Health to ensure that the blood drive held on campus on March 23, 2004 was a success. The groups attracted sponsorship from Western Union (\$30,000), Victoria Mutual Building Society (\$26,000), Guardian Life (\$5000), UWI Credit Union (\$5000), UWI Bookshop (\$3000) in addition to the usual financial support given by CARIMAC.

DEPARTMENT OF HISTORY AND ARCHAEOLOGY

Dr. Swithin Wilmot, BA UWI, DPhil Oxf – Head of Department

WORK OF THE DEPARTMENT



The **Archaeology Unit**, under the direction of **Philip Allsworth-Jones**, during January 2004, conducted fieldwork with students at Stewart Castle, Retreat, and Belle Air, in Trelawny and St. Ann, with funding from the Reed Foundation and the Mona Campus Committee for Research and Publications. Dr. Philip Allsworth-Jones was also a member of an international team of archaeologists who conducted a study visit to Mayan sites in Mexico between November 2 and November 17, 2003. In July/August 2004, he participated in a scientific dating programme of Middle Palaeolithic sites in Russia and the Ukraine, at the invitation of Dr Rupert Housley of Glasgow University.

The **Social History Project (SHP)**, under the direction of Dr. Kathleen Monteith, celebrated its 25th anniversary and mounted an exhibition, highlighting its work and accomplishments, in the UWI Main Library during April 2004. Also, to mark Black History month in February 2004, the **SHP** showcased Dr. Joy Lumsden's research on Black Professionals in Jamaica in the late 19th and early 20th centuries. The **SHP** also published, *Not for Wages Alone: Eyewitness Summaries of the 1938 Labour Rebellion in Jamaica*. Kingston: Social History Project, UWI, Mona, 2003, 189 pp. [edited by Patrick Bryan and Karl Watson].

The **Staff/Postgraduate Seminar** programme continued as the main outlet for sharing the research findings of the Department's staff and graduate students, and other academic colleagues also participated. This was coordinated by **Allister Hinds**.

The **History Club** which exposes students to history beyond the classroom had a very active year. Besides historical tours, the Club mounted an exhibition in support of the University's Research Day in January 2004, and in February 2004 held their Mini History Day that showcased the history of the Mona Campus, as well as various aspects of Jamaican Heritage. **Jenny Jemmott** very effectively coordinated these activities.

The Department, in collaboration with the Principal's Office, the Business Development Office and the Office of Public Relations, oversaw the publication, *Mona Past and Present: The History and Heritage of the Mona Campus*, University of the West Indies. Kingston: UWI Press, 2004, authored by Suzanne Francis Brown, a Ph.D student in the Department.

STAFF

Jonathan Dalby, **James Robertson** and **Wabinte Wariboko** had Fellowship Leave, while **Michelle Johnson** and **Brian Moore** were on no pay leave. They were replaced by the following temporary staff, **John F Campbell**, **Wigmoor Francis**, **Aleric Josephs**, **Jenny Jemmott**, **Simone Gigliotti** and **Matthew Smith**. In January 2004, John F. Campbell and Simone Gigliotti resigned to take up tenure track academic posts and **Joy Lumdson** and **Dave Gosse** replaced them, respectively. **Patrick Bryan** was appointed as the Deputy Dean in the Faculty of Humanities and Education, and in July 2004, **Carl Campbell** retired after thirty two years service to the Mona Department, and forty three overall to the University of the West Indies. **Swithin Wilmot** continued as Head of the Department. His article, "'A Stake in the Soil': Land and Creole Politics in Free Jamaica, the 1849 Elections", in Alvin Thompson (ed.), *In the Shadow of the Plantation: Caribbean History and Legacy* (Kingston: Ian Randle Publishers, 2002), 314-333, received the Principal's Award for Best Publication, Faculty of Humanities and Education, Research Day 2004.

The Department maintained its **Outreach** activities to secondary students and educators. **Patrick Bryan**, **Carl Campbell**, **Aleric Josephs**, **Allister Hinds**, **Matthew Smith** and **Swithin Wilmot** made presentations on subject areas related to Caribbean Examinations Council's CSEC and CAPE History Syllabi at a conference sponsored by the Jamaica History Teachers Association on September 30, 2003. In April and May 2004, the Department

conducted its annual series of lectures for sixth-former students, focusing particularly on the CAPE History Syllabus. **Swithin Wilmot** coordinated these workshops and **Sultana Afroz, Patrick Bryan, Carl Campbell, Veront Satchell and Matthew Smith** also participated. **Verene Shepherd** and **Matthew Smith** also lectured in support of schools programmes or at tertiary institutions.

The Department marked the commemoration of the **Bi-centenary of Haitian Independence** in various ways. On February 20, 2004, it hosted a panel discussion that was also aired over Radio Mona on the theme **Haiti: The Challenge of Freedom**. On February 29, 2004, in conjunction with African Caribbean Institute of Jamaica, a public lecture, entitled “‘Now Both Sides of the Hand Have a Chance’: Black Consciousness in Haiti, 1930s to the 1950s”, was held at Liberty Hall/The Legacy of Marcus Garvey, and on March 20, 2004, there was a one day symposium entitled, **Haiti Then and Now**. Several members of the Department, **Patrick Bryan, Carl Campbell, Dave Gosse, Joy Lumsden, Verene Shepherd, Matthew Smith** and **Swithin Wilmot** participated in one or more of these events, as well as in public lectures and media commentaries that highlighted Haiti’s history and contemporary politics.

The Department also maintained its public profile in supporting significant events in Jamaica’s National Calendar such as Black History Month, Emancipation Celebrations and National Heritage Week. **Sultana Afroz, Carl Campbell, Dave Gosse, Allister Hinds, Verene Shepherd** and **Swithin Wilmot** delivered public lectures, participated in media interviews or mounted exhibitions highlighting one or more of these events. Further, **Sultana Afroz, Allister Hinds, Mathew Smith, Veront Satchell, Verene Shepherd** and **Swithin Wilmot** participated in discussions on the local electronic media that highlighted several other aspects of African, Caribbean and Jamaican history, respectively. In October 2003, **Swithin Wilmot** was also interviewed on BBC WM (Western Midlands) Radio as part of a special broadcast marking Black History Month in the United Kingdom.

On April 7, 2004, Professor Mary Turner, Senior Research Fellow at the School of Advanced Study, Institute of Commonwealth Studies, University of London, delivered the 20th Elsa Goveia Memorial Lecture at the Philip Sherlock Centre for the Creative Arts. Her topic was **Slave Rebels and Slave Revolutionaries**.

RESEARCH IN PROGRESS

Sultana Afroz

- The History of the Muslim Ummah in Jamaica.
- US-Pakistan in Post-Cold War Era.

Philip Allsworth-Jones

- Archaeology of Jamaica, West Africa, Central and Eastern Europe

Roy Augier

- Political Institutions in Jamaica and The Lesser Antilles in the nineteenth century

Patrick Bryan

- Jamaica in the 19th and 20th centuries
- Biography of Bishop Herman Spence

Carl Campbell

- Education policies of Caribbean States, 1500-1990.

John F. Campbell

- Gender and Theory in past and Contemporary Caribbean History.
- Sexuality in History.

Jonathan Dalby

- Society, property and family relations in a French rural parish: Boisset since 1700.
- Crime and punishment in Jamaica in the eighteenth and nineteenth centuries.

Wigmoor Francis

- African reclamationism and the political thought of Theophilus Scholes.

Simone Gigliotti

- Jewish Refugees and Enemy Aliens in Jamaica during World War II

- Sosua, Dominican Republic: a Caribbean refuge from Nazism

Dave Gosse

- The Slave Trade and Plantation Management in Jamaica

Allister Hinds

- Federation in the Eastern Caribbean
- Colonial Agricultural policy in Nigeria, 1920-1951.

Jenny Jemmott

- The Black Family in Post – Slavery Jamaica
- Comparative Family networking in Barbados, Antigua and Jamaica.

Michele Johnson

- The cultural history of Jamaica, 1865-1920.
- Domestic servants in American television situation comedies, 1960-80.

Aleric Josephs

- Women's writing as sources of Caribbean history.
- Women in the missionary enterprise.

Kathleen Monteith

- Banking in the Commonwealth Caribbean: Barclays Bank (DCO), 1926-1962
- Coffee in Jamaica, 1790-1850.

Brian Moore

- Society, politics and culture in post-emancipation Guyana.
- The cultural history of Jamaica, 1865-1920.

James Robertson

- Capital cities in the English Atlantic.
- Early English Jamaica.
-

- A history of Spanish Town.

Veront Satchell

- Technology and Slavery
- Historic Landscape of Jamaica
- Alexander Bedward, 1889-1921
- Land and Pleasant Development in Jamaica, 1838-1938

Verene Shepherd

- The Jamaica Freedom Monument Project
- A Historical Dictionary of Caribbean Women

Matthew Smith

- Haitian radicalism and foreign relations after the U.S. Occupation (1915-1934).
- Biography of Daniel Fignole
- Documentary film on Haitian Independence.
- Haitian migration to Jamaica in the nineteenth and twentieth centuries.

Waibinte Wariboko

- West Indian missionaries in the Niger Mission to Southeastern Nigeria, 1896-1925.

Swithin Wilmot

- Social and political history of nineteenth century Jamaica.

PAPERS PRESENTED

Sultana Afroz

- ‘Interfaith Dialogue in Jamaica’. 4th Parliament of World Religions, Barcelona, Spain, July 7-13, 2004.
- ‘The Jamaican Muslim Community since 9/11’. 4th Parliament of World Religions, Barcelona, Spain, July 7-13, 2004.

- 'The Invincibility of Islam in Jamaica'. Conference on Slavery, Islam and Diaspora, Harriet Tubman Resource Centre on the African Diaspora, York University, October 24-26, 2003.
- 'Islam: The Eternal Message'. Markfield Institute of Higher Learning/Islamic Foundation of England, Leicestershire, UK, August 19, 2003.

Roy Augier

- 'The Historical Antecedents of Modern West Indian Government.' Department of History and Archaeology Staff/Postgraduate Seminar, UWI, Mona, March 14, 2003.

Patrick Bryan

- 'Jamaica, Great Britain and the Miskito Coast of Nicaragua'. Latin American and Caribbean Centre Conference on Intra – Caribbean Migration, UWI

Dave Gosse

- 'The Haitian Revolution and Planter Paranoia in Jamaica: A Discourse on Race and Security'. Department of History and Archaeology's Symposium, Haiti: Then and Now, UWI, Mona, March 20, 2004
- 'The Haitian Revolution and Planter Paranoia in Jamaica: A Discourse on Race, Plantation Management and Security'. 36th Annual Conference of the Association of Caribbean Historians, Barbados, May 17- 22, 2004.

Jenny Jemmot

- 'Black Family Advocacy in Jamaica, 1834-1838'. Department of History and Archaeology Staff/Postgraduate Seminar, UWI, Mona, April 30, 2004.
- 'Healthcare in Kingston: Problems and Perspectives, 1840-1880'. Text and Testimony Collective Conference, City Life in Caribbean History, UWI, Cave Hill, Barbados, December 11-13, 2003.

Aleric Josephs

- ‘The Impact of the Europeans on the Indigenous Peoples of the Caribbean’. Annual Commemoration of “The Encounter.” Seville Heritage Park, St. Ann, May 5, 2004. .
- “‘Many Streams Coming Together’: The History of the Holiness Movement’. Caribbean Holiness Convention, Montego Bay, May 28, 2004.

Glen Richards

- ‘The Plantation Past, “Moral Economy” and Workplace Governance in the Caribbean’. 1st. Labour Policy Conference, UWI, Mona, April 5, 2003.

James Robertson

- “What was the Western Design?” John Carter Brown Library, Brown University, Providence, Rhode Island, March, 3, 2004.
- ‘Kingston, Jamaica, 1748: “the humble petition of the innocent distressed sons of Christ (commonly called Negro slaves)”’. Text and Testimony Collective Conference, City Life in Caribbean History, UWI, Cave Hill, Barbados, 11 December, 2003.
- ‘Thinking about Spanish Town’. Friends of the Jamaican Georgian Society, Jamaican High Commission, London, November, 19, 2003.
- ‘Creole politics and political principals in the English Jamaica’s second generation: Lord Alexander Hamilton’s troubled stay in Jamaica’. History Department/School of Arts Seminar, Oxford Brooks University, Oxford, November, 6, 2003.
- ‘Architectures of Confidence?: Spanish Town, Jamaica, 1655-1780’. Conference: New Approaches to Eighteenth-Century Architecture, Victoria & Albert Museum, London, July 4, 2003.

Veront Satchell

- ‘The Hope, St. Andrew Palimpsest: A History of the Hope Landscape’. 3rd Annual Symposium, Archaeological Society of Jamaica, UWI, Mona, April 15, 2004.
- ‘Historical Sketch of St. Michael’s’ And All Angels Church’. 175th Anniversary Celebrations, Mavis Bank, St. Andrew, April 25, 2004.

Verene Shepherd

- ‘Women, Gender and Sexuality in the Discourses on Asian Labour Migration’. Women’s History Conference, Queens University, Belfast, Northern Ireland, August 13, 2003.
- ‘Beside Every Successful Man: The Unsung Rebels of the 1831/32 Emancipation War’. Slavery Conference, the University of Nottingham’s Centre for the Study of Slavery [ISOS] September 8-9, 2003.
- ‘Gender, Education and Development in Jamaica’. Mona Academic Conference on Gender in the 21st Century, UWI, Mona, August 30, 2003.
- ‘Africa in the Caribbean: History, Identity and Public Discourses’. Association for the Study of the World Wide African Diaspora (ASWAD), Northwestern University, Illinois, October 1-5, 2003.
- ‘The Local vs the Global: Creolizing Tendencies in the Atlantic World’. Seminar on Conceptualizing Atlantic Studies, University of Sussex, November 10-12, 2003.
- ‘From Redemption Song to Remembrance Walls’. UNESCO Slave Route’s Project Committee and Youth Workshop, Barbados, December 2, 2003.
- ‘Urban Voices, Urban Spaces: Inter-ethnic Relations in Kingston & St Andrew, Jamaica in the Early to Mid-20th Century’. Text and Testimony Collective Conference, City Life in Caribbean History, UWI, Cave Hill, Barbados, December 10-12, 2003.
- ‘Migration, the Ranking Game and Discourses of Belonging in Jamaican History’. 36th Annual Conference of

the Association of Caribbean Historians, Barbados, May 17-21, 2004.

- ‘Women in an Encyclopaedia of Caribbean Thought’. Caribbean Studies Association Conference, St Kitts, May 30 – June 5, 2004.
- ‘Monuments, Memorialization & Black Identity: The Case for War Memorials to Anti-Slavery Rebels’. Conference on Globalization, Diaspora and Identity, Suriname, February 26-29, 2004.
- ‘Terrified Consciousness: Haiti and Haitians in Lady Nugent’s Journal’. Latin American Studies Centre’s Symposium on The Haiti-Jamaica Connection, April 2004.

Matthew Smith

- ‘History, Myth and Meaning in Haiti’s “Second Revolution”: Re-interpreting the Revolutionary Movement of 1946’. Conference on Re-Interpreting the Haitian Revolution and its Cultural Aftershocks, 1804-2004, UWI, St. Augustine, Trinidad, June 16-18, 2004.
- “‘These Unfortunate Exiles’: Haitian Migration to Jamaica’. 29th Annual Meeting of the Caribbean Studies Association, Basseterre, St. Kitts, May 31 – June 5, 2004.
- ‘Emperor, Exiles, and Intrigues: The Case of Nineteenth Century Haitian Political refugees in Jamaica’. Latin American and Caribbean Centre Symposium, The Haiti-Jamaica Connection, UWI, Mona, April 4, 2004.
- ‘Haitian Pencils Have No Erasers: Haiti’s Twentieth Century Political History, A Review’. Department of History and Archaeology Symposium, Haiti: Then and Now, UWI, Mona, March, 20, 2004.
- ‘Overview of the Haitian Crisis’. 2nd Annual Guild of Undergraduates Conference on Governance, UWI, Mona, March 16, 2004.
- ‘Now Both Sides of the Hand Have a Chance: Black Consciousness in Haiti, 1930s-1950s’. Afro-Caribbean Institute of Jamaica, “Liberty Hall: The Legacy of Marcus Garvey, Kingston, February 29, 2004.

- ‘Beyond the Mountains, More Mountains: Haiti, 1915-198.’ Department of History and Archaeology panel discussion, Haiti: The Challenge of Freedom, UWI, Mona, February 20, 2004.
- ‘Regimes in Refuge: Exiled Haitian Heads of State in Jamaica, 1843-1956’. Jamaica Historical Society, November 26, 2003.
- ‘White, Black, and Red All Over; The United States and the Haitian General Elections of 1956’. Southern Historical Association, Houston, Texas, November 9-11, 2003.
- ‘From the Port of Prince to the City of Kings: Haitian Political Exiles in Jamaica in the Nineteenth and Twentieth Centuries’. 15th Annual Meeting of the Haitian Studies Association, Miami, Florida, October 9-11, 2003.

Swithin Wilmot

- “A Black and Colored Ascendancy?”: The Spectre of Haiti and “Mass Politics” in Jamaica, 1838-1865’. Department of History and Archaeology Symposium, Haiti: Then and Now, UWI, Mona, March, 20, 2004
- ‘Early Community Development Strategies: From Negro Yard to Free Village’. Conference on Community of Communities in Partnership for Empowerment, A Woodside-UWI Initiative, held at Woodside, St. Mary, April 23-24, 2004.

PUBLICATIONS

Refereed

Philip Allsworth-Jones

- * ‘Pathological evidence in the pre-Columbian human remains from the Lee Collection (Jamaica)’ with A.L. Santos and E. Rodriques]. *Antropologia Portuguesa*, 19, 2002: 121-138.

- * 'The Neveh Shalom synagogue site in Spanish Town, Jamaica' [with D. Gray and S. Walters]. G. Malm (ed.), *Toward an Archaeology of Buildings*, British Archaeological Reports International Series 1186, Oxford, Archaeopress, 2003, 77-88.

Patrick Bryan

- * *Jamaica: The Aviation Story*. Kingston: Arawak Publications, 2003, 203 pp.
- * *Not For Wages Alone: Eyewitnesses Summaries of the 1938 Labour Rebellion in Jamaica* [with Karl Watson]. Kingston: Social History Project, Department of History, 2003, 189 pp.
- * *The Legacy of A Goldsmith: A History of Wolmer's Schools: 1729-2003*. Kingston: Arawak Publications, 2004, 186 pp.
- * 'Proletarian Movements in the Caribbean'. Bridget Brereton (ed), UNESCO General History of the Caribbean, Vol. 5, London: Mcmillan Publishers, 2004, 141-173
- * 'Emigres: Conflict and Reconciliation: The French Emigres in Nineteenth Century Jamaica'. *The Haiti-Jamaica Connection*, Proceedings of the 6th Intra-Caribbean Migration Seminar, Latin American and Caribbean Centre, UWI: 2004, 17-30, (Reprint from *Jamaica Journal*, September 1973)

Aleric Josephs

- * 'The Atlantic World 1400-1600'. A Manual for Distance Education. BEd Distance (secondary) Project U.W.I./ M.O.E.C, 2004, 237pp.

Kathleen Monteith

- * 'Regulation of The Commercial Banking Sector in The British West Indies, 1837-1961'. *Journal of Caribbean History*, 37, 2 (2003), 204-232.

James Robertson

- * 'Architectures of Confidence? Spanish Town, Jamaica, 1655-1792'. Barbara Arciszewska and Elizabeth McKellar (eds.), *Reconstructing British Classicism: New Approaches to Eighteenth-Century Architecture*, Aldershot, Ashgate, 2004, 227-258.
- * 'Inherited cityscapes: Spanish Town, Jamaica'. Gunilla Malm (ed.), *Towards an Archaeology of Buildings: Contexts and concepts*, British Archaeological Reports, International Series, 1186, Oxford, Archaeopress, 2003, 89-104.
- * 'British Colonies: The Caribbean'. Jonathan Dewald (ed.), *The Dictionary of Early Modern Europe* 6 vols. New York: Scribner's, 2003, I : 316-320.

Veront Satchell

- * 'Early Stirrings of Black Nationalism in Jamaica, Alexander Bedward of the Jamaica Native Baptist Free Church, 1891-1921'. *Journal of Caribbean History*, 38, 1, 2004
- * 'Estate Ruins as Loci for Industrial Archaeology in Jamaica'. *Industrial Archaeology Review*, XXVI, May 2004, 37-44.

Verene Shepherd

- * *Cyrus Francis Perkins' Catherine the Fugitive: a stirring romance of the days of slavery in Jamaica* [edited with Paul Lovejoy and David Trotman]. Kingston, Ian Randle Press, 2003, 172 pp.
- * 'Indian Indentured Women in the Caribbean: Ethnicity, Class and Gender'. *The Arts Journal*, 1, 1 (2003), 68-79.
- * 'Ethnicity, Colour and Gender in the Experiences of Enslaved Women on Non-Sugar Properties in Jamaica'. Paul Lovejoy and David Trotman (eds.), *Trans-Atlantic Dimensions of Ethnicity in the African Diaspora*, London: Continuum, 2003, 195-217.

- * “Rebel Voices: Testimonies from the 1831/32 Emancipation War in Jamaica’ [with Ahmed Reid]. *Jamaica Journal*, 27, 2-3 (2004), 54-63.
- * ‘Unity and Disunity, Creolization & Marronage in the Atlantic World’. *Atlantic Studies*, 1, 1 (2004), 49-65.

Waibinte Wariboko

- * ‘I really cannot make Africa My Home: West Indian Missionaries as “Outsiders” in the Church Missionary Society Civilizing Mission to Southern Nigeria, 1898-1925’. *Journal of African History*, 45, 2004, 221-236.
- * ‘James Norris Cheetham and the CMS Civilizing Mission to Igboland: An Examination of His “Letters” to the *Southport Visiter*, 1899-1931’. *Nigerian Academic Forum*, 6, 3 (2004), 15-30.

Non-Refereed

Matthew Smith

- * ‘Emperors, exiles, and Intrigue: The Case of Nineteenth Century Haitian Political Refugees in Jamaica’. *The Haiti-Jamaica Connection*, Proceedings of the 6th Intra-Caribbean Migration Seminar (Latin American and Caribbean Centre, UWI: 2004).

Verene Shepherd

- * ‘Roots of Routes: Intra-Caribbean Trade Links Since the 15th Century’. *The Socio-Economic and Cultural Impact of Migration between the Anglophone Caribbean and the Republic of Colombia*, Proceedings of the 5th Intra-Caribbean Migration Seminar (Latin American and Caribbean Centre, UWI: 2004), pp. 23-35
- * “‘Terrified Consciousness’: Haiti and Haitians in Lady Nugent’s Journal, 1801-1805’. *The Haiti-Jamaica Connection*, Proceedings of the 6th Intra-Caribbean Migration Seminar (Latin American and Caribbean Centre, UWI: 2004), pp. 49-53

PUBLIC SERVICE

Philip Allsworth-Jones

- Member, Executive Committee, Archaeological Society of Jamaica.
- First Vice-President, Jamaica Historical Society.
- Member, Museums Advisory Board, Institute of Jamaica.
- Member, Board of Jamaican National Heritage Trust.

Roy Augier

- President, International Scientific Committee, UNESCO General History of the Caribbean.
- Vice Chairman, Teachers Services Commission.
- Member, Schools Examination Committee, Caribbean Examination Council.
- Member, Council, Caribbean Examination Council.
- Member, Council, Institute of Jamaica.
- Member, Board of Governors, St. Michael's Theological College.

Patrick Bryan

- Member, Council, Institute of Jamaica.
- Chairman, Museums Advisory Board, Institute of Jamaica.
- Chief Examiner in Caribbean History (CSEC) for Caribbean Examinations Council.
- President, Jamaican Historical Society.
- Member, Advisory Board, *Journal of Caribbean History*.

Carl Campbell

- Member, Executive Committee, Jamaica Historical Society.
- Editor, *Jamaican Historical Review*.
- Reviews Editor, *Journal of Caribbean History*.

Jenny Jemmott

- Member, Board of Directors, Jamaica Cancer Society.

Aleric Josephs

- Board Member, Women's Resource and Outreach Centre.

Brian L Moore

- Member, Editorial Board, *Journal of Caribbean History*.

James Robertson

- Member, National Archives Committee.
- Member, Board of the Archaeological Society of Jamaica.

Veront Satchell

- Reviews Editor, *Journal of Caribbean History*
- Member, Education and Youth Board, Anglican Diocese of Jamaica and the Cayman Islands.

Matthew Smith

- Committee Member, Jamaica Music Foundation
- Member, Foundation for Higher Education (FHE), Florida International University

Verene Shepherd

- Member, Board of the Jamaica National Heritage Trust.
- Second Vice President, Jamaica Historical Society.
- Vice President, Association of Caribbean Historians.
- Convenor, CAPE History Panel, Caribbean Examinations Council
- Co-Director, Text and Testimony Collective.
- Member, Academic Advisory Boards of the following Journals: *Arts Journal*, *Atlantic Studies*, *Jamaica Journal*, *Jamaica Historical Review*, *Journal of Caribbean History*, *Social and Economic Studies*

Waibinte Wariboko

- Member, Advisory Board, African-Caribbean Institute/Jamaica Memory Bank

Swithin Wilmot

- Member, Editorial Board, *Journal of Caribbean History*.
- Member, CAPE History Panel, Caribbean Examinations Council.
- Member, Nominating Committee, Association of Caribbean Historians
- Chief Examiner and Chairman, Examining Committee for CXC/CAPE History.
- Member, Advisory Board, Unit for Studies in Biography and Autobiography, La Trobe University, Melbourne, Australia.
- Member, Board of Governors, Holy Trinity High School.
- Member, Board of Trustees, the Archbishop Samuel Carter Educational Fund

CATEGORIES OF STUDENTS

Undergraduates

Code	Course Title	Sat	Passed	%Passed
H13D	Africa in World Civilization to 1800	99	85	86
H14H	States and Societies: Continuity and Change in Early Modern Europe	80	70	88
H15E	The Asian World Prior to 1600	46	44	96
H16A	The Atlantic World 1400-1600	231	194	84
H17C	Introduction to History	239	206	86
H18A	Introduction to Archaeology	43	37	86
H20F	Conquest, Colonization and Resistance	184	177	96
H20G	Freedom, Decolonization and Independence in the Caribbean since 1804	191	185	97
H21C	Latin America 1600-1870: from Colonialism to Neo-Colonialism	22	19	86
H21D	Societies and Economies in Latin America from 1870	25	22	88
H22C	Peoples, Wars and Revolution: North	44	42	96

H22D	From Developing to Developed North America 1815-1980	44	39	89
H23C	The State and Development in Africa 1800-1900	28	25	89
H23D	The State and Development in Africa since 1900	41	41	100
H24C	Revolution and Industrialization in 19 th Century Europe	60	58	97
H24D	Fascism and Communism in 20 th Century Europe	45	37	82
H25C	History of Modern China	37	37	100
H26C	The International Economy since 1850	23	23	100
H26F	Multinational & International Banking	12	11	92
H27A	Text & Testimony	24	24	100
H28A	Research Methods and Techniques in Archaeology	12	12	100
H28D	A Survey of World Prehistory	16	16	100
H30C	Women and Gender	46	44	96
H30C	Women and Gender (summer)			
H30H	Race and Ethnicity in the British Caribbean since 1838	25	22	88
H30J	Protests and Popular Movements in the British Commonwealth Caribbean since 1945	26	23	89
H30N	Haiti in the 20 th Century	49	48	98
H30Q	The Spanish Caribbean 1810-1879	43	39	91
H30V	Cuba in the 20 th Century	59	57	97
H30Y	Banking in the Commonwealth Caribbean 1836-1990	11	10	91
H31E	Central America 1823 to present	34	30	88
H32C	The Black Experience in the United States after 1865	25	23	92
H32D	From Minstrelsy to Rock an Roll: History of Popular Cultures in the USA	24	22	92
H33A	Origins and Development of Apartheid in South Africa	25	23	92
H33E	Culture, Religion and Nation-building in West Africa since 1500	17	17	100
H33J	Colonialism and Underdevelopment in West Africa since 1500	27	27	100
H34F	Women in Europe	35	31	89
H34G	The Holocaust in History	33	33	100
H35A	Modern Japan: Meiji to Present	35	35	100
H35B	History of the Middle East 1915-1973	24	24	100
H36A	Capitalism and Slavery	20	20	100
H36B	Comparative Economic History of Slavery	8	8	100
H36N	By the Rivers of Babylon: The African Diaspora in the West	36	32	89

H370	History of Political Thought	3	3	100
H38A	Historical Archaeology	19	19	100
H38C	Archaeology of Africa	20	20	100
H39B	A Century of Politics in Free Jamaica	22	22	100
TOTAL		2212	2036	92%

Graduate Students

The numbers of students registering for this year were as follows: - five (5) PhD, nine (15) MPhil, twenty two (22) MA (History), and thirty four (34) MA (Heritage Studies), making a total of seventy six (76) graduate students. Two (2) students were awarded the MA in History.

Code	Course Title	Sat	Passed	%Passed
H60A	The Emergence of West Indian History	14	12	86
H60B	Historiography	11	11	100
H67L	Theory and Methods	17	15	88
H67D	Oral History	8	8	100
H67C	Historic Landscapes & Environmental History	10	10	100
H67B	Artifacts, Museums and Archives	7	7	100
H68B	Cultural Resource Management	8	8	100
H67Q	Business History: Scope, Methodology & Source	N/A	N/A	N/A
TOTAL		75	71	95%

PRIZES AWARDED

Elsa Goveia Prize

– **George Wilson**
Marsha Pryce

Gladwyn Turbutt Prizes:

Archaeology	–	Marcella Phillips
Atlantic History	–	Dionne Brown
Historical Methodology	–	Dionne Brown
European History	–	Hughonette Henry

IIm-Al-Ahsan Prizes:

The Asian World prior to 1600 – **Dionne Brown**

History of Modern China – **Devana Graham**

Modern Japan – **Sylfhen Mcleod**

History of the Middle
East since 1915 – **Shauna Brooks**

Neville Hall Prize – **Carlene Gowie**

Walter Rodney Prize – **Ekhosuehi Iyahan**

DEPARTMENT OF LANGUAGE, LINGUISTICS AND PHILOSOPHY

Kathryn Shields Brodber, BA, PhD, Dip Ed *UWI*
– Head of Department

WORK OF THE DEPARTMENT



International Conference

The department hosted the 10th annual conference of the **International Society for African Philosophy & Studies** between 2nd and 4th April, 2004. The conference brought together leaders in African, African American and Caribbean philosophy, and discussed the theme: “Globalisation, Philosophy & Justice” from these various perspectives. Drs. Bewaji, Bamikole and Harding, assisted by graduate students Roxanne Burton, Simeon Mohansingh,

Harvey Willis, and the administrative staff, led by Mrs. Michele Bryan-Ennis were all instrumental in ensuring the success of this conference.

Undergraduate Students

Innovations to Deal with Expanding numbers

The year 2003-4 saw a large increase in the number of registrations overall, and especially in the number of majors. In Linguistics, this meant that the department had to find new ways of providing students with practice in applying the technical aspects of the subject. This was achieved by the introduction of practical sessions, overseen by Lecturers and assisted by post-graduate students. In Philosophy, some tutorials had to be collapsed into larger seminar groups.

International Exposure

The third year programme again facilitated undergraduate students in Linguistics, assisted by the Student Enrichment Fund of the Office

of Student Financing, to attend field trips overseas, as part of their third year programme. Students in L32A visited an Arawak village in Guyana, while those in L32B were able to interact with Dutch Creole speakers in Guyana.

Local Field Trips

In March, Linguistics students went on a field trip to Mooretown, while Philosophy students visited the National Gallery.

Postgraduate Students

Mona Association of Postgraduate Students

The recently revamped association, under the leadership of Mr. Simeon Mohansingh, President and Ms. Roxanne Burton, Vice President, both students in Philosophy, and Mr. Clive Forrester, Executive Member, a student in Linguistics, held an inaugural conference on the 19th and 20th February 2004. The conference was entitled: Graduate Students and Research: Imperatives for Regional growth and Development. Mr. Mohansingh, Miss Burton and Mr. Kamau Chionesu (Philosophy) and Mr. Forrester, as well as Mr. Joseph Farquharson (Linguistics) presented papers.

Training Programme for Post-graduate Tutors in Linguistics

Under the leadership of Professor Devonish, incoming post-graduate students in Linguistics who were functioning as tutors for the first time, especially for the first-year class of 270 students, were required to attend weekly seminars in effective tutoring in Linguistics at the tertiary level. Students discussed how to structure tutorial activities, run effective tutorials, promote student interaction, foster reading and research. They also participated in table marking of in-course and final examination scripts. The department intends to award certificates to these students.

Participation in International Fora Overseas

In summer 2003, students in Linguistics attended the Summer Institute of the Linguistics Society of America.

Instructors

This year, many of our English Language Instructors attended and presented papers at international conferences, and participated in staff-student seminars.

Jamaican Language Unit

The Unit spearheaded its programme in literacy in Creole for grades 5 and 6, aimed at preparing pupils in the participating schools to enter the creative writing competition launched by the Honourable Louise Bennett in June 2003. The Unit offered training seminars in the Cassidy/LePage writing system to interested teachers.

The Writing Centre

Students in all the English Language Foundation courses were given access to the Centre, and to remediation, where needed. Some Instructors also scheduled their regular tutorials, in which they incorporated computer-assisted learning, in the Centre.

Instructors also volunteered their time to provide extra help to students requiring it, and to run short courses to supplement the offerings available in the Centre.

Summer Programme

The summer programme, in which a total of 18 courses in all three disciplines was offered, continues to be a major source of income for the department, while providing a well sought-after service to students. Some courses were offered to repeaters only, in a tutorial mode, so that students who had failed and required rapid recovery in order to graduate could have the opportunity to do so. Other courses were offered as full courses, for all who wished to register. In summer 2004, there was a total of 756 registrations: 403 in the first-year foundation courses – FD10A and UC120, 189 in UC010, 106 in Philosophy, and 58 in Linguistics.

UC010: Fundamentals of English

As of summer 2004, UC010 was taken off the campus budget, and run by the English Proficiency Test Unit in the department. Since this is a preliminary course, as well as a prerequisite for year-1 Foundation courses, we have strongly recommended to the affected

students that they sit and pass the course in the summer preceding their first year of registration, and focus solely on developing the English Language skills required for passing UC010. We anticipate that, within the next year or two, there will also be a drastic reduction in the regular year-long UC010 programme, with the bulk of registrations occurring in summer.

Quality Assurance Review

A review of the Philosophy Section was held in April 2004. The review team was impressed by what they described as the high quality of the undergraduate programme, which is broad-based, without sacrificing depth, and continues to attract increasingly large numbers of registrations. They also had high praise for the new taught MA in Philosophy, especially for its concentration on African Philosophy, which they saw as making a unique contribution to academic philosophy at the beginning of the 21st century.

The review team also commended the members of staff on their dedication to high quality research in a variety of projects and publications, and their participation in conferences and philosophical activities not just in the Caribbean, but throughout the English-speaking world, including Africa, North America, Europe and even Russia.

Awards and Promotions

The following members of staff received awards and promotions

Dr. Oswald Harding: a CD in the National Honours exercise.

Dr. Silvia Kouwenberg: a Mona Research Fellowship to begin in August 2004

Mrs. Vivette Milson-Whyte: a Fulbright grant to pursue Ph.D studies in the USA

Dr. Ayotunde Bewaji: Post-graduate diploma in Distance Education (PCGE) Commonwealth of Learning (Canada) and Indira Gandhi Open University, India

Mrs. Lilieth O'Connor Brown: an MA in English (UWI)

Professor Hubert Devonish: sabbatical leave for 2004-5

Mrs. Carolyn Dyche and Mrs. Yvette Mundy-Whyte: long service awards for 15 years service to the UWI.

Dr. Earl McKenzie, Dr. Monica Taylor and Dr. Paulette Ramsay: progression up the academic ladder.

RESEARCH IN PROGRESS

Dr. John Ayotunde (Tunde) Bewaji

- Philosophical Analysis of Leadership in African and African Diaspora and its relation to Society and Development.
- Economics of Religion.
- Philosophical Examination of Injustice and Global Violence.
- The place of Philosophy in Distance Education Curriculum Development and Application.
- Development of the Philosophy Discipline, Programme and Faculty at the University of the West Indies, Mona Campus, Kingston, Jamaica.
- Application of philosophical tools to the analysis of issues, problems and beliefs in the Jamaican space – be it in education, business, health, law enforcement, social, political and cultural domain.

Dr. Kathryn Brodber

- An edited volume on language issues in Caribbean discourse
- A study of verbal interaction in Jamaican law courts.

Dr. Silvia Kouwenberg

- Research on reduplication in Caribbean Creole languages, (with Darlene LaCharité, Laval University, Canada)
- “The West African sources of Jamaican Creole grammar and lexicon”

Mrs. Ingrid McLaren

- “Factors related to academic performance of undergraduate students at UWI, Mona” (work on PhD thesis)

Mrs. Vivette Milson-Whyte

- Essay-writing handbook for Jamaican student-teachers.

Mrs. Michelle Stewart

- “The Syntax of Negation in Jamaican Creole” (work on PhD thesis)

PAPERS PRESENTED

Dr. John Ayotunde (Tunde) Bewaji

- “The geographies of reason - remapping the existential model across cultural boundaries”. First Caribbean Philosophical Association Conference, Barbados, 2004/May
- “The glorification of injustice and the globalization of violence” 10th International Society for African Philosophy and Studies (ISAPS) **Conference**, Mona Campus, Jamaica, 2004/April

Dr. Kathryn Brodber

- “Dare to speak English in so-called ‘English Speaking’ Jamaica”, Northern Caribbean University, Mandeville, 2004/March
- “Remembering Dennis Craig.” Seventh Biennial Conference of the School of Education, UWI, Renaissance Jamaica Grande Hotel, Ocho Rios, St. Ann, Jamaica, 2004/April
- “The Voices of Public Advocacy and the Emergence of a Creole Discourse in Jamaica” Caribbean Studies Association (CSA) Conference, St. Kitts, 2004/June

Miss Ingrid McLaren

- “Factors relating to academic achievement among undergraduates at the University of the West Indies Mona

.” PhD Upgrade Seminar, The Director’s Office, School of Education, UWI, Mona. 2004/January

- “Student Learning in Higher Education: Meeting the Demands of Globalization.” Seventh Biennial Conference of the School of Education, UWI, Mona, Renaissance Grande, Ocho Rios, St. Ann, Jamaica. 2004/April
- “Introducing a Graduate Academic Skills Course at UWI, Mona: Challenges and Possibilities.” First ICIC Conference on Written Discourse and Contrastive Rhetoric, Indiana Centre for Intercultural Communication, Indiana University, Purdue (IUPUI). 2004/July

Mrs. Vivette Milson-Whyte

- “Changing Presentations of Fort-de-France in Selected Works by Martinican Writers” 3rd Text and Testimony Collective Conference, City Life in Caribbean History: Celebrating Bridgetown UWI, Cave Hill Campus, Barbados December 11-13, 2003, 2003/December

Ms. Schontal Moore

- “Communicative Language Teaching in Jamaican High Schools”. New Higher Ability English Workshop, Pearson (Longman) Publishers, Trinidad. 2003/October
- “Multimedia, Composition and the Creole Classroom”. Conference on College Composition & Communication, San Antonio, Texas, U.S.A. 2004/March
- “Multimedia in the Writing Classroom at the University of the West Indies, Mona”. Seventh Biennial Conference of the School of Education, UWI, Renaissance Jamaica Grande Hotel, Ocho Rios, St. Ann, Jamaica. 2004/April
- “Transcending Language Barriers: The Power of CALL (Computer Assisted Language Learning)”. 16th Conference of North American and Cuban Philosophers and Social Scientists, University of Havana, Cuba. 2004/June

Dr. Silvia Kouwenberg

- “Identifying the African sources of Jamaican Creole grammar.”
35th Annual Conference on African Linguistics, April 02-04,
2004, African and African American Studies Department & The
W.E.B Dubois Institute at Harvard University, Cambridge,
Massachusetts, USA. 2004/April

PUBLICATIONS

Refereed

Dr. John Ayotunde (Tunde) Bewaji

- * “Ethics and Morality in Society” in Kwasi Wiredu (ed) *Blackwell Companion to African Philosophy*, New York: Basil Blackwell Press.
Pp. 396-403.2004
- * “The Bewaji, Van Binsbergen and Ramose debate on Ubuntu”
in *South African Journal of Philosophy*. Volume 22, No 4, pp. 378-
415. 2004

Non-refereed

Dr. Silvia Kouwenberg

- * Review of: Atlas of the languages of Suriname, edited by Eithne
Carlin & Jacques Arends. Kingston, Jamaica: Ian Randle, 2002.
For: *Gleaner*, September 28, 2003, p.F3, F5.

PUBLIC SERVICE

Dr. John Ayotunde (Tunde) Bewaji

- External Examiner, PhD Philosophy, University of Durban
Westville, Republic of South Africa, 2003-2004.
- Staff Adviser, UWI Mona Debating Society.
- Co-editor, *Journal on African Philosophy*. Electronic Journal. USA.
- Editorial Advisor, *BOLESWA Journal of Theology, Religions and
Philosophy*, Botswana
- Editorial Consultant, *Africana Philosophy*. USA.

- Editorial Consultant, *Quest – An African Journal of Philosophy*. The Netherlands.
- Co-editor, *Philosophical Discussion*. University of Ibadan, Ibadan, Nigeria.

Dr. Kathryn Brodber

- Convenor, Syllabus Panel, CAPE Communication Studies
- Chairman, Board of Governors, The Queen’s Preparatory School.
- Member, Oversight Committee, Rose Hall Basic School, Linstead.

Mrs. Vivette Milson-Whyte

- Member, Executive Committee, Girl Guides Association of Jamaica
- Chair, Hangout Centre Project, Girl Guides Association of Jamaica
- Teacher and Recording Secretary, Sunday School, St. Margaret Church, Liguanea, Jamaica.

Ms. Schontal Moore

- Assistant Examiner for CXC English A. Caribbean Examinations Council
- Judge for annual Secondary and Tertiary Level Essay Competition. Michael Manley Foundation Ltd. –

Dr. Silvia Kouwenberg

- Board member, Irish Town-Redlight-Middleton Clinic.
- Consultant/Technical Assistant, Papine Development Area Committee.

STUDENT AWARDS: Undergraduate

First-Class Honours:

- i) **André Ché Sherriah** (Linguistics)
- ii) **Daidrah Tamara Smith** (Linguistics)

Prizes Awarded:

Foundation Courses:

UC120 (Language: Exposition & Argument):	Eddie Rickardo Whyte
FD10A (English for Academic: Purposes)	Peetra Dorothylin Anderson-Figueroa
UC010 (Fundamentals of English):	Kevin Roger Webster

Linguistics:

Best Level-I Student:	Ruby-Rose Elizabeth Demetrius (L14A, L10A and L10B)
Level-II Theory Prize:	Gayon Sophia Williams (L20A and L20B).
Best Overall Student in Other Level-II Courses:	Gayon Sophia Williams (L21B and L24B).
Level-III Theory Prize:	Dahlia Marie Thompson (L30A and L30B).
Best Overall Student in Other Level-III Courses:	Daidrah Tamara Smith (L32A, L32B, L37A and L331).
John Reinecke Prize - Best Graduating Student:	Daidrah Tamara Smith.

Philosophy:

Best Level-I Student Prize:	Colleen Antoinette Clarke (PH10A and PH10B)
Best Level-II Student Prize (TIE):	Sonia Agatha Wilks (PH20C/71% (A) and PH27B/75% (A)). Natalie Kiva S. Bell (PH26A/75% (A) and PH26B/71% (A)).
Best Level-III Student Prize:	Ava-Loi Forbes (PH36A, PH36B and PH300).

CATEGORIES OF STUDENT:

Undergraduate

Code	Course Title	Sat	Passed	% Passed
FD10A	English for Academic Purposes (Semester 1)	1130 655	57.96	
FD10A	English for Academic Purposes (Semester 2)	1219 761	62.43	
FD10A	English for Academic Purposes (Semester 3)	354 242	68.36	
FD10A	English for Academic Purposes (Supplemental)	39	27	69.23
L10A	Intro. to Philosophy (Semester 2)	146	105	71.92
L10B	Intro. to Syntax (Semester 2)	139	115	82.73
L14A	Intro. to Language & Linguistics (Semester 1)	268 179	66.79	
L14A	Intro. to Language & Linguistics (Semester 2/UWIDEC)	56	25	44.64
L14A	Intro. to Language & Linguistics (Semester 3)	23 13	56.52	
L14A	Intro. to Language & Linguistics (Supplemental)	1	1	100.00
L14B	Intro. to Language Structure (Semester 1/UWIDEC)	41	29	70.73
L14B	Intro. to Language Structure (Semester 2)	57	31	54.39
L20A	Phonology (semester 1)	50	41	82.00
L20B	Syntactic Theory (Semester 1)	52	40	76.92
L20B	Syntactic Theory (Semester 3)	7	6	85.71
L21A	Language Acquisition (Semester 1)	16	14	87.50
L21A	Language Acquisition (Semester 3)	41	35	85.37
L21B	Language Learning and Teaching (Semester 2)	10 7	70.00	
L23A	The Sociology of Language (Semester 1)	73	63	86.30
L23A	The Sociology of Language (Semester 3)	52	46	88.46
L23B	Sociolinguistics (Semester 2).	69	49	71.01
L24B	The Structure of English (Semester 1)	43	39	90.70
L25A	Language, Gender and Sex (Semester 1)	41	41	100.00
L26B	Caribbean Language: Socio-Historical Background (Semester 2)	57	45	78.95
L280	French Lexicon Creole (Semester 2)	6	5	83.33
L28J	Introduction to Structure and Usage of Jamaican Creole (Semester 2)	33	26	78.79
L28J	Introduction to Structure and Usage of Jamaican Creole (Semester 3)	6	5	83.33
L30A	Advanced Phonology (Semester 2)	16	13	81.25
L30B	Advanced Syntax (Semester 2)	13	6	46.15
L30B	Advanced Syntax (Semester 3)	2	2	100.00
L32A	Caribbean Dialectology (Semester 1)	13	9	69.23
L32A	Caribbean Dialectology (Semester 3)	2	1	50.00
L32B	Creole Linguistics (Semester 2).	16	13	81.25
L331	Language Planning (Year Long)	23	22	95.65
L33C	Discourse Analysis (Semester 2)	19	17	89.47
L33D	Language of Negotiation (Semester 1)	20	18	90.00
L37A	Field Methods in Linguistics (Semester 3)	8	8	100.00
LG30A	The Art of Public Speaking (Semester 1)	25	24	96.00
PH10A	Introduction to Logic (Semester 2)	220	152	69.09
PH10A	Introduction to Logic (Semester 3)	24	19	79.17
PH10B	Ethics and Applied Ethics (Semester 2)	280	256	91.43

PH10B	Ethics and Applied Ethics (Semester 3)	23	22	95.65
PH10C	Introduction to Philosophy (Semester 1)	245	205	83.67
PH10C	Introduction to Philosophy (Semester 3)	20	17	85.00
PH10C	Introduction to Philosophy (Supplemental)	1	1	100.00
PH20B	Theory of Knowledge (Semester 2)	57	52	91.23
PH20C	Philosophy of Mind (Semester 1)	89	80	89.89
PH20C	Philosophy of Mind (Semester 3)	12	11	91.67
PH20D	Philosophy of Science (Semester 1)	31	28	90.32
PH20F	Metaphysics (Semester 2)	53	49	92.45
PH26A	African Philosophy I (Semester 1)	31	31	100.00
PH26A	African Philosophy I (Supplemental)	1	1	100.00
PH26B	African Philosophy II (Semester 2)	38	36	94.74
PH27A	Philosophy in Literature (Semester 1)	30	28	93.33
PH27B	Introduction to Philosophy of Art (Semester 2)	43	41	95.35
PH300	Research in Philosophy (Year Long)	15	14	93.33
PH30L	Philosophy of Law (Semester 1)	50	47	94.00
PH36A	Recent Philosophy I (Semester 1)	54	52	96.30
PH36A	Recent Philosophy I (Semester 3)	13	12	92.31
PH36B	Recent Philosophy II (Semester 2)	103	96	93.20
UC001	English Proficiency Examination (Semester 1) 1429	895	62.63	
UC001	English Proficiency Examination (Semester 2) 17	10	58.82	
UC010	Fundamentals of English (Semester 1)	34	34	100.00
UC010	Fundamentals of English (Semester 2)	569	270	47.45
UC010	Fundamentals of English (Semester 3)	143	89	62.24
UC10B	Language: Argument (Semester 2)	10	9	90.00
UC120	Language: Exposition and Argument (Year Long)	758	348	45.91
UC120	Language: Exposition and Argument (Semester 3)	54	42	77.78

DEPARTMENT OF LIBRARY AND INFORMATION STUDIES

**Professor Fay Durrant, MLS *Syracuse*, BLS *Toronto*,
BA Spanish Hons *UWI* – Head of Department**

WORK OF THE DEPARTMENT

Objectives of the Department:



The overall objective of the Department is to provide education for librarians and other information professionals in the Caribbean region.

To achieve this objective the Department continues to

- situate its programmes within the context of the emerging Information Society in the Caribbean;
- undertake research and participate in the development of theories concerning solutions to problems of access to and usability of information in the Caribbean;
- analyze and assess the application of new information and communications technologies to the organization and preservation of information;
- maintain linkages with national and regional professional associations and provide continuing education opportunities to librarians in the Caribbean.

The Strategic focus of the Department's programmes is on :

Caribbean issues relating to library and information systems

Access to Information

Archives and Records Management – expansion of the recently introduced courses into undergraduate and graduate programmes.

Quality assurance

STAFF DEVELOPMENT

Mona Research Fellowship Awards

Dr Cherrell Shelley-Robinson is completing the first year of her Mona Research Fellowship award, working on a critical review of Caribbean Children's Literature.

Prof Fay Durrant has been awarded a Mona Fellowship beginning August 2004.

Mrs Barbara Gordon has been granted Sabbatical Leave for the period 2005/2006

PROGRAMMES OF STUDY

A general orientation session for new and returning students of the Department was held in the Neville Hall Lecture Theatre on Thursday, September 2, 2003, the afternoon of Orientation Week. The University Registrar addressed staff and students on the development of the University and staff gave briefings on the activities of the Department. This meeting provided a formal introduction for new students and enabled all students to be updated on the Department's functions.

GRADUATE PROGRAMME

Master of Arts in Library and Information Studies

Master of Library and Information Studies

Thirty eight graduate students were accepted into the graduate programmes this academic year. Selection was based on interviews which were held in June 2003 to assess the students and to brief them on the requirements for the graduate programme.

There are 87 students registered in the postgraduate programme. In the MALIS programme there are 41 registered students - 9 full-time and 32 part-time while in the MLIS programme there are 45 students registered students - 15 full-time and 30 part-time. There is 1 MPhil student registered part-time.

FELLOWSHIP PROGRAMME

In an effort to enable students to complete the graduate programme, fellowships were granted from the Dorothy Collings Bequest Fund to enable two students Jacqueline Bailey and Carol Grant-Brown, to do their research papers on a full time basis during semester I of this academic year.

There were 86 students registered in the Masters programmes with 40 working on LS680 Research Paper, the final requirement for the degree. Special efforts are being made to assist these students in completing by the end of July of this year. Mrs. Hyacinth Brown who replaced Dr. Cherrell Shelley-Robinson as Research Coordinator, has been meeting with these students to solve some of the problems related to their research projects. The increase in students has resulted in a greater workload for the staff who over the past year have had to supervise an average of 10 research papers and AR3X0 Caribbean studies.

A special orientation session was held for incoming graduate students in early July to enable them to prepare for entry into the programme and to bridge the gap between undergraduate and graduate work.

VISITING RESEARCH STUDENTS

Three graduate students from the University of Michigan School of Information, requested supervision by the Department while they are undertaking research on library services in Jamaica.

UNDERGRADUATE PROGRAMMES

BA Library and Information Studies

BEd School Librarianship (Joint degree with the Dept of Educational Studies)

There are currently 132 LIS Majors registered in the Department where a trend to increasing part-time enrolment has been noted. 69 students are registered full-time and 63 part-time.

27 students were registered in the B.Ed School Librarianship programme of which 23 are full-time and 4 part-time

CURRICULUM REVIEW

The Department undertook a review of the course offerings in a meeting held on Tuesday May 4. These discussions help to reduce potential overlap among courses. It was agreed that there would be greater focus on Caribbean issues and sources of information.

New areas being developed are Access to Information in the Caribbean, Copyright Issues Affecting Caribbean Libraries, and Archives and Records Management which will be supported initially by a recently approved CIDA-funded project.

Expansion of the curriculum will include more indepth coverage of areas of information technology such as Digital Libraries, and Database Management Systems and further development of reference sources on regional issues such as the CARICOM Single Market and Economy.

CONTINUING EDUCATION

During the summer session two continuing education courses were offered: Macromedia Authorware by Ramnauth Sookraj and Indexing using Microsoft Word by Hyacinth Brown.

FIELDWORK

Fieldwork continues to be an integral part of the BA, MLIS and B Ed programmes. Students in the BA programme work three months in a library, under the supervision of a professional. Similarly those in the MLIS programme are assigned for three months and the B Ed School librarianship for six weeks. The fieldwork assignments have been found by students to be very valuable in exposing them to practice in institutions and particularly to active reference services. This year 92 students were placed in Jamaica, Barbados, Trinidad and Tobago, and the United States.

DOROTHY COLLINGS LIBRARY AND LEARNING RESOURCE CENTRE

The Departmental Library has since this year begun offering current awareness services to graduate students via the electronic discussion group used for the graduate class. The results will be assessed and evaluated to determine the effectiveness and appropriate directions for such services in the future.

RESEARCH CENTRE ON CARIBBEAN CHILDREN'S LITERATURE

The establishment of this Centre has enabled the consolidation of Caribbean literature in this area, and has begun to place the Department and the UWI on the map as a source of information on Caribbean children's literature. Dr Cherrell Shelley-Robinson's work during her fellowship will provide valuable input for the development of this Centre.

RESEARCH DAY

The Department participated in Research Day and in addition to the research publications, the exhibition organized by Andrea Robins also provided an innovative information literacy quiz which attracted a number of students.

FUNDRAISING AND SPECIAL PROJECTS

The Canadian International Development Agency has funded a project for \$44,000 Canadian dollars, which will enable the Department to mount one undergraduate and one postgraduate course in Access to Information and Records Management. The undergraduate course will be offered on the Internet, and the postgraduate course will be a combination of face to face and Internet based delivery.

LINKS WITH PROFESSIONAL ASSOCIATIONS LIAJA

The Department has continued to collaborate with the Library and Information Association of Jamaica (LIAJA). LIAJA supports an annual scholarship of \$100,000, which this year was awarded to Nicholas Graham currently a third-year student.

ACURIL

The Department continues to play an active role in ACURIL. Staff served on the Executive and gave presentations at the annual conference. The alumni of the Department held a special breakfast session during the annual ACURIL conference which took place this year in Trinidad and Tobago from May 23-29.

OUTREACH

The Department collaborated with the Jamaica National Commission for Unesco, and the Jamaica Intellectual Property Office (JIPO), with regard to World Book and Copyright Day. The main activities were the panel discussion on Copyright Issues in Jamaica and a quiz for school children on the Jamaican Copyright Law, and Caribbean literature.

The Department also collaborated with the Ministry of Commerce, Science and Technology, and LIAJA in the development of Jamaica's position for the World Summit on the Information Society.

Mr. Ownali Mohamedali visited the University of South Florida School of Library and Information Science in July 2004. The visit facilitated the exchange of ideas on the current trends in library education and the acquisition of literature related to the teaching of library foundation courses and on the accreditation procedures used by the American Library Association. The discussions are also expected to result in assistance in finding suitable fieldwork placements for DLIS students in South Florida libraries.

AWARDS

Dr Cherrell Shelley-Robinson

Book Industry Association of Jamaica (BIAJ) Award for Best Children's Book for 2003

For "Jojo's Treasure Hunt".

Association of Librarians in Jamaica Library Service (ALJALS)
Award for outstanding service to School Librarianship

RESEARCH IN PROGRESS

Prof. Fay Durrant

- Factors contributing to access to information in the Caribbean.
- Assessing digital library software for Caribbean libraries.

Ownali Mohamedali

- Information services for the disabled in the Caribbean.

Dr Cherrell Shelley-Robinson

- Caribbean Children's Literature

Barbara Gordon and Ramnauth Sookraj

- Information technology applications in Jamaican libraries

PAPERS PRESENTED

Prof. Fay Durrant

- 'Assessing digital library software: with special reference to the Greenstone Digital Library Software' ACURIL XXXIV Port of Spain, May 2004 (presented by Audrey Chambers)
- 'Gender Equity, Information and Communications Technology and Connectivity.' Mona Academic Conference 2003: August 2003.
- 'Changing Models for ICT enabled Public Library Access & Usage: from Internet Access to digital libraries.' 2nd Jamaica Internet Forum, Ocho Rios, Jamaica, May 26-28, 2004

Dr Cherrell Shelley-Robinson

- "Motivating Reluctant Readers" – Trinidad & Tobago Reading Association Annual Easter Conference, April 15, 2004.
- 'Indigenous Literature for Caribbean Children' Trinidad & Tobago Reading Association Annual Easter Conference, Port of Spain. April 16, 2004.

- ‘Indigenous Literature for Caribbean Children.’ UWI School of Continuing Studies, Port of Spain. April 20, 2004.
- ‘What happens When Children Read?’ Teachers’ Professional Development Workshop, McNie All Age School, Clarendon, June 14, 2004.
- ‘Writing the Research Report.’ LIAJA Workshop on Research, SALISES, UWI. June 15 2004.

PUBLICATIONS

Refereed

Prof. Fay Durrant

- * Gender Equity, Information and Communications Technology and Connectivity. Bailey, Barbara and Elsa Leo-Rhynie eds. Gender in the 21st Century: Perspectives, Visions and Possibilities, Bridging Epistemologies, Constructing New Paradigms. Ian Randle Publications, March 2004

Mr. Ownali Mohamedali

- * “Adapting to Changes: DLIS Experiences in the Caribbean”. *Journal of Education for Library and Information Science* 45, 2 (Spring 2004):98-110

Mrs. Barbara Gordon

- * Intellectual Access, Filters and Intellectual Freedom In LIAJA Bulletin, 2004

PUBLIC SERVICE

Prof. Fay Durrant

- Member, Jamaica National Commission for Unesco and Chair of the Information for all Committee.
- Board Member, Jamaica Sustainable Development Network
- Member, Jamaica Archives Advisory Committee

- Board Member, National Library of Jamaica
- Board Member, Jamaica Library Service
- First Vice President, Library and Information Association of Jamaica (LIAJA) and Chair, Education and Training Working Party.
- Executive Council Member ACURIL
- Board Member, Institute for Theological and Leadership Development (ITLD)

Dr Cherrell Shelley-Robinson

- Member, Library and Information Association of Jamaica (LIAJA) and Chairperson, LIAJA Schools Section
- Member, Caribbean Publishers Network (CAPNET) and Rapporteur General
- Member, International Association of School Libraries
- Life Member, Jamaica Reading Association

Mr Ownali Mohamedali

- Member, IFLA Roundtable on Audiovisual and Multimedia
- Member, Library and Information Association of Jamaica (LIAJA) Education Working Party
- Member, CILIP (Chartered Institute of Library and Information Professionals, U.K.)
- Member, American Library Association
- Member, Club India
- Member, Indian Cultural Society in Jamaica

Mrs. Barbara Gordon

- Member, Library and Information Association of Jamaica (LIAJA) and Member Research and Publications Working Party

CATEGORIES OF STUDENTS

Registration 2003/2004

	Full-time	Part-time	Total
BA LIS Majors	69	63	132
BEd School Librarianship	23	4	27
MA Library and Information Studies	9	32	41
MLIS	15	30	45
MPhil		1	1
TOTAL	116	130	246

There were 75 Non-LIS majors enrolled in LIS courses during this academic year.

First Class Honours were achieved by Marsha James and Kishma Simpson.

Following are the percentages of students achieving each grade level in the courses offered.

2003/2004 GRADES - UNDERGRADUATES

COURSE	TITLE	GRADES				
		A	B	C	D	F
LS10A	Information and Society	10.7%	19.6%	26.7%	26.7%	16.0%
LS10B	Information Organization and Dissemination	14.5%	20.0%	27.2%	21.8%	16.3%
LS12A	Management of Info. Systems I	24.5%	31.5%	21.0%	14.0%	8.7%
LS12B	Management of Info. Systems II	4.0%	30.0%	34.0%	24.0%	8.0%
LS15A(1)	Computer Literacy for Information Professionals	18.9%	36.1%	32.4%	10.8%	2.7%
LS15A(2)	Computer Literacy for Information Professionals	13.1%	21.0%	42.0%	18.0%	5.2%
LS210	Cataloguing and Classification	10.5%	57.8%	28.9%	0.0%	2.6%
LS21C	Organizing Information in School Libraries	14.2%	42.8%	35.7%	7.1%	0.0%
LS23A	Research Methodology for Information Specialists	5.8%	50.0%	32.0%	0.0%	17.6%
LS22A	Information Resources their communication and conservation	34.2%	57.8%	7.8%	0.0%	0.0%
LS25A	Automation for Information Work I	10.7%	41.0%	21.4%	10.7%	16.0%

LS27A	Audiovisual Information Work I	20.4%	51.0%	12.2%	0.0%	16.3%
LS30C	Public Library Services	28.0%	60.0%	4.0%	0.0%	8.0%
LS30E	School Libraries and Learning Resource Centres	21.4%	67.8%	10.7%	0.0%	0.0%
LS32F	Information Resources in selected environments	20.8%	29.1%	41.6%	0.0%	8.3%
LS35A	Automation in Information Work II	21.2%	54.5%	18.1%	0.0%	6.1%
LS36B	Information Literacy: Content and Process	20.0%	43.3%	20.0%	0.0%	16.6%
LS37A	Audiovisual Information Work II	23.5%	58.8%	14.7%	0.0%	2.9%

2003/2004 GRADES - POSTGRADUATES

COURSE	TITLE	GRADES		
		A	B	F
LS60A	Foundations of Library and Information Studies	3.8%	53.8%	42.3%
LS60B	Information Communication and Society	0.0%	58.8%	41.2%
LS61A	Management of Information Units	6.3%	62.5%	31.3%
LS61B	Management of University and Research Libraries	16.7%	83.3%	0.0%
LS61C	Management of Special Libraries	50.0%	25.0%	25.0%
LS61D	Management of Public Libraries	0.0%	100.0%	0.0%
LS62A	Subject Work in Information Retrieval	5.6%	55.6%	38.9%
LS62B	Catalogue Creation and Use	41.2%	41.2%	17.6%
LS63A	Bibliography and Reference	11.8%	64.7%	23.5%
LS63B	Information Resources in Science and Technology	0.0%	62.5%	37.5%
LS63D	Information Resources in Social Sciences	42.9%	57.1%	0.0%
LS64A	Research in Information	14.3%	65.7%	20.0%
LS65A	Information Technology I	0.0%	52.9%	47.1%
LS65B	Information Technology II	15.6%	75.0%	9.4%
LS66C	Multimedia Librarianship	23.5%	70.6%	5.9%
LS69A	Trends and Issues		23.8%	
57.1%	19.0%			

PRIZES AND AWARDS

Library and Information Association of Jamaica (LIAJA) Scholarship **Nicholas Graham**

UNDERGRADUATE AWARDS

Alumni Award for best performance at Level I **Londa Brown**

COMLA Prize for the best performance at Level II **Monique Forgie** and **Nicholas Graham**

Dorothy Collings Prize for the best performance at Level III **Kishma Simpson**

Daphne Douglas Prize for Personal and Professional Development **Gwendolyn Morris**

Amy Robertson Prize for best performance at Level II BEd (School Librarianship) **Michelle Wiggins**

POSTGRADUATE AWARDS

Dorothy Collings Prize for best performance at postgraduate level **Michelle Gill**

DEPARTMENT OF LITERATURES IN ENGLISH

David Williams, BA, MA *UWI* – Head of Department

WORK OF THE DEPARTMENT



Mr David Williams assumed duties as Head of Department in August 2003, on a three-year appointment and in succession to Professor Carolyn Cooper. Three members of staff went on leave for the 2003/2004 academic year: Dr Victor Chang, Professor Carolyn Cooper and Dr Curdella Forbes. Six Temporary Assistant Lecturers filled vacancies during the academic year – Ms Lisa Brown, Mr Wayne Brown, Mrs Barbara Collash, Mr Harold McDermott, Dr Rachel Moseley-Wood and Ms Tanya

Shirley.

On Thursday, September 25, 2003, Professor Carolyn Cooper gave her inaugural lecture *“Professing Slackness: Language, Authority and Power Within the Academy and Without”* at the Undercroft, UWI, Mona.

On Thursday, October 16, 2003, the Department in association with the UWI Press and the Institute of Caribbean Studies hosted the launch of Professor Maureen Warner-Lewis’s *Central Africa in the Caribbean: Transcending Time, Transforming Cultures*. Professor Barry Chevannes was the special guest speaker. Professor Warner-Lewis’s book subsequently won the award for outstanding research in the Faculty of Humanities and Education.

The Department welcomed two distinguished visitors during semester I: the writer Colin Channer, who addressed students in the West Indian Novel classes on November 18 and November 20 respectively; and Dr Daniel Coleman, Associate Professor of Canadian Literature and Canada Research Chair in Critical Race and Ethnicity Studies, McMaster University, who read from his memoir *The Scent of Eucalyptus: A Missionary Childhood in Ethiopia* on December 9

and did a seminar in the staff/postgraduate seminar series on December 11, 2003

In March 2004, the Department of Literatures in English hosted a benefit performance of the play “Christopher Cum-Buck-Us” to raise funds to assist in its coordination of the annual West Indian Literature Conference.

The Department coordinated and hosted, along with St George’s University, the annual West Indian Literature Conference which was held March 8-11 in St George’s, Grenada. Retired Professor Emeritus, Edward Baugh was the plenary speaker and Dr Merle Collins the visiting Caribbean writer. The planning committee was chaired by Dr Michael Bucknor. The conference was a great success.

The Department in association with the Institute of Caribbean Studies hosted the visit of Dr Merle Collins to the campus during the week of March 15-19. She met with the first year students on March 16 and gave a public reading of her work on March 18, 2004.

The Department assisted in arranging Derek Walcott’s visit to the Mona campus on Wednesday, April 28 for an informal seminar on Caribbean literature and theatre. The Department also helped to organize a series of workshops which Walcott gave in the week of April 26.

The Department continued its series of staff/postgraduate seminars. Recent presenters included Dr Norval Edwards, Ms Lisa Brown, Ms Tanya Shirley and Mr Harold McDermott.

Mr David Williams presented a paper, “Representing Rural Community in the work of Claude McKay, Roger Mais, and Donna Hemans” at “Community of Communities in Partnership for Empowerment: A Woodside/UWI Initiative”, a conference in honour of George Beckford, held at Woodside, St Mary, April 23-24.

On Wednesday, May 5, 2004, the Department hosted a farewell function in honour of Professor Maureen Warner-Lewis who retired at the end of September 2003. Professor Warner-Lewis has recently been named Professor Emeritus. She also received two awards for her book *Central Africa in the Caribbean: Transcending Time, Transforming Culture*. The Book Industry Association of Jamaica Award for best academic publication for 2003 awarded to the UWI Press; The

Gordon K. & Sybil Lewis Award (joint prize) also awarded to the UWI Press.

RESEARCH IN PROGRESS

Dr Michael Bucknor

- “*Body-memory Poetics: Materiality, Meta-textualiaty and Performance in Caribbean/ Canadian Writing.*”
- “ ‘Voices Under the Window’ of Representation: Austin Clarke’s Poetics of Body-memory in *The Meeting Point.*”
- “Troubled and Troubling Perfomances of Caribbean Masculinities Abroad: Austin Clarke’s *The Origin of Waves.*”
- Review of Dionne Brand’s (Trinidadian/Canadian writer) *A Door to the Map of No Return*
- “Caribbean-Canadian in Us Now”—a special Issue on Caribbean/Canadian Writing.
- A bio-critical entry on Barbadian/Canadian writer, Austin Clarke, for *Encyclopedia of the African-American Culture and History: The Black Experience in the Americas.*
- A Bio-critical entry on Barbadian/Canadian writer, Cecil Foster, for *Encyclopedia of the African Diaspora.*

Professor Carolyn Cooper

- “(W)uman Tong(ue): How Me See It – Observations on Jamaican Life,” a selection of the bilingual newspaper columns published in the *Jamaica Observer* between 1993 and 1998.
- “Dancehall Philosophy,” an edited collection of lectures on the Jamaican Music Business hosted by the Reggae Studies Unit.
- “The Art of the Clash,” an edited collection of the presentations given at the eponymous public forum hosted by the Reggae Studies Unit.

Dr Norval Edwards

- *Creolizing Theory: Anglophone Caribbean Criticism in the Twentieth Century*—A monograph on Caribbean literary theories.
- “The Politics of Hybridity and Caribbean Studies”
- Postcolonial Melancholy: Rethinking V.S. Naipaul and Jamaica Kincaid.
- Introduction to forthcoming publications of proceedings of 2nd Conference on Caribbean Culture (in honour of Kamau Brathwaite).
- Review of Lilia Momple’s *Neighbours*

Mr David Williams

- A manuscript on representations of the city in British, American and postcolonial fiction.

PAPERS PRESENTED

Dr Michael Bucknor

- “Writing Performance Criticism.” 23rd Annual Conference on West Indian Literature, St George’s University, Grenada, March 8-11, 2004.

Professor Carolyn Cooper

- “‘Mama, Is That You?’: Erotic Disguise in the Films *Dancehall Queen* and *Babymother*,” Mona Academic Conference, August 2003.
- “‘Meck West Indies Federate’: Celebrating the Arts of Regional Integration in the Poetry of Louise Bennett,” CARICOM 30 Conference, Mona, October 2003.
- “Professing Slackness: Language, Authority and Power Within the Academy and Without,” Inaugural professorial lecture, September 2003.
- “‘Mix Up the Indian With All the Patwa’: Ragamuffin Sounds in ‘Cool’ Britannia,” Keynote, Fourth Annual Conference of the International Association for Languages

and Intercultural Communication, Lancaster University, December 2003.

- “Branding Jamaica: Popular Culture in ‘Post-colonial’ Context.” 23rd Annual Conference on West Indian Literature, St Georges University, Grenada, March 8-11, 2004.

Dr Norval Edwards

- “What Does Hybridity Do?”, 23rd Annual Conference on West Indian Literature, St Georges University, Grenada, March 8-11, 2004.

Dr Curdella Forbes

- “Selling that Caribbean Woman Down the River: Travel Narratives and the Global Economy.” Annual Conference of Association of Caribbean Women Writers and Scholars, Santo Domingo, Dominican Republic, April 26-30, 2004.
- “Trends in Caribbean Literature.” Amherst College, Massachusetts, USA, April 26, 2004.

Dr. Rachel Moseley-Wood

- “Coming in From the Cold: Claiming Centrality in *The Harder They Come*”. 29th Annual Conference on Literature and Film, Florida State University, January, 2004.
- “‘Bad Man Fi Who?’ Constructing Identity in Jamaican Film and Documentary’. 23rd Annual Conference on West Indian Literature, St Georges University, Grenada, March 8-11, 2004.

Mr David Williams

- “‘Writing the Nation’: Critical Discourse as Redemption Song,” at 23rd Annual Conference on West Indian Literature, St George’s University, Grenada, March 8-11, 2004.
- “Representing Rural Community in the work of Claude McKay, Roger Mais, and Donna Hemans,” Conference in honour of George Beckford, April 23-24, 2004.

PUBLICATIONS

Dr Michael Bucknor

Refereed

- * “Staging Seduction: Masculine Performance or the Art of Sex in Colin Channer’s Reggae Romance *Waiting in Vain*.” Special Issue on Jamaican Popular Culture. *Interventions: International Journal of Postcolonial Studies* 6.1 (2004): 67-81.

Dr Victor L. Chang

- * Co-edited Vol. 11 1&2 of *JWTL*
- * Guest-edited Vol. 50, No. 2 of *Caribbean Quarterly* “The Coming of the Chinese to Jamaica: Loving the Heritage in a new Homeland—The Jamaican Experience”. St Michael’s Theological College Publications: Issue 13, pg. 31-39 in *Groundings*, July 2004.

Professor Carolyn Cooper

- * “Branding Jamaica: Popular Culture in ‘Post-colonial’ Context.” *Interventions*, Vol. 6 No. 1, 2004, 1-9.
- * “Introduction” to special issue on Jamaican Popular Culture, co-edited by Carolyn Cooper and Alison Donnell.

Dr Curdella Forbes

- * “Paulette Ramsay’s *Aunt Jen*: A Review.” *Caribbean Quarterly* 50.2 (June 2004)

Dr. Rachel Moseley-Wood

- * “‘Colonizin Englan in Reverse’ – Julian Henriques’ *Babymother*”. *Visual Culture in Britain*, Vol. 5, No. 1, 2004. University of Northumbria, Newcastle Upon Tyne, England.

PUBLIC SERVICE

Dr Michael Bucknor

- Chief Examiner, CAPE Literatures in English for the Caribbean Council
- Member, Editorial Board, *Pathways*
- Editor, *Postcolonial Text*
- Editor, *Journal of West Indian Literature*

Dr Victor L. Chang

- Chairman, *West Indian Association of Commonwealth Literature and Language Studies (WLACLAS)*
- Editor, *Pathways*.

Dr Carolyn Cooper

- Associate, Centre for Urban and Community Research, Goldsmiths College, London University, UK
- Member, National Steering Committee for the UNCTAD/WIPO Music Industry Project, Ministry of Industry, Commerce & Technology
- Member, Steering Committee, Museum for the Development of Popular Jamaican Music, Institute of Jamaica
- Regional Editor, *Interventions: International Journal of Postcolonial Studies*
- Member, International Organizing Committee, “1st Conference of African intellectuals and the Diaspora”, Dakar, October 2004

Dr Norval Edwards

- Panelist, Radio Mona Programme on Advanced Level English Exam Revision Series, May 2004.
- Associate Editor, *Small Axe: A Journal of Criticism*
- Review Editor, *Postcolonial Text*

Dr Curdella Forbes

- Assistant Chief Examiner, English B, Caribbean Examinations Council.
- Editorial Advisor, *Anthurium*, online peer-reviewed journal of original Caribbean works.

Mr David Williams

- Chief Judge, *Jamaica Observer* Literary Awards.
- Judge, poetry and short stories, Jamaica Cultural Development Commission (JCDC) Literary Competition.

CATEGORIES OF STUDENTS

Undergraduate

Number Registered

Year I	666	(383 majors)
Year II	646	(532 majors)
Year III	342	(304 majors)
TOTAL:	1,654	(1,219 majors)

Course Registrations

Semester I		Sat	Pass	Fail	%Pass
E10A	Introduction to Poetry	133	97	36	72.9
E10B	Introduction to Prose Fiction	87	57	30	65.5
E10C	Introduction to Drama	99	86	13	86.8
E10G	Reading & Writing About Literature	47	36	11	76.5
E20C	Poetry and Narrative	67	34	33	50.7
E21C	Modern Prose Fiction	60	49	11	81.6
E22A	Drama I	35	30	5	85.7
E23A	Key Issues in Literary Criticism I	78	53	25	67.9
E25D	The West Indian Novel	32	18	14	56.2
E25E	West Indian Drama	68	55	13	80.8
E31C	The City in Fiction	63	60	3	95.2
E32C	The Romance	55	49	6	89
E32D	Shakespeare I	25	20	5	80
E33S	The Sonnet	15	10	5	66.6
E35D	West Indian Lit. 'Special Author' Seminar	18	17	1	94.4
AR11A	Introduction to Comparative Caribbean Literature: Afro-Caribbean Poetry	24	23	1	95.8
SUB-TOTAL:		<u>906</u>	<u>694</u>	<u>149</u>	

Semester II

E10A	Introduction to Poetry	69	50	19	72.4
E10B	Introduction to Prose Fiction	119	76	43	63.8
E10C	Introduction to Drama	72	55	17	76.3
E20D	Love, Death and Poetry	80	69	11	86.2
E21G	African/Diaspora Women's Narrative	33	20	13	60.6
E21H	Modern American Literary Prose	35	29	6	82.8
E22G	Introduction to Shakespeare	92	75	17	81.5
E25C	West Indian Poetry 56	42	14	75	
E26D	Creative Writing, (Prose Fiction)	11	11	0	100
E33Q	Postcolonial Literature II	30	22	8	73.3
E34B	Classic American Prose Fiction	28	18	10	64.2
E35C	Derek Walcott, Poet	31	20	11	64.5
E37A	African American Literature	62	61	1	98.3

Semester III

E10B	Introduction to Prose Fiction	15	9	6	60
	SUB-TOTAL:	805	644	161	
	TOTAL:	<u>1726</u>	<u>1297</u>	<u>310</u>	

First Class Honours: Dwight Pennycooke

Maria Robinson

Postgraduate

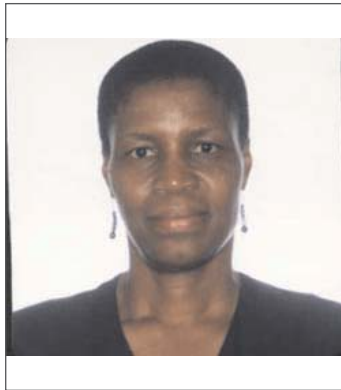
Registration

PhD	5
MPhil.	15
MA	22

DEPARTMENT OF MODERN LANGUAGES AND LITERATURES

Claudette Williams, BA, MA *UWI*, PhD *Stanford*
– Head of Department

WORK OF THE DEPARTMENT



The department gave priority, in the period under review, to the formulation of proposals intended to expand offerings, to offer increased flexibility and to provide practical courses catering for the needs of the students from different disciplines who, in addition to the traditional Language majors, now make up the student body served by this unit.

New courses were developed in Spanish to English Translation, Francophone Business Culture, French for International Conferences, while courses integrating the study of Literature and Film were designed. The Reading courses in French and Spanish previously offered by this department were replaced by Basic French and Basic Spanish courses, which, while satisfying the Foreign Language Requirement, offer the communicative competence which is manifestly a priority for many students. Level 2 and Level 3 Spanish Language courses were semesterized, in the interest of greater flexibility for non-majors (the equivalent French courses had been semesterized the previous year).

Other noteworthy activities during the period include the successful Japanese Speech Contest, in which UWI students of the department won first and third prizes, the continuing summer UWI-Colombia exchange, the organization of Staff/Postgraduate Seminars, and the provision by colleagues in the department (Dr. N’Zengou-Tayo and Dr. Peters) of support to high school French language teachers (including the organization of seminars and workshops for CAPE/A Level students and a collaboration with the Ministry of Education). It should also be observed that the Department began initiatives in

response to the Review of French, which took place during the previous academic year.

STAFF NEWS

The Department notes with regret the retirement, after some 35 years of dedicated service, of Dr. Lal Narinesingh, lecturer in Spanish. Four new members were appointed to teaching positions: Miss Karen Drapeau, French Foreign Assistant, Mrs. Nancy Rodriguez Sanchez-Richards, Spanish Foreign Language Instructor, Miss Aya Kondo, Japanese Instructor, and Mr. Fredy Patiño Durango, Spanish Foreign Assistant.

Congratulations are due to Dr. Marie-José N’Zengou-Tayo, who was awarded the French Distinction “Chevalier de l’Ordre des Palmes Académiques” (Presented by the French Ambassador to Jamaica) in June 2004.

Dr. Marie-José N’Zengou-Tayo was promoted to Senior Lecturer with effect from August 1, 2003.

Dr. H. Peters was elected a member of the Board of Alliance Française on February 5, 2004.

Other departmental activities may be summarized as follows:

In September 2003 eight (8) graduating students of Spanish were assigned to work as English Language Teaching Assistants at various Universities in Colombia for the current academic year. These assistantships fell under a collaborative agreement between UWI and the Colombian Institute for Educational Credit and Technical Studies Abroad (ICETEX).

The department would be employing a Spanish Language Foreign Assistant from Colombia to fulfill the UWI side of the agreement.

The French Embassy in Jamaica continued its support for the teaching and study of French. This year the embassy allocated full scholarships to four (4) or five (5) second or third year students of French to attend a two-week course in French as a Foreign Language at the Guadeloupe Campus of the Université des Antilles-Guyane (UAG), November 17-28.

The 4th annual Japanese Speech Contest was held on January 31, 2004, with marked success. Participants included students of Japanese Language from The Language Training Centre, UTECH and UWI.

In March 2004, fourteen (14) students of the Business French course (F30A) spent the mid-semester break in Guadeloupe where they gained practical experience working in various French business environments.

Twenty-three (23) students taking the Spanish for Travel course (SO1T) spent the mid-semester break in Cuba where they were provided with the opportunity to use the language in a real-life situation relevant to the course.

On April 15, 2004, Prof. Emeritus Keith Ellis presented a seminar entitled “Spanish American Modernism and its Legacy” in the Department’s Staff/Postgraduate Student Seminar Series.

The Spanish Club staged its annual concert Noche Latina at the Philip Sherlock Centre for the Creative Arts on Thursday, April 22, 2004.

RESEARCH IN PROGRESS

Milfort-Ariza, Mireille

- Lexical and syntactic dimension of the contact of French and Creole in Haiti.
- Foreign Language Teaching and Learning in a creolophone country: Implications.

N’Zengou-Tayo, Marie-José

- Literary Representation of Haitian labour migration

Peters, Hugues

- Creation and linguistic analysis of a database of spoken French of Jamaican learners of French.

Williams, Claudette

- Rereading Cuban Anti-slavery Narrative.

PAPERS PRESENTED

Collins, Marlene

- “Speech Act Theory and the Comedia: a Semiological Approach to Characterization in Spanish Golden Age Drama”. International Conference on Arts and Humanities, Hawaii, January 2004.

N’Zengou-Tayo, Marie-José.

- “Fabienne Pasquet’s *La seconde mort de Toussaint Louverture*”. Haitian Studies Association Annual Conference, Florida International University. Miami, October 2003.
- “Romance, Haitian Gothic and History: Barbara Bastien’s *La malédiction des Beaufort*, the Gothic Saga of a Haitian Family.” History Department Symposium on Haiti, U.W.I., Mona. March 2004.
- “Romance, Haitian Gothic, History and the Discourse of Social Criticism: Barbara Bastien’s *La malédiction des Beaufort* and Jessica Fièvre’s *La bête*”. ACWWS Bi-annual Conference, Santo Domingo, Dominican Republic, April 2004.

Peters, Hugues

- “The Syntax of Negotiation in a Corpus of Oral Productions of Jamaican Learners of French L2 at the Undergraduate Level”. Sixth International Symposium on Applied Linguistics and Language Teaching – Beijing University of Aeronautics, Beijing P.R. China, August 2004.
- “The Creation of a Corpus of Oral Productions by Jamaican learners of French L2 for Linguistic Analysis”. Staff Student Seminar Series, Department of Language, Linguistics and Philosophy, U.W.I., Mona, April 2004.

PUBLICATIONS

Refereed

Dr. Françoise Cévaër

- * “Educational Policies in the English-speaking Countries of the Caribbean: the case of CAPE French in Jamaica”,

Caribbean Journal of Education, 24,2 (September 2002 -issued in February 2004): 151-185.

Dr. Marie-José N’Zengou-Tayo.

- * “Imaginary City, Literary Spaces: Port-au-Prince in Some Recent Haitian Fiction”, in *A Pepper-Pot of Cultures: Aspects of Creolization in the Caribbean*. Ed. By Gordon Collier & Ulrich Fleischmann . Matatu 27-28. Amsterdam and New York: Editions Rodopi, 2003, 379-401

Dr. Claudette Williams

- * “Oh Lord I want to be White: The Ambivalence of *Mulatz* in Carmen Colón Pellot’s *Ambar mulato*”. *Bulletin of Latin American Research*, 22,4 (2003): 465-474.

Non-Refereed

Dr Marie-José N’Zengou-Tayo

- * Review of Jacques Stéphen Alexis’s *In the Flicker of an Eyelid*. Translated into English by Carroll Coates and Edwige Danticat. *Callaloo*. 27, 2 (Spring 2004):563-565

Dr. Hugues Peters

- * Review of *Les Belges: enregistreurs de tous les usages*, by Richard Wakely, ed. *Journal of French Language Studies* 14,1 (2004): 86-88.

PUBLIC SERVICE

N’Zengou-Tayo, Marie-José

- Member, French Grades 7-9 curriculum Committee;
- Editor, French Grades 7-9 Curriculum;
- Member, JAFT Professional Development Committee;
- Treasurer, Jamaica Association of French Teachers;
- Vice-President, Haitian Studies Association;
- Member, Committee of French Stakeholders in Jamaica;

- Chair, Haiti 2004 Celebration Committee, Mona Campus.

Peters, Hugues

- Reviewer, *Caribbean Journal of Education*;
- Member, Steering Committees in charge of Professional Development Workshops for French Teachers and of revising National Curriculum for French.
- Member, Board, Alliance Française.

Williams, Claudette

- Reviewer, *Caribbean Quarterly*;
- Reviewer, Caribbean Examinations Council, CAPE and CSEC Syllabuses (Spanish)

CATEGORIES OF STUDENTS

Undergraduate

	French	Japanese	Spanish
Preliminary	203	73	899
Level 1	85	—	347
Level 2	75	—	156
Level 3	62	—	161

Majors graduating

French	6
Spanish	22

First Class Honours:

Fyffe, Kadie-Ann	Double major (French and Spanish)
Jones, Lindy	Spanish major
Venner, Amirh	Double major (French and Spanish)

Postgraduate

MPhil	1	Spanish Mrs. Allison Altidor-Brooks
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Prizes Awarded:

French

William Mailer Prize	Stefane Daley
Prix Jambec	Tasmin Gordon/ Warrick Lattibeaudiere
Gertrud Buscher Prize	Soyini Ashby
French Embassy Prize	Amirh Venner
William Mailer Scholarship	Tasmin Gordon

Spanish

Gabriel Coultard Prize	Sasha Bell
Paul Davis Prize	Michelle Gibson
Kemlin Laurence Prize	

DEPARTMENT OF EDUCATIONAL STUDIES

**Professor Zellynne Jennings-Craig, BA (Hons) *Hull*, MA *Leeds*,
MEd *Birm*, PhD *UWI* – Head of Department**

WORK OF THE DEPARTMENT



A major activity during the first semester was preparation for a Quality Assurance Review of the Department. This provided opportunity for staff to do a thorough assessment of the programme offerings at both undergraduate and post-graduate levels, including the programmes offered by distance. The review team visited between January 26 – 29, 2004 and obtained assessments of the work of the department from representatives of the Ministry of Education, the Jamaica Teachers' Association, students, staff, and administrators in the University. The reviewers were led by Professor Basilious of St. John's University, New York. Professor Marcia Rioux of York University, Ontario was the other external assessor. Mr. Carol Keller, Director of the School of Education, St. Augustine campus, was the reviewer internal to the University and Dr. Randolph Watson, a former principal of Bethlehem Teachers College, was the local reviewer.

Earlier in the academic year the department collaborated with the Institute of Education, the Department of Language, Linguistics, and Philosophy, and the Shortwood Teachers' College in hosting the International Philosophy Day which was held on November 20, 2003. This took the form of a roundtable discussion on "Philosophy, Global Justice and Teacher Education," and was supported by UNESCO.

On March 26, 2004, the department hosted a meeting with the senior officers in the Ministry of Education, Youth and Culture to discuss research priorities in education. A list of areas for research to guide policy decisions was drawn up and prioritized.

On April 15-17, the department joined with the Institute of Education in hosting the Seventh Biennial Conference of the School of Education held at the Renaissance Jamaica Grande Hotel in Ocho Rios. The theme of the conference was “Celebrating Achievements in Caribbean Education: Transformation, Diversity and Collaboration.” Thirteen members of staff presented papers. A special plenary roundtable discussion was held to celebrate the work and accomplishments of Professor Dennis Craig who passed away in February 2004. Professor Craig lectured in the Language Education Department for two and a half decades and held senior positions including Head of Department and Dean of the Faculty of Education.

Members of the department participated in the planning of the Forum on Education which was held in March 22, 2004. The theme this year was “Environmental Sustainability through Education.”

The department’s annual Retreat was held at the Courtleigh Hotel in New Kingston between May 3 and 4. At the Retreat the achievements of the department’s Operational Plan for 2003-2004 were reviewed and the Quality Assurance Review Report was examined, particularly with respect to strengths and weaknesses in Curriculum/Teaching and Learning and in Resources, Quality Assurance and Enhancement. Discussion at the Retreat also centred around strategies for meeting the challenges of international competitors in the tertiary education sector as well as the increasingly difficult financial situation that faces the University. The outcome of the Retreat informed the development of the operational plan of the department for 2004-2005.

Visitors to the department included Dr. Jo Ann Karr of North Eastern Illinois University, Chicago, Illinois who visited during the summer with a group of pre-service teacher education majors who wanted to compare their national and local setting with Jamaica’s with respect to issues relating to culture, family, literacy, and language. Professor Hutchinson and Dr. Miles Irving of Georgia State University visited the department in June to hold discussions on a cross-national research project on students at the tertiary level.

In June the department took part in an Expo on Education held at the Jamaica Hilton Hotel. This afforded an opportunity to showcase the department’s programme offerings as well as its research on literature-based language arts which was presented on video.

Dr. Anthony Bastick took no-pay leave to serve as a consultant in Testing and Measurement to the Ministry of Education in Guyana. Dr. Austin Ezenne and Dr. Sonia Jones were promoted to Senior Lecturer, and Dr. Kola Soyibo was promoted to Professor in May 2004.

Our students continued to perform credibly. Thirty Seven (37) students received first class BEd degrees.

RESEARCH IN PROGRESS

Susan Anderson

- Violence and Aggression at a Kingston High School

Ann-María Bankay

- ¡Chévere! Level 1. and ¡Chévere! Level 2. [text books for use in the high school Spanish programme leading to CXC]
- Translation of Chiriboga's *En la noche de viernes*.
- ¡Chévere! Level 4.
- **Flagaman**. [This is a collection of vignettes designed for children about life in South St. Elizabeth in the 40s, 50s]

Beverley Bryan

- Book on language and literacy teaching in a Creole-speaking environment

Camella Buddo

- Mathematics teachers' perspective on their current practice and how they view their practice in light of their training and expectations of significant others

Gloria Burke

- Perceptions and preferences of part-time students regarding course offerings in Educational Administration at the UWI

Austin Ezenne

- A study of the management of school facilities in Jamaican schools.

- A study of job satisfaction and dissatisfaction among Secondary school teachers in Jamaica.
- The problems and prospects of the double shift system of schooling in Jamaica.
- Multigrade teaching and learning in Jamaican schools.
- School discipline and students' disruptive behaviours in Jamaican High schools.
- Textbook rental schemes in urban and rural High schools in Jamaica.
- Stakeholders accountability in Secondary Education in Jamaica.
- Drug use and abuse in urban and rural High schools in Jamaica.
- Professionalization of Primary and Secondary Education in Jamaica.

Zellynne Jennings-Craig

- The implementation of the revised primary curriculum: A study of Jamaican school teachers and their concerns

Jossett Lewis-Smikle

- Assessment of Literacy Performance

Dian McCallum

- 'Surviving the First Year of Teaching: A Case study of the Induction Experiences of Three newly Qualified Teachers of History' (PhD thesis)

Kola Soyibo

- Relationships among selected learner variables and a sample of Jamaican upper sixth graders' performance in genetics.

PAPERS PRESENTED

Susan Anderson

- “Dealing with conflict and aggression in the classroom: some suggestions.” UWI Biennial Conference, Celebrating Achievements in Caribbean Education: Transformation, Diversity and Collaboration; Jamaica Grande, Ocho Rios, 2004 April 15-17;
- “Perceptions of classroom accommodations among university students with disabilities.” UWI Biennial Conference on Theme: Celebrating Achievements in Caribbean Education: Transformation, Diversity and Collaboration; Jamaica Grande, Ocho Rios, 2004 April 15-17;
- “Attention Deficit Hyperactive Disorders: Tips for teachers - Ideas for attention deficit students.” Workshop paper presented 2004 March, UWI.

Beverley Bryan

- “Towards a Learning Society: Emerging Issues In Developing A Policy And Plan For Literacy in Four OECS Countries.” Seventh Biennial Conference of the School of Education, UWI, Ocho Rios, Jamaica.
- “Literacy: Everybody’s Business.” Literacy Stakeholder Consultations, Kingstown, St Vincent and the Grenadines
- “Raising levels of literacy in the upper primary school.” the Independent Schools Conference. Ocho Rios, Jamaica.

Camella Buddo

- “Shedding Light on Algebra through Geometry”.
- “Exploring the Experience and Views of Some Grade 11 Students in Their Learning of Mathematics.” National Conference of Mathematics Educators (NCME), October 2002, Medallion Hall Hotel, Jamaica.

Austin Ezenne

- “A Comparative Study of the Academic Performance of Online and Face-to-Face Students in ED63A in Postgraduate Education at the University of the West Indies School of Education.” EDUVISION Conference, November 4-7, 2003, Wyndham Rose Hall Resort, Montego Bay, Jamaica.
- “Accountability in Jamaica Education. The Roles of the Stakeholders in Secondary Education.” 2004 Biennial Conference of the Schools of Education, UWI, Kingston, April 15-17, 2004, Jamaica Grande Resort, Ocho Rios, Jamaica.
- “Management of Students’ Disruptive Behaviours in Jamaican Secondary Schools”. 2004 Biennial Conference of the Schools of Education, UWI, Kingston, April 15-17, 2004, Jamaica Grande Resort, Ocho Rios, Jamaica.
- “Enhancing Learning through Technology Innovations: Lessons learned from Online and Face-to-Face Learning in Postgraduate Education at the School of Education, UWI.” 12th World Congress on Comparative Education, October 25-29, 2004, International Convention Centre, Havana, Cuba.

Helen Henningham

- (with Powell C, Walker S, McGregor S) (2003) “Parenting self-esteem and frequency of depressive symptoms of mothers of undernourished Jamaican children.” UWI Medical Sciences Annual Conference, Kingston, Jamaica, 13th November, 2003. (abstract only)
- (with Powell C, Walker S, McGregor S) (2004) “The effect of a parent-focussed early childhood stimulation programme on maternal depression: A randomised controlled trial.” 49th Scientific Meeting of the Caribbean Health Research Council Conference, Grenada, April 21 -24, 2004.
- (with Powell C, Walker S, Guernay J, Grantham-McGregor S) (2004) “Psychosocial stimulation integrated into primary health care services improves the development of

undernourished children.” Caribbean Health Research Council Conference, Grenada, April 22-24, 2004.

Zellynne Jennings-Craig

- “Issues in teacher education for indigenous populations: the case of Guyana” EduVision 2003: A Conference, Wyndham Rose Hall, Montego Bay, Jamaica. November 4-7.
- “Evaluating Teachers and Teaching in Distance Education” The International Symposium on Teacher Education, St. Augustine Campus, Trinidad and Tobago, April 28-30, 2004

Jossett Lewis-Smikle

- ‘Reading Comprehension, Attitudes to Reading and Locus of Control Beliefs of children in Primary and Secondary Schools in Jamaica’. Conference of the Adult Dyslexic Association of Jamaica (ADOJ) Golf View Hotel, Mandeville, November 7, 2003
- (with Wilson, Donald and Grant, Jodi) “Using Children’s Literature to Improve Literacy in the Early Primary Grades: Preparation and Performance” Seventh Biennial Conference of the School of Education, UWI, Renaissance Jamaica Grande Hotel, Ocho Rios, April 15, 2004
- (with Wilson, Donald) “An Evaluation of the Literature-Based Language Arts Project in three Urban Schools” Seventh Biennial Conference of the School of Education, UWI, Renaissance Jamaica Grande Hotel, Ocho Rios, April 16, 2004
- (with Walters, Toni; Webster Paula “Diverse Children’s Literature for Literacy: Learners-Teachers-Researchers” Seventh Biennial Conference of the School of Education, UWI, Renaissance Jamaica Grande Hotel, Ocho Rios, April 16, 2004
- ‘Literacy across the Curriculum’ Morant Bay High School Staff Development Seminar, Morant Bay High School, April 23, 2004

- ‘Addressing Reading Difficulties in the Regular Classroom’ St. Andrew Association of Principals, St. Peter Claver Primary and Junior High School

Dian McCallum

- ‘Instructional Resources for the History Classroom – focus on music’ Jamaica History Teachers Association Conference, Jamaica Pegasus Hotel, September 30, 2003.
- ‘Practicum Again! Interrogating the General Response of College Educated Teachers to Professional Development.’ School of Education Biennial Conference at the Jamaica Grande, Ocho Rios from April 15th to 17th, 2004.
- “Educating Teachers for Participation in the Community Development Process.’ Conference, Woodside, St. Mary, April 23, 2004

Marcia Rainford

- “A Case for Continuous Formative Assessment: A model for its Implementation.” School of Education (Mona) Biennial Conference, April 15-17, Jamaica Grande Hotel, Ocho Rios.
- “Supporting and Maintaining the use of Formative Assessment in Teaching and Learning”, Conference, University of Maine, Maine USA, June 20-22, 2004

PUBLICATIONS

Refereed

Ann-María Bankay

- * Cuentos y Actividades. (2004) Co-author S. Hitchener. Kingston: Arawak Publications.
- * Between Two Silences (2004). Co-author P. Ramsay. Translation of Hilma Contreras Entre dos silencios Kingston: Arawak Publications

Beverley Bryan

- * Reconciling contradictions and moving for change: Towards a Language Education Policy for Jamaica. In: Transforming the Educational Landscape through Curriculum Change, Institute of Education, UWI.
- * Language and Literacy in a Creole-speaking environment: A study of primary schools in Jamaica. In: Language, Culture & Curriculum Vol. 17: 2. Multilingual Matters
- * Jamaican Creole: in the process of becoming. In: Ethnic and Racial Studies, The Caribbean Diaspora. London: Routledge

Camella Buddo

- * “Carib Hi-Sec Maths for the Caribbean – Book 3”, Co-author Carlong Publishers (Caribbean) Limited.

Austin Ezenne

- * With Bastick, T. (eds) (2003) Teaching Caribbean Students: Research on Social Issues in the Caribbean and Abroad. Kingston: Department of Educational Studies, UWI. No. of pages, 488.
- * With Bastick, T. (eds) (2003) Researching Change in Caribbean Education: Curriculum, Teaching and Administration. Kingston: Department of Educational Studies, UWI. No. of pages, 380.
- * With Bastick, T (eds) (2002) Sociology of Education: Research in the Caribbean. Kingston: Education Research Centre, UWI. No. of pages, 255.

Chapters in Refereed Books and Journal

- * “Fostering School and Community Partnership in Education in Jamaica” in T. Bastick and A. Ezenne (eds) 2003, Researching Change in Caribbean Education. Mona: Department of Educational Studies, UWI, pp 297-312.

- * “The Double Shift System of Schooling in Jamaica” in T. Bastick and A. Ezenne (eds) 2003, *Researching Change in Caribbean Education*. Mona: Department of Educational Studies, UWI, pp 313-327.
- * “Use of Cases and Case Method in Teaching and Learning of Educational Administration” in T. Bastick and A. Ezenne (eds) 2003, *Teaching Caribbean Students. Research on Social Issues in the Caribbean and Abroad*, Mona: Department of Educational Studies, UWI, pp. 71-88.
- * “Winning More Science Education Students for the Universities in Jamaica” in T. Bastick and A. Ezenne (eds) (2002), *Sociology of Education*, Mona: Education Research Centre, UWI, pp. 193-205.
- * “Virtual U Online Teaching and Learning in Higher Education” (with Lorraine Cook) 2002, *Caribbean Journal of Education*, Vol. 24, No. 1. April 2002.

Helen Henningham

- * “Feasibility of integrating early stimulation into primary care for undernourished Jamaican children: Cluster randomized controlled trial.” (with C Powell, S Walker, J Guernay, S Grantham-McGregor). *British Medical Journal* (2004): doi: 110.1136/bmj.38132.503472.7C.

Zellynne Jennings-Craig

- * *Labba and Creek Water: Stories from the Caribbean*: United Kingdom: Nelson Thornes.
- * Editor: *Journal of Education and Development in the Caribbean*, Vol. 7, Nos 1&2, 2003

Jossett Lewis-Smikle

- * (2003). Improving Reading Comprehension across the Curriculum: Challenges and Responses. *Journal of Education and Development in the Caribbean*. Vol. 7, Nos. 1 & 2.

Dian McCallum

- * (with J. Gilmore, B. Allen and R. Ramdeen) (2004) *Freedom and Change*. Longman Caribbean

Kola Soyibo

- * (with Rodney, Y. R.) (2003). "Effects of lecture, teacher demonstrations, practical work, and discussion on Jamaican fourth-graders' attitudes to science and knowledge of machines and water. *Journal of Education & Development in the Caribbean*, 7(1 & 2), 27-42.
- * (with Edwards, L.) (2003). Relationships among selected Jamaican ninth-graders' variables and knowledge of matter. *International Journal of Science and Mathematics Education*, 1, 259-281.
- * (2003). The nature of science: Its two images, *Science Focus*, 1(1), 9-13.
- * (with McCulloch, S.) (2003). Relationships among selected learner variables and a sample of Jamaican primary and secondary science teachers' knowledge of plant biology. *Journal of Science and Mathematics Education in Southeast Asia*, 26(1), 44-59.
- * (with Evans, H.) (2002). Effects of a cooperative learning strategy on ninth-graders' understanding of human nutrition. *Australian Science Teachers' Journal*, 48(2), 32-35.
- * (with Jackson, C.) (2002). Effects of instruction on performance in chemical energetics: A study of selected 'A' level students in Kingston, Jamaica. *Caribbean Journal of Education*, 24(2), 186-201.

Non-Refereed

Helen Henningham

- * "Review of the Jamaican literature on early childhood education." (2004) Children's Issues Coalition, UWI, Mona

Zellynne Jennings-Craig

- * Draft Curriculum Policy for the primary and lower secondary education system of Grenada

PUBLIC SERVICE

Susan Anderson

- Coordinator, staff/student Liaison Committee for Department of Educational Studies;
- Faculty representative/trainer with UWIHARP ;
- Adviser/resource personnel, Lion Club of Mona
- Coordinator, Managing Learning Difficulties Programme (MLDP);
- University representative, Board of Management, Hope Valley Experimental School;
- Member, Advisory Committee for Students with Disabilities on Campus;
- Mentor, Mentorship Programme for students on campus;
- University Representative, Board of Management, Jamaica Institute for Excellence in Education (JIEE);
- Board Member, Sir John Golding Institution.

Ann-María Bankay

- Member, Board of Directors, Quest Security Services Ltd.
- Chief/External Examiner for French/Spanish Joint Board of Teacher Education
- Asst. Chief Examiner, CXC Spanish
- Chief External Examiner, Council of Community Colleges of Jamaica

Camella Buddo

- Member, monitoring committee to oversee the implementation of a Numeracy strategy. Ministry of Education, Youth & Culture

- Assistant Examiner, for the local Secondary School Certificate (SSC) examination.
- External Examiner, Mathematics. (VTDI) HEART Trust-NTA

Workshops

- Steering Committee, National Conference of Mathematics Educators (NCME)

Gloria Burke

- Member, Advisory Committee, Foundation for International Training
- External Examiner, JBTE in Physical Education and Language Arts

Austin Ezenne

- Member, Research and Publication Committee, Jamaica Association for Human Resource Development (JATAD)
- Member, Association for Supervision and Curriculum Development (ASCD, USA)
- Member, British Society for Research into Higher Education (SRHE)
- Member, Church Council, St. Peter and Paul Church, Kingston
- Supervisor, Students' Practicum and Community based projects

Helen Henningham

- Member, Jamaican Coalition on Disability
- Member, International Society of Early Intervention

Zellynne Jennings-Craig

- Curriculum Development Adviser, Organisation of Eastern Caribbean States Department for International Development, UK. OECS: Education Development Project.

- Member, American Educational Research Association
- Member, Association for Supervision and Curriculum Development
- Member, National Council on Education

Jossett Lewis-Smikle

- Member, Editorial Committee, The Clarion – the professional magazine of the Jamaica Teachers’ Association
- Member, Executive Committee, Inter-Preparatory/ Primary School Debating Competition
- External Examiner, Council of Community Colleges of Jamaica (CCCJ) - Language and Communication.

Dian McCallum

- External Examiner, for Caribbean Studies, Council of Community Colleges of Jamaica (CCCJ)

Marcia Rainford

- Assistant Chief Examiner, CXC chemistry
- External Examiner, JBTE Science Education Examination.
- Member, Board of the Greendale United Church Basic School.

Kola Soyibo

- Volunteer Member, Professor Verene Sherpherd’s Sub-Committee of the Task-Force Committee on the Implementation of the Strategic Challenges Confronting UWI, Mona
- Associate Editor, Caribbean Annals, NCU, Mandeville.
- Associate Editor, *International Journal of Science and Mathematics Education*, CUT, Perth, Australia.

Performance of Students in the BEd Programme 2003-2004

OPTION	First Class	Upper Second	Lower Second	Pass	Fail	Total
Mathematics Education	2	6	8	1	4	21
Early Childhood Education	1	14	13	–	–	28
Language Edu.: Lit. Stds.	4	12	3	–	1	20
Primary	8	12	2	–	–	22
Science Education	4	3	2	2	1	12
Educational Admin.	5	20	5	1	2	33
Social Stds./Geography	4	13	–	–	–	17
Managing Learning Difficulties	1	13	4	2	4	24
Special Education	2	2	–	–	–	4
Librarianship	2	4	2	1	3	12
Language Edu.: English	1	4	7	2	1	15
Spanish	1	2	2	–	1	6
History Education	1	5	2	1	2	21
TOTAL	36	120	40	10	19	235

Performance of Postgraduate Diploma in Education Students 2003-2004

NO.		THEORY				PRACTICE				INCOMPLETE	
		Fail	Pass	Credit	Dist.	Fail	Pass	Credit	Dist.	Theory	Practice
7	Mathematics Education	–	–	3	–	–	5	1	–	4	1
6	Science Education	–	1	2	–	–	1	2	–	3	3
15	Educational Admin.	–	–	8	2	–	–	1	13	5	1
10	Social Studies/Geog.	–	–	6	2	–	–	5	4	2	1
13	Language Edu.: English	–	2	6	2	–	3	7	–	3	3
12	Spanish	–	2	5	2	–	6	3	3	3	–
17	History Education	–	–	9	1	–	4	11	2	6	–
80	TOTAL	1	5	39	9	–	19	30	22	26	9

BEd. SECONDARY (DISTANCE) PROGRAMME

STUDENT OFFERS –(2003/4-2007)

Site	History	Maths	Physics	Chem	Bio	CS	Geo	Span	Fren	English	Total
Browns T	1			1	1	1				1	5
Denbigh	3	5			2	1	2	2		5	20
M/ville	3	6		2	8	3	5	1		11	39
Mona	13	24	*1	1	9	11	8	5	1	23	96
MoBay	7	2	*1		1	1	2			6	19
Morant B	3	1		1	3	1		1		3	13
Port An	1	6				2				1	10
Savamar	2	2			3		1	1		4	13
Och Rios	4	4		2			1	2		4	17
Vere	1				1						2
TOTAL	38	50	2	7	28	20	19	12	1	58	236

* Students joined the 2002/3 cohort.

MEd (Face to Face) Programme – 2003/2004 academic year

Specialization	No. of New Students	Qualifying Students	No. of Returning Students
Mathematic Education	9	10	9
Science Education	12	0	15
Primary Education	13	2	18
Educational Psychology	26	51	5
Curriculum Development	26	15	25
Language Education	12	5	5
Modern Language	5	0	7
Ed Administration	0	0	80
Geography/Social Studies Education	0	0	23
Teacher Education	0	0	12
Total	103	83	200

MEd On-Line Programme: 2003/2004 academic year

Teacher Education	Educational Administration		Qualifying Ed Admin	
New Students	Returning Students	New Students	Returning Students	New Students
11	22	20	30	24

MPhil /PhD Programme – 2003/2004 academic year

MPhil		PhD	
New Students	Returning Students	New Students	Returning Students
13	34	0	8

INSTITUTE OF EDUCATION

Joan Tucker, ARCM *Lond*, Dip Ed, MA *UWI*
– Head of Department

WORK OF THE DEPARTMENT



The Institute of Education's 40th Anniversary

The Institute of Education celebrated its 40th anniversary in 2003 and a number of activities marked the event.

EduVision 2003, an international conference on teacher education and technology was one such event, although the conference was designed to have many purposes. One purpose was to bring together special partners and contributors to educational development.

Sixteen countries were represented. Hosted by the Ministry of Education, Youth and Culture (MOEYC); the Institute of Education; and the Jamaica Teachers' Association on November 4-7, 2003, the conference theme was appropriately "Enhancing Teaching and Learning through Partnership and Innovation". The conference honoured two organizations (IDB and OECS) and three outstanding educators – **Dr. Ruby King**, **Senator Burchell Whiteman**, and **Professor Errol Miller**.

Caribbean Centre of Excellence for Teacher Training (CCETT)

The Caribbean Centre of Excellence for Teacher Training programme, launched in 2003 as one of three centres in Latin America and the Caribbean to equip teachers at the early primary level to improve the teaching of reading, has been extended to September 2006. Operating out of seven Caribbean countries involving fourteen colleges training primary school teachers and one hundred and forty-five primary schools, the CCETT has enrolled over twenty thousand students. Scholastic Inc. has made two donations of children's books to the project.

Primary Education Support Project (PESP)

To support the MOEYC's primary curriculum, the development and revision of teachers' college courses in visual arts, music, physical education/movement, drama, religious education and educational studies progressed to allow for the piloting of most courses. On-site visits and seminars over the year allowed students and lecturers to analyse progress and assess strengths and weakness. Teaching materials were developed to support all syllabuses.

MEd Leadership in Early Childhood Development Project

This programme, which is part of the Child Focus 2 project funded by the International Development Bank (IDB), was launched officially on 28 June 2004. Twenty-five students from across the region, ten of whom are on IDB scholarships, were registered in summer and on-line courses.

Collaborative Research

Dr. Lorna Down, Dr. Clement Lambert and Mrs. Ceva McPherson-Kerr comprise the team of IOE staff that is researching the contexts and practices of the Change From Within project. The project, which is directed by Mrs. Pauletta Chevannes, assists schools in developing strategies that address unsocial and violent behaviour and motivate children to learn. Data collected in Phase 1 were presented to the Prime Minister's Task Force on Education in June 2004.

Global Fund Project

The project, which began in 2004, aims to strengthen the multi-sectoral national response to the HIV/AIDS epidemic in Jamaica. The Joint Board of Teacher Education (JBTE) in collaboration with UWI HARP, is responsible for the formalization of Health and Family Life Education and HIV/AIDS education in 13 teachers colleges. In addition, needs assessments in the institutions training teacher educators for HFLE education, and the development of a HIV/AIDS education training manual are being undertaken. Mrs Vileitha Davis-Morrison is spearheading the project on behalf of the JBTE.

INFORMATION AND COMMUNICATION TECHNOLOGY

A committee led by Dr. Earl Brown directed the work in this area. During the year under review:

- Substantial progress has been made in developing the Institute's wireless wide area network, with the objective to provide audio/visual/conferencing capabilities between the IOE/JBTE, selected teachers' colleges and school clusters participating in the regional Caribbean Centre of Excellence for Teacher Training (CCETT) - Phase one to be completed in 2005.
- Supporting CCETT, a School Manager system developed in-house and currently used in some technical high schools, was extended to participating primary schools across the region to monitor progress in the reading objectives of the project.
- The College Manager system has also been extended to several more teachers colleges in Jamaica to continue the build-up of research data on student-teacher performance.
- The codification of all JBTE courses continues.
- The M.Ed on-line programme, launched in 2001 as a self-financing programme, and supported by our Virtual University (VU) system is attracting enrollments at a rate of approximately 30 new students a year to the Teacher Education and Educational Administration specializations.

PUBLICATIONS UNIT

To mark the Institute's 40th anniversary the book *Research and Development in Education 1997-2002* was published. It is a collation of research and development projects, publications and papers presented at conferences by IOE staff and their associates. Ruby King designed, compiled and edited the publication and was assisted by Lorna Down, Ceva McPherson-Kerr and other members of staff. Earl Brown prepared the electronic version.

The Publications Unit's output also included the *IOE Annual* Vol. 4 (Eds.) Ruby King and Halden Morris; *Caribbean Journal of Education* Vol. 24, no. 2; and a book *Transforming the Educational Landscape through*

Curriculum Change (Eds.) Monica Brown and Clement Lambert. Sonia Chin, Publications Officer, was on sabbatical and was replaced by Cecille Maye-Hemmings. Sherron Duffus was Production Assistant

STAFF

Errol Miller was awarded the Order of Jamaica, the Albert Shanker Education Award, the EduVision 2003 Award for Excellence and was inducted into the Caribbean Hall of Fame for Art and Development.

Ruby King, who retired from full-time service but continues to serve the department as a part-time senior lecturer, was awarded an Order of Distinction in the rank of Commander (CD) for her services to education as well as an EduVision 2003 Award for Excellence.

Hyacinth Evans was appointed Director of the School of Education/Deputy Dean of the Faculty of Humanities and Education.

Joan Tucker was appointed to the Prime Minister's task force on education.

Vilma Charlton acted as Manager and Chef de Mission of the Caribbean Islands Swimming Championships swim team held in Jamaica and as track and field official in the Jamaica Teachers Association/Caribbean Union of Teachers Track and Field meet.

Dr. Earl Brown provided advice and guidance to the Integrated Student Administration System (ISAS) development project at the University of Technology in the area of system testing and quality assurance.

Ceva McPherson-Kerr organized the research day exhibition and collaborated with **Cecille Maye-Hemmings** to organize exhibitions of the Institute's work at the EduVision Conference, November 2003 and the School of Education's Biennial Conference, April 2004.

Members of staff provided assistance in planning and organizing the School of Education's seventh Biennial Conference, April 2004.

RESEARCH IN PROGRESS

Dr. Earl Brown

- Building cost-effective educational technology solutions using bundled elements.

Miss Vilma Charlton

- The Importance of Practice in Learning to Teach Physical Education: The Case for an Extended Practicum.
- Examining Teachers' Attitudes Toward Teaching Physical Education

Mrs. Marceline Collins-Figueroa

- Beliefs and practices of Jamaican teacher educators in environmental education: A qualitative case study (PhD thesis).
- The adoption of environmental education in Jamaican teachers' colleges.

Mrs. Vileitha Davis-Morrison

- Citizenship Education
- HIV/AIDS and Teacher Education
- Urban Education with emphasis on inner city schools.

Dr. Lorna Down

- A study of the Change From Within Project.
- Literature and Education for Sustainable Development

Prof. Hyacinth Evans

- An ethnographic study of adolescents at an urban high school
- Interviews with Jamaican educators

Dr. Clement Lambert

- A study of the Change From Within Project.

- The development of strategies to improve full literacy in Jamaica using multiple modalities to teach adult literacy learners.
- Teacher Education and curriculum reform.

Mrs. Ceva McPherson-Kerr

- A study of the Change From Within Project.
- Investigating Mathematics at the CXC general proficiency level.

Prof. Errol Miller

- Standards in education in the Caribbean
- Male marginalisation and gender changes in society and the education system.
- The reassessment of existing explanations of feminisation of teaching in light of historical and contemporary data from different parts of the world.
- The home, social and educational background of students entering the secondary school system in relation to their level of achievement in reading in a selected number of secondary schools.
- Information and communication technologies and their application within the education systems in the Caribbean

Dr. Halden Morris

- Evaluation of the technical component of the Primary Education Support Project through TecSult Inc of Canada
- Second phase of evaluating computer usage in schools by secondary level students

Dr. Moses Peart

- Strategic Planning for Infusion of Technology in Education: A study of the planning process of teachers and school administrators involved in the National Housing Trust's "Computers in Schools Project" in all 14 parishes.

Dr. Nadine Scott

- The Redemption Song Monument: A Mirror of Jamaica's Socio-Cultural and Aesthetic Heritage.
- Caribbean Art, Design & Visual Culture.

Miss Joan Tucker

- Developing, piloting and implementing syllabus for CXC in music.
- Early musical education and field experiences of student teachers.

PAPERS PRESENTED

Miss Vilma Charlton

- “Women in Sport: National Initiatives in Jamaica”. International Olympic Committee Sub-Regional Seminar for Women in Sport, Trinidad and Tobago, Sept. 2003.
- “Projects carried out by the Jamaican Olympians in 2002-2003,” November 2003, 4pp; World Olympians Association. Lausanne, Switzerland.

Mrs. Marceline Collins-Figueroa

- “A case study of the adoption of environmental education in a Jamaican teachers college”, Biennial Conference of the School of Education, Faculty of Humanities and Education, UWI, Mona, Jamaica, April 2004.
- “Environmental education in JBTE curricula”, workshop of the Sustainable Teacher Environmental Education Project, MIND, Kingston, March 2004.

Dr. Rose Davies

- “Learning outcomes for children three to five years old”, Regional Workshop on Learning Outcomes in Early Childhood, at Accra Beach Hotel, Barbados, May 10-13, 2004
- “Practitioner and Teacher Training to Support Learning Outcomes”, Regional Workshop on Learning Outcomes in Early

Childhood, at Accra Beach Hotel, Barbados, May 10-13, 2004

Mrs. Vileitha Davis-Morrison

- “The Place of HIV/AIDS in the Teachers College Curriculum: Challenges and Possibilities”. Biennial Conference of the School of Education, Faculty of Humanities and Education, UWI, Mona, Jamaica, April 2004.
- “Teacher Training for Citizenship Education: Opportunities and Challenges”. Citizenship Education Workshop: Preparing Teachers as Educators for Citizenship. UNESCO and The International Bureau of Education (IBE), Montego Bay, Jamaica, November 2004.

Dr. Lorna Down

- “Peace Education for Sustainable Communities” Sustainable Communities Conference, Vermont, July 2004.
- “Literature and Education for Sustainable Development” Grand Opening of ‘Learning to Change Our World’, International Consultation on Education for Sustainable Development, Goteborg Concert Hall, Sweden, May 2004.
- “Literature – A Classroom Tool for Transformation and Sustainability” Biennial Conference of the School of Education, Faculty of Humanities and Education, UWI, Mona, Jamaica, April 2004.
- “New Hegemonies – The Critical Tradition and the Fiction of Earl Lovelace”, Twenty-third Annual Conference on West Indian Literature, St. George’s University, Grenada, March 2004.
- “Establishing Networks of Cooperation for Peace – Reflections on the UNESCO/MICO/IOE “Literature for Sustainable Development Project” – (with Karen Morgan) EduVision Conference 2003: International Conference on Teacher Education and Technology, Jamaica, November 2003.

- “The Nature and Prevalence of Violence in Jamaican Schools with Special Reference to the Change from Within Project” (with C. Lambert and C. McPherson-Kerr). Prime Minister’s Task Force on Education, Kingston, June 23, 2004.

Prof. Hyacinth Evans

- “Preparing the School System to Respond to the Underachievement of Boys”, Task Force on the Reduction of Violence in Schools, March 2004, Kingston, Jamaica.
- “The Construction of Achievement in a Secondary School in Jamaica”, Biennial Conference of the School of Education, Faculty of Humanities and Education, UWI, Mona, Jamaica, April 2004.
- “Models of Teacher Education”, International Symposium on Teacher Education, UWI, St Augustine, April 2004, Trinidad and Tobago.
- “Accountability in Education”, Fortieth Jamaica Teachers Association Conference, April 2004, Ocho Rios, Jamaica.
- “Analysis of Institutional Provisions and Capacity for the Orientation and Induction of New Teachers, Paper prepared for the MOEYC, 2004, 18 pp.

Dr. Clement Lambert

- “The Nature and Prevalence of Violence in Jamaican Schools with Special Reference to the Change From Within Project” (with L. Down and C. McPherson-Kerr). Prime Minister’s Task Force on Education, June 2004, Kingston, Jamaica.
- “Providing Education Access to At-risk Jamaican Youth through Radio Literacy Programmes.” Biennial Conference of the School of Education, Faculty of Humanities and Education, UWI, Mona, April 2004, Jamaica.
- “Teaching Teachers to Teach Reading.” Caribbean Centre of Excellence For Teacher Training Workshop For Reading Specialists And College Lecturers June 30 – July 3, 2003, Montego Bay, Jamaica.

Mrs. Ceva McPherson-Kerr

- “The Nature and Prevalence of Violence in Jamaican Schools with Special Reference to the Change from Within Project (with C. Lambert and L. Down). Prime Minister’s Task Force on Education, June 2004, Kingston, Jamaica.

Prof. Errol Miller

- “Male Marginalisation Revisited.” Mona Academic Conference, UWI, Mona, August, 2003.
- “Technology and the Professional Development of the Teacher.” EduVision Conference, Montego Bay, Jamaica. November, 2003.
- “Mission: The New Environment”. Jamaica Baptist Union Mission Conference. Ocho Rios, Jamaica, November 2003.
- “Leadership in Education: Strengthening US/Jamaica Connections.” Jamaica/United States Dialogue on Education, Kingston, February 2004.
- “Making Changes: Utilising the CCETT As A Catalyst For Regional Reform of Teacher Education Policies and Practice.” Comparative Education Studies Society Conference, Salt Lake City, March 2004.
- “Teacher Education in the Commonwealth Caribbean: Retrospect and Prospect.” The International Symposium on Teacher Education. Port of Spain, Trinidad, April 2004.
- “Teacher Education in Belize: Challenge and Change.” The Belize Education Summit, Belize City, May 2004.
- “Employing Information and Communication Technologies in the Caribbean CETT.” Virtual EDUCO 2003. Barcelona, Spain, June 2004.

Dr. Halden Morris

- “How to Effectively Integrate Technology into Teacher Education.” EduVision Conference 2003, Montego Bay, Jamaica, November 2003.

- “The Nuts and Bolts of Leadership in Technical & Vocational Education 2004.” Biennial Conference of the School of Education, Faculty of Humanities and Education, UWI, Mona, April 2004, Jamaica.

Dr. Moses Peart

- “Designing Technology-rich Instructional Plans.” EduVision Conference 2003, Montego Bay, Jamaica, November 2003.

Dr. Nadine Scott

- “Community-based Art Education and Visual Culture.” Inaugural Meeting of CREATE – Caribbean Association of Artists and Art Educators, Kingston, Jamaica, October 2003.
- “Practising What We Preach: Testing Accelerated Learning Methodologies and Brain Research Philosophies in the Teaching of the Visual Arts at the Tertiary Level”. EduVision Conference 2003, Montego Bay, Jamaica, November 2003.

Miss Joan Tucker

- “The Effects of Technology on Music and Music Education” (with M. Dyke and J. Ismay-Kerr), EduVision Conference 2003, Montego Bay, Jamaica, November 2003.

PUBLICATIONS

Refereed:

Mrs. Marceline Collins-Figueroa

- * “Guidelines for Environmental Clubs”, (with Janice HoLung) Institute of Education, 2004, 52 pp.
- * “An Environmental Steward’s Handbook”, (with Janice HoLung) Institute of Education, 2004, 47 pp.

Mrs. Vileitha Davis-Morrison

- * “Citizenship Education and the Reform of the Primary Teacher Education Social Studies Curriculum in Jamaica”. *Transforming the Educational Landscape through Curriculum Change*.

Monica Brown and Clement Lambert (eds.). Institute of Education, UWI, 2004, pp 65-83.

- * “The Revised Jamaican Teacher Education Curriculum: Stakeholders’ Responses to Language Arts and Social Studies Components. *Institute of Education Annual: Perspectives on Education in the Caribbean*, Ruby King and H. Morris (eds). Volume 4, 2003, pp 105-119.

Dr. Lorna Down

- * “Navigating the Web of Place – Trapped Identities in Donna Hemans’ River Woman.” *Anthurium: A Journal of Caribbean Literary Studies*, 2: (1) 2004.
<http://scholar.library.miami.edu/anthurium>
- * “Infusing Key Issues of Sustainability in the Teaching of Literature.” *Institute of Education Annual: Perspectives on Education in the Caribbean*, Ruby King and H. Morris (eds). Volume 4, 2003, pp. 90-104.

Prof. Hyacinth Evans

- * “Teacher Education and Teaching Quality in Cuban Schools.” *Institute of Education Annual: Perspectives on Education in the Caribbean*, Ruby King and H. Morris (eds). Volume 4, 2003, pp. 71-89.

Dr. Clement Lambert

- * “Integrating Computers in the Jamaican Language Arts Curriculum.” *Transforming the Educational Landscape through Curriculum Change*. Monica Brown and Clement Lambert (eds.). Institute of Education, UWI, 2004, pp. 129-147.
- * “The Revised Jamaican Teacher Education Curriculum: Stakeholders’ Responses to the Language Arts and Social Studies Components.” *Institute of Education Annual: Perspectives on Education in the Caribbean*, Ruby King and H. Morris (eds). Volume 4, 2003, pp. 105-119.

Prof. Errol Miller

- * “The Introduction of Computers in Secondary Schools in Jamaica: A case of bottom up reform”. Chapter 5 in *Adapting Technology for School Improvement*, David W. Chapman and Lars O. Mahlck (eds.) International Institute for Education Planning. Paris, 2004, pp. 101-121.
- * “Male Marginalisation Revisited.” Chapter 5 in *Gender in the 21st Century: Caribbean Perspectives, Visions and Possibilities*. Barbara Bailey and Elsa Leo-Rhynie (eds). Ian Randle Publishers. Kingston. 2004, pp. 99-133.

Dr. Halden Morris

- * Co-editor, *Institute of Education Annual: Perspectives on Education in the Caribbean* (with Ruby King). Volume 4, 2003.
- * “Critical Ingredients for Integrating Information Technology into the Education System.” *Institute of Education Annual: Perspectives on Education in the Caribbean*, Ruby King and H. Morris (eds). Volume 4, 2003, pp. 15-29.
- * “Reforming Technical/Vocational Education Curricula through Interaction with Industrial and Commercial Organizations.” *Transforming the Educational Landscape through Curriculum Change*. Monica Brown and Clement Lambert (eds.). Institute of Education, UWI, 2004, pp. 148-162.

Miss Joan Tucker

- * “Starting from Scratch: CXC Music Examinations for Caribbean Schools.” *Institute of Education Annual: Perspectives on Education in the Caribbean*, Ruby King and Halden Morris (eds.), Volume 4, 2003, pp.52-68.

Non-Refereed

Miss Vilma Charlton

- * *Athletes Handbook*, 3rd Edition (with Attorney Lincoln Eatmon). The Ant Printery Ltd, 2004, 8 pp.

Dr. Moses Peart

- * Evaluation of the National Programme for the Prevention and Elimination of Child Labour in Jamaica and Simpoc Survey. A publication of the International Labour Organization/ International Program on Elimination of Child Labour, June 2004.

Dr. Nadine Scott

- * “The State of Teacher Education and Training in Jamaica and Open and Distance Learning Models of Teacher Education in Jamaica” (with Elaine Foster-Allen and Vilma McClenan). Report by The Commonwealth of Learning, pp. 61 – 69.

PUBLIC SERVICE

Miss Vilma Charlton

- 4th Vice President, Jamaica Amateur Athletic Association
- Member, Jamaica Physical Education Association
- Member, National Sports Council
- Director, Carreras Sports Foundation
- Member, ICPHER. SD in the area of Physical Education at the Primary and Secondary Levels
- Representative, Women’s Committee – North America, Central America and Caribbean Region
- Jamaica Representative, World Olympic Association
- Member, International Council for Health, Physical Education and Recreation, Sport and Dance.

Mrs. Marceline Collins-Figueroa

- Commissioner, National Commission on Science and Technology, Office of the Prime Minister.
- Executive Member, National Environmental Education Committee, National Environment and Planning Agency.

- Member, Commission on Education and Communication, North America and the Caribbean Region, the World Conservation Union (IUCN).
- Member, Association of Science Teachers of Jamaica.

Dr. Rose Davies

- Early Childhood Commissioner, Government of Jamaica
- Vice Chairman, Board of Directors - Shortwood Teachers' College
- Chairman, Management Board, Dudley Grant Early Childhood Resource Centre, UWI
- Member, Steering Committee- Caribbean Support Initiative (BVLFI)
- Member, Children's Issues Coalition (UWI)
- Member, Lead Group for Development of MOEYC Early Childhood Curriculum

Mrs. Vileitha Davis-Morrison

- Member, Geography Teachers' Association of Jamaica
- Member, American Studies Association of Jamaica
- Member, Red Cross Volunteer

Dr. Lorna Down

- Member, UNESCO International Network for Reorienting Teacher Education to address Sustainability.
- Co-chair, Caribbean Regional Network, Sub-network of UNESCO International Network for Reorienting Teacher Education
- CXC, English Panel member
- Volunteer teacher of English in Youth Reaching Youth programme at Swallowfield Chapel.
- Judge, JCDC Literary Arts Competition.
- Judge, Book Industry Association of Jamaica Awards.

- Chair, Care Committee at Swallowfield Chapel.

Dr. Clement Lambert

- Member, Advisory Committee, Ministry of Education & Culture Literacy Improvement Initiative Committee.
- Team Leader, Development of Strategies to achieve full literacy in Jamaica: A joint initiative of JAMAL, PIOJ and The Correctional Services.
- Primary Education Support Project, National Consultant to Develop Literacy Intervention Strategies.

Mrs. Ceva McPherson-Kerr

- Board Member, Morant Bay High School.
- Member, Committee for staff welfare, Morant Bay High School.
- Member, steering committee, Wolmer's High School for Girls PTA
- Treasurer, Manager Track and Field Committee of the Wolmer's High School for Girls.

Prof. Errol Miller

- Chairman, of the Board, Youth Opportunity Unlimited.
- Chairman, Electoral Advisory Committee.
- Chairman, Selection Committee Chancellor Hall's Super Lion Award.
- Vice-Chairman, Mico Foundation and Chairman of the Finance Committee.
- Trustee, Lady Mico Charity, London.
- Member, American Studies Association.
- Member, Fulbright Scholars Association.
- Member, Inter-American Committee on Standards for Distance Education, Washington.

Dr. Halden Morris

- Development Committee Chair, and Member of Finance Committee, Overseas Examination Office
- Chief Examiner, CAPE (Electrical and Electronics Technology)
- External Examiner, Council of Community Colleges (Electrical and Electronics Technology)
- Member, Academic Board, Caribbean Maritime Institute
- External Evaluator (accreditation), University Council of Jamaica
- Area 9 Chair, and Member of Region 3 Conference Committee, Institute of Electrical and Electronics Engineers (IEEE)
- Director-at-large and UWI Representative, Latin American and Caribbean Consortium of Engineering Institutions
- External examiner, UTECH

Dr. Moses Peart

- Chairman, National Committee for Selection and Appointment of Master Teachers of Jamaica, for the Ministry of Education Youth & Culture.
- Chairman, Board of Directors of the Kingston YMCA
- Chairman, Conference Programme for EduVision 2003 International Conference on Teacher Education and Technology.

Dr. Nadine Scott

- Member of Council, National Council on Education.
- Member, Fine Arts Board of Studies (University Council of Jamaica)
- Chief Examiner and Member of Panel, CXC (CAPE), Art and Design
- Member, CXC National Committee (Teachers' Representative)

- Member, School Board, Excelsior High School
- Board Member, Institute for Theological and Leadership Development.
- President, CREATE, An Association of Art Educators and Artists.

Miss Joan Tucker

- Convener, CXC music panel
- Board Member, Association of Caribbean Music Educators
- Board Member, National Gallery of Jamaica
- Member, Prime Minister's Task Force on Education
- Member, International Study Association of Teachers and Teaching

**FACULTY OF
MEDICAL SCIENCES
MONA**

Year ending July 31, 2004



**Professor Owen St. Clair Morgan, CD, MA, MD *Dub*, FRCP,
FACP – Dean**

Dean's Overview

The Faculty of Medical Sciences has a mandate to train medical professionals, provide leadership, engage in research, and supply information from which governments may make informed decisions. Despite the challenges of shortfalls in funding and competition from off-shore medical schools, the Faculty stands ready to maintain the institution's viability, forge international linkages and develop self-sustaining entrepreneurial activities.

Professor the Hon. Rex Nettleford demitted the office of Vice Chancellor earlier this year and members of this faculty recall with gratitude his generosity and unfailing support for our work. His fairness and concern for colleagues and students alike will be missed. The Faculty extends its best wishes to him on his retirement.

We welcome Vice Chancellor Professor Nigel Harris. He is no stranger to Mona and brings a wealth of experience to the post.

HIGHLIGHTS AND ACHIEVEMENTS

In Academic Year 2003/2004, the Faculty attained a number of notable milestones, including:

Curriculum and Examinations

The first cohort under the new MBBS curriculum completed Stage I of the programme and will be awarded the Bachelor of Medical Sciences (BMedSci) degree.

A review of the new curriculum recommended refining the tutorial and problem-oriented learning components, improving the feedback on performance to students and staff; ensuring sequential scheduling

of modules, scheduling examinations at the end of each module, and reviewing the format of the Stage I practical examinations.

The Bachelor of Basic Medical Sciences (BBMedSci) was launched with four options — physiology, anatomy, pharmacology and biochemistry.

The final MBBS examinations in Surgery were restructured by removing the long cases and merging short cases with oral assessments.

Accreditation

Following the withdrawal of registration by the General Medical Council (GMC), a Caribbean regional accreditation body, the Caribbean Accreditation Authority on Education in Medicine and other Health Professions, was inaugurated. This body will ensure the standards of competence and ethical behaviour for quality health care in the region and more flexible registration procedures for doctors.

Facilities

The building extension to the facilities at the Department of Advanced Nursing Education is complete.

The three-storey expansion to the facilities at the Department of Community Health & Psychiatry commenced and will be opened later this year.

The subdepartments of Chemical Pathology and Haematology now occupy new laboratories suitably equipped to provide routine and special tests worthy of a modern teaching hospital.

Expanding the intake of international students

In March 2004, the Dean and the Senior Assistant Registrar, Admissions visited Botswana to discuss training of medical students and provide assistance with developing a medical school. Sixteen (16) students are now enrolled in the Faculty and others are expected over the ensuing years. Officials of the University of Botswana are scheduled to visit the Mona Campus to formulate agreements for training in areas other than medicine.

Collaboration and Alliances

The Department of Surgery, Radiology, Anaesthesia & Intensive Care has collaborated with Yale University and the University of Toronto in graduate training programmes.

The Department of Community Health & Psychiatry trains health workers in contemporary mental health care in collaboration with the Ministry of Health. The Section of Psychiatry continues its involvement with the National Council for Drug Abuse in Jamaica by providing a substance abuse master plan for the Jamaican Government. The section is an active participant in a Latin American and Caribbean Network on mental health services research convened by PAHO.

The Department of Advanced Nursing Education collaborated with the University Hospital School of Nursing to increase the BScN student intake to 200 in the upcoming academic year.

The Department of Advanced Nursing Education franchised the BScN (generic) to Brown's Town Community College (BTCC), and has finalized another franchise to Excelsior Community College for the academic year 2004/05.

Research

THE Faculty of Medical Sciences' strategic plan for research aims to ensure coordination of activities and map programmes with departments and faculties external to the FMS. The extensive research conducted by the Faculty is listed in individual departmental reports.

Funded Projects

The Faculty attracted over U.S. 2.5 million in research grants during the last academic year. The breakdown of this income is available in individual departmental reports.

Ongoing Research

The Faculty continued research in diverse subjects including:

The Jamaica Breast Disease Study; an analysis of medicolegal (coroner's) autopsies at the UHWI; and the usefulness of touch preparation cytology in autopsy diagnosis (by the Department of Pathology and the Department of Surgery, Anaesthesia, Radiology, and Intensive Care).

The pathology of breast cancer in Jamaica (by the Department of Pathology in collaboration with the National Public Health Laboratory of the Ministry of Health).

The colon cancer study group (established by the Department of Pathology in collaboration with the Department of Surgery, Anaesthesia, Radiology and Intensive Care, the Department of Medicine, and the TMRI).

Study of renal and hepatic cadmium levels in humans (by the Department of Pathology in collaboration with the International Centre for Environmental and Nuclear Sciences).

The use of *Carica papaya* in treating chronic skin ulcers (by the Department of Advanced Nursing Education in collaboration with the Department of Basic Medical Sciences, the Department of Microbiology, Capital University and the Ministry of Health).

The use of distillery waste for the microbial production of molecules of potential commercial interest; methods and technology in undergraduate medical education; formulation of a novel biological glue for surgical applications; and investigation of *E.colacae*- β -lactamases to determine the mechanism of action of an apparently novel class of antibiotic resistance factors in pathogenic bacteria (has been completed by the Section of Biochemistry in the Department of Basic Medical Sciences).

Trauma Registry with 7500 patients entered up to July 31, 2004; the several aspects of trauma in Jamaica in collaboration with Dalhousie University, the Breast Disease project in collaboration with the Moffit Cancer Centre in Florida and the Department of Pathology, the Computer-assisted cardiac surgical simulator, and the multinational study on prostate cancer.

Parental knowledge, attitudes and beliefs toward asthma (Department of Obstetrics, Gynaecology & Child Health)

Pneumococcal serotypes and resistance patterns in children with Sickle Cell Disease: a comparative study between a developing country and a developed country (Department of Obstetrics, Gynaecology & Child Health)

Mega-trial of Safety and Efficacy of Pentavalent (G1, G2, G3, G4, and P1) Human Reassortant Rotavirus Vaccine in Healthy Infants, Funded by Merck and Co., USA.

“Pediatric and Perinatal HIV/AIDS Leadership Initiative in Kingston, Jamaica”, International Leadership Award, Funded by the Elizabeth Glaser Pediatric AIDS Foundation. Administrative Support of the “Kingston Pediatric and Perinatal HIV/AIDS Leadership Initiative” from the Principal’s Office, UWI and also a Research Fellowship in Pediatric Infectious Diseases and Epidemiology for Dr Julianne Steel-Duncan. (Section of Child Health)

The effect of pelvic peritoneal stripping on fertility rates in women with Endometriosis. (Department of Obstetrics, Gynaecology & Child Health)

A randomized controlled trial comparing the use of clomiphenene citrate with menogon for controlled ovarian hyperstimulation in couples undergoing intrauterine insemination. (Department of Obstetrics, Gynaecology & Child Health)

Research Output

A total of 104 articles was published in international and local journals during the last academic year. The potential for a dramatic rise in this figure for the upcoming academic year is based on the 198 presentations made to international and regional conferences and the many submitted abstracts from which papers are being prepared for publication.

Department Publications	Conference	Presentations
Advanced Nursing Education	7	11
Basic Medical Sciences	18	26
Community Health & Psychiatry	9	50
Medicine	5	19
Obstetrics, Gynaecology & Child Health	23	79
Pathology	19	11

Microbiology	11	12
Surgery, Radiology, Anaesthesia & Intensive Care	19	20
TOTAL	104	198

The comparison of peer-reviewed publications by department is reflected in the chart below:

Notable among these were the award-winning abstracts by UWI HARP at the meeting of the American Public Health Association held in San Francisco in November 2003, and Dr Winston De La Haye's award-winning oral presentation at an International Psychiatry conference held in Durban, South Africa in 2003.

Conferences, Workshops and Seminars

The Faculty hosted several conferences and seminars during academic year 2003/2004. These included,

The 12th Annual Research Conference of the Faculty of Medical Sciences, the theme of which was "Ageing Well, a Life Course Perspective," on November 12 and 13, 2004; and a subsequent public forum entitled "Challenges and responses to ageing in the Caribbean," hosted at the Visitors' Lodge on April 21, 2004.

A Mini-Symposium entitled "A Celebration of Academic Excellence in Paediatrics" an update on infectious diseases, on January 27, 2004, featuring Professor Richard Olmstead, Past Professor and Chair of Pediatrics at the University of Oregon Medical School.

The Department of Surgery, Anaesthesia & Intensive Care in association with Medtronic Midas Rex & Carl Zeiss, Inc. hosted the Caribbean Neuroscience Symposium on January 5-6, 2004 in the Main Medical Lecture Theatre.

The 3rd International Conference on Vaccines for Enteric Diseases, held at Half Moon Club, Montego Bay on April 28-30, 2004.

The Annual Nursing Midwifery Conference and Mary Seivwright Day, held on May 13 and 14, 2004 at the UWI Mona campus. The conference featured “Nurses challenging health issues through research,” and the keynote speaker was Dr. Carol Baxter, Professor of Nursing and Social Health and Head of the Centre for Nursing and Midwifery Research and Development at Middlesex University. At this conference the inaugural distinguished Mary Seivwright research lecture was launched.

An international HTLV-1 meeting, sponsored jointly by the Faculty and the NIH, held at the Half Moon Hotel in March, 2004. The meeting explored the current therapeutic modalities employed in HTLV-1 associated neurological diseases and planned strategies to effect better care for these patients with severe disability.

The 10th International conference on Diabetes sponsored by UWI, PAHO, CFNI and the American Diabetes Association, held at the Renaissance Jamaica Grande on March 4-7 under theme: New Trends in Diabetes Management. At this meeting, Dr. James Gavin III, was recognized as the Sir Alister McIntyre Distinguished Awardee for Outstanding Services, and delivered the keynote address.

The UWI Caribbean Neuroscience Symposium, Main Medical Lecture Theatre, January 5-6, 2004.

STUDENT ACHIEVEMENTS

Undergraduate Programme

MBBS Examination Results

Of the 104 candidates of the Class of 2006 sat the Stage I MBBS/BMedSci examination, 92 students were successful in the first attempt; 3 gained honors with distinctions, and 34 honours.

The MBBS examination results for Academic Year 2003/2004 were as follows:

Stage II Part I

	Dates	Dist.	Hons.	Pass	Fail
Pathology/Microbiology Stage II Parts II, III & IV	May 2004	2	78	15	
Medicine (MD 500)	June 2004	-	2	87	4
Surgery (US 500)	June 2004 1 8	78	6		
Obstetrics & Gynaecology (OG 500)	June 2004	2	5	83	2

The Faculty graduated 109 undergraduate students in Academic Year 2002/2003:

MBBS	84
BSc Nursing	14
Certificate Nursing Education	6
Certificate Nursing Administration	6
BSc Physical Therapy	11

Prizes

The following students were awarded Stage II Part I prizes for Academic Year 2003/2004:

Pathology Medal/Microbiology Medal	Tamara Greaves
Professor S. Brooks Memorial Prize	Kamille West
Professor Louis Grant Book Prize	Sanya E. Gayle

The following students from Mona were awarded Stage II Parts II, III and IV prizes and awards for Academic Year 2003/2004:

Allenbury Prize in Medicine	Simone Bailey
Overall Clinical Medal	Karina Hew
Wyett Award for Most Outstanding (Mona) Student in Obstetrics & Gynaecology	Karina Hew
General Surgery Prize	Karina Hew
Sir Harry Annamunthodo Prize in Surgery donated by the UWI Medical	Karina Hew

Alumni Assoc.(Canadian Chapter)

Dr. Aubrey McFarlane Bursary

Karina Hew

Linda and Harvey Gellman
Scholarship

Michelle Campbell

The Independent United
Order of Solomon

Jepthroy Thompson

Danforth Food Mart and “G”
Quality Traders Scholarship

Camille Campbell

The Chevonne Harry Lue Medical
Scholarship

Trissia Brown

Commonwealth Elective Bursary

**Ramon D. Arscott
Dianna English**

Scotiabank Foundation
Award for Pediatrics

Karina Hew

Graduate Studies

The Faculty currently offers 6 MSc programmes, a Masters degree in public health, and 19 DM programmes; it has 9 students registered in MPhil and PhD Programmes. New programmes and course offerings introduced in Academic Year 2003/2004 include the Health Education option in the Master of Public Health Programme; the PhD in Psychiatry; the DM in Haematology (which was recently restructured); and the MSc in Clinical Psychology in collaboration with the Faculty of Social sciences. The DM Ophthalmology has been reinstated for the upcoming academic year.

A milestone in the Faculty’s graduate programme is the reciprocity received in the Part I DM Anaesthesia and Intensive Care with the Part I of the Fellowship of the Royal College Examinations.

The postgraduate programme in Haematology now combines the Clinical haematology and laboratory haematology programmes.

The number of registered postgraduate candidates include:

19 DM General Surgery 1 PhD Anatomy

2 PhD Microbiology

9 DM Orthopaedics

15 PhD Biochemistry

2 MSc Medical MicroB	
8 DM Otolaryngology	6 PhD Pharmacology
35 MSc Nursing	
10 DM Urology	1 MPhil Anatomy
5 DM Neurosurgery	32 MPhil Biochemistry
4 DM Cardiothoracic Surg.	14 MPhil Pharmacology
5 DM Paediatric Surgery	3 PhD Physiology
5 DM Ophthalmology,	8 MPhil Physiology
14 DM Radiology	6 DM Anatomical Pathology
21 DM Anaesthesia	5 DM Haematology
22 DM Emergency Med.	4 DM Microbiology

Successful postgraduate candidates in the past academic year include:

Basic Medical Sciences	3 PhD Biochemistry
	2 MPhils Biochemistry
	1 PhD Physiology
	1 MPhil Physiology
Obstetrics, Gynaecology	2 DM Paediatrics
	5 DM Obstetrics & Gynaecology
Medicine	4 DM Medicine
Microbiology	3 DM
Advanced Nursing Education	22 MSc N (Nursing Administration and Nursing Education)
	6 MScN (Family nurse practitioner and Psychiatric mental health nurse practitioner)
Community Health & Psychiatry	2 DM Psychiatry (Dr. Judith Leiba was awarded the Eli Lilly Prize)
8 MSc Clinical Psychology (in collaboration with the Department of Sociology, Psychology and Social Work)	

25 MPH (Master in Public Health)

Surgery, Radiology, Anaesthesia and Intensive Care 3 DM Orthopaedics

2 DM General Surgery

2 DM Neurosurgery

1 DM Emergency Medicine

2 DM Paediatric Surgery

1 DM Urology

4 DM Anaesthesia

ACADEMIC STAFF

Professional and public service

The UWI HIV/AIDS Response Programme (UWI HARP), led by Professor Brendan Bain, became a foundation member of the Pan-Caribbean Partnership against AIDS, which was launched in 2001.

Dr. Carlton Collie was awarded a Hubert H. Humphrey Fellowship for 2004/2005 and will pursue the award at Cornell University.

Dr. Maxine Gossell-Williams was the recipient of the Young Scientist Technology Award from the Scientific Research Council.

Professor H. Wynter received the “Community service Award” at the Annual Clinical Meeting of the American College of Obstetricians and Gynaecologists, Philadelphia, US, 2004 for his many years of service to the region.

Dr. Lennox Matadial was honoured by The Grabham Society (July 2003) and the West Indies Section American College of Obstetricians and Gynecologists (February 2004) for his many years of service to the region.

Dr. Horace Fletcher received the Principal’s award for best research for the FMS in the UWI Awards Ceremony, 2004 as well as the Grabham Society award for leadership, July 2003.

Fullbright Fellowships were awarded to Dr. Wayne McLaughlin, Mr. Maxine Gossell-Williams and Dr. Lisa Lindo of the Department of Basic Medical Sciences.

Dr. Michael McFarlane was appointed secretary to the American College of Surgeons, Jamaica Chapter and member of the Board of Management of the Jamaican Cancer Society

Professor H. Asemota was appointed international consultant for biotechnology to the Republic of Tajikistan, United Nation's Food and Agriculture Organization, and project coordinator for the Jamaica-Mexico Binational Commission Technical Cooperation Project on Anti-nutritional factors, Phase II.

Dr. Andrew Wheatley was elected Deputy Mayor of Spanish Town and vice chairman of the St. Catherine Parish Council, and board member of the International Cannabis Research Institute.

Professor Charles Denbow received the Association of Consultant Physicians' award for excellence for dedicated and outstanding service in the field of medicine.

Dr. R. Wright-Pascoe was appointed adjunct faculty for the Williams J. Harrington Medical Training Programme for Latin America, University of Miami, School of Medicine.

Honours and Awards

Dr. H. Hewitt was awarded the Order of Distinction, Officer Class (O.D.)

Professor F. Hickling was named the Chairman of the National Council for Drug Abuse.

Dr. M. Samms-Vaughan was named Chairman of the National Early Childhood Commission to advise the Minister of Education on matters of early childhood development and formulating national policy in that area. Dr. Samms-Vaughan was also appointed to the National Council on Education by the Governor General in September 2003.

Promotions

Professorships

Joseph Frederick

Professor of Obstetrics and
Gynaecology and Director of the
Advance Fertility Training

Management Research Unit
(AFTMRU),

Kathleen Coard

Professor in Pathology

Dipak Shah,

Professor in Pathology

Senior Lecturer

**Derek Mitchell, REC Rose
and Wayne West**

(Department of Surgery)

Headship

**Gilian Wharfe &
Susan Shirley**

(Department of Pathology)

Professor Everard Barton

(Department of Medicine)

Dr. Horace Fletcher

(Department of Obstetrics,
Gynaecology and Child Health).

Retirees

The Faculty bade farewell to Dr. O. Barrow, Dr. C. Fletcher, and Dr. Gwendolyn Dowe, who collectively served the faculty for over 90 years. We will miss them greatly and wish them continued good health in their retirement.

Obituaries

We are deeply saddened by the death of Sir Kenneth Standard, Professor Emeritus of Social and Preventive Medicine after serving as lecture and senior lecturer in the Department of Medicine, Sir Kenneth became professor and head of department. He remained a consultant to PAHO/WHO and was awarded PAHO's coveted Man of the Century Award for public health. Sir Kenneth will be remembered as a warm and much valued friend.

DEPARTMENT ADVANCED NURSING EDUCATION

**Dr. Hermi Hewitt, BSc (Nursing) UWI, MPH Tulane,
PhD Univ of Iowa – Head of Department**

WORK OF THE DEPARTMENT

Introduction:



DANE's goals for the academic year 2003-04 were: to increase access for persons to obtain higher education in nursing in the Caribbean; build staff research capacity; improve greater visibility for the Nursing Midwifery Research Centre (NMRC); strengthen international academic nursing links; and improve the physical facility to meet the expanding programme offerings, staff and teaching/learning needs. To a large extent these goals were achieved.

Increase Student Access

The Bachelor of Science Nursing (post-RN) degree started in 1983, was revised and restructured in 2003, and is offered in 2004 as a completion degree for registered nurses and the certificate programmes are now in their final year.

The UWI will be offering the BScN (generic) degree at the Mona campus to new entrants to the nursing profession through a collaborative arrangement with the University Hospital of the West Indies (UHWI) targeting an additional 200 students. This is an historic development because for 55 years (1949-2004), only certificate nursing training was available at the UHWI.

Based on a Memorandum of Understanding between the UWI and Excelsior Community College April 5, 2004, the BScN (generic) will be franchised to Excelsior Community College. Brown's Town

Community College is in its third year of franchising the UWT's BScN degree. Other Colleges expressing interest in franchised agreements are Bethlehem Teachers College and Knox Community College.

DANE for the first time offered one of its credited courses, NE33B Clinical Teaching and Supervision with Practicum, as a Summer School initiative. This was also a fund generating venture.

Eight undergraduate courses are being converted for E-learning delivery beginning with Epidemiology, semester one, 2004-05. Conversion of other courses is in progress.

Physical Facility

The long awaited extension of DANE's building was completed May 12, 2004. This has greatly improved the teaching/learning and working environment for both students and staff. New added space includes a conference room, NMRC room, a Skills laboratory, offices and sanitary facilities. Financial constraints have hindered some amenities such as the ramp for the disabled, an enclosed courtyard and parking spaces.

Building Staff Research Capacity

Staff attended and presented papers and posters at national, regional and international research conferences. Four staff members participated in the research project on "Assessment of the Capacity to Educate and Train Nurses in thirteen CARICOM Countries". This PAHO/WHO funded (**J\$369,495.00**) study determined the nursing capacity for education and training for sustaining quality nursing and health care.

The Report submitted to PAHO in January 2004 was presented to the Council for Human and Social Development (COHSOD) meeting in April 2004 as a strategy to recruit and retain nurses. DANE staff also presented papers at the International Nurses' and Nursing Midwifery Research Conferences in Barbados (February 23, 2004) and in Jamaica (May 2004) respectively.

The Caribbean-Canadian partnership enabled DANE staff to participate in three video teleconferencing research internship seminars from the Ottawa University, May 25, June 24, and July 22,

2004, financed by Health Canada. A review of the partnership was held at the PAHO/WHO CPC office in Barbados, February 25, 2004.

Three staff members collaborated with students in presenting seven research posters at the Annual Medical Research Conference November 2003 and four oral presentations at the Nursing Midwifery Research Conference May14, 2004.

Nursing Midwifery Research Conference (NMRC)

The NMRC which started in 1999, increased its activities during the year as follows:

- Two funded PAHO/WHO projects, “Assessment of the capacity of the Caribbean to train nurses” (J\$369,495.00) and “Profile of Midwifery Services in Latin America and the Caribbean and a Case Study of Midwifery Services in Jamaica”. (J\$484,400.00.)
- A small grant from Capital University enabled Dr. Laurel Talabere, Professor of Nursing and former Fulbright Scholar to join DANE’s staff April 27-May1, 2004, to develop proposals for asthma and papaya studies.
- Hosting the Annual UWI Nursing Midwifery Research Conference and Mary Seiwright Day- theme “Nurses Challenging Health Issues Through Research”, May 13 and 14, 2004. This attracted eight hundred and twenty three (823) nurses and earned approximately (J\$1,000,000). Links by videoconference were made to three sites on the UWI Mona Campus. A feature of this conference was the launch of the distinguished Mary Jane Seiwright Lecture by Dr. Carol Baxter, Professor of Nursing, Middlesex University and a Visiting Professor to the UWI, May 10-22, 2004, who gave the conference keynote address, also a public lecture on “Multiracial issues in health care: A British Perspective” and two seminars on workforce issues in nursing and health care.
- An initiative by Dr Beverly Bonaparte, Fulbright Scholar designate to DANE 2004-05, commenced a research collaborative relationship between DANE and Dr. Loretta Sweet Jemmott, a noted nurse scientist in HIV/AIDS research from the University of Pennsylvania May 19, 2004.

Drs. John Jemmott and Loretta Sweet Jemmott will lead a research team to DANE August 30-31, 2004 to initiate a behavioural intervention study the "Jamaica Adolescent Health Promotion & HIV/AIDS Risk Reduction Project". Having achieved efficacy of HIV/STD prevention interventions among African American and mainland Puerto Rican adolescents, the Jemmotts are applying it in Barbados and South Africa and extending it to Jamaica. A proposal will be submitted to the National Institutes of Health, January 2005 with DANE staff as Co-Investigators.

Other Developments

Plans are in progress to rename DANE the UWI School of Nursing.

The Annual Departmental Retreat was held July 1-2 & 5-7, 2004. The External Examiner participated in the first day of the retreat allowing faculty to share mutually beneficial experiences.

Three framed Eddie Minnis water colour paintings, gifts from Bahamian past students along with the photographic collage of some past students were featured in the Arts Section of the Sunday Gleaner, March 28, 2004.

Mrs. Yvonne Wint received a Long Service Award for over 25 year's service to the Government of Jamaica November 19, 2003.

Dr. Hewitt received the Order of Distinction (Officer Class) for contribution to nursing education October 20, 2003 and an award for 15 years service to UWI, December 16, 2003.

RESEARCH IN PROGRESS

Use of Carica papaya in treating chronic skin ulcers- a multi-phased study investigating: prevalence of nurses' use of papaya fruit in treating chronic skin ulcers; antibacterial activity of ripe and unripe Carica papaya on wound microorganisms; pharmacologic action and patency process; clinical trial comparing contemporary treatment versus the papaya, and developing algorithm for wound care based on best practice. Collaborators: Basic Medical Sciences, Microbiology and Capital University, USA.

Asthma in Jamaica- a multi-phased study with collaborators from the Ministry of Health, University Hospital of the West Indies, Bustamante Hospital for Children, Capital University, USA and the University of Pennsylvania, USA. DANE is taking the lead in conducting a national asthma prevalence study prior to studying quality of life and outcomes of patient education.

Midwifery Services Profile in the Americas and Jamaica as a Case Study in Midwifery Services- collection of baseline information on nursing/midwifery services and practices in Jamaica. Information about midwifery services will be used to orient PAHO's future support to countries to enhance the contribution of midwifery services to maternal and child health and well being. Funded by PAHO/WHO J\$484,400.00.

Evaluation of the Regional Examination for Nurses Registration- A Regional Nursing Body project, funded by CARICOM, commenced July 2003. Co-investigators: Mrs. Syringa Marshall-Burnett and Dr. Paula Marks.

PAPERS PRESENTED

- **Bailey E,** Hewitt H, Hepburn–Brown C, Lopez , S. “Reasons for nurses’ resignation from agencies in selected CARICOM countries” oral presentation, Annual Nursing Midwifery Research conference, May 14, 2004.
- **Hepburn-Brown C,** Hewitt H, Lopez S, Bailey E. “The status of clinical preceptors/supervisors for nursing education in the Caribbean Schools of Nursing”, oral presentation, Annual Nursing Midwifery Research conference, May 14, 2004.
- **Duff, E,** O'Connor A, McFarlane-Anderson, Wint, Y., Bailey, E. & Wright-Pascoe R., oral presentation “Nutritional status, self-care practices and glycaemic control on with diabetes mellitus” at the Caribbean Health Research Council (CHRC) Scientific meeting, Grenada, April 22-24, 2004 also as a poster at the FMS conference November 2003.
- **Duff, E.,** “Nursing research at the UWI” oral presentation at the 19th Annual Caribbean Cardiology Society conference, St. Lucia, July 14, 2004.

- **O'Connor A**, McFarlane-Anderson N, Duff EMW, Wright-Pascoe R. "Risk assessment in adults with diabetes mellitus" Medical Research conference, November, 2003 and UDOP Diabetes conference, March 5-7, 2004.
- **Kahwa, E.**, Sargeant LA, McCaw-Binns A, McFarlane-Anderson N, Smikle MF, Forrester TE, Wilks R. "Anticardiolipin antibodies in Jamaican Primiparae", CHRC, Grenada, April 21, 2004 and Nursing Midwifery Research conference, May 14, 2004.

Hewitt, H.

- "Nursing education programmes at the UWI with special reference to graduate programmes"; and "Recruitment, retention and valuing nursing" 32nd Executive and Education Committees meeting of the Regional Nursing Body, Rosseau, Dominica, November 26-28, 2003 respectively;
- "Honouring the past, creating our future through service, education and research" 44th Reunion of the UHWI League of Graduate Nurses Reunion conference, the Renaissance Jamaica Grande Hotel, October 4, 2003.
- "Caring and Integrity: Imperatives for Professional Nursing Practice" graduation ceremony for registered nurses and midwives of the Cornwall School of Nursing, Montego Bay, December 12, 2003.
- "Contribution of nursing to health development" Panel presentation, the International Nurses' Conference on Managed Migration, Bridgetown, Barbados, February 23, 2004.
- "Contributions of nursing leaders in the development of nursing in the Caribbean post WWII" British Virgin Islands (BVI) and United States Virgin Islands (USVI) University May 5 and 6, 2004 respectively.
- "Clinical career ladder within the Caribbean nursing system", Paramaribo, Suriname May 29, 2004;
- "Development of post graduate programmes at the UWI" at the 19th Annual Caribbean Cardiology Society conference, St. Lucia, July 14, 2004.

- “Branching out: integrating distance education to help manage the migration of nurses in the Caribbean”, **Hewitt, H.**, Branch, J., Bailey, E., Hepburn-Brown, C. & Lopez, S. International Nurses’ Conference on Managed Migration, Barbados, February 23, 2004.
- “Caribbean-Canadian partnership on nursing education and retention, and health human resource planning and management” **Hewitt, H.**, Griffin, P., O’Keefe, C. & Hincks, S. International Nurses’ Conference on Managed Migration, Bridgetown, Barbados, February 23, 2004.
- **Lopez, S.**, Hewitt, H., Bailey E. & Hepburn-Brown, C. “Assessment of resources for the training needs of registered nurses in selected CARICOM countries”, Nursing Midwifery Research conference May, 2004.
- **Lopez, S.** Eldemire-Shearer D. LaGrenade, J. & Barton, E. “Perceived social support of patients with end stage renal disease on haemodialysis”, poster presentation at CHRC conference, Grenada, April 23-25, 2004.
- **Marshall-Burnett, S.** “Partners in nation building: The Role of Women Parliamentarians in achieving the United Nations Millennium Development Goals”, oral presentation at the Bangladesh China Friendship Centre, October 10, 2003.
- “Recognition and value of nurses and nursing” the International Nurses’ Conference, Barbados, February, 23, 2004, Barbados; “Inaugural Mary Seacole” lecture, Barbados Registered Nurses Association conference, May 12, 2004.
- **Stewart, H.** “Parenting” Sons and Daughters Church of God young peoples’ service, Portmore, May, 2004.
- **Weaver, S.** “Spirituality in Jamaica” Panel Discussion aired on the programme Jamaican Voices, September 15, 2003.
- **Wint, Y.**, Duff, M., O’Connor, A., Anderson, N., & Bailey, E. “Knowledge and self reported motivational factors in adults with diabetes mellitus” oral presentation Faculty of Medical Sciences Research Day and poster presentations at UWIDOP conference, Jamaica Grande, March 5-7, 2004 & the CHRC, Grenada, April 23-25, 2004.

PUBLICATIONS

Refereed

- * “Six- month hypertension intervention project: One year follow-up”. E M Duff, R Wilks. *West Indian Medical Journal* 53, 3 (2003): 219-222.
- * “Effects of the Carica papaya fruit on common wound organisms”. G Dawkins, HH Hewitt, YB Wint, P Obiefuna, B Wint. *West Indian Medical Journal*. 52, 4 (2003), 290-292.
- * “Chairmen of the Nursing Council 1952-2002 and their profiles”. H H Hewitt, *The Jamaican Nurse* 41,1-3(2003)15-50.
- * “Profiles-Registrars of Nursing Council- Mrs. Theresa Boyne”. H H Hewitt. *The Jamaican Nurse* 41, 1-3(2003):56-59.
- * “Nursing Council members through the years”. H H Hewitt. *The Jamaican Nurse* 41, 1-3 (2003): 62-70.
- * Editorial and Foreword”. SA Marshall-Burnett. *The Jamaican Nurse* 41, 1-3(2003):3-5.
- * “Profiles-Registrars of Nursing Council – Miss Julie Symes & Mrs. Thelma Deer Anderson” SA Marshall-Burnett. *The Jamaican Nurse* 41, 1-3(2003):51-55 & 60.

PUBLIC SERVICE

Mrs. Ellen Bailey:

- Executive member, the University Hospital of the West Indies Graduate League of Nurses;
- Co-Chair, Nurses Association of Jamaica (NAJ) Student Nurses’ Award Committee;
- Member Editorial Committee, The Jamaican Nurse.

Dr. Marilyn Duff:

- Member, the Nursing Council of Jamaica Research Committee;

Dr Eulalia Kahwa:

- Member, Jamaican Nurse Committee

Mrs. Ceres Hepburn-Brown:

- Panelist, NAJ Student Nurses' Award

Miss Sheryll Lopez:

- Member, Board of Directors the Heart Foundation of Jamaica,
- Member of the NAJ Student Nurses' Award Committee

Mrs. Syringa Marshall-Burnett:

- President, Senate of Jamaican Parliament,
- Member Commonwealth Parliamentary Association (CPA), leading Jamaican delegation to CPA conference, Dhaka, Bangladesh, October 4-12, 2003;
- Executive member, National Executive Committee of the PNP;
- Member, Nursing Council of Jamaica,
- Board Chairman, NAJ Golden Retreat Retirement Home

Dr. Hermi Hewitt:

- Member, the Nursing Council of Jamaica Research Committee;
- Executive Board member, Internal Academic Nursing Alliance;
- Executive Board member, Excelsior Community College Academic Board;
- Executive Board member, University Hospital of the West Indies Nursing School Advisory Committee;
- Executive member, University Hospital of the West Indies Graduate League of Nurses.

Dr. Hemsley Stewart:

- President, NAJ Credit Union's Board of Directors,
- Member, National Council on Drug abuse;

- Member, National Examination Committee, Nursing Council of Jamaica;
- Member, NAJ Student Nurses' Award Committee.

Dr Steve Weaver:

- Member, Nursing Council of Jamaica Research Committee;
- Member, NAJ Student Nurses' Award Committee.

Mrs. Yvonne Wint:

- Member, Editorial Committee, The Jamaican Nurse.

CATEGORIES OF STUDENTS

The certificate programmes in nursing administration and nursing education were offered for the last time in the academic year 2003-04. These specialties are now offered as post graduate degrees. The BScN (post RN), introduced 1983 was revised and restructured to provide wider access for practicing registered nurses with certificates in nursing to receive a degree in nursing. Consequently the enrollment for the programmes in their traditional form was less than in the previous years. The severe shortage of nurses in the Caribbean prevented suspension of those programme offerings. DANE had 123 students, 74 undergraduates and 49 graduates as follows:

1. Undergraduate Students

Category of Students	New	Returning	Graduating	Total	Status
Certificate Programmes:	13	1**	12+1**	13**	10 Hons,
Nursing Administration					2 Dist &
Nursing Education					1 repeat
BScN (generic) franchised	37	20	N/A	57	1st & 2nd
at Brown's Town					progressing
Community College					to 3rd year
BScN (post RN)	NA	3+1*	2	4	1 upper
					second
					class, *1
					pass; 2
					repeat
TOTAL Undergraduates	50	25	(15)	74	
* 2001-02 class; ** 1996-97 class					

2. Post Graduate Students

Category of Student	New	Returning	Total	Graduating	Status
MScN (Nursing Admin. & Nursing Education)	19	8 +1*	27+1*	21+1*	8 Dist. 13+1* Passes 1 incomplete 5 Part-time continuing
MScN (Family nurse practitioner and Psychiatric Mental Health Nurse practitioner)	16	7	23	6 15 progressing to 2nd year 1 part-time discontinued	1 Dist 5 Passes 1 incomplete
Total postgraduates	35	15+1*	50+1*	(27+1*)	49

*repeat student from 2002-03 class

DEPARTMENT OF BASIC MEDICAL SCIENCES

Oswald R. Simon, BSc (*Lond*), MSc (*CNAA*), PhD (*Howard*)
– Head of Department

WORK OF THE DEPARTMENT



It has been a challenging year for the Department of Basic Medical Sciences. Many of these challenges arose from the implementation of new courses and a new programme without increase in funding for operating expenditure as well as the total lack of funding for capital expenditure. The department was therefore confronted with the problem of rationalizing its inadequate budget to ensure that at least a minimum amount of materials and equipment were available to deliver the courses and programmes at universally acceptable standards. However, the poor condition of the laboratories and lecture theatres continues to hamper the attainment of a truly student-centered environment for the delivery of our courses and programmes.

Nevertheless, the harmful impact of these deficiencies on the delivery of our courses and programmes was minimized by actions taken by the Department's Management Committee to prioritize the allocation of the budget in such a manner that facilitated a reasonable level of satisfaction in terms of material acquisition for the operation of all Sections of the department. But, these measures required frustrating and untenable compromises from each Section. Therefore, to ensure the maintenance of good academic standards and a high level of staff enthusiasm, the Department's operating and capital budget should be adequately funded. Hopefully, such improvement in funding would be implemented in the next academic year.

Despite the budgetary shortfall, the outcomes from the work of the Department were satisfactory. For example, the BBMed.Sc.(majors) degree programme and a Plant Biochemistry course were successfully implemented. There was also the successful completion of the first cycle of the BMed.Sc. degree programme for medical students. These successes resulted mostly from improvement in staff delivery of lectures as reflected in the high level of students' satisfaction in the assessment of courses and lectures.

Other departmental academic offerings which enjoyed successes include the Biochemistry courses for Pure and Applied Science students and the Physical Therapy degree programme.

Better results were obtained from our postgraduate degree programmes as reflected in the increased receipt of research grants for students as well as increased overseas Research presentations and the acquisition of research experience from brief periods of attachment by students at Universities in the USA, Canada and Britain. All of these activities have enhanced the Department's visibility and they will certainly increase the output of publications and postgraduate degrees awarded by the department.

Credit for the academic output from the department must also go to the non-academic staff members who have given sterling contributions to the work of the department as well as to their personal academic achievements. With respect to the latter, recognition must be given to Scientific Officer, Winston Young, who was awarded the MPhil degree in Biochemistry, and Hopeton Marshall, Technologist, who was awarded the BSc. Degree (Upper second class Honours) in Psychology. We have also embarked on enhancement of this assistance by sending our technologists for brief periods of training at Laboratory equipment Manufacturers so that they may be able to undertake routine maintenance of equipment acquired by the department.

STAFF AWARDS

Dr. Anthony D'Souza

- An award was received from the Curriculum Development Unit, Faculty of Medical Sciences, UWI, to attend a course on "Good ideas about Medical Education". The course was

held at the Centre for Medical Education, University of Dundee, Scotland.

Dr. Maxine Gossell-Williams

- Received a Fulbright Fellowship to undertake research at the University of North Carolina, USA.
- Received an award from the Jamaica Scientific Research Council for the Young Scientist of the year-2003.

Dr. Angel Justiz-Vaillant

- Doctor of Medicine (Alternative Medicines) MD (AM); Awarded by the Indian Board of Alternative Medicine
- Certificate in Alternative Medicine; Awarded by the American Alternative Medical Association.

Dr. Lisa Lindo

- Received a Fulbright Fellowship to undertake research at the Colorado State University, USA.

Dr. Norma McFarlane-Anderson

- An award was received from the Curriculum Development Unit, Faculty of Medical Sciences, UWI, to attend a course on “Good ideas about Medical Education”. The course was held at the Centre for Medical Education, University of Dundee, Scotland.

Dr. Wayne McLaughlin

- Received a Fulbright Fellowship to undertake research at the Virginia Tech. University, USA.

RESEARCH GRANTS

Postgraduate Students in the Department

- The School for Graduate Studies and Research, UWI, awarded postgraduate students grants totaling US\$61,941.05.

Prof. H. Asemota, Dr. F. Omoruyi, Prof. E. Morrison (in collaboration with Prof. A. Sotelo-Lopez of the National Autonomous University of Mexico)

- Received a grant from the Fifth Jamaican-Mexico Binational Commission to undertake research on “Screening, assessment and identification of anti-nutritional factors in selected common Caribbean food crops and spices and to study their consumption in normal and abnormal states”. US\$125,300.00 (grant continuing from 2002).

Dr. Maxine Gossell-Williams

- Caribbean Health Research Council (CHRC) grant to investigate “The role of Choline in Pregnancy” – US\$1,697.00.
- Fulbright Visiting Research Fellow grant: US\$9,300.00

Dr. Norma McFarlane-Anderson

- New Initiative Fund, Mona Campus, UWI, awarded a grant for research on “Investigation of cervical dysplasia in Jamaican women: Lifestyle and genetic factors”. US\$16,222.00.

Dr. Wayne McLaughlin

- New Initiative Fund, Mona Campus, UWI, awarded a grant for the establishment of an independent “Forensic DNA Typing Laboratory”. US\$23,000.00

Dr. Dalip Ragoobirsingh

- New Initiative Fund, Mona Campus, UWI, awarded a grant for research on “Molecular signal transduction in Diabetes Mellitus”. US\$12,000.00.

Dr. Oswald R. Simon

- A grant was received from the Veterinary Service Division, Ministry of Agriculture, Jamaica, to undertake “Screening of conch meat (for export) to rule out the presence of PSP toxin in compliance with the European Union Regulations”. J\$102,000.00.

Dr. Paul Singh

- A grant was received from the UWI, Research and Publication Fund to purchase laboratory equipment. US\$2,157.00.

Dr. LauriAnn Young-Martin

- New Initiative fund, Mona Campus, UWI, awarded a grant to purchase laboratory equipment- “Optocomp 1 chemiluminometer”-. US\$9,000.00.

RESEARCH IN PROGRESS

Professor Helen Asemota

- “Conservation of Biodiversity, Improvement of Production and Exploitation of Tropical Tuber Crops for Sustainable Development”, Biochemistry/Biotechnology/ Molecular Biology.

Dr. Mark Ashby

- “Two Component Sensory Transduction in Cyanobacteria” – Molecular Biology.

Dr. Maxine Gossell-Williams

- “The Pharmacology of Nutraceutical Compounds”

Dr. Ruby L. Lindo

- “Use of Natural Products in the Treatment of Diabetes” – Plant Biochemistry and Endocrinology.

Dr. Norma McFarlane-Anderson

- “Genetic and Nutritional Factors in Human Disease” – Biochemistry and Molecular Biology.

Dr. Wayne McLaughlin

- “Plant-Microbe Interactions and Molecular Plant Pathology” – Molecular Biology and Biotechnology.

Professor Omkar Parshad

- The value of thyroid antibody screening in predicting risk for thyroid dysfunction and postpartum depression – a PhD. project.
- Anti-hyperglycemic effects of the crude aqueous extract of Rice Bitters – An MPhil Project.

- Anti-diabetic properties of Neem Leaf extract on STZ-induced Type II diabetic rats – An MPhil Project.

Dr. Andrew Pearson

- “Bioconversion of Agro-Industrial Wastes for Profit” – Agro-Biotechnology and Bio-Remediation.

Dr. Dalip Raboogirsingh

- “Molecular Signal Transduction Mechanisms in Diabetes Mellitus” – Biochemistry.

Professor Harvey L. Reid

- The effects of iron on abnormal menstrual bleed (menorrhagia).
- The role of haemorheological changes in the development of peripheral vascular disease in diabetes mellitus.
- Trace element status of patients with diabetes mellitus.
- Effects of haemoglobin concentration per trimesters on perinatal outcomes.

Dr. Oswald Simon

- “Use of Plant-Derived Products in Immunopharmacology.”

Dr. Paul Singh

- “Pharmacology of Apoptosis”

Professor Manley West

- “Ethnopharmacology”

Dr. Andrew Wheatley (in collaboration with Professor Helen Asemota).

- “Molecular Analyses of Indigenous Caribbean Plant Crops for Economic Development and Health Purposes” – Biochemistry/Biotechnology/ Molecular Biology.

Dr. Lauriann Young-Martin

- Gender differences and neuroendocrine regulation of cognition

- Neuroprotective effects of Oestrogen on learning and memory in aged animals
- The combined effects of different stressors and marijuana on behaviour.

PAPERS PRESENTED

- **Badhado-Singh, P.S., Wheatley, A.O., Morrison, E.Y. St. A., Ahamad, H., and Asemota, H.N.** “The effect of different food processing methods on the total sugar content and the glycemic response of some West Indian foods.” BioScience 2004 Annual Conference, Scotland Exhibition Conference Center, Glasgow, United Kingdom. July 18 - 22, 2004.
- **Badhado-Singh, P.S., Wheatley, A. O., Morrison, E.Y. St. A., Ahamad, H., and Asemota, H.N.** “Investigation of the effect of food processing in the Glycemic Indices of some Jamaican foods: A proactive approach to management of Type II Diabetes Mellitus.” The 10th Annual International Diabetes Conference. Renaissance Jamaica Grand Resort, Ocho Rios, Jamaica. March 4 – 7, 2004.
- **Badhado-Singh, P.S., Wheatley, A.O., Asemota, H.N., and Morrison, E.Y. St. A.** “Glycemic indices of selected food crops of the Caribbean: Implications for the management of diabetes.” HUPO 2nd Annual and IUBMB XIX Congress, Montreal, Canada. October 8 – 11, 2003.
- **Crawford-Brown, Tazhmoye.** “The Privatization of the Jamaica Public Service Company: A Governance and Public Policy Perspective.” 29th Annual Caribbean Studies Association Conference. The Marriott Resort, Basseterre, St. Kitts. May 31 – June 3, 2004.
- **Dilworth, L.L., Omoruyi, F.O., Simon, O., Morrison, E.Y. and Asemota, H.N.** “Hepatic carbohydrate and lipid metabolizing enzymes and the transaminases in rats fed phytic acid extract from sweet potato (*Ipomea Batatas*).” 49th Annual Caribbean Health Research Council. St. Georges, Grenada. April 22 – 24, 2004.
- **Dilworth, L., Omoruyi, F.O., Morrison, E.Y. and Asemota, H.N.** “Hepatic carbohydrate and lipid metabolizing enzymes and the transaminases in rats fed phytic acid extract

- from sweet potato (*Ipomea Batatas*).” The 10th Annual International Diabetes Conference. Renaissance Jamaica Grand Resort, Ocho Rios, Jamaica. March 4 – 7, 2004.
- **Dilworth, L., Omoruyi, F.O., Simon, O., Morrison, E.Y., and Asemota, H.N.** “Effects of Phytic Acid Extract from Sweet Potato (*Ipomea Batatas*) on Blood Glucose and Loss of Zinc and Iron on the Faeces of Rats.” 17th Annual Conference on Science and Technology. Science and Technology for Economic Development: Technology Driven Agriculture and Agro-processing. Knutsford Court Hotel, New Kingston, Jamaica. November 19 – 22, 2003.
 - **Dilworth, L.L., Omoruyi, F.O., Morrison, E.Y., and Asemota, H.N.** “Effects of consumption of phytic acid extract from sweet potato (*Ipomea Batatas*) on some digestive enzymes, blood glucose and lipid distributions in rats.” HUPO 2nd Annual and IUBMB XIX Joint World Congress, 2(9), Program Supplement, Palais des Congres, Montreal, Canada. October 8 – 11, 2003.
 - **Dilworth, L.L., Omoruyi, F.O., Simon, O., Morrison, E.Y., and Asemota, H.N.** “Effects of phytic acid extract from sweet potato (*Ipomea Batatas*) on Blood Glucose and loss of Zinc and iron on the faeces of rats.” 17th Annual National Conference on Science and Technology. Knutsford Court Hotel, New Kingston, Jamaica, November 19 – 22, 2003.
 - **Earle-Barrett, S., Wheatley, A.O., Asemota, H.N., and Lobban, K.** “Study of biodiversity within Jamaican yam (*Dioscorea* spp) using Random Amplified Polymorphic DNA (RAPD) and Amplified Fragment Length Polymorphism (ALFP).” HUPO 2nd Annual and IUBMB XIX Congress, Montreal, Canada. October 8 – 11, 2003.
 - **Lobban, K.S., Wheatley, A.O., Golden, K., and Asemota, H.N.** “Investigation of polyphenol oxidase changes associated with the in vitro propagation of *Dioscorea alata* cv. sweet yam.” 17th Annual National Conference on Science and Technology. Knutsford Court Hotel, New Kingston, Jamaica, November 19 – 22, 2003.
 - **Lobban, K.S., Wheatley, A.O., Golden, K., and Asemota, H.N.** “Investigation of the biochemical changes associated with ex vivo and in vitro developmental processes in

- Dioscorea spp.” HUPO 2nd Annual and IUBMB XIX Congress, Montreal, Canada. October 8 – 11, 2003.
- **McLaughlin, Wayne** “Applications for Biotechnology in Jamaica and the Caribbean.” Workshop on Scientific and Technological Development in the Americas. Quito, Ecuador. December 10 – 12, 2003.
 - **McLaughlin, Wayne** “Technology of genetically modified foods.” University Research Consortium Hosted by the University of Technology, Kingston, Jamaica. December 4, 2003.
 - **Omoregie, S., Devi-Prasad, P., Osagie, A., and Asemota, H.N.** “Intraspecific genetic diversity in yam expressed through DNA fingerprinting random primed PCR analysis.” ASMB Meeting and 8th IUBMB Conference. Boston, Massachusetts, USA. June 12 – 16, 2004.
 - **Powell, M., Wheatley, A.O., Tennant, P., Omoruyi, F., Asemota, H.N., Gonzalves, D., and Ahmad, M.H.** “Rat intestinal transport enzymes: Effect of the consumption of transgenic papaya (Carica Papaya L.)” HUPO 2nd Annual and IUBMB XIX Congress, Montreal, Canada. October 8 – 11, 2003.
 - **Reid, Harvey L.** “Applied Physiology of the Respiratory System.” 26th Annual Conference of the Jamaican Association of Nurse Anaesthetists and the Critical Care Special Interest Group. Starfish Trelawny Resort, Trelawny, Jamaica. November 7 – 9, 2004.
 - **Riley, C.K., Wheatley, A. O., Adebayo, A. S., Ahmad, M.H. and Asemota, H.N.** “Industrial exploitation potential of native Jamaican yam (Dioscorea sp) starches in tablet formulation for diabetes: Effect of amylase content and digestibility.” ASBMB Annual Meeting and 8th IUBMB Conference. Boston, Massachusetts, USA. June 12 – 16, 2004.
 - **Riley, C.K., Wheatley, A. O., Ahmad, M.H. and Asemota, H.N.** “The relationship between Amylose Content and some Rheological properties of starches from five Jamaican yams (Dioscorea sp).” The 10th Annual International Diabetes Conference. Renaissance Jamaica Grand Resort, Ocho Rios, Jamaica. March 4 – 7, 2004.

- “Microscopic properties of Yam (*Dioscorea* sp) starches implications for industrial application.” Northern Caribbean University Annual Science Symposium. Mandeville, Manchester. April 20, 2004.
- “The relationship between Amylose Content and some Rheological properties of starches from five Jamaican yams (*Dioscorea* sp).” 17th Annual National Conference on Science and Technology. Knutsford Court Hotel, Kingston, Jamaica. November 29 – 22, 2003.
- “The relationship between amylase content and some rheological properties of starches from five Jamaican yams (*Dioscorea* spp).” 17th Annual National Conference on Science and Technology.
- “The relationship between amylase content and some rheological properties of starches from five Jamaican yams (*Dioscorea* spp).” 17th Annual National Conference on Science and Technology. Knutsford Court Hotel, New Kingston, Jamaica. November 19-22, 2004. Proceedings from the Scientific Research Council Book of Abstracts: 25.
- **Riley, C.K., Wheatley, A.O., Hassan, I., Ahmad, M.H., Morrison, E.Y. St. A., and Asemota, H.N.** “X-ray crystallographic and scanning electron microscopic analysis of starches from five yam (*Dioscorea* spp.) varieties grown in Jamaica.” HUPO 2nd Annual and IUBMB XIX Congress, Montreal, Canada. October 8 – 11, 2003.
- **Wheatley, A.O., Riley, C.K., Bahado-Singh, P.S., Smith, T.M., Asemota, H.N., and Morrison, E.Y.** “Relationship between amylase content and the in vitro digestibility and glycemic index of some Jamaican yam (*Dioscorea* spp.) starches. Diabetes and Metabolism, Vol. 29, 4S198.”
- **Wissart, J., Kulkarni, S., and Parshad, O.** (2004). “Status of Thyroid Gland in pregnancy and its relation to postpartum depression.” 49th Annual Caribbean Health Research Council. St. Georges, Grenada. April 22 – 24, 2004.

PUBLICATIONS

Refereed

- * **Asemota, H., Omoruyi, F., McAnuff, M., Dilworth, L., Harding, W., Jacobs, H., McFarlane-Anderson, N., Ahmad, M., and Morrison, E.Y.** (2003). "Analyses of Natural Products in Jamaican Tuber Crops: The need for Biotechnological Exploitation." *Jamaica Journal on Science and Technology*, 14, 3-8.
- * **Ashby, Mark K.** (2004). "Survey of the number of two-component response regulator genes in the complete and annotated genome sequences of prokaryotes." *FEMS Microbiology Letters* 231:277-281.
- * **Bazuaye, P., Fletcher, H., McFarlane-Anderson, N.** (2004). "Lifestyle and cervical dysplasia in Jamaica." *Int. J. Gynecology and Obstetrics* 84: 175-177.
- * **Brown, V.M.D., Asemota, H.N., Thangavelu, M. and Mantell, S.H.** (2003). "Genetic Variation among Dasheen (*Colocasia sp.*) and Cocoyam (*Xanthosoma sp.*) grown in Jamaica by PCR-based analyses." *Jamaican Journal of Science and Technology* 14: 67-78.
- * **Dilworth, L.L., Omoruyi, F.O., Simon, O., Morrison, E.Y., and Asemota, H.N.** (2004). "Hypoglycaemia and faecal minerals in phytate fed rats." *Nutrition and Food Science*, 34(2), 60-64.
- * **Gray, M., Singh, P.** (2003). "Investigation of the effects of Manilkara Zapota (L) P. Van Royer on blood pressure and heart rate of rats in Advancing Caribbean Herbs in the 21st Century." Proceedings of the sixth International Workshop on herbal medicine in the Caribbean, pp 21-25. Published by UWI, St. Augustine, Trinidad and Tobago.
- * **McAnuff, M.A., Omoruyi, F.O., Morrison, E.Y., and Asemota, H.N.** (2003). "Hepatic function enzymes and lipid peroxidation in streptozotocin-induced diabetic rats fed Bitter Yam (*Dioscorea Polygonoides*) steroidal sapogenin extract." *Diabetologia Coratica*, 32(1), 17-23.

- * **McAnuff, M.A., Omoruyi, F.O., Gardner, M., Asemota, H.N., and Morrison, E.Y.** (2003). "Alterations in intestinal morphology of streptozotocin-induced diabetic rats fed Jamaican bitter yam (*Dioscorea Polygonoides*) sapogenin extract." *Nutrition Research*, 23(11), 1569-1577.
- * **McKoy, M., Omoruyi, F., Simon, O., and Asemota, H.** (2004). "Investigation of the effects of a sapogenin rich preparation from a Jamaica yam (*Dioscorea sp.*) on blood cholesterol levels in rats." *Proceedings of the Western Pharmacology society* 46: 156-159.
- * **Omoruyi, F., McAnuff, M., Dilworth, L., Morrison, E., and Asemota, H.** (2004). "Exploitation of Jamaican tuber crops for natural products utilization." *Science, Technology and Innovation, University of the West Indies*, 33-36.
- * **Pepple, D.J., Mullings, A.M., and Reid, H.L.** (2004). "Increased incidence of adverse perinatal outcome with low maternal blood viscosity in pre-eclampsia. *Clin. Hemorheol. Microcirc.* 30(2): 127-131.
- * **Ragoobirsingh, D., McGrowder, D., Dasgupta, T., and Brown, P.** (2004). "The effect of nitric oxide in glucose metabolism." *J. Mol. Cell. Biochem.* xx: 1-6.
- * **Riley, C.K., Wheatley, A.O., Hassan, I., Ahmad, M.H., Morrison, E.Y.St.A., and Asemota, H.N.** (2004). "In vitro digestibility of raw starches extracted from five yam (*Dioscorea sp.*) grown in Jamaica." *Starch/Starcke* 56(2): 69-73.
- * **Roye, M.E., Brown, S., Spence, J.D., Smith, K., and McLaughlin, W.** (2003). "Ten years of Molecular Biology on whitefly-transmitted geminiviruses from Jamaica: A Review." *Jamaica Journal of Science and Technology* 14: 98-118.
- * **Tolan, I., Ragoobirsingh, D., and Morrison, E.Y.** (2004). "Extraction and purification of the hypoglycaemic principle in bird pepper." *Phytotherapy Research* 18: 95-96.
- * **Wheatley, A.O., Osuji, G., Ahmad, M.H., and Asemota, H.N.** (2003). "Maximizing the use of challenged environments: Development of salt tolerant in vitro yam

(Dioscorea Alata) Plantlets.” *Jamaican Journal of Science and Technology* 14: 46-57.

- * **Wheatley, A.O., Ahmad, M.H. and Asemota, H.N.** (2003). “Development of salt adaptation in in vitro greater yam (*Dioscorea alata*) plantlets.” *In Vitro Cell. Dev. Biol. – Plant* 39(3): 346-353.
- * **Wheatley, A.O., Ahmad, M.H., and Asemota, H.N.** (2003). “A comparison of the storageability of in vitro derived and traditionally produced yam (*Dioscorea cayenensis*) tubers.” *Jamaican Journal of Science and Technology* 14: 40-45.

PUBLISHED ABSTRACTS

- * **Bahado-Singh, P.S., Wheatley, A.O., Morrison, E.Y.St.A., Ahmad, M.H., and Asemota, H.N.** (2004). “Investigation of the effect of food processing on the glycemic indices of some Jamaican foods: A proactive approach to the management of Type II Diabetes Mellitus.” *West Indian Medical Journal*. 53 (Suppl 1): 45.
- * **Bahado-Singh, P.S., Wheatley, A.O., Asemota, H.N., and Morrison, E.Y.St.A.** (2003). “Glycemic indices of selected food crops of the Caribbean: Implications for the management of diabetes.” *Molecular and Cellular Proteomics*, Vol. 2, No. 9. p. 881.
- * **Cohall, D.H., and Singh, P.D.A.** (2004). “The cytotoxic effect of plant extract PDA316 on yeast (*saccharomyces cerevisiae*) and its potential anticancer properties on spontaneous mammary tumours in Sprague Dawley Rats.” *WTMJ*, 53 (Suppl. 2): 53.
- * **Dilworth, L.L., Omoruyi, F.O., and Asemota, H.N.** (2004). “Intestinal enzymes and bone minerals in rats fed phytic acid extract from sweet potato (*Ipomea Batas*). the *FASEB Journal*, 18(8); C44. Abstracts, 1.1-147.3.
- * **Dilworth, L., Omoruyi, F.O., Simon, O., Morrison, E.Y., and Asemota, H.N.** (2004). “Effects of sweet potato (*Ipomea Batatas*) phytic acid extract on blood glucose, liver function

enzymes and faecal mineral loss: A case study with rat model.”
West Indian Medical Journal. 53: (Suppl. 1): 45-46.

- * **Duff, E.M.W., O'Connor, A.O., McFarlane-anderson, N., Wint, Y.B., Bailey, E.Y., and Wright-Pascoe, R.** (2004). “Nutritional status, self-care practices, and glycaemic control in adults with diabetes mellitus.”
- * **Earle-Barrett, S., Wheatley, A.O., Asemota, H.N., and Lobban, K.** (2003). “Study of biodiversity within Jamaican yam (*Dioscorea spp*), using Random Amplified Polymorphic (RAPD) DNA and Amplified Fragment Length Polymorphism (ALFP).” *Molecular and Cellular Proteomics*, Vol. 2, No. 9, p. 900
- * **Gossell-Williams, M., Simon, O., Melville, T., Evans, R.** (2004). “An aqueous extract from the bark of fagara martinicensis shows selective stimulation of $\alpha 1$ -adrenergic receptors. 2004 Experimental Biology meeting abstracts (accessed at <http://www.biosis-select.org/faseb/index/html>).
The FASEB Journal, 18, Abstract #650.9.
- * **Gossell-Williams, M., Davis, A., and O'Connor, N.** (2003). “The nutraceutical value of pumpkin seed oil: inhibition of the growth of rat prostate.” *Science and Technology Economic Development: Technology Driven Agriculture and Agro-processing*.
- * **Kahwa, E.K., Sargeant, L.A., McCaw-Binns, A., McFarlane-Anderson, N., Smikle, M.F., Forrester, T.E., and Wilks, R.J.** (2004). “Anticardiolipin antibodies in Jamaican Primiparae.”
- * **Levy, A.S., Simon, O.R.** (2004), “Effects of ginger oil on the early stages of Freund's Adjuvant Arthritis in rats.” 2004 Experimental Biology meeting Abstracts. *The FASEB Journal*, 18, Abstract #650.2.
- * **Lobban, K.S., Wheatley, A.O., Golden, K., and Asemota, H.N.** (2003). “Investigation of polyphenol oxidase change associated with the *in vitro* propagation of *Dioscorea Alata* cv. sweet yam.” 17th Annual National Conference on Science and Technology. Science and Technology for Economic

Development: Technology Driven Agricultural and Agro-processing. p. 25.

- * **Lobban, K.S., Wheatley, A.O., Golden, K., and Asemota, H.N.** (2003). "Investigation of the biochemical changes associated with *ex vivo* and *in vitro* developmental processes in *Dioscorea* spp." *Molecular and Cellular Proteomics*, Vol. 2, No. 9, p. 773.
- * **McKoy, M.G., Omoruyi, F.O., Asemota, H.N., and Simon, O.R.** (2004). "Evaluation of toxicological effects of a sapogenin-rich yam (*Dioscorea* sp). Preparation with potential for treating hypercholesterolemia." *The FASEB Journal*, 18(5); A999. Abstracts Part II, 480.1-860.14.
- * **McLeod, K., Ebanks, W.O., and Pearson, A.G.M.** (2003). "Distillery effluent as a substrate for microbial growth" Proc. Scientific Research Council of Jamaica, 17th Conference 2003.
- * **O'Connor, A.O., McFarlane-Anderson, N., Duff, E.M.W., and Wright-Pascoe, R.** (2004). "Risk Assessment in adults with diabetes mellitus.
- * **Omoruyi, F.O., McAnuff, M.A., Morrison, E.Y., Asemota, H.N.** (2003). "Exploitable potentials of sapogenin extract from Jamaica bitter yam (*D.polygonoides*) in the management of diabetes mellitus." *West Indian Medical Journal*, 52: (Suppl. 2): 38-39.
- * **Patterson, M.A., and Singh, P.D.A.** (2004). "Effect of a plant extract on urine excretion in Sprague Dawley Rats." *West Indian Medical Journal* 53 (Suppl. 2): 82.
- * **Powell, M., Wheatley, A.O., Tennant, P., Omoruyi, F., Asemota, H.N., Gonsalves, D., and Ahmad, M.H.** (2003). "Rat intestinal transport enzymes: Effect of the consumption of transgenic papaya (*Carica papaya* L)." *Molecular and Cellular Proteomics*, Vol. 2, No. 9, p. 881.
- * **Rajendran, P., Reid, H.L., Wright-Pascoe, R., and Choo.Kang, E.** (2004). "Cardiovascular autonomic function and vasomotor response in diabetic patients."

RESEARCH for development 2004 – The UWI, Mona. p. 69, 2004.

- * **Riley, C.K., Wheatley, A.O., Adebayo, A.S., Ahmad, M.H., and Asemota, H.N.** (2004). “Industrial exploitation potential of native Jamaican yam (*Dioscorea* sp) starches in tablet formulation for diabetics: Effect of amylase content and digestibility.” *ASBMB The FASEB J.* 18(8): C45, 1.1-147.3.
- * **Riley, C.K., Wheatley, A.O., Adebayo, A.S., Ahmad, M.H., Morrison, E.Y.St.A., and Asemota, H.N.** (2004). “Implications of amylase content and in vitro digestibility of native Jamaican yam (*Dioscorea* sp). starches in the formulation of tablets and capsules for diabetics.” *West Indian Medical Journal.* 53 (Suppl 1): 43.
- * **Riley, C.K., Wheatley, A.O., Hassan, I., Ahmad, M.H., Morrison, E.Y.St.A, and Asemota, H.N.** (2003). “X-ray crystallographic and scanning electron microscopic analysis of starches from five yam (*Dioscorea spp*). grown in Jamaica. *Molecular and Cellular Proteomics*, Vol 2, No. 9, p.981.
- * **Riley, C.K., Bahado-Singh, P.S., Wheatley, A.O., Asemota, H.N., and Morrison, E.Y.St.A** (2003). “Effects of amylase content on the in vitro digestibility and glycaemic index of some Jamaican yam (*Dioscorea spp*) starches.” *West Indian Medical Journal*, 52: (Suppl. 2): 39.
- * **Thaxter, K., Young-Martin, L.E., Parshad, O., Young, R.E., and Addae, J.** (2003). “Effects of Neem as revealed by Somatosensory evoked potentials and the elevated X-Maze.” *Society for Neuroscience Abstracts Viewer*, 859.2, 2003.
- * **Wheatley, A.O., Riley, C.K., Bahado-Singh, P.S., Smith, T.M., Asemota, H.N., and Morrison, E.Y.** (2003). “Relationship between amylase content and the in vitro digestibility and glycemic index of some Jamaican yam (*Dioscorea spp.*) starches.” *Diabetes and Metabolism*, Vol. 29, 4S198.

- * **Wint, Y.B., Duff, E.M.W., O'Connor, A.O., McFarlane-Anderson, and Bailey, E.Y.** (2004). "Knowledge and self-reported motivational factors in adult with diabetes mellitus."
- * **Wissart, J., Kulkarni, S., and Parshad, O.** (2004). "Status of Thyroid Gland in pregnancy and its relation to postpartum depression." *West Indian Medical Journal*, 53 (suppl 2):7.

PUBLIC SERVICE

Professor Helen Asemota

- International Consultant for Biotechnology to the Republic of Tajikistan, United Nations' Food and Agriculture Organization (UN-FAO).
- International Proxy Parents (IPP) Education Committee, Scholarship Liaison Officer, Jamaica.
- Project Co-ordinator, Jamaica-Mexico Bi-national Commission Technical Cooperation Project (the Anti-nutritional Factors' Project – Phase II).
- International Consultant for Biotechnology, to the Republic of Tajikistan

Tazhmoye Crawford-Brown

- Member, Consumer Advisory Committee for public utilities in Jamaica

Dr. Norma McFarlane-Anderson

- CAFFE Observer, General and Local Elections
- Member, International Proxy Parents, Education Committee
- Session Chairman, 17th Annual National Conference on Science and Technology and Exposition, November 2003.

Dr. Wayne McLaughlin

- Member, National Co-ordinating Committee (NCC) of the National Bio-Safety Framework Project-UNEP-Global Environment Framework (GEF).

- Member, Jamaica Journal Editorial Committee
- Member, PROCICARIBE – CAPGERNet Working Group (Plant Genetic Resources)
- Member, National Commission on Science and Technology, Jamaica – Bio-Safety Committee.

Professor Omkar Parshad

- Director, Lions Club of St. Andrew
- President, Indian Cultural Society of Jamaica

Dr. Dalip Ragoobirsingh

- Consultant, Diabetes and Metabolism: Diabetes Association of Jamaica.
- Consultant, Diabetes Educator – International Diabetes Federation, Brussels, Belgium.

Dr. Oswald Simon

- Observer, Technical Advisory Committee for the CARICOM Drug Testing Laboratory.

Dr. Paul Singh

- Member, Poison Information Network Management Committee of the University of Technology, Jamaica, Environmental Health Foundation.

Dr. Andrew Wheatley

- Deputy Mayor, Spanish Town
- Vice Chairman, St. Catherine Parish Council
- Councillor, Naggo Head Division
- Member, Optimist Club of Braeton
- Reviewer, Journal of Food Science
- Board Member, International Cannabis Research Institute

CATEGORIES OF STUDENTS

1. Undergraduate Degree Programmes

a) BSc. Biochemistry Programme:

The following courses were offered to students in the Faculty of Pure and Applied Sciences:

Course Code	No of Registered Students		Pass Rate
	2003/ 2004	No. of Passes	
BC21C	88	75	85%
BC21D	86	85	99%
BC21M	84	83	99%
BC31M	17	17	100%
BC34B	41	36	88%
BC34C	42	41	98%
BC34D	18	17	94%
BC35A	36	35	97%
BC35C	20	20	100%
BC35D	20	20	100%
BC35F	15	14	93%
BC36A	7	7	100%
BC39P	36	34	94%

b) B. Med. Sc/MB.BS. – Medical Programme.

In this programme the following courses were offered:

Course Code	No of Registered Students		Pass Rate
	2003/ 2004	No. of Passes	
MB111	116	107	95%
MB222	110	98	89%
MB333 (Final)	105	93	89%
MB333 (Supplemental)	12	10	83%

c) B.B. Med. Sc. (with majors in Anatomy, Biochemistry, Pharmacology, Physiology). This new programme was introduced at the beginning of the academic year. The students in the programme are taught simultaneously with the first year of the medical programme. In years 2 and 3,

students specialize in one of the majors listed above. Presently, because of the limitation of available teaching accommodation, only a small number of students was accepted into the programme. However, the number would be gradually increased as teaching accommodation increases. The following are the courses offered in this programme during the academic year under review.

Course Code	No of Registered Students		Pass Rate
	2003/ 2004	No. of Passes	
BM10A	3	3	100%
BM11A	4	4	100%
BM12A	3	3	100%
BM13A	3	3	100%
BM14B	3	3	100%
BM15B	3	3	100%
BM16B	3	3	100%
BM17B	3	3	100%
BM18B	3	3	100%

2. Postgraduate Degree Programmes:

Eighty (80) students pursued the following postgraduate research degrees in the department.

Subjects	Number. of Students Registered in Degree Programmes		Total
	MPhil	PhD	
Anatomy	1	1	2
Biochemistry	32	15	47
Pharmacology	14	6	20
Physiology	8	3	11
Total	55	25	80

Among the registered students as indicated above, the following either had their registration upgraded from M.Phil to Ph.D or they have been awarded postgraduate degrees:

- a) Students whose researches have been upgraded from MPhil to PhD:

Arkene Levy	–	Pharmacology
Sacha Campbell	–	Biochemistry

- b) Students who were awarded postgraduate degrees:

Angel JustizVaillant	–	PhD Biochemistry
Marie McAnuff	–	PhD Biochemistry
Sherline Brown	–	PhD Biochemistry
Idongesit Obiefuna	–	PhD Physiology
Karlene Barrett	–	MPhil Biochemistry
Winston Young	–	MPhil Biochemistry
Janice Wissart	–	MPhil Physiology

DEPARTMENT OF COMMUNITY HEALTH & PSYCHIATRY

**Brendan C. Bain, BSc, MB BS (Hons.), DM, MPH, Dip Med Ed –
Professor of Community Health & Head of Department**

WORK OF THE DEPARTMENT

Introduction



This department is responsible for managing and delivering medical undergraduate teaching programmes in Primary Health Care, Preventive Medicine, Public Health and Psychiatry and postgraduate teaching programmes in Public Health, Family Medicine and Psychiatry. In addition, we continue to collaborate with the Department of Sociology, Psychology and Social Work in mounting Masters and Doctoral level programmes in Clinical Psychology. In association with the UWI School of Continuing Studies, we offer training programmes in Pre-Hospital Emergency Care and in Home-based Care of the elderly. A web-based course in Health Services Management developed this year for 3rd year medical students at the Mona campus is the first full distance learning course to be offered in the undergraduate programme of the Faculty of Medical Sciences.

The academic staff have a wide repertoire of research interests reflecting the disciplines already mentioned and including the field of Medical Education. Apart from research, an important aspect of the work of the department has always been interfacing with grassroots communities outside of the university and this year's report again illustrates this.

A highlight of the academic year was the breaking of ground for the erection of a new departmental building to allow the expansion of the special programme for research, care, training and advocacy on behalf of the elderly. Additional space in the new building will be used to expand the department's documentation centre and to accommodate a few more members of staff. The building is scheduled to be completed in late 2004.

Members of our department continue to be active collaborators with the Government of Jamaica and with agencies within and outside of the Caribbean, including universities in North America and the United Kingdom. One example of this collaboration is a three-month island wide training programme in contemporary mental health care conducted on behalf of the Jamaican Ministry of Health by a team from the Section of Psychiatry in which approximately 2,300 health workers were reached. The Psychiatry group also continued its long-standing involvement with the National Council for Drug Abuse in Jamaica and this year members of the group helped to design a substance abuse Master Plan for the Jamaican Government. Members of the Psychiatry team have also been participating in a Latin American and Caribbean Network on Mental Health Services Research convened by the Pan American Health Organization.

The department is playing a pioneering role in the UWI HIV/AIDS Response Programme (UWI HARP). This year, UWI HARP explored links with universities in Guyana, Haiti and the Dominican Republic and established a Regional Coordinating Unit as part of the newly launched Caribbean HIV/AIDS Regional Training (CHART) network. CHART has been set up in order to accelerate and improve the training of health professionals in the care, support and treatment of persons with HIV/AIDS. CHART centres are now operating in the Bahamas, Barbados, Haiti and Jamaica with major external technical and financial support.

A. Undergraduate Medical Programme (B.Med.Sci. /MB BS)

Our academic staff continue to play an active role in designing, teaching and evaluating courses in the Bachelor of Medical Sciences programme. This year, a team from the department led a multidisciplinary group in restructuring the module entitled, “Introduction to Medical Practice.”, which was taught to the first two year groups. The revised structure of this module is in keeping with the philosophy of integrated teaching giving medical students early exposure to clinical medicine and patient care. Evaluations conducted at the end of the Semester revealed a very positive response from the students.

On another front, the fourth year undergraduate medical clerkship in Psychiatry underwent further reorganization to stress better doctor/patient communication skills, the development of empathy and ethical considerations in clinical practice. The fourth year medical student clerkship in Community Health again included hands-on, supervised

practice in designing, analyzing and reporting of quantitative research projects.

B. Graduate Programmes

1. Section of Psychiatry

Doctor of Medicine, Psychiatry

In June 2004, two person were successful in the Part I examinations of the DM (Psych) Examination, two persons passed the DM (Psych) Part II examination, and two persons were successful in the DM (Psych) Part III examination. Dr Judith Leiba was awarded the Eli Lilly Prize for the best Part II candidate.

Master of Science (MSc) in Clinical Psychology

There were eight graduates in this collaborative programme between the Psychology Unit, Department of Sociology, Psychology and Social Work and the Section of Psychiatry. Three students are completing the Research Paper prior to graduation. The programme, which continues to be in high demand, now has 13 first year and 10 second year students.

Master of Philosophy/Doctor of Philosophy (MPhil. / PhD) in Clinical Psychology

In the year under review, there was one final year student, one second year student and five first year students in this programme. One student had to pursue four mandatory courses of the M.Sc. Clinical Psychology programme to complete the entry requirements.

Masters Degree in Activity Therapy – proposed new programme

This programme is still being developed.

Post-Doctoral Fellowship in Child and Adolescent Psychiatry – proposed new programme

This programme has been proposed as an addition to the existing departmental offerings. It is at an early stage of development.

2. Section of Community Health

Master of Public Health (M.P.H.)

In November 2003, another group of 25 students graduated with the Master of Public Health degree. Dr James W Lea, Director, INTRAH, School of Medicine, University of North Carolina at Chapel Hill and a

Member of the PAHO Expert Group on Strengthening Public Health Action in the Americas, served once more as External Examiner. Thirty-seven persons were accepted into the 2003-2004 class.

Master of Philosophy/ Doctor of Philosophy (M.Phil. / Ph.D.) in Public Health

Twelve persons continue to pursue the M.Phil. /Ph.D. (Public Health) degree. Supervisor's Report on these students, giving brief outlines of their progress, are forwarded to the Assistant Registrar, Graduate Studies & Research every 6 months.

Master of Science/ Doctor of Medicine in Family Medicine

This was the final year of the first cohort of twelve post-graduate students in the new Master of Science degree programme in Family Medicine. Local family physicians and colleagues from Trinidad & Tobago, Barbados and the Bahamas served as Internal Examiners, while Dr John Wiecha from the Boston University School of Medicine served once more as External Examiner.

Four new students were admitted to the first year of the three-year MSc programme. One student enrolled to read for the DM in Family Medicine for which the MSc is a pre-requisite.

C. Other courses offered in the Department

Course in Community Care of the Elderly

Twelve students participated in the Year 2004 Regional Course on “Community Care of the Elderly in the Caribbean” which was held from January 19 – June 24, 2004. Eleven participants were from Jamaica, while the twelfth was from St Vincent & the Grenadines. All participants were successful.

Third Annual Course on Infectious Disease Surveillance and Control in collaboration with University of Alabama at Birmingham.

This course was held in August 2003 and was attended by 29 postgraduate students including fourteen from the USA, eleven from UWI and four from the Jamaican Ministry of Health. The group from the USA were from the University of Alabama at Birmingham (UAB) and Texas Tech University (TTU) and included nationals of Kenya, India, Zambia, Bangladesh and Ukraine. Faculty were from UWI, the Jamaican Ministry of Health, UAB and TTU.

Courses for training of 'Pre-Hospital' Emergency Medical Technicians

This year, in the Pre Hospital Emergency Medical Services Training Unit (PHEMS) in the department, sixty seven (67) emergency medical technicians were trained at the basic (EMT-B) level and twenty three (23) at the intermediate level. In addition, forty seven (47) Medical First Responders (MFRs) and eighteen (18) emergency care and treatment (ECAT) instructors were trained and certified. Twenty four EMT-Bs were re certified.

Emergency Medical Technicians - Basic Level (EMT-Bs)

Thirty four EMT-Bs were trained between July and August 2003 and were included in the 2002 – 2003 report. Between October and November 2003, 33 EMT-Bs were trained, 23 for the Jamaica Fire Brigade and 10 for the Jamaican Ministry of Health.

The regular summer training programme 2004 commenced on July 12th and was scheduled to run for six weeks.

Emergency Medical Technicians - Intermediate Level (EMT-Is)

For the first time the Department conducted a course for EMTs at the Intermediate level. This was at the request of the Jamaican Ministry of Health with funding from the Inter-American Development Bank. Twenty three persons were trained: 20 from the Jamaica Fire Brigade and three who were not attached to an organization.

Medical First Responders (MFRs)

In October 2003, 47 medical first responders (MFRs) from two Regional Health Authorities were trained on site: 27 in the Southern Regional Health Authority (Mandeville) and 20 from the Western Region (Montego Bay).

Re-certification

Between December 2003 and January 2004 twenty four EMT – Bs were re-certified. Eight were from the Fire Brigade, seven from the May Pen Hospital and nine from the St Ann's Bay Hospital.

Course in Emergency Care and Treatment (ECAT)

This is a new course developed by PAHO. It is at the level of MFR but is designed as a response to trauma in disaster situations. PAHO invited the Department to host a one week course to train persons to become ECAT instructors. Ten Caribbean countries were represented with eight persons from Jamaica. The course was conducted successfully between May 10th and May 14th. Since then, the Department has been invited to conduct two courses to train ECAT providers over the next twelve months.

Training programme in mental health for health workers of the Jamaican Ministry of Health

This training programme in contemporary mental health care, which commenced in July 2003, was organized and run by staff from the Section of Psychiatry. Approximately 2,300 health care workers participated, including community health aides, midwives, nurses, mental health officers, nurse practitioners, and medical officers. The programme was conducted at the request of the Jamaican Ministry of Health with a grant of J\$6 million from the Inter American Development Bank, and was completed in October 2003.

D. Distinguished Lectures

Section of Psychiatry

The special series of distinguished lecture/discussions in Psychiatry, which was started in September 2001, continued with a presentation by Dr. Aggrey Burke, Senior Lecturer in Psychiatry, St. Georges Hospital Medical School.

UWI HIV/AIDS Response Programme (UWI HARP)

In August 2003, Professor Sten Vermund, Director of the John J. Sparkman Center for International Public Health Education at the University of Alabama, Birmingham and an internationally recognized authority on HIV/AIDS, gave a public lecture on "The treatment of HIV/AIDS in resource constrained settings." The

evening programme was organized by the UWI HARP Coordinating Unit.

RESEARCH IN PROGRESS

- Cross-Cultural comparison of sexual and romantic jealousy in Senegalese and Jamaican women. Diongie, Morgan K.
- Effects of Music on Learning and aggression. Chung R, Morgan K.
- Using art as a diagnostic tool for mental illness. Morgan K, Chung R.
- Evaluating the relationship between physical affection and violence. Reid K, Morgan K.
- Case study analysis of behavioural intervention for self-induced rectal prolapse. Pitter T, Mitchell, Guthrie-Smith H, Morgan K.
- Evaluation of a multidisciplinary cultural therapy team approach as a risk-reduction intervention in violence and high-risk behaviours at an inner-city school in Kingston, Jamaica. Hickling FW, Morgan K, Gibson R, Chung R.
- An evaluation of Homelessness in Jamaica. Hickling FW, Abel W, McCallum M.
- Comparing the efficiency of Community Mental Health services in two parishes in Jamaica. Hickling FW, Ottey FO, Gooden C, Lowe G.
- Development of Low Cost Community-based Intervention Programs for the Severely Mentally Ill: A Feasibility Study" in response to the "Request for Internal Proposals" of PAHO's Multicenter Project 2004. Hickling FW.
- The Role of the Family as Case Managers in the Mental Health Care Services. Williams-Green, Abel WD, Haynes T, Hickling FW.
- Sociodemographic Characteristics of Deportees in Community Residential Facilities. Hickling FW, Morgan K, Robertson-Hickling HA, Abel W.

- An evaluation of an Assertive Outreach program in severely mentally ill patients in Birmingham, UK. Hickling FW, Ratnayake T.
- Strategic Initiative/RFA: Stigma and Global Health Research Program, Stigma and the Dynamics of Social Exclusion in Severe Mental Illness: a multi-centre cross-cultural comparative study. Canadian Institutes of Health Research (CIHR).
- Prevalence, Pattern and Co-morbidity of Substance Abuse in a Birth Cohort in Jamaica. De La Haye W, Samms-Vaughan M.
- Impact of Narcotics Trafficking on the Jamaican Society. De La Haye W. et al. In collaboration with the Center for Drug Abuse Research (CDAR) and the School of Education, Howard University, Washington, D.C., U.S.A.
- Prevalence of Depression and its Co-morbidity in Jamaica. De La Haye W, Abel W, Lipps G, Wright E, Hickling F.
- Older Men's Issues. Eldemire-Shearer D, Morris C.
- Age-friendly guidelines – a multicountry study. Eldemire-Shearer D, Paul T, Holder-Nevins D.
- Study of “Developing Integrated Response of Health Care Systems to Rapid Population Ageing” (INTRA) World Health Organization, Multi-country Study 2002. Eldemire-Shearer D, Morris C, Paul T.
- Ethnographic Study of Centenarians in Jamaica. Eldemire-Shearer D, Morris C.
- Economic Contribution of Seniors to Development. Eldemire-Shearer D, Gayle P.
- A randomized double blind placebo controlled trial of a combination of Gingko biloba and ginseng (gincosan) in dementia of varying aetiology. Hickling FW, Ward A, Eldemire-Shearer D. Sponsored by Pharmaton Natural Health Products (Boehringer Ingelheim) Switzerland.
- Impact of Cockroach Infestation on the Development and Severity of Asthma in Children. Scarlett H, Pierre R, Pinnock M, Robinson R, Bailey K.

- Prostate Cancer in Jamaica: The Contribution of Diet and Lifestyle factors. Jackson M, Aiken W, Bennett F, Coard K, Jacobs H, McFarlane-Anderson N, Paul T, Tulloch T, Walker S.
- Manchester Health and Lifestyle Survey II to determine the prevalence of non-communicable diseases and the influence on health seeking behaviours and lifestyle following a health promotion intervention. Jackson M, Coombs M, Wright B, Carney A, Lewis-Fuller E, Reizo Mita.
- Beyond the music: Influencing adolescents perceptions and values relative to sexuality AIM: To assess the influence of dance hall music on sexual decisions and values among adolescents in Jamaica. Holder-Nevins D.
- Diffusion of healthy lifestyle practices among Seventh-day Adventists in North Jamaica: An assessment of impact. Holder-Nevins, D.
- Jamaican Pharmacists and HIV/AIDS: a knowledge, attitudes, beliefs and practices survey. Bain B, McGaw A, Reid M, Ramsay H, Vassell S.
- **Goal Oriented Adolescent Life Skills (GOALS)** - A peer led AIDS prevention program for adolescents in Jamaica. Bhardwaj S, Ramsay DH, Bain BC.
- Assessment of the needs of children in the 0-8 year age group in relation to HIV/AIDS. Bhardwaj S, Ramsay DH, Brown J.
- A study to estimate the incidence and prevalence of HIV/AIDS among teachers and students in Jamaica's education sector. Bailey W, McCaw-Binns A.
- An educational needs assessment in relation to HIV/AIDS among Jamaican dentists. Bhardwaj S, Ramsay DH.
- Rapid Assessment of the factors contributing to Children Orphaned or made Vulnerable by HIV/AIDS in Guyana. Ramsay DH.
- Investigating the Quality of Life of Persons with HIV/AIDS in Jamaica. Ramsay DH, Manning D, Swaby P.

- Development of a model for post natal care aimed at reducing long term morbidity and late maternal mortality. McCaw-Binns A.
- Evaluation of the incidence and causes of maternal mortality 1998-2003 and the efficiency of the maternal mortality surveillance system at identifying incident cases. McCaw-Binns A.
- Assessment of the quality of obstetric care (competency of skilled birth attendants, role of enabling environment in service performance, delays in delivery of emergency obstetric care – collaborative study in Benin, Ecuador, Jamaica and Rwanda). McCaw-Binns A.
- Re-examination of the role of anti-platelet agents in the management of pregnancy induced hypertension. McCaw-Binns A.
- Health, development and behaviour of Jamaica's adolescents at 15-16 years. Jackson M.
- Impact of the Family Medicine component on third-year students during their Community Health rotation. Williams-Green P, Mc-Caw-Binns A.
- The effect of a redesigned teaching curriculum on medical students' performance in the final examination at the University of the West Indies. Abel WD, Morgan KAD, Hickling FW
- Analysis of the Objective Structured Clinical Examination in the UWI MBBS Examination. Hickling FW, Abel W, Morgan K.
- Learning Styles of Third-year Medical Students. Williams-Green P, Matthews A, Paul T.
- Portfolios as a means of assessment of Postgraduate Medical Students. Williams-Green P.
- Caribbean women and their children – Case studies from Jamaica and Trinidad. Falloon DE.
- Measuring the Co-morbidity of Substance Abuse, Violence, Psychopathology, Help-Seeking Behaviour, and Attitudes

toward Substance Abuse, Violence, Mental Illness and the Afflicted: Lambert M, Samms-Vaughn M, Hickling FW.

- Outcome of homeless persons with mental illness, treated in two intervention programmes in Jamaica. Abel WD, McCallum MM, Hickling F W.
- Documentation of Neuropsychiatric Research in the Caribbean, Hickling F, Gibson, R et al.
- Evaluation of screening, referral and early childhood interventions for children 0-8 years old at risk for under- and over-nutrition and poor growth in Jamaica. Jackson M.
- The contribution of diet to prostate cancer in Jamaica: a case-control study. Jackson M. et al.
- Co-morbidity and depression in medical clinics at the University Hospital of the West Indies. Hickling FW, Abel W, De La Haye, Denbow C, Barton E.
- Suicide in Jamaica 1996-2002. Abel W, Hickling FW.
- A prospective analysis of first contact patients seen in the Small Heath Locality in Birmingham UK. Hickling FW, Ratnayake T.
- Literacy and health seeking behaviour of parents with children attending clinic at the Community Health Centre. Laws-Gascoigne HO, Matthews A.
- Non-compliance issues of hypertensive patients attending Hermitage August town Health Centre. Laws-Gascoigne HO, Falloon DE.
- A descriptive study to look at the role of Community Education in the delivery of Primary Health Care, with a focus on the Community Health Aides. Matthews A.
- A look at the relationship between Age and Co-morbidity in the Primary Health Care Centre attached to the Department. Matthews A.
- The Direction and Development of Pre-hospital Emergency Medical Services in Jamaica. Segree W.

- An assessment of cervical and breast cancer prevention actions among women aged 25-54 years in Western Jamaica. Holder-Nevins D, Campbell-Forrester S.
- A study of the use of open medical wards versus specialist psychiatric units for treatment of patients with acute psychoses. Hickling FW, Abel W, Garner P. Cochrane Library (Oxford) collaboration.
- A ten-year outcome study of first contact schizophrenia in Jamaica. Haynes T, Hickling FW.
- A survey of the emergency management of agitated or aggressive psychotic patients in two Kingston hospitals. Hickling FW, Gibson R, Headley J.
- Psychohistoriographic short term psychotherapy. Hickling FW, De La Haye, W.
- Prevention and Treatment of Nicotine Dependence in Jamaica. De La Haye W.

PAPERS PRESENTED

- Outcome of homeless persons with mental illness, treated in two intervention programmes in Jamaica. **Abel WD**, McCallum MM, **Hickling FW**. 49th Annual Scientific Meeting of the Caribbean Health Research Council. Grenada, April 2004.
- Evaluation of a multi-campus Objective Structured Clinical Examination. **Abel WD**, Dockery K, Denbow C, Lipps G, Ali Z, **Hickling FW**. 49th Annual Scientific Meeting of the Caribbean Health Research Council. Grenada, April 2004.
- Jamaican Pharmacists and HIV/AIDS: a knowledge, attitudes, beliefs and practices survey. **Bain B**, McGaw A, Reid M, **Ramsay H**, Vassell S. Conference of the Commonwealth Association of Pharmacists. Ocho Rios, Jamaica, August 15, 2003.
- The UWI HIV/AIDS Response Programme and the Caribbean HIV/AIDS Regional Training Network. **Bain B**. Special Meeting of U.S.-Caribbean Chiefs of Mission. Port-of-Spain, Trinidad, September 2003.

- HIV/AIDS – Training and Education of Professionals: Issues and Suggested approaches. **Bain B.** The Power of Education: Mobilizing the Education Sector against HIV/AIDS. Conference organized by UWI, the Association of Universities and Research Institutes of the Caribbean and UNESCO. Port-of-Spain, Trinidad & Tobago, October 30-31, 2003.
- Curriculum development across disciplines as part of a comprehensive response to the HIV/AIDS crisis in the Caribbean. Muturi N, **Bhardwaj SA, Ramsay H,** de Bruin M, **Bain B.** Annual Conference of the American Public Health Association. San Francisco, U.S.A., November 2003.
- A doctor's emotional response to the care of persons with AIDS. **Bain B.** Jamaican Ministry of Health Training Workshop for Medical Doctors. Montego Bay, Jamaica, October 9, 2003.
- HIV /AIDS Related Curriculum Reform at the University of the West Indies, Mona Campus. (Poster). **Bain B, Bhardwaj S, Ramsay H,** Muturi N, Mullings J. A Multicultural Caribbean United against HIV/AIDS. Conference so-sponsored by CARICOM, CAREC, University of Puerto Rico and the US National Institutes of Health Office of AIDS Research. Santo Domingo, Dominican Republic, March 5-7, 2004.
- Scaling up Antiretroviral Therapy. **Bain B.** Meeting of the Jamaica Association of Pharmacists. Holiday Inn Hotel, Montego Bay, Jamaica, April 24, 2004
- The caregiver's emotional response to patients with HIV/AIDS. **Bain B.** 2nd Scientific & Business Conference, UWI HIV/AIDS Response Programme. Knutsford Court Hotel, Kingston, Jamaica. June 10-12, 2004.
- Reflections on Stigma and Discrimination: Roots and Remedies. **Bain B.** First CHART Caribbean Conference on HIV/AIDS. Half Moon Hotel, Montego Bay, Jamaica, June 16-19, 2004.
- The University of the West Indies HIV/AIDS Programme: Awakening a university to the threat of HIV/AIDS. (Poster). **Bain B, Bhardwaj S,** Ali Z, Theodore K, Fraser H, Ruddock-

- Small M. XV International AIDS Conference. Bangkok, Thailand, July 11-16, 2004.
- Challenges faced by a University in implementing an HIV/AIDS prevention education program: Perspectives from Cave Hill campus, Barbados and Mona campus, Jamaica. (Poster). **Bhardwaj SA**, Sutherland J, **Ramsay DH**, **Bain B**. XV International AIDS Conference. Bangkok, Thailand, July 11-16, 2004.
 - Behaviour change through education: The curriculum review process as part of the University of the West Indies HIV/AIDS Response Programme at Mona campus, Jamaica. (Poster). **Bhardwaj SA**, **Ramsay DH**, Mullings J, Muturi N, Ruddock-Small M, de Bruin M, **Bain B**. XV International AIDS Conference. Bangkok, Thailand, July 11-16, 2004.
 - A qualitative assessment of perceptions of approaches to HIV/AIDS education in a tertiary setting in the English-speaking Caribbean. (Poster). Mullings J, **Bhardwaj S**, Bailey A, Muturi N, White L, **Ramsay H**, Ruddock-Small M, Macpherson-Russell P, **Bain B**. XV International AIDS Conference. Bangkok, Thailand, July 11-16, 2004.
 - Health Education and Communication for HIV/AIDS Prevention in the Caribbean: A Participatory Approach. Muturi N, Ruddock-Small M, **Bain B**. Conference of the International Association for Media and Communication Research (IAMCR). Porto Alegre, Brazil, July 25-30, 2004.
 - Behaviour risk assessment with night school students in Mumbai, India. (Poster). **Bhardwaj SA**. Annual Conference of the American Public Health Association. San Francisco, U.S.A., November 2003.
 - Effectiveness of a teacher versus peer educator in the Goal Oriented Adolescent Life Skills (GOALS) study, Mumbai, India. **Bhardwaj SA**. Annual Conference of the American Public Health Association. San Francisco, U.S.A., November 2003.
 - Defeating HIV /AIDS through Education: the University of the West Indies HIV/AIDS Response Programme. **Bhardwaj SA**. Global Seminar series, John J. Sparkman Center for

International Public Health Education. University of Alabama at Birmingham, U.S.A. November 2003.

- Impact of gender roles on adolescent sexual decision making: Implications for HIV/AIDS prevention programs. **Bhardwaj SA**. Gender, Sexuality and Implications for Substance Abuse and HIV /AIDS, Conference. St. Augustine, Trinidad and Tobago, March 2004.
- Gender Empowerment through education for HIV /AIDS Prevention in the Caribbean: the role of UWI HARP. **Bhardwaj SA**. Gender, Sexuality and Implications for Substance Abuse and HIV /AIDS Conference. St. Augustine, Trinidad and Tobago, March 2004.
- Uniformed Officers: critical role players in the HIV /AIDS epidemic. **Bhardwaj S**. 2nd Scientific & Business Conference, UWI HIV/AIDS Response Programme. Knutsford Court Hotel, Kingston, Jamaica. June 10-12, 2004.
- Are our teachers prepared to deal with the AIDS epidemic? - A Jamaican Perspective. Casimir L, **Bhardwaj S**. XV International AIDS Conference. Bangkok, Thailand, July 11-16, 2004.
- Classification of Dementia. **De La Haye W**. Dementia Workshop sponsored by Janssen-Cilag Pharmaceuticals. Jamaica Pegasus Hotel, Kingston, Jamaica, September 2003.
- A Jamaican Therapeutic Workplace Treatment Model for Substance Abuse. **De La Haye W**. European Union Interregional Conference on Drug Abuse Treatment. Medallion Hall Hotel, Kingston, Jamaica, November, 2003.
- Substance Abuse in Jamaica. **De La Haye W**. Working Collaboratively to Address Substance Abuse: Canada's Health, Education and Enforcement in Partnership (HEP) Approach. Martinique, March 2004.
- The Treatment of Personality Disorder with Psychohistoriographic Psychotherapy. **Hickling F, De La Haye W**. 12th Faculty of Medical Sciences Annual Research Conference. Mona, Jamaica, November, 2003 (poster) and 49th Annual Scientific Meeting of the Caribbean Health Research Council. Grenada, April 2004.

- Collaborations with NIH/NIDA: Progress and Develop- ments. **De La Haye W.** The Continuing Challenges of the Twin Epidemics: Drug Use and HIV/AIDS. US National Institute on Drug Abuse Satellite Meeting at the 49th Annual Scientific Meeting of the Caribbean Health Research Council. Grenada, April 2004.
- Utilization of Consultation Liaison psychiatry in a General Hospital in Jamaica. **De La Haye W., Hickling F.** 1st Regional Congress of Social Psychiatry in Africa, “Brain, Behaviour and Molecules in Social Contexts.” World Association of Social Psychiatry, Johannesburg, South Africa, April 2004.
- New Horizons in the Management of Common Psychiatric Disorders. **De La Haye W.** Medical Association of Jamaica Symposium 2004, “Medicine, Technology and the New Therapeutics.” Jamaica Pegasus Hotel, Kingston, Jamaica, June 2004.
- Psychiatric Illnesses in Pregnancy. **De La Haye W.** Grabham Obstetric and Gynaecological Society Annual Clinical Conference. Eden Gardens, Kingston, Jamaica, July 2004.
- Evaluation of the general mental well-being of doctors and nurses in two hospitals in Kingston, Jamaica. Lindo JLM, **La Grenade J, McCaw-Binns A, Jackson M, Eldemire-Shearer D.** 49th Annual Scientific Meeting of the Caribbean Health Research Council. Grenada, April 2004.
- Evaluation of a Community Mental Health Aftercare Programme for Acute Mentally Ill Patients in a Psychiatric Ward of a General Hospital. **Lowe GA,** Halliday S, **Hickling FW.** 12th Faculty of Medical Sciences Annual Research Conference. Mona, Jamaica. November 2003 and 49th Annual Scientific Meeting of the Caribbean Health Research Council. Grenada, April 2004.
- The Prevalence of Depression and Anxiety Among end-stage Renal Patients Treated With Haemodialysis at the University Hospital of the West Indies. Haynes-Robinson TS, Barton EN, **Hickling FW.** 12th Faculty of Medical Sciences Annual Research Conference. Mona, Jamaica. November 2003.

- Blood donation, actions and intent among University students. Richards S, **Holder-Nevins D**. 12th Faculty of Medical Sciences Annual Research Conference. Mona, Jamaica. November 2003, and 49th Annual Scientific Meeting of the Caribbean Health Research Council. Grenada, April 2004.
- Growth and Nutrition report. **Jackson M**. Presented at a meeting called for the “Design of a System for Screening, Referral and Early Intervention for Children at Risk in Jamaica.” UWI/MOH (Jamaica)/UNICEF. June 25-26, 2004.
- **Jackson M**, Ashley D. Workplace Violence in Jamaica’s Health Sector: Determinants of Physical and Psychological Abuse. 49th Annual Scientific Meeting of the Caribbean Health Research Council. Grenada, April 2004.
- Lindo JLM, **LaGrenade J**, **McCaw-Binns A**, **Jackson M**, **Eldemire-Shearer D**. Evaluation of the general mental well-being of doctors and nurses in two hospitals in Kingston, Jamaica. 49th Annual Scientific Meeting of the Caribbean Health Research Council. Grenada, April 2004.
- **Jackson MD**, Coombs MP, Wright BE, Carney A, Lewis-Fuller E, Reizo M. Self-reported non-communicable chronic diseases and health seeking behaviour in rural Jamaica, following a health promotion intervention: A preliminary report. The 7th Meeting of the Hirosaki International Forum of Medical Science. Hirosaki, Japan. October 28 -29, 2003.
- Chronic Non-communicable Disease in a Primary Care Centre, Prevalence Co-prevalence & Associated Factors. **Matthews A**. 2nd Pan Caribbean Conference, Caribbean College of Family Physicians. Kingston, Jamaica, September 2003
- Telephone Triage in Medical Emergencies and Nursing Care for Health. **Matthews A**. Inaugural Caribbean Telemedicine Symposium and Exhibition, UWI, Mona. July 22-25 2004.
- Is HIV/AIDS affecting the supply of and demand for educational services in Jamaica? **McCaw-Binns A**, Bailey W. The Power of Education: Mobilizing the Education Sector against HIV/AIDS. Conference organized by UWI, the

Association of Universities and Research Institutes of the Caribbean and UNESCO, Port-of-Spain, Trinidad & Tobago. October 30-31, 2003.

- Are skilled birth attendants really skilled? A multi-country study of SBA competence. Harvey SA, Ayabaca P, Boucar M, Bucagu M, Edson W, Gbandbade S, Hedman E, Hermida J, Legros S, **McCaw-Binns A**, Burkhalter B. 20th International Conference, International Society for Quality in Health Care. Dallas, Texas, November 3-5, 2003.
- Anti-cardiolipin antibodies in Jamaica primiparae. Kahwa EK, Sargeant LA, **McCaw-Binns A**, McFarlane-Anderson N, Smikle MF, Forrester TE, Wilks RJ. 49th Annual Scientific Meeting of the Caribbean Health Research Council. Grenada, April 2004.
- Barriers to accepting HIV/AIDS affected children in the school community. Bailey W, **McCaw-Binns A**. UWI HIV/AIDS Response Programme: 2nd Scientific and Business Conference. Kingston, Jamaica: June 10-13, 2004.
- Jamaican men's involvement in family life – going beyond economic support. **Morris C**, **Eldemire-Shearer D**, **Paul TJ**. Association for Gerontology in Higher Education – 30th Annual Meeting and Educational Leadership Conference: Global Aging. Richmond, Virginia, U.S.A. Feb 26-29, 2004.
- The Involvement of elderly Jamaican Men in Family Life: Going beyond Economic Support. **Morris C**. 12th Annual Conference of the American Men's Studies Association. Chicago, Illinois, U.S.A. April 2-4, 2004.
- Age friendly practice guidelines. (Paul TJ) Caribbean College of Family Physicians 2nd Pan Caribbean Conference, Jamaica, September 25-28, 2003
- Diabetes and hypertension-continuity of care and observations on onset & time to co-morbid state. (Reid R, **Paul TJ**.) Caribbean College of Family Physicians 2nd Pan Caribbean Conference, Jamaica, September 25-28, 2003.
- The Caribbean Charter for Health Promotion: A strategic framework for violence prevention in Jamaica. **Paul TJ**, **Segree W**, Ferguson D. 7th World Conference on Injury

Prevention and Safety Promotion. Vienna, Austria, June 6-9, 2004.

PUBLICATIONS

Refereed

- * **Bain B.** The UWI HIV/AIDS Response Programme. *Caribbean Quarterly* Vol. 50, No. 1: 11-14. March 2004.
- * **De La Haye W.** Exposure Opportunity and Substances of Abuse (Editorial). *West Indian Med. J.* 53: 141-142, 2004.
- * **Eldemire-Shearer D, Paul, TJ.** Ageing – time for a paradigm shift in healthcare services. *West Indian Med. J.* 52 (Suppl.6.):45, 2003.
- * **Hickling FW, Matthies BK.** Training Clinical Psychologists at the University of the West Indies. *West Indian Med. J.* 52 No.4, 326, 2003
- * **Hickling FW.** Popular Theatre as Psychotherapy. *Interventions: International Journal of Post Colonial Studies* Vol 6 (1): 45-56, 2004
- * **Blake OA, Jackson JC, Jackson MD, Gordon CLA.** Assessment of Dietary Exposure to the natural toxin hypoglycin in Ackee (*Blighia sapida*) by Jamaican Consumers. *Food Research International.* 37 (8): 833-838, 2004
- * **Zohoori N, Jackson M, Wilks R, Walker S, Forrester TE.** Nutritional status of older adults in urban Jamaica. *West Indian Med. J.* 52(2): 111 – 117, 2003.
- * **Alexander S, McCaw-Binns A.** The oral health status of 12 year old children in St Lucia. *West Indian Dental Journal.* 7(1): 17-20, 2003.
- * **Ramsay DH, Williams S, Brown J, Bhardwaj S.** Young Children, a neglected group in the HIV Epidemic: Perspectives from Jamaica. *Caribbean Quarterly* Vol. 50, No. 1: 9-53, March 2004.

Book

- * Kelly M, **Bain B**. Education and AIDS in the Caribbean. IIEP, UNESCO, Paris. October 2003.

Book chapters

- * **Jackson MD**, Coombs MP, Wright BE, Carney AA, Lewis-Fuller E, Reizo Mita. Self-reported non-communicable chronic diseases and health seeking behaviour in rural Jamaica, following a health promotion intervention: A preliminary report. In: Mita R and Satoh K eds. *International Collaboration in Community Health. International Congress Series 1267*: Elsevier p. 59 – 68, 2004.
- * **McCaw-Binns A**. Reducing fetal mortality. In: Lucas AO, Stoll BJ, Alisjahbana A, Bang A, Caulfield L, Goldenberg R, Koblinsky M, Kramer M, McCaw-Binns A, Nathoo K, Sanghvi H, Simpson JL. *Improving Birth Outcomes: Meeting the Challenge in Developing Countries*. Institute of Medicine. National Academy Press: Washington DC, 2003, pp 135-162.
- * Lucas AO, Stoll BJ, Alisjahbana A, Bang A, Caulfield L, Goldenberg R, Koblinsky M, Kramer M, **McCaw-Binns A**, Nathoo K, Sanghvi H, Simpson JL. *Reducing Birth Defects: Meeting the Challenge in Developing Countries*. Institute of Medicine. National Academy Press: Washington DC, 2003.
- * **McCaw-Binns A**. Case study: Jamaica, 1991-1995. In: *Reducing maternal mortality: Learning from Bolivia, China, Egypt, Honduras, Indonesia, Jamaica and Zimbabwe*. Human Development Network: Health, Nutrition and Population Series. Koblinsky MA (editor). World Bank: Washington, DC. 2003, pp 123-129.

Non-refereed Publications

- * **Bain, B**. Strengthening Family Medicine Research. *Proceedings of the Second Pan-Caribbean Conference of the Caribbean College of Family Physicians*. Kingston, Jamaica. September 25-28, 2003.
- * **Hickling FW**. The African Renaissance and the Struggle for Mental Health in the African Diaspora. *The African Diaspora: Psychiatric Issues. Proceedings of a Meeting held November 17 -21, 2002, Boston, Massachusetts*.

Monograph (non-refereed)

- * **Abel W, Lowe G.** Protocol for the Management of Common Mental Disorders. Ministry of Health, Jamaica.

Technical Reports

- * **Bain B.** HIV/AIDS, Malaria and Other Diseases. In: Benn D (editor), Bailey B, Bain B, Clayton A, McCaw-Binns A, Miller E, Samms-Vaughan M, Witter M. *Caribbean Regional Report on the Implementation of the Millenium Development Goals (MDGs)*. Prepared for the United Nations Development Programme (UNDP). UWI, Mona, July 2004.
- * **Bhardwaj S, Ramsay H.** ‘We all know someone with HIV’ – *Research project undertaken on early childhood and HIV/AIDS issues*. Prepared for the United National Educational, Scientific and Cultural Organization (UNESCO).
- * **Hickling F, Kahwa I, Munroe T, Shepherd V, Wint A.** Strategic Challenges Confronting UWI, Mona: An Analysis and Response. UWI, Mona. 2003.
- * **Hickling F, Abel W, Hunter C et al.** Strategic Challenges Confronting UWI, Mona: UWT’s Repositioning Strategy. New Initiative Sub Committee. UWI, Mona. 2004.
- * **Holder-Nevins D.** Qualitative assessment of educational posters on ‘Children and Violence’ Ministry of Health, Jamaica. April 2004.
- * **Jackson M, Coombs Michael P, Wright Beverley E, Carney Alice A, Lewis-Fuller Eva, Reizo M.** *Manchester Health and Lifestyle Survey II*. Japan International Cooperation Agency / Southern Regional Health Authority, Jamaica. 2004.
- * **Jackson M.** “Quantitative methods in dietary assessments” in *Analytic Review of Conduct and Use of Food Consumption and Anthropometric Surveys in the Caribbean*. Caribbean Food and Nutrition Institute. 2004.
- * **McCaw-Binns A.** Improving Maternal Health. In: Benn D (editor), Bailey B, Bain B, Clayton A, McCaw-Binns A, Miller E, Samms-Vaughan M, Witter M. *Caribbean Regional Report on the Implementation of the Millenium Development Goals*

(MDGs). Prepared for the United Nations Development Programme (UNDP). UWI, Mona, July 2004.

- * **McCaw-Binns A**, Burkhalter B, Edson W, Harvey SA, Antonakos C. *Safe Motherhood Studies – Results from Jamaica Operations Research Results*. Published for USAID by the Quality Assurance Project: Bethesda, MD, April 2004.
- * **Ramsay DH**. A Rapid Assessment of the Situation of Orphans and other Children Living in Households Affected by HIV/AIDS in Jamaica. Published by the National AIDS Committee of Jamaica. 2003.
- * **Segree W**. Report of PAHO Technical Working Group on Emergency Medical Services, PAHO/CAR/61.2/2003.
- * **Segree W**. Pre Hospital Emergency Medical Services – Review of Services in Twelve Caribbean Countries – Recommendations for Standards and Training Guidelines. PAHO/CAR/61.2/2004.02.

COLLABORATION

Inter-Departmental and Inter-Faculty, University of the West Indies

- a) The UWI HIV/AIDS Response Programme (UWI HARP).

In October 2003, UWI HARP helped to organize a conference entitled, *HIV/AIDS: The Power of Education*, sponsored jointly by the UWI, the Association of Universities and Research Institutes of the Caribbean (UNICA) and the United Nations Scientific, Educational and Cultural Organization (UNESCO).

In March 2004, a team from UWI HARP visited the Dominican Republic and held discussions with representatives of the Ministry of Health, the Ministry of Higher Education and leaders of eight universities with a view to establishing collaborative links for curriculum development and research relevant to HIV/AIDS.

UWI HARP, Mona is a member of Jamaica's "Country Coordinating Mechanism" and has received part of a national grant from the Global Fund to fight AIDS, Tuberculosis and Malaria.

Under this programme, which began in June 2004, UWI HARP, Mona will work with the Joint Board of Teacher Education to prepare teaching materials and to help to prepare the staff and students of all teacher-training colleges to disseminate a curriculum that incorporates knowledge and skills pertaining to HIV/AIDS in the context of Health and Family Life Education.

In May 2004, UWI HARP held a Training of Trainers workshops for tutors and other specially invited persons from the School of Continuing Studies in Antigua. Funding for this activity was obtained via a grant from the European Union administered by CARICOM.

International

The Department continued to collaborate with several international institutions including:

- *Boston University*

We have maintained an active link with the Boston University School of Public Health and forged a new link with the Department of Family Medicine of Boston University.

- *Dalhousie University Canada*

Dalhousie University has agreed to accept fourth year residents from the Section of Psychiatry for one and two year fellowships in child psychiatry.

- *Florida International Volunteers Corp. (FAVACA) and Florida International University.*

FAVACA will be collaborating with this Department and the Department of Advanced Nursing Education to conduct joint training programmes in ageing.

- *Leeds University*

Dr. Roger Gibson, who recently completed the DM (Psychiatry) joined Leeds University to pursue an MPH in Research Methods, and was granted a placement with the Cochrane Schizophrenia Library in Leeds.

- *Pan-American Health Organization (PAHO)*

(i) The Academic Staff of the Section of Psychiatry participate in the Latin American and Caribbean Network on Mental Health Services Research convened by PAHO.

(ii) Dr Winsome Segree signed a contractual agreement on behalf of the Department to assess Pre Hospital Emergency Medical care in selected countries in the Caribbean.

GRANTS

Abel W, Hickling FW. (2003)

Review of forensic services in Jamaica 1995-2002. Funded by Ferdie's House Community Vocational Rehabilitation Centre.
J\$50,000

(2003) Suicide in Jamaica 1996-2002. Funded by Community Group Homes **J\$50,000**

(2003) Islandwide training program in contemporary mental health care for Jamaican health workers. Funded by the Inter American Development Bank. **J\$6M**

Haynes T, Hickling FW. (2002)

A ten-year outcome study of first contact schizophrenia in Jamaica.

(2004) Funded by the Principal's New Initiative Grant, UWI Mona.
J\$860,000

Lambert M, Samms-Vaughn M, Hickling FW. (2003)

Measuring the Comorbidity of Substance Abuse, Violence, Psychopathology, Help-Seeking Behavior, and Attitudes toward Substance Abuse, Violence, Mental Illness and the Afflicted:

A Project Aimed at Providing Culturally Relevant Jamaican Assessment Instruments, and Empirical Data to Inform Jamaican Health Policy and Program Decisions. Funded by a grant from Michigan State University **J\$720,000.**

Jackson M (Principal Investigator), with Aiken W, Bennett F, Coard K, Jacobs H, McFarlane-Anderson N, Paul T, Tulloch T, Walker S. (2004).

Prostate Cancer in Jamaica: The Contribution of Diet and Lifestyle factors. Funded by: Planning Institute of Jamaica **J\$3,000,000.**

Michigan State University (USA) (Student stipend) **720,000.**

University of the West Indies (Research & Publication Grant)
120,000.

Jackson M (Principal Investigator), with Coombs M, Wright B, Carney A, Lewis-Fuller E, Mita R. (2003) Parish of Manchester Health and Lifestyle Survey II. Funded by the Japan International Cooperation Agency / Southern Regional Health Authority of Jamaica **J\$1,446,000.**

McCaw-Binns A, Bailey W. (2003) HIV and the education sector. Quantitative and qualitative study of the impact of the HIV epidemic on (1) supply of educators; (2) demand for education and (3) willingness of the sector to accept HIV positive persons in the classroom. *Status:* Data collection and analysis. Funded by UNESCO. **US\$10,000.**

McCaw-Binns A. (2004) Community Care of High Risk Mothers and Infants. Quality Assurance Project, University Research Center, Washington DC: Follow on from 2002 study aimed at (1) describing current activities of primary care nursing team and (2) developing skills aimed at reducing maternal and neonatal disability and death through post partum referral and follow up by community midwives. **US\$12,000.**

(2004) Evaluation of Maternal Mortality Surveillance, Jamaica: 1998-2003. Quality Assurance Project, University Research Center, Washington DC: Review of maternal deaths, identify issues associated with reporting maternal deaths to the national level, and describe local efforts aimed at reducing maternal deaths. *Status:* Data collection. **US \$12,000.**

Morgan K, Gibson R, Chung R, Hickling FW. (2002) Evaluation of a multidisciplinary cultural therapy team approach as a risk-reduction.

(2004) intervention in violence and high-risk behaviours at an inners-city school in Kingston Jamaica. Funding: The Planning Institute of Jamaica **J\$1.8M.**

Segree W (2003) 2003 Small grants from various Private Sector Organizations to train their staff in Pre-Hospital 2004 Emergency Medical Care.

(2004) Pan American Health Organization. Contractual agreement to assess Pre-Hospital Emergency Medical care in certain countries in the Caribbean.

(2004) Grant from PAHO to host ECAT instructor training course.

(2004) IDB grant in support of training of Emergency Medical Technicians for the Jamaican Ministry of Health.

STAFF MOVEMENTS

Dr Winston de la Haye and Dr Gillian Lowe, both graduates of the UWI DM (Psychiatry) programme, joined the staff as Lecturers at the start of the academic year.

Dr Satnarine Maharaj returned to the department on July 1, 2004 after completing his period of secondment as Chief Medical Officer of Grenada.

At the end of July we said farewell to **Dr Anna Matthews** who gave valuable service as a temporary lecturer in Community Health for more than eight years. Dr Matthews will continue to be associated with the post-graduate training programme in Family Medicine.

Dr Sanjana Bhardwaj returned to India at the end of March after spending 15 months working under the aegis of the project for strengthening the institutional response to HIV/AIDS/STI in the Caribbean. In addition to conducting research, Dr Bhardwaj taught in the undergraduate medical programme, helped to supervise Master of Public Health students and did cross-faculty teaching at CARIMAC and in the Department of Sociology, Psychology and Social Work.

PRIZES AND SPECIAL AWARDS

Dr Loraine Barnaby

Fulbright Fellowship to New York University, July–December 2003

Dr Denise Eldemire-Shearer

Principal's award 2003 for outstanding contribution to public policy over many years.

Dr Winston De La Haye

Prize for best oral presentation at the First Regional Congress of Social Psychiatry in Africa organized by the World Association of Social Psychiatry in Johannesburg, South Africa, April 2004.

Professor Frederick Hickling

British Psychological Society Visiting Fellowship: Newman College, Birmingham, Department of Psychology Liverpool University, Department of Psychology University of Cardiff, March 2004.

Dr Affette McCaw Binns

Principal's Award 2003 for one of the three best publications from the Faculty of Medical Sciences.

Principal's Fellowship: Community Maternal and Dental Health. Junior Research Fellow post funded to support two research projects:

- (1) Maternal mortality evaluation (1998-2003);
- (2) Periodontal health-preterm low birth weight intervention.

Dr Maria Jackson

Principal's Award 2003 for one of the three best publications from the Faculty of Medical Sciences.

Mr Milton Pinnock

Special Award from the University Hospital of the West Indies, July 2003 – for “useful contribution and continued interest in the education of student midwives in the subject of Community Health.”

Jamaican Governor-General's Achievement Award for the parish of St Andrew, 2003.

Dr W Segree

Medical Association of Jamaica Award, June 2004 - for outstanding service in family practice and medical education.

The inter-faculty UWI HARP team including some members from this department – American Public Health Association (APHA) award for one

of the three best abstracts by a new researcher in the HIV/AIDS Section of the APHA annual conference held in San Francisco in November 2003.

OUTREACH

Hermitage/August Town Health Centre

This facility has been operating without interruption since 1959. It has grown from a service for residents the adjacent community of Hermitage to a Type III health care centre for persons from twelve locations near the Mona campus. Based on figures from the recent national census conducted by Statistical Institute of Jamaica, the combined population in the catchment area served by the centre is approximately 35,300.

The centre is a base for outreach by doctors, nurses, a social worker, medical students and community health aides. Medical students and Master of Public Health students under the direction of the social worker conduct in-depth studies of several families in the catchment area of the clinic. These families benefit from health education/ health promotion and significant medical and social interventions.

Oasis Restoration project

The Section of Psychiatry continues its mental health intervention in the inner city community of Rema, Trench Town, Kingston. The team includes **Professor Hickling**, **Dr Roger Gibson**, psychiatric resident and **Dr. Kai Morgan**, Consultant Psychologist.

PUBLIC SERVICE

Professor Brendan Bain

- Member, Board of Directors, Family Life Ministries
- Co-host of Radio Programme, Family Time on Radio Jamaica

Professor Frederick Hickling

- President, Jamaica Psychiatric Association

- Special Consultation, WHO, Geneva, Switzerland: Evaluation of World Health Organization Mental Health Policy Guidelines
- Chairman, National Council for Drug Abuse
- Chairman, Association of Mental Health Professionals for the African Diaspora

Dr Wendel Abel

- Chairman, Paraplegic Development Foundation
- Board Member, Community Group Homes, and Ferdie's House Community Vocational Rehabilitation Center, Jamaica
- Board Member, St. Joseph's Hospital, Kingston
- Board Member, Corner Community Development Programme
- Resource person, radio and television, Jamaica.

Dr Loraine Barnaby

- Clinical Representative for Faculty of Medical Sciences, West Indies Group of University Teachers
- Volunteer, working with persons with psychological/psychiatric adjustment problems at the Ozanam Home for the Elderly
- Executive member, Soroptimist Club of Jamaica (Kingston) and club representative at National Association of Soroptimists

Dr Winston De La Haye

- Chairman, Treatment and Rehabilitation Committee, National Council on Drug Abuse
- Secretary, Task Force on Crime, Violence and Forensic Mental Health
- Secretary, Jamaica Psychiatric Association

- Executive Member, Jamaica Fulbright Humphrey Association
- Director, Richmond Fellowship, Patricia House
- Board Member, Addiction Alert Organization

Dr Denise Eldemire-Shearer

- Chairman, National Council for Senior Citizens, Jamaica
- Deputy Chairman, Golden Age Home, Kingston, Jamaica
- Chairman, Board of Supervision, Ministry Local Government, Youth and Community Development, Jamaica
- Member, Management Committee, Jamaica Drugs for the Elderly Programme
- Member, Pensions Reform Committee, Jamaica
- Coordinator of Counselling Services, East Queen Street Baptist Church
- Member, Central Health Committee, Ministry of Health, Jamaica

Mrs Dorrett Falloon

- Coordinator of Counselling Services, East Queen Street Baptist Church
- Counsellor, East Queen Street Baptist Church

Mrs Desmalee Holder-Nevins

- Member of Board, St Ann's Bay High School – St Ann
- Public Relations Officer Jamaica Association of Adventist Health Professionals (Northern Chapter)
- President, Jamaica Association of Health Education & Promotion
- Youth leader, St Ann Federation of Seventh Day Adventists
- Youth Advisor, Portmore Environment & Community Health Agency in their Healthy Municipality Programme

Dr Maria Jackson

- Member of the St. Vincent De Paul Society

- Executive member of Friends of the Bellevue Hospital

Dr Janet La Grenade

- Chairman of the South East Regional Mental Health Review Board, Jamaican Ministry of Health

Dr Anna Matthews

- President, UWI Medical Alumni Association Jamaica Chapter (2004)
- Executive Member of Medical Alumni Association Jamaica Chapter
- Executive Member of the University of the West Indies Alumni Association
- Member of the Epidemiological Committee, Kingston and St Andrew
- Member of the Medical Association of Jamaica
- Member of the Caribbean College of Family Physicians
- Volunteer doctor for the Elderly, Christ Church Ministry, Kingston, Jamaica
- Member of Planning Committee of the Inaugural Caribbean Telemedicine Symposium and Exhibition

Dr Affette McCaw-Binns

- Member, Vital Statistics Commission, Jamaica
- Member, Expert Panel Maternal Outcomes. Bill & Melinda Gates Foundation: Initiative for maternal mortality programme assessment (IMMPACT), Dugald Baird Centre, University of Aberdeen, Scotland.

Dr Kai Morgan

- Member, Selection Committee, Jamaica Psychological Society
- Clinical Psychologist, Jamaica Netball Association. Official Psychologist for the Jamaica “Sunshine Girls’ Netball team

Mrs Chloe Morris

- Resource person to social and church groups in establishing active men's health groups.

Dr Tomlin Paul

- Member, National Family Planning Board (NFPB) of Jamaica.
- Chairman, Public Relations Sub-committee, National Family Planning Board, Jamaica.
- Member, McCam's Child Development Centre, Kingston, Jamaica
- Member, Hope Estate Educational Partners (HEEP)
- 3rd Regional Vice President, Caribbean College of Family Physicians (CCFP)
- Member, Scientific Advisory Committee 2nd Pan Caribbean Conference of the Caribbean College of Family Physicians
- Member of the Editorial Board of *Cajanus*.

Mr Milton Pinnock

- President, Caribbean Public Health Association
- Member, Board of Governors, Oberlin High School, St. Andrew, Jamaica
- Member, Technical Advisory Committee of the Caribbean Environmental Health Institute, St. Lucia
- Chairman, Advisory Committee on Health Sciences, University of Technology, Kingston, Jamaica
- Chairman, Beverly Hills Citizens' Association Area I
- Member, Lions Club of Mona
- Vice-Governor, Lions Clubs International, District 60B (Caribbean Area)
- Member, Jamaica/Western New York Partners

Mrs Hope Ramsay

- Member, Monitoring and Evaluation Committee for the National AIDS Programme, Jamaica
- Member, Commonwealth Human Ecology Council Member of the National Committee for Orphans and Children made Vulnerable by HIV/AIDS
- Advisor, Centre for HIV/AIDS Research Education and Services (CHARES) at the University Hospital of the West Indies
- Member, Planning Committee for the Annual Nurses and Midwives Research Conference, Department of Advanced Nursing Education, UWI, Mona

Dr Winsome Segree

- Member, Environmental Foundation of Jamaica
- Member, National Resuscitation Council of Jamaica

Dr Pauline Williams-Green

- Member of an international group on certification of physicians sponsored by PAHO and requiring communication in Spanish.
- Volunteer physician, Church clinics, Kingston and St Andrew.
- External Examiner, Bahamas Medical Council Examination, March 2004.

DEPARTMENT OF MEDICINE

**Professor Charles E. Denbow, BSc, MB BS (Hons), DM (UWI),
FRCP (Lond), FACP, FACC – Head of Department**

WORK OF THE DEPARTMENT

The period 1st August 2003 – 31st July 2004 was another very successful year for the Department of Medicine.

The new research linkages formed with the Section of Psychiatry and the previous research connections with the Tropical Metabolism Research Institute [TMRI] were significantly strengthened leading to a progressive increase in research output.

The Department provided under- graduate instruction in internal medicine to students in both the old and new curriculum, and the excellent



95% pass rate in Medicine and Therapeutics of the May/June 2002 and 2003 Final MBBS Examinations was surpassed in the Examinations of May/June 2004 which had a pass rate of 96%. [All candidates were successful in the clinical examination]. The Academic staff and undergraduates are to be highly commended once again for this outstanding performance.

Four postgraduate students successfully completed the DM Part 2 (final examinations) in internal medicine during the year – two in December 2003, and two in June 2004. Five candidates for the DM Part 1 examination were successful during the year.

The ever increasing service commitments of the Department in relation to the management of both inpatients and outpatients continued to be very well fulfilled.

STAFF

Professor Everard Barton was appointed Head of the Department for a 3 year term effective 1st August 2004. He would be replacing

Professor Charles Denbow who would be demitting office as Head after serving as Head for a period of six years.

Dr. Charlton Collie was awarded a Hubert Humphrey Fellowship for one (1) year and this would be spent in the United States. This Fellowship would begin in August 2004.

TEACHING

Prof. Denbow maintains overall responsibility for all departmental teaching programmes – both undergraduate and postgraduate.

RESEARCH IN PROGRESS

Dr. Milton Arthurs

- Bile Duct Injuries in the Laparoscopic era at the UHWI by: Plummer, J., Arthurs, M., McDonald, A. et al

Professor E. Barton

- Acute Renal Failure and Cardiac Surgery
- Vancomycin resistant enterococci in Dialysis Patients
- Prevalence of chronic renal failure in Diabetic Patients
- Autosomal Dominant Heredity Spastic Paraplegia in Jamaica
- HIV Heteroduplex mobility Analysis Subtyping
- Chronic renal failure and Cardiac Disease

Dr. Althea East-Innis

- The epidemiology, clinical presentation and outcome of fungal hair and scalp infection at the University Hospital of the West Indies

Dr. David Gilbert

- Parkinson's disease in Jamaica. Stroke – Clinical outcomes CT analysis.

Professor Michael Lee

- Antibiotic sensitivity to *Helicobacter pylori* in Jamaica
- Emerging, opportunistic parasitic infections in patients with HIV/AIDS

PAPERS PRESENTED

Dr. Milton Arthurs

- “*Helicobacter pylori* – a historical perspective of research at UHWI” presented at the Association of Consultant Physicians, Terra Nova Hotel, November 2003.

Professor Charles Denbow

- “The Central role of Calcium in Myocardial Contractility”. 19th Caribbean Cardiology Conference, St. Lucia, July 2004.

Dr. Althea East-Innis

- “The Management of common skin disorders in HIV infection” Caribbean Dermatology Association Conference, Aruba, November 2003
- “The Epidemiology of Tinea Capitis in Jamaica” Caribbean Dermatology Association Conference, Aruba, November 2003
- “Dermatologic Emergencies” Dermatology Association of Jamaica Conference, Knutsford Court Hotel, March 2004

Dr. Rosemarie Wright-Pascoe

- “New trends in the Management of Diabetes Mellitus”, Caribbean College of General Practitioners Symposium, Knutsford Court Hotel, Kingston, Jamaica (July 25, 2004).
- “Current Trends in the Management of diabetes and hypertension”. Nurse Practitioners of Jamaica Annual Conference, The Jamaica Grande, Ocho Rios, Jamaica. (July 8, 2004).
- “Diabetes Prevention: An Evidence-based Review”. Medical Association of Jamaica Symposium 2004, The Jamaica Pegasus Hotel, Jamaica (June 5, 2004)
- “New Trends in Diabetes Mellitus”. Medical Association of Jamaica, Western branch of MAJ, Wexford Hotel, Montego Bay (May 14, 2004).
- “Launch of Diabetes Education for Diabetics” In association with Aventis Knutsford Court Hotel, Kingston, Jamaica (May 27, 2004).
- “New Advances in Diabetes Management”. University Diabetes Outreach Project Annual Conference, Jamaica. (March 4, 2004).
- “Basal Insulin”. In association with Aventis, the Jamaica Pegasus Hotel, Kingston, Jamaica
- “Insulin Resistance and How to Treat It”. Workshop on Insulin Resistance by E. Denk Pharmaceuticals, Knutsford Court Hotel, Kingston, Jamaica (February 15, 2004).

- “Changing the Consequences of Diabetes Mellitus”. Jamaica Pegasus Hotel. (February 4, 2004). Chaired programme
- “Diabetes in the New Millennium: A New Therapeutic Approach”. Southern Branch of Medical Association of Jamaica, Mandeville, Manchester, Jamaica (November 24, 2003).
- “The Pharmacological Management of Type 2 Diabetes Mellitus”. Regional Health Authorities of Jamaica’s Conference for Physicians. The Jamaica Pegasus Hotel, Kingston, Jamaica (October 30, 2003).
- “Profile of an Endocrine Clinic in Jamaica”. American Association of Clinical Endocrinologists’ Annual Meeting, Boston, USA (April 28-May 2, 2004)
- “Targeting Insulin Resistance: The key to Failure of Diabetes Treatment”. Cayman Islands Medical and Dental Society Cayman Islands (November 16, 2003)

PUBLICATIONS

- * EN Barton, LA Sargeant, D. Samuels, R. Smith, J. James, R. Wilson, F. Smith, H. Falconer, C. Yeates, MF Smikle, DT Gilbert. A Survey of Chronic Renal Failure in Jamaica. *West Indian Medical Journal* 2004; 53: 81-84
- * S. Simon, S. Stephenson, K. Whyte, M. Stubbs, IE Vickers, MF. Smikle, DT Gilbert, EN Barton. Prevalence of Chronic Renal Failure in the Diabetic Population at the University Hospital of the West Indies. *West Indian Med. J.* 2004; 53: 85-88.
- * The Early Story of Coronary Artery Disease, *West Indian Medical Journal*, 2004, 53 (3), 196.
- * A History of Cardiology in Jamaica, C.E. Denbow, *West Indies. Med. J.* 53 (3): 184-187 (2004).
- * Dyspepsia. Review of Management Options. M.G. Lee. *West Indian Medical Journal.* 2004; 53: 188-190

- * Severity of systemic lupus erythematosus with diffuse Proliferative glomerulonephritis and the ineffectiveness of standard pulse intravenous cyclophosphamide therapy in Jamaican patients. W. Williams, A. Bhagwandass, L. A. Sargeant, D. Shah. *Lupus* (2003) 12. 640-645.
- * Clinical and Epidemiologic Features of SLE Nephritis in 140 patients in a Predominantly Black Population from one center in Kingston Jamaica. W. Williams, D. Shah, L.A. Sargeant. *American Journal of Medical Sciences*. June 2004. Vol. 327, pp 324-329.
- * Visual Vignette. Primary Pachydermoperiostosis or Touraine – Solente-Gole Syndrome- *Endocr. Pract.* 2003, Sept. – Oct, 9 (5): 476.
- * Wright-Pascoe, R. Islet cell transplantation: A Viable Treatment for Type 1 diabetes mellitus. *Postgraduate Doctor Caribbean*. Special Supplement. Vol. 19, No. 8, 2003.

Abstracts

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- * ERCP: a single institution experience: Plummer, A, Arthurs, AT, McDonald, DG, Mitchell. Presented at CHRC , April 2004. *WIMJ* Suppl. to CHRC (2004).
- * Reliability and validity of the final examination in Medicine and Therapeutics at the University of the West Indies. W.D. Abel, C.E. Denbow, Z. Ali, K. Dockery and F.W. Hickling. *West Indian Med. J.* 52 (suppl. 6): 40 (2003).
- * “The Central role of Calcium in Myocardial Contractility”. C.E. Denbow. Proceedings of the 19th Caribbean Cardiology Conference P.42-43 (2004).
- * MF Smikle, R Wright-Pascoe, EN Barton, G Dave, **DT Gilbert**, E Choo-Kang, O StC Morgan. Autoantibodies, Human T Lymphotropic Virus Type 1 ad Type 1 Diabetes Mellitus in Jamaicans. *West Indian Medical Journal* 2002; 51(3): 153-6

- * Barton, EN, Sargeant, LA, Samuels, D., Smith, R. James, J., Wilson, R., Smith, Falconer, H., Yeates, C., Smikle, MF, Gilbert, DT. A Survey of Chronic Renal Failure in Jamaica. *West Indian Medical Journal* 2004; 53 (2): 81-84.
- * Simon, S. Stephenson, S., Whyte, K., Stubbs, M., Vickers IE, Smikle, MF, Gilbert, DT, Barton, EN. Prevalence of Chronic Renal Failure in the Diabetic Population at the University of the West Indies. *West Indian Medical Journal* 2004; 53 (2): 85-88.
- * Antibiotic sensitivity of *Helicobacter pylori* in Jamaica. M.G. Lee, M. Arthurs, MF Smikle, G. Dowe, V. Levy and EN Barton, Annual Research Day – Poster presentation. University of the West Indies, Jamaica 2003.
- * Test and Treat for *H. pylori* in patients with Dyspepsia. M.G. Lee. Evidence based International Continuing Health Education Conference. Montego Bay, Jamaica, October 2003.
- * *H. pylori* infection, NSAID use and peptic ulcer disease. M.G. Lee. Evidence based International Continuing Health Education Conference. Montego Bay, Jamaica, October 2003.
- * Histopathological Features in the Kidneys of Adults with Hemoglobin SS Disease. *WIMJ* Supplement. Nov. 2003

PUBLIC SERVICE

Dr. Althea East-Innis

- Member, Dermatology Association of Jamaica

Dr. Rosemarie Wright-Pascoe

- Adjunct Professor, University of Miami
- Adjunct Faculty for the Williams J. Harrington Medical Training Programme for Latin America, University of Miami, School of Medicine (January 2004).

- Chairman, Board of Management, Mannings Hill All Age School
- 2nd Vice President, Association of Consultant Physicians of Jamaica
- Chairman, Education Committee, Medical Association of Jamaica

DEPARTMENT OF MICROBIOLOGY

**Professor Monica Smikle, BSc (*UWI*), MSc (*Amst*), PhD (*UWI*),
Dip. Clin. Microb. (*Lond*) – Head of Department**

WORK OF THE DEPARTMENT

During the academic year 2003/2004 the Department of Microbiology remained fully engaged with a spectrum of activities.

There was no significant increase in the overall number of clinical specimens processed by the department (67,122) compared to the previous year (70,829). However, there was a small increase (0.5%) in the number of emergency clinical specimens processed, 2702 and 2716 in 2002/2003 and 2003/2004, respectively. Consultancy for blood tests on behalf of Medical Assessments Limited was discontinued after more than 3 decades. The company expressed appreciation for the excellent services the department had provided over the years. The department documents its gratitude to Dr Shoucair and Medical Assessments Limited for their longstanding support.



The department's activities were enhanced through training opportunities. Dr Gwendolyn Dowe, senior lecturer, participated in a workshop on "Health Research Ethics in the America's", University of Miami School of Medicine, September 2003 sponsored by Fogarty International. Professor Monica Smikle received a PAHO/WHO fellowship for attending the "Refresher Course on Immunology Vaccinology and Biotechnology Applied to Infectious Diseases", San Jose, Costa Rica, November 2003. Further opportunities for training overseas were taken up by Drs Ivan Vickers and Robert Sue-Ho, senior residents and graduate students in the final year of the DM medical microbiology degree program. Dr Vickers participated in a 6-month training course held in Japan, November 2003-April 2004 on "The development of laboratory diagnosis of drug-resistant microbes." Dr Robert Sue-Ho attended

"The Infection Control Course", Colindale Public Health Laboratories, United Kingdom, March 2004.

The research efforts in the department were supported by small research grants from overseas and local agencies and from the University. The plans for the coming year include the preparation of research proposals which will attract larger research grants. Professor Smikle received an award for outstanding research in the Faculty of Medical Sciences at the University of the West Indies Annual Research Awards Ceremony January 2004. Mr Lennox Pryce participated in training workshops on "WHO Global Salmonella Surveillance" in CAREC, Trinidad, August 2003.

Avinel Pounal, laboratory technician, was promoted to senior scientific officer effective April 2003 and Dahlia Ramsay, secretary II, was promoted to secretary III. Candace Powell was appointed senior secretary effective August 2003. Keisha Francis, Pelon Gayle and Claudine Thompson were appointed senior medical technologists effective March/April 2004. Karlene Lewis was recognized for 15 years service to the University at the Annual Long Service Awards Ceremony. Three senior medical technologists including Paula Robinson (September 2003), Ilene Pearce-Dennis (September 2003), and John Johnston (April 2004) resigned. David Grant, senior laboratory attendant (April 2004) and Jacqueline Coore-Hall, senior secretary (May 2004) also resigned their positions with the University.

Throughout the year the non-implementation of the plans to refurbish the department had substantial negative impact on the staff, equipment, library, other departmental property and activities. The department continues to be plagued with alternate episodes of flooding, collapse of electrical and telephone systems. The existing physical plant has celebrated its 50th anniversary without any renovations. The physical condition of the department of microbiology has been extremely demotivating to an otherwise dedicated and supportive staff. A major goal for the department in the coming year is obtaining affirmative action in the refurbishment process.

RESEARCH IN PROGRESS

Professor M Smikle

- Antimicrobial resistance and molecular studies of enterococci.
- Risk factors and aetiology of hospital acquired infection at the UHWI.
- The HLA human immunodeficiency virus associations in Jamaicans.
- The HLA and reactive arthritis.
- HLA and other molecular investigations on insulin dependent diabetes.

Dr G Dowe

- Molecular studies on *Helicobacter pylori* infecting Jamaican patients.

- *Chlamydia trachomatis* and other microbial causes of reactive arthritis in Jamaicans.

Dr J Lindo

- Epidemiology of emerging opportunistic parasitic infections in persons living with HIV/AIDS in Jamaica.
- Epidemiology of *Angiostrongylus cantonensis* infection in Jamaicans.

Mr O Heslop

- The molecular epidemiology of the human immuno- deficiency virus – type 1 in Jamaica.

Dr G L Saunders

- Multiresistant *Escherichia coli*.
- *Escherichia coli* susceptibility to co-amoxiclav after 15 years of use.
- Ceftazidime- resistant *Salmonella enteritidis*.

Dr K Roye-Green

- Molecular typing of ceftazidime resistant *Klesbsiella pneumoniae*.

Dr S Jackson

- Viral respiratory tract infection.
- Viral central nervous system infection.
- Enteroviral infection.

Dr A Nicholson

- Epidemiology of nosocomial fungemia at the University Hospital of the West Indies.
- Mechanism of resistance in *Staphylococcus aureus*.

PAPERS PRESENTED

- “The epidemiology of bacterial infections in the neonatal unit at the University Hospital of the West Indies.” Y Bell, **M Barton**, M Thame, A Nicholson, H Trotman. Caribbean Health Research

Council 49th Annual Council and Scientific Meetings. Grenada, April 2004.

- “Urinary tract infection in Jamaican meonates with serious bacterial infections.” Y Bell , **M Barton** , A Nicholson , H Trotman. Caribbean Health Research Council 49th Annual Council Scientific Meeting. Grenada, April 2004.
- “Yields from paired blood culture bottles”. **G Saunders**, A Nicholson, K Roye-Green, P Akpaka, NC Bodonaik, S Jackson, MF Smikle. Faculty of Medical Sciences 12th Annual Research Conference, November 2003.
- “Multi-resistant *Escherichia coli*.” **G Saunders**, NC Bodonaik, S Jackson, MF Smikle. Faculty of Medical Sciences 12th Annual Conference. November 2003.
- “Declining trend of penicillin resistance in strains of *Neisseria gonorrhoeae* in recent years.” **NC Bodonaik**, RW Sue-Ho. Annual conference of infectious diseases society of America (IDSA). San Diego, California, October 2003.
- “Gonorrhoea in pediatric patients.” **NC Bodoanik**, RW Sue-Ho. 15th International Congress on Infectious Diseases (ICID). Cancun, Mexico. March 2004 .
- “Frequency of occurrence and antimicrobial resistance of community quired uropathogens encountered in Jamaica.” **NC Bodonaik**, RW Sue-Ho. 11th International Congress on Infectious Diseases (ICID). Cancun, Mexico. March 2004.
- “Dramatic increase of *Cryptococcus neoformans* meningitis at the University Hospital of the West Indies, Jamaica in recent years Comparision with the incidence in pre-AIDS era.” **NC Bodonaik**,
- S Moonah, A Nicholson, K Roye-Green, S Jackson, G Saunders, RW Sue-Ho. 11th International Congress on Infectious Diseases held in Cancun, Mexico. March 2004.
- “Penincillin resistance in strains of *Streptococcus pneumoniae* encountered in Jamaica.” NC Bodonaik, **O Heslop**, RW Sue-Ho. 49th Annual Caribbean Health Research Council (CHRC) meeting. Grenada, April 2004.
- “Comparison of duration of incubation to detect growth of true pathogens and contaminants from blood cultures.” **NC**

Bodonaik, S Moonah, RW Sue-Ho, P Akpaka. 4th International Congress on Infectious Diseases (ICID) held in Cancun, Mexico. March 2004.

- “Analysis of 370 culture proven gonococcal infections and antibiotic resistance in strains of *Neisseria gonorrhoeae* encountered in Jamaica.” **NC Bodonaik**, RW Sue-Ho, L Rainford. 11th International Congress on Infectious Diseases. Cancun, Mexico. March 2004.

PUBLICATIONS

Refereed:

- * The prevalence of positive anticardiolipin antibody in Jamaican women with spontaneous abortion and the correlation with past clinical history. G Wharf, H Fletcher, **M Smikle**, J Federick, M Reid. *J Obstet Gynaecol.* 2004; 24: 452-4.
- * “Prevalence of chronic renal failure in the diabetic population at the University Hospital of the West Indies.” S Simon, S Stephenson, K Whyte, M Stubbs, **I Vickers**, **M Smikle** D Gilbert, E Barton. *West Indian Med J.* 2004; 53: 85-8.
- * “A Survey of chronic renal failure in Jamaica” EN Barton, LA Sargeant, D Samuels, R Smith, J James, R Wilson, F Smith, H Falconer, C Yeates, **MF Smikle**, DT Gilbert. *West Indian Med J* 2004; 53: 81-4.
- * “Non-ulcerative sexually transmitted disease and human immunodeficiency virus infection in patients attending a sexually transmitted disease clinic in Jamaica.” **G Dowe**, **M Smikle**, E Williams, T Hylton-Kong, G Shorposner. *West Indian Med J.* 2004; 53:56-6.
- * “Anticardiolipin, other antiphospholipid antibody tests and diagnosis of the antiphospholipid syndrome.” **M Smikle**, G Wharfe, H Fletcher, M Reid, **K Roye-Green**, J Federick, S Pierangeli. *Hum Antibodies.* 2003;12:63-6.
- * “Failure to detect *Angiostrongylus cantonensis* in rats in Barbados.” PN Levett, KA Douglas, CA Waugh, RD Robinson, **JF Lindo**. *West Indian Med J.* 2004; 53:58.

- * “Fatal autochthonous eosinophilic meningitis in a Jamaican child caused by *Angiostrongylus cantonensis*.” **JF Lindo**, CT Escoffery, B Reid, G Codrington, C Cunningham-Myrie ML Eberhard. *Am J Trop Med Hyg*. 2004; 70:425-8.
- * “Decrease in the incidence of tetracycline resistance in strains of *Neisseria gonorrhoeae* in the nineties.” **NC Bodonaik**. *West Indian Med J*. 2003; 52:228-30.
- * “Extented spectrum beta-lactamase producing organisms at the University Hospital of the West Indies. A Nicholson, P Gayle, K Roye-Green. *West Indian Med J* 2004; 53:104-108.
- * “The emergence of *Stenotrophomonas maltophilia* as a pathogen at the University Hospital of the West Indies. AM Nicholson, D Castle, P Akpaka, I Tennant, M Nelson
- * “Disseminated histoplasmosis and AIDS at the University Hospital of the West Indies. A case report.” **A Nicholson, L Rainford**, V Elliott, CDC Christie. *West Indian Med J* 2004; 53:126-130.

CATEGORIES OF STUDENTS

Undergraduate

The MBBS part II stage I examination April/May 2004 was the last of its kind because of the change in curriculum. Of 98 candidates from the Mona Campus, 83 (85%) were successful in this examination. The Louis Grant prize was awarded to Sanya Elizabeth Gayle.

Postgraduate

Seven candidates were registered in graduate programs in Medical Microbiology. These include the doctor of medicine DM (4 candidates), PhD (2 candidates) and MPhil (1 candidate). The 3 candidates in the final DM examination May/June 2004 (Dr Ivan Vickers, Dr Robert Sue-Ho

and Dr Patrick Akpaka) were successful. In addition, 2 qualifying candidates were admitted to the MSc Medical Microbiology program. Both were successful in the departmental examination held June 2004, securing eligibility for admission to the program.

PUBLIC SERVICE

Professor Monica Smikle

- Member, Medical Laboratory Committee, Bureau of standards, Jamaica.
- Member, Standards Subcommittee on Medical Laboratory Services in the Caribbean, CAREC, Trinidad.
- Member, National Steering Committee for the Cariforum/EU Laboratory Development Project, Jamaica.

DEPARTMENT OF OBSTETRICS, GYNAECOLOGY AND CHILD HEALTH

Dr. Horace Fletcher, BSc, MBBS, DM *UWI*, MRCOG, FACOG
– Head of Department

WORK OF THE DEPARTMENT

The main focus of the department is to improve the health and welfare of families, in particular women and children in the region. This is done through clinical (service) work and academic (teaching and research). The department comprises of Obstetric and Gynaecological services (reproductive endocrinology, gynaecological oncology and perinatal

services) as well as Child Health dealing with medical problems, neonatology and psychological disorders.

We teach medical students, postgraduate students (Doctorate Medicus Obstetrics/Gynaecology and Paediatrics) as well as supervise other post Graduate students M Phil and PhD. We also assist in the teaching of Midwives and nurses.

Child health



This department is comprised of two medical wards and one neonatal intensive care unit. The main subspecialties are infectious diseases, psychological disorders, cardiology, gastroenterology neonatology, nephrology, neurology and other medical conditions managed in conjunction with other specialties. Residents and medical students are taught and refer alls are accepted from the rest of the Caribbean. The section of Child Health successfully staged the academic conference Child Neurology for Practitioners May 1-2

2004. This conference saw excellent presentations by a multidisciplinary faculty of esteemed experts from Jamaica and the United States. There were

approximately 150 registrants including paediatricians, general practitioners, nurses physiotherapists, medical and nursing students

Minority International Research Training (MIRT) Programme

National Institutes of Health

The MIRT programme, jointly coordinated by Michigan State University (MSU) and the Section of Child Health, and funded by the NIH is now in its eight year.

Obstetric Perinatal Service

The Perinatal service hosts annual conferences in February run by Drs. Matadial, Kulkarni and Mullings. This service manages high risk obstetric cases and accepts referrals from the rest of the island as well as the rest of

the British West Indies. The Unit also has facilities for teaching post graduate and medical students. Perinatal Audit for 2003, UWI, Mona, February 6-7, 2003 was attended by over 600 delegates. This was a joint effort between Obstetrics and Gynaecology and Neonatology with external review by practitioners from outside units. Special emphasis was placed on topics such as Genetic Counseling, Premature Birth and Neonatal Neurological Outcome.

Oncology Unit

This is run by three Consultants Dr Fletcher, Dr Rattray and Dr Mitchell. The Unit is also run By Sister Nash and her team of nurses as well as residents who rotate through on a monthly basis. The services offered are consultations for patients with gynaecological tumours, colposcopic diagnosis and treatment, and surgery for gynaecological tumours. The Unit also has facilities for teaching post graduate and medical students.

Sterility & Fertility

The members of the Sterility & Fertility firm and Fertility Management Unit resumed the In Vitro Fertilization and Embryo Transfer Programme for the treatment of infertile patients from Jamaica and the wider Caribbean. The programme was restructured to streamline and accommodate the treatment of infertile couples on a continuous basis. Professor Joseph Frederick as director of the

programme with Drs. Shaun Wynter and Vernon DaCosta as clinicians and Dr. Audrey Pottinger and Sister McKenzie as counselors. Two new staff members joined the programme in Miss Denise Everett, a senior embryologist (Biologist) and Miss Hillary Walters a staff Nurse as the coordinator of the programme. Since the resumption, the pregnancy rates have shown considerable improvement as we are also achieving pregnancies from the frozen embryos. A major break through is that all the documents required for the registration of the drugs used in the programme have been submitted to the Pharmaceuticals & Regulatory Affairs in the Ministry of Health.

The unit also undertakes operative and diagnostic laparoscopy, contraception and sterilisation advice and management. Counseling in family planning and family life is also offered.

STAFF

Academic Achievements

Professor Joseph Frederick has been elevated to a chair in Obstetrics and Gynaecology with the retirement of Professor Wynter who had served for thirty years. Professor Frederick also replaced him as the Director of the Fertility Management Unit

RESEARCH IN PROGRESS:

Dr. M. Antoine

- Comparison of Body Composition between Pregnancies of Teenage Girls and Mature Women and the Impact on Fetal Growth and Birth Outcome.

Dr. Kay Bailey

- Parental knowledge, attitudes and beliefs toward asthma
- Parents' knowledge, concerns and misconceptions about immunization : The Jamaican perspective
- Impact of cockroach infestation on asthma symptoms in children 2-12 years old
- An assessment the effectiveness of asthma clinics in Jamaica
- Physician knowledge and practice concerning Caribbean asthma guidelines

Dr. M. Barton

- The Clinical Epidemiology of Toxocariasis in Jamaican Children
- Pneumococcal serotypes and resistance patterns in children with Sickle Cell Disease: a comparative study between a developing country and a developed country
- Invasive Pneumococcal Disease in Canadian children with Sickle Cell Disease: pre and post-pneumococcal conjugate vaccine era

Professor Celia D.C. Christie

- “Mega-trial of Safety and Efficacy of Pentavalent (G1, G2, G3, G4, and P1) Human Reassortant Rotavirus Vaccine in Healthy Infants”
- “Pediatric and Perinatal HIV/AIDS Leadership Initiative in Kingston, Jamaica”, International Leadership Award

Dr. Vernon DaCosta

- “The effect of pelvic peritoneal stripping on fertility rates in women with Endometriosis.”
- “A randomized controlled trial comparing the use of clomiphenene citrate with menogon for controlled ovarian hyperstimulation in couples undergoing intrauterine insemination.”

Dr. Horace Fletcher

- Phytoestrogens in Jamaican foods and the impact on hormone dependent disease such as breast cancer, ovarian cancer, endometrial cancer, prostate cancer, cardiovascular disease and osteoporosis.
- Cardiovascular disease and osteoporosis after hysterectomy
- Trace elements in placenta
- Mercury in Jamaican fish
- Twins and uterine fibroids

Professor Joseph Frederick

- Double blind randomized trial on the Use of Interceed on oviducts and incisions versus incision to increase pregnancy rates post myomectomy.
- Operative morbidity of patients undergoing myomectomy compared to abdominal hysterectomy
- The incidence of autoimmune antibodies in patients with recurrent abortions.
- Ovarian hyperstimulation syndrome in patients in patients undergoing controlled ovarian stimulation.
- Male infertility, incidence and aetiological factors and treatment options

Dr Santosh Kulkarni

- Evaluation of risk factors in renal disease in pregnancy
- Uptake of “Triple screen” for Down’s Syndrome by O/G practitioners in Kingston and St. Andrew
- AZT for reduction of mother-infant transmission of HIV in pregnancy, funding by EGF
- Perinatal Information System pilot project supported by PAHO

Dr. Anthony Mullings

- The effect of Iron (Fe) on abnormal menstrual bleeding (menorrhagia): (with Prof. HL Reid)
- The effect of Iron on haemoglobin during pregnancy per trimester in relation to foetal outcome. (with Prof. HL Reid)
- Obstetric team leader - HIV/AIDS Prevention of mother to child transmission in pregnant women (with Prof. C. Christie as the principal investigator).

Dr. Russell Pierre

- OSCE development in Child Health - evaluation of OSCE in the end-of-senior clerkship assessment 2002-2002.
- The frequency of CDC-defined clinical conditions among children with HIV/AIDS

Dr. A. Pottinger

- Peer and educator victimization of children and adolescents
- Relationship between violent death of a loved one and psychological well being in adolescent boys
- Parental attitude toward violence and its influence on children’s interpretation of and response to community violence
- Gender differences in coping responses and beliefs about infertility between Jamaican men and women undergoing In Vitro Fertilisation

Dr. Carole Rattray

- Treatment of Hyperemesis Gravidarum with Steroids.
- Sub-fascial haematomas following Pfannenstiel incision is a sub-fascial drain justified.
- Normal Semen analysis in Jamaica.
- Audit of Radical Hysterectomies done at the University of the West Indies.

Dr. M. Samms-Vaughan

- Health developmental and behavioural outcomes for Jamaican adolescents at 15-16 years old.
- Community, domestic and school violence in Jamaican children. Exposure and Effects.
- Autism in Jamaica, prevalence and presenting features.
- Child abuse in Jamaica: prevalence, presenting features and quality of care
- Psychosocial and academic correlates of stress in Jamaican adolescents: a biochemical study
- Parental stress in Jamaica
- Self esteem, school performance and behaviour in Jamaican adolescents
- The influence of parental presence on child behaviour and development

Dr Kirk Thame

- Multicenter Trial: Safety and Efficacy of Pentavalent Human-Bovine Reassortant Rotavirus Vaccine in Healthy Infants

Dr Minerva Thame

- Pregnancy Outcome and Maternal Weight Gain in Women with Homozygous SS Disease and Birth Outcome
- A Comparison of Body Composition between Pregnancies of Teenage Girls and Mature Women and the Impact on Fetal Growth and Birth Outcome.
- A comparison of anthropometry of mothers and infants within the puerperium with respect to maternal age.

Dr Helen Trotman-Edwards

- Pregnancy Outcome and Maternal Weight Gain in Women with Homozygous SS Disease and Birth Outcome
- A Comparison of Body Composition between Pregnancies of Teenage Girls and Mature Women and the Impact on Fetal Growth and Birth Outcome.

PAPERS PRESENTED

Dr. Michelle Barton

- **Trotman H, Barton-Forbes M**, Mitchell V. “Outcome of neonates admitted to the Intensive Care Unit at the University Hospital of the West Indies: a 15-year review.” UWI Medical Alumni eight international Medical Conference, Bahamas. November 2003
- Stoutt C, Allen C, Lord C, **Barton M**, Brightly K, Scott P, **Christie C**, Figueroa P. “Knowledge, Attitudes and Practices of Medical Students and Doctors at University Hospital of the West Indies with regards to Diagnosis and Management of Tuberculosis.” UWIMAA conference. Nassau, The Bahamas. November 2003
- Abel WD, **Barton M, Pierre R**, Hickling FW. “Interviewing Styles of Students in the Final Psychiatry Objective Structured Clinical Examination (OSCE).” FMS Research Conference. November 2003
- Fletcher C, Barrett A, Halsall R, Harris R, Wallace T, **Barton M**. “Parents’ Knowledge, Concerns and Misconceptions about Immunisation.” FMS Research Conference. November 2003
- **Pierre RB**, Wierenga A, **Barton M, Thame K**, Branday JM, **Christie CDC**. “Student Self Assessment in a Paediatric Objective Structured Clinical Examination.” Caribbean Health Research Conference, Grenada, April 2004
- **Rose G, Bailey K**, Brightly K, **Barton M**. “Does asthma clinic attendance improve quality of life in Jamaican Children diagnosed with asthma?” Caribbean Health Research Conference, Grenada, April 2004

- Fletcher C, Barrett A, Halsall R, Harris R, Wallace T, **Barton M**. “Vaccines and Vaccine-preventable Diseases.” Caribbean Health Research Conference, Grenada, April 2004
- Fletcher C, Barrett A, Halsall R, Harris R, Wallace T, **Barton M**. “Vaccines and Vaccine-preventable Diseases.” International conference on Vaccines for Enteric Diseases. April 2004. Montego Bay, Jamaica.
- **Bell Y, Barton M, Thame MM**, Nicholson A, **Trotman H**. “The Epidemiology of bacterial infections in the neonatal unit at the University Hospital of the West Indies.” Caribbean Health Research Conference, St. George’s Grenada. April 2004.
- **Bell Y, Barton M, Thame MM**, Nicholson A, **Trotman H**. “Urinary tract infection in Jamaican neonates with serious bacterial infections.” Caribbean Health Research Conference, St. George’s Grenada. April 2004.

Prof. Celia D.C. Christie

- “A Pediatric and Perinatal HIV/AIDS Leadership Initiative in Kingston, Jamaica”; University of the West Indies Medical Alumni Association, 7th International Conference, Nov 6-8, 2003, Nassau, platform presentation.
- **R Pierre**, T. Evans-Gilbert, B. Rodrigues, **P. Palmer**, **S. Whorms**, I. Hambleton, P. Figueroa, **CDC Christie**. “CDC-defined Diseases and Opportunistic Infections among Jamaican Children with HIV/AIDS”; University of the West Indies Medical Alumni Association, 7th International Conference, Nov 6-8, 2003, Nassau, Bahamas, platform presentation,.
- **Geoghagen M**, Farr J, **Pierre R**, Hambleton I, **Christie CDC**. “TB and HIV Co-infections in Jamaican Infants and Children”; University of the West Indies Medical Alumni Association, 7th International Conference, November 6-8, 2003, Nassau, Bahamas, platform presentation,
- **Geoghagen M, Pierre R**, Evans-Gilbert T, Rodriguez B, **Christie CDC**. “Tuberculosis, Chicken Pox and Scabies Outbreaks in a Home for Children with HIV/AIDS”. University of the West Indies Medical Alumni Association, 7th International Conference, November 6-8, 2003, Nassau, Bahamas, platform presentation,

- **J. Steel-Duncan, R. Pierre**, T. Evans-Gilbert, B. Rodriguez, **P. Palmer, S. Whorms**, M. Smikle, JP. Figueroa, **CD Christie**. “Outcomes of infants born to women with HIV infection in Greater Kingston, 2002 – 2003.” Annual Research Day, Faculty of Medical Sciences, Nov, 2003.
- **N. Johnson, A. Mullings**, K Harvey, G Alexander, D. McDonald, E. Williams, **P. Palmer, S. Whorms**, JP Figueroa, **CD. Christie**. “HIV positivity, uptake of interventions to reduce mother to child transmission and birth outcomes in Kingston.” Annual Research Day, Faculty of Medical Sciences, Nov, 2003.
- E. Walker, B. Mayes, H. Ramsay, H. Hewitt, **CDC. Christie**, B. Bain. “A Cross-sectional retrospective analysis of socio-demographic factors and clinical outcomes in HIV-infected adolescents attending the Center for HIV/AIDS Research Education and Services in Kingston, Jamaica.” Annual Research Day, Faculty of Medical Sciences, Nov, 2003, platform presentation.
- **Christie CD**. “A Pediatric and Perinatal HIV/AIDS Leadership Initiative in Kingston, Jamaica – One-year Outcomes of Interventions”, ANNUAL THINK TANK,

Elizabeth Glaser Pediatric AIDS Foundation, Tuscon, Arizona, November, 2003.
- **Christie CD**, Duncan N, **Thame K**, Heaton P, Onorato MT, Dallas M, **Smith H, Malcolm L**, Miller JM. “Rotavirus Efficacy and Safety Trial (REST) in Jamaica: Evaluation of an Investigational Rotavirus Vaccine.” Vaccines for Enteric Diseases, 3rd International Conference, Jamaica, June 2004, abstr 146.
- **Pierre R**, Wierenga A., **Barton M., Thame K.** Branday M., **Christie CD**. “Student self-assessment in a pediatric Objective Structured Clinical Examination.” CHRC.
- **Christie CD**. “Pediatric and Perinatal HIV/AIDS Leadership Initiative in Kingston, Jamaica.” 15th International HIV/AIDS Conference, Bangkok, Thailand, July 2004, Poster, Socioeconomic and Resource implications; International AIDS Society.

- **N. Johnson, A. Mullings**, K Harvey, G. Alexander, DF McDonald, M. Smikle, E. Williams, **P. Palmer, S. Whorms.**, P. Figueroa, **CDC Christie**. “HIV Seroprevalence, Uptake of Interventions to Reduce Mother To Child Transmission and Birth Outcomes in Greater Kingston.” 15th International HIV/AIDS Conference, Bangkok, Thailand, July 2004, International AIDS Society, Abstract B11456.
- **J Steel-Duncan, R. Pierre**, T. Evans-Gilbert, B. Rodriguez, M. Smikle, **P. Palmer, S. Whorms**, I. Hambleton, P. Figueroa, **CDC Christie**. Uptake of interventions, outcomes and challenges in Caring For HIV-exposed infants in a resource poor setting. 15th International HIV/AIDS Conference, Bangkok, Thailand, July 2004, International AIDS Society, Abstract B10584.
- **R. Pierre, J. Steel-Duncan**, T. Evans-Gilbert, B. Rodriguez, **P. Palmer**, M. Smikle, **S. Whorms**, I. Hambleton, P. Figueroa, **CDC Christie**. “Defined Diseases and opportunistic infections among Jamaican Children with HIV/AIDS.” 15th International HIV/AIDS Conference, Bangkok, Thailand, July 2004; Poster presentation, The big picture – numbers and environments; International AIDS Society, Abstract MoPeC3373.
- **T. Evans-Gilbert, R. Pierre, J. Steele-Duncan**, B. Rodriguez, **S. Whorms**, JP Figueroa, **CDC Christie**. “Anti-retroviral Therapy in HIV-Infected Jamaican Children.” 15th International HIV/AIDS Conference, Bangkok, Thailand, July 2004; International AIDS Society, Abstract B11059.
- **P. Palmer, J. Moore**, C. McDonald-Kerr, C. Billings, M. Anderson-Allen, **CDC. Christie**. “Nursing Intervention in the Kingston Pediatric and Perinatal HIV Program.” 15th International HIV/AIDS Conference, Bangkok, Thailand, July 2004, Saving the newborns and looking beyond for all; International AIDS Society, Poster presentation, abstract ThPeB7025.
- **M. Geoghagen**, J. Farr, **R. Pierre**, I. Hambleton, **CDC Christie**. “TB and HIV Co-infections in Jamaican Infants and Children.” 15th International HIV/AIDS Conference, Bangkok, Thailand, July 2004, International AIDS Society, Abstract B11520.
- T. Evans-Gilbert, **R. Pierre, J. Steele-Duncan**, B. Rodriguez, **S. Whorms**, JP Figueroa, **CDC Christie**. “Scaling-up antiretroviral

therapy in Jamaica.” Poster presentation, Emerging Infectious Diseases Conference, Toulon, France; July, 2004, abstract p 4.4.

Dr. Vernon DaCosta

- “Management of postmenopausal bleeding,” The Junior Fellows of the American College of Obstetricians and Gynaecologists symposium, Kingston, Jamaica, July 2003.
- **“ART and Preterm Birth”**, Perinatal Conference 2004, UWI Mona Kingston, Jamaica, February 2004.
- **“Contraception for Adolescents”**, Pharmaceutical society of Jamaica continuing education seminar, Jamaica Conference Center, 12th October 2003,

Dr. Horace Fletcher

- Bazuaye P, Jackson M, Smikle M **Fletcher H, Rattray C**, McFarlane N “Hormonal contraception and cervical dysplasia in Jamaican women.” CHRC Bahamas 2003
- Levy N, Wierenga A, **Fletcher H**, McFarlane-Anderson N. “Blood pressure, nitric oxide levels and the glu298asp variant of endothelial nitric oxide synthase and pre-eclampsia in Jamaican women”, CHRC Bahamas 2003
- **Fletcher H** and Reid M “Risk factors for unplanned pregnancies in Jamaican University students” CHRC Bahamas 2003
- **Johnson N, Fletcher H** and Reid M. “Effect of preoperative depo medroxyprogesterone acetate on uterine myomata associated menorrhagia in women admitted for surgery (hysterectomy/myomectomy)”, Faculty Medical sciences annual Scientific Research meeting 2003
- **Johnson N, Fletcher H** and Reid M. “Effect of labour induction with misoprostol in pregnancy outcome in gravidas with pre-eclampsia”. Faculty Medical Sciences annual Scientific Research meeting 2003
- **Fletcher H.** “The impact of deportees on the epidemic of violent crime in Jamaica and the region”, Faculty Medical Sciences annual Scientific Research meeting 2003

- **Potter T, Fletcher H** and Reid M. “Vasopressin versus normal saline as haemostatic aids to dissection at vaginal hysterectomy”. Faculty Medical sciences annual Scientific Research meeting 2003
- **Fletcher H**, Hanchard B, Wharfe G, Blake G, Wolff C, Reynolds A, Waugh N and Reid M. “Multiple primary malignancies in Jamaica an epidemiological review”, CHRC Grenada 2004
- **Johnson N** and **Fletcher H**. “Effect of labor induction with Misoprostol on pregnancy outcome in Gravidas with preeclampsia.” ACOG district IV Meeting San Juan Puerto Rico October 2003.
- **Fletcher H**. “Current management of uterine fibroids.” ACOG district IV West Indies section annual conference, Knutsford Court Hotel Kingston, Jamaica 2004

Professor Joseph Frederick

- “Assisted Reproduction in Jamaica/The expectant mother.” Commonwealth Association of pharmaceutical society. Jamaica Grande Hotel, August 17th, 2003.

Dr Santosh Kulkarni

- “Comparison of Glucose, Lucozade™ and Choice™ in diabetic screening in pregnancy,” CHRC, Grenada 2004.
- “Thyroid disorders and postpartum depression,” CHRC, Grenada 2004

Dr. Sharmaine Mitchell

- “Epidemiology, screening and diagnosis of uterine cancer”, Grabham Society Clinical Symposium, LOJ Centre, Kingston, Jamaica, 2003.

Dr. Anthony Mullings

- “Clinician-Patient communication: Why a Caribbean perspective matters to South Florida,” (with Dr. D. Aarons.) (Sponsored by UM Bioethics program) Ethics Rounds, University of Miami, Florida, October 2003

- “CPC - A Case for Discussion,” October 2003

Dr Audrey Pottinger

- “The ADHD child and the family”. Conference on Attention – Deficit Hyperactivity Disorder, McCam Child Development Centre and Ministry of Education (Special Unit), Mona Visitors Lodge, May 28 and 29 2004.
- “Children’s issues of loss due to migration”. International Association for Counselling Conference 2004, Runaway Bay Heart Hotel, Ja, April 24-27, 2004.
- “Psychological evaluation”(of the newborn and beyond). 3rd Annual Perinatal Symposium, Department of Obstetrics, Gynaecology & Child Health, Main Lecture Theatre, Faculty of Medical Sciences, Feb 6 & 7, 2004.
- “Counselling for doctors who counsel”. Jamaica Orthopaedic Association, Symposium 2004, Kingston Hilton, Jan 17-18, 2004
- Hyatt C & James C. “Effects of violence on children living in inner city communities in Jamaica”. Fifth International Workshop of Latin America and Caribbean Psychology, Santiago de Cuba, Nov 10-14, 2003

- “Audience perception of coverage of news by the media”. Media Conference, Mona School of Business, UWI, October 25 2003

Dr Maureen Samms-Vaughan

- “Behavioural problems in Children with Neurological Disorders.” Child Health and Development Conference, Faculty of Medical Sciences, UWI, May 1-2 2004.
- “Attention Disorders in Children.” Jamaica Reading Association Conference. MICO College. April, 30, 2004.
- “The Significance of the Early years.” JTA Conference on Early Childhood Education. Renaissance Jamaica Grande Hotel, April 13-15 2004.
- “The Early Childhood Bill and Independent Schools.” Independent Schools Association Conference, Renaissance Jamaica Grande Hotel. March30-April 1, 2004.

- “The Effects of Violence on Children.” Jamaica Association of Social Workers Conference. Faculty of Social Sciences. March 2004.
- “Neuro-behavioural outcome of the Preterm Infant.” Perinatal Conference 2004. Faculty of Medical Sciences, February 6-7, 2004.

Dr. Minerva Thame

- “Age at adiposity rebound is a predictor of blood pressure and body composition in Jamaican children.” (Poster) 2003 Second World Congress on Fetal Origins of Adult Disease Brighton England
- “The role of maternal size and adiposity in programming HPA activity.” (Poster) Second World Congress on Fetal offspring blood pressure and Origins of Adult Disease 2003 Brighton England
- “Group B Streptococcus” – An unusual presentation Clinico Pathological Conference 2003
- “Health and Safety”. Early Childhood Education Conference. Jamaica Teacher’s Association April 2004
- “Performance in Homozygous Sickle Cell”. Caribbean Health Research Council Disease at the University Hospital of the West Indies. Guyana. 49th Annual Council and Scientific Meeting April 2004.

Dr H Trotman

- **Trotman H**, Lewis J. “Cardiac fibroma in a newborn infant.” Clinicopathological Conference October 2003.
- **Trotman H**, Barton-Forbes M, Mitchell V. “Outcome of neonates admitted to the Intensive Care Unit at the University Hospital of the West Indies: a 15-year review.” UWI Medical Alumni eight international Medical Conference, Bahamas. November 2003
- Bell Y, Barton M, Thame MM, Nicholson A, **Trotman H**. “The Epidemiology of bacterial infections in the neonatal unit at the University Hospital of the West Indies.” Caribbean Health Research Conference, St. George’s Grenada. April 2004.

- Bell Y, Barton M, Thame MM, Nicholson A, **Trotman H**. “Urinary tract infection in Jamaican neonates with serious bacterial infections.” Caribbean Health Research Conference, St. George’s Grenada. April 2004.
- Thame MM, Lewis J, **Trotman H**, Serjeant. “Pregnancy performance in homozygous sickle cell disease at the University Hospital of the West Indies, Jamaica.” Caribbean Health Research Conference, St. George’s Grenada. April 2004.
- **Trotman H**. “Outcome of neonates ventilated in the NICU and the impact on the outcome of VLBW infants.” Department of Obstetrics, Gynaecology and Child Health, Perinatal Conference February 2004.

Dr Shaun Wynter

- The Mirena (LNG-20) IUCD in Abnormal Uterine Bleeding. Cayman Islands Health Authority, Cayman Islands Hospital Endoscopic Surgery Conference. Marriott Hotel, Seven Mile Beach, Georgetown, GC, BWI, 16 Jan. 2004.

PUBLICATIONS:

Refereed:

- * **Barton M**, Thame M, Melbourne R, Gabay L, Gray R. Recent resurgence of Tuberculosis in paediatric admissions at the University Hospital of the West Indies. *West Indian. Med J*. 2003; 52: 244-248
- * Boyne M, **Thame M**, F. I. Bennett, C Osmond, J. P. Miell, TE. Forrester. relationship between circulating insulin-like growth factor-I (IGF-I), IGF-I binding proteins-1 and 2 and birth anthropometry: a prospective study. *J Clin Endocrinol Metab* 2003; 88:1687-1691
- * **Thame M**, Osmond C, **Fletcher H**, Forrester T. Ultrasound derived fetal growth curves for a Jamaican population. *West Indian. Med J*. 2003;52(2):99-110.
- * **Barton M**, **Thame M**, **Melbourne Chambers R**, **Gabay L**, **Gray R**. Recent Upsurge of Paediatric Tuberculosis at the

University Hospital of the West Indies. *West Indian Med J* 2003;52(3):244-248.

- * Gardner JM, Powell CA, Thomas JA, **Millard D**. Perceptions and experiences of violence among secondary school students in urban Jamaica. *Pan American Journal of Public Health* 2003;14:97-103.
- * Wierenga, AR, Branday JM, Simeon DT, **Pottinger A**, Brathwaite B. Motivation for and concerns about entering a medical programme". *West Indian. Med J*. 2003;53:304-310
- * Walker S, Ewan-Whyte C, Chang S, Powell C, **Fletcher H**, McDonald D and Grantham-McGregor S. Factors associated with size and proportionality at birth in term Jamaican infants. *J Health Popul Nutr* 2003 21(2):117-26.
- * Smikle M, Wharfe G, **Fletcher H**, Reid M, **Frederick J** and Pierangeli S. Anticardiolipin and other antiphospholipid antibody tests and diagnosis of antiphospholipid syndrome. *Human antibodies* 2003 12:63-6
- * Lambert M C, Schmitt N, **Samms-Vaughan M E**, An JS, Fairclough M, Nutter CA. Is it prudent to administer all items for each Child Behaviour Checklist Cross Informant Syndrome? Evaluation of the psychometric properties of the Youth Self Report dimensions via confirmatory factor analysis and item response theory. *Psychological Assessment* 2003; 15(4): 530-568.
- * **SH Wynter, C Rattray, J Frederick, C Thesiger, HH Wynter, J Lindo, A McGilchrist, SD King**. Who is at High Risk? A Comparison of the seroprevalence of Human Immunodeficiency Virus in Pregnant Women and a High Risk Group. *West Indian Med J*. 2003; 52: 293 – 295,.
- * McGregor D, **Barton M**, Thomas S, **Christie C**. Invasive Pneumococcal Disease in Jamaican Children. *Annals of Tropical Paediatrics* 2004; 24: 33-40
- * Nicholson AM, Rainford L, Elliott V, **Christie CDC**. Disseminated histoplasmosis and AIDS at the University Hospital of the West Indies. *West Indian Med J* 2004; 53 (2):126-130.

- * **Phillip H, Fletcher H** and Reid M. The impact of induced labour on postpartum blood loss. *J Obstet and Gynaecol* 2004;24:12-15
- * Bazuaye P, **Fletcher H** and McFarlane-Anderson N. Lifestyle and cervical dysplasia in Jamaica. *Int J Obstet Gynecol.* 2004;84:175-7.
- * Sorhaindo A, Becker D, **Fletcher H**, Garcia S and **Mitchell S**. Exploring Knowledge and attitudes about emergency contraceptive pills among University students in Jamaica. A qualitative approach *West Ind Med J* 2004;53:33-38
- * **Johnson N, Fletcher H** and Reid M. Depo medroxy-progesterone acetate (DMPA) therapy for uterine myomata prior to surgery. *Int J Obstet Gynecol*, 2004;85:174-176
- * Wharfe G, **Fletcher H**, Smikle M, **Frederick J** and Reid M. The prevalence of positive anticardiolipin antibody in Jamaican women with spontaneous abortion and the correlation with the past clinical history. *J Obstet and Gynaecol* 2004;24:454-456
- * Char G, Ramjit C. **Fletcher H** and **Harvey W**. Granulosa Cell Tumour with bilateral mature Cystic teratomas. *West Indian. Med J* 2004;53:135-7
- * Potter T, **Fletcher H**, and Reid M. Vasopressin as a haemostatic and dissecting aid at vaginal hysterectomy *Int J Obstet Gynecol* 2004; 86: 65-66
- * Serjeant G, Look-Loy L, Crowtler M, Hambelton I, **Thame M**. The outcome of pregnancy in homozygous sickle cell disease: Observations from the Jamaican Cohort. *Obstet Gynecol* 2004;103(6):1278
- * Pepple DJ, **Mullings AM**, Reid HL. Increased incidence of adverse perinatal outcome with low maternal blood viscosity in preeclampsia. *Clinical Hemorheology and Microcirculation* 2004; 30:127-31
- * **J Frederick , V DaCosta, S Wynter**, M Reid, C Frederick, **C McKenzie** Effect of the oral contraceptive pill on patients undergoing controlled ovarian hyperstimulation. *West Indian Med J* 2004;53 1:39 – 43,

- * **Thame M**, Osmond C, R Wilks, F Bennett, Forrester T. Fetal Growth is directly related to maternal anthropometry and placental volume. *Eur J Clin Nutr*. 2004; 58(6): 894-900

Abstracts

- * **Christie CD**, Duncan N, **Thame K**, Heaton P, Onorato MT, Dallas M, **Smith H**, **Malcolm L**, Miller JM. Rotavirus Efficacy and Safety Trial (REST) in Jamaica: Evaluation of an Investigational Rotavirus Vaccine. Vaccines for Enteric Diseases, 3rd International Conference, Jamaica, June 2004, abstr 146.
- * **Christie CD**. Pediatric and Perinatal HIV/AIDS Leadership Initiative in Kingston, Jamaica. 15th International HIV/AIDS Conference, Bangkok, Thailand, July 2004, Poster, Socioeconomic and Resource implications; International AIDS Society, Abstract TUPeE5369.
- * **N. Johnson, A. Mullings**, K Harvey, G. Alexander, DF McDonald, M. Smikle, E. Williams, **P. Palmer, S. Whorms**., P. Figueroa, **CDC Christie**. HIV Seroprevalence, Uptake of Interventions to Reduce Mother To Child Transmission and Birth Outcomes in Greater Kingston. 15th International HIV/AIDS Conference, Bangkok, Thailand, July 2004, International AIDS Society, Abstract B11456.
- * **J Steel-Duncan, R. Pierre**, T. Evans-Gilbert, B. Rodriguez, M. Smikle, **P. Palmer, S. Whorms**, I. Hambleton, P. Figueroa, **CDC Christie**. Uptake of interventions, outcomes and challenges in Caring For HIV-exposed infants in a resource poor setting. 15th International HIV/AIDS Conference, Bangkok, Thailand, July 2004, International AIDS Society, Abstract B10584.
- * **R. Pierre, J. Steel-Duncan**, T. Evans-Gilbert, B. Rodriguez, **P. Palmer**, M. Smikle, **S. Whorms**, I. Hambleton, P. Figueroa, **CDC Christie**. CDC Defined Diseases and opportunistic infections among Jamaican Children with HIV/AIDS. 15th International HIV/AIDS Conference, Bangkok, Thailand, July 2004; Poster presentation, The big picture - numbers and

environments; International AIDS Society, Abstract MoPeC3373.

- * **T. Evans-Gilbert, R. Pierre, J. Steele-Duncan, B. Rodriguez, S. Whorms, JP Figueroa, CDC Christie.** Anti-retroviral Therapy in HIV-Infected Jamaican Children. 15th International HIV/AIDS Conference, Bangkok, Thailand, July 2004; International AIDS Society, Abstract B11059.
- * **P. Palmer, J. Moore, C. McDonald-Kerr, C. Billings, M. Anderson-Allen, CDC. Christie.** Nursing Intervention in the Kingston Pediatric and Perinatal HIV Program. 15th International HIV/AIDS Conference, Bangkok, Thailand, July 2004, Saving the newborns and looking beyond for all; International AIDS Society, Poster presentation, abstract ThPeB7025.
- * **M. Geoghagen, J. Farr, R. Pierre, I. Hambleton, CDC Christie.** TB and HIV Co-infections in Jamaican Infants and Children. 15th International HIV/AIDS Conference, Bangkok, Thailand, July 2004, International AIDS Society, Abstract B11520.
- * **T. Evans-Gilbert, R. Pierre, J. Steele-Duncan, B. Rodriguez, S. Whorms, JP Figueroa, CDC Christie.** Scaling-up antiretroviral therapy in Jamaica. Poster presentation, Emerging Infectious Diseases Conference, Toulon, France; July, 2004, abstract p 4.4.

Non-refereed:

- * **Pierre R,** Bailey A Bain P, Levy B, Ramsay H My child - Caring for children with HIV”. A parent handbook on Child Health. Centre for HIV/AIDS Research, Education and Services, UNICEF 2003.
- * **Kulkarni S. Matadial, Mullings A, Samms-Vaughan M,** Tapper J. CD-ROM Perinatal Audit 2003 & “Problems of being born too soon”.
- * **Samms-Vaughan, M.** An analysis of children outside of the traditional school environment. Report submitted to the Inter-American Development Bank. March 2004.

- * Belfer M, Mercer R, Perrin J. **Samms-Vaughan ME** (contributor). Fostering Child Well-Being. Integrating Mental Health and Health with a Children's Rights Perspective. *ReVista: Harvard Review of Latin America*. Winter 2004 19:604.

Abstracts:

- * **Christie CDC**. "A Pediatric and Perinatal HIV/AIDS Leadership Initiative in Kingston, Jamaica"; *West Indian Med J* 52:(Suppl. 5);abstr 5-7; 2003.
- * **R Pierre**, T. Evans-Gilbert, B. Rodrigues, **P. Palmer**, **S. Whorms**, I. Hambleton, P. Figueroa, **CDC Christie**. "CDC-defined Diseases and Opportunistic Infections among Jamaican Children with HIV/AIDS"; *West Indian Med J* 52: (Suppl. 5); abstr 1-7; 2003.
- * **Geoghagen M**, Farr J, **Pierre R**, Hambleton I, **Christie CDC**. "TB and HIV Co-infections in Jamaican Infants and Children"; *West Indian Med J* 2003; 52: (Suppl. 5); abstr 5-4
- * **Geoghagen M**, **Pierre R**, Evans-Gilbert T, Rodriguez B, **Christie CDC**. "Tuberculosis, Chicken Pox and Scabies Outbreaks in a Home for Children with HIV/AIDS". *West Ind Med J*; 2003. 52: (Suppl. 5); abstr 2-5
- * **J. Steel-Duncan**, **R. Pierre**, T. Evans-Gilbert, B. Rodriguez, **P. Palmer**, **S. Whorms**, M. Smikle, JP. Figueroa, **CD Christie**. Outcomes of infants born to women with HIV infection in Greater Kingston, 2002 – 2003. *West Indian Med J* 2003; 52: (Suppl. 6); abstr P-5;
- * **N. Johnson**, **A. Mullings**, K Harvey, G Alexander, D. McDonald, E. Williams, **P. Palmer**, **S. Whorms**, JP Figueroa, **CD. Christie**. HIV positivity, uptake of interventions to reduce mother to child transmission and birth outcomes in Kingston. *West Indian Med J*; 2003. 52:(Suppl. 6);abstr P-6
- * E. Walker, B. Mayes, H. Ramsay, H. Hewitt, **CDC. Christie**, B. Bain. A Cross-sectional retrospective analysis of socio-demographic factors and clinical outcomes in HIV-infected adolescents attending the Center for HIV/AIDS Research Education and Services in Kingston, Jamaica. *West Indian Med J*; 2003. 52: (Suppl. 6); abstr O-25

- * **Trotman H, Barton-Forbes M,** Mitchell V. Outcome of neonates admitted to the Intensive Care Unit at the University Hospital of the West Indies: a 15-year review. *West Indian Med J* 2003; 52 (suppl 5): 11.
- * **Johnson N, Fletcher H** and Reid M. Effect of labour induction with misoprostol in pregnancy outcome in gravidas with pre-eclampsia *West Ind Med J* (Supp 6) 2003;22:52
- * **Potter T, Fletcher H** and Reid M Vasopressin versus normal saline as haemostatic aids to dissection at vaginal hysterectomy. *West Ind Med J* (Supp 6) 2003 22:52
- * Johnson N, **Fletcher H** and Reid M. Effect of preoperative depo medroxyprogesterone acetate on uterine myomata associated menorrhagia in women admitted for surgery (hysterectomy/myomectomy) *West Ind Med J* (Supp 6) 2003 36:52
- * **Fletcher H.** The impact of deportees on the epidemic of violent crime in Jamaica and the region *West Ind Med J* (Supp 6) 2003 40:52
- * WD Abel, **R Pierre, M Barton,** FW Hickling. "Interviewing skills of students in the final psychiatry Objective Structured Clinical Examination (OSCE)". *West Indian Med J* 2003; 52(Suppl.6): 39.
- * A Morris, WD Abel, **R Pierre,** FW Hickling. "Students' performance in the final Objective Structured Clinical Examination (OSCE)". *West Indian Med J* 2003; 52(Suppl.6): 40.
- * **Pierre R,** Wierenga A., **Barton M., Thame K,** Branday M., **Christie CD.** Student self-assessment in a pediatric Objective Structured Clinical Examination. CHRC, *West Indian Med J* Vol 53;P-59; 2004.
- * Bell Y, **Barton M, Thame MM,** Nicholson A, **Trotman H.** The Epidemiology of bacterial infections in the neonatal unit at the University Hospital of the West Indies. *West Indian Med J* 2004; 53 (suppl.2):33
- * Bell Y, **Barton M, Thame MM,** Nicholson A, **Trotman H.** Urinary tract infection in Jamaican neonates with serious bacterial infections. *West Indian Med J* 2004; 53 (suppl.2):34

- * Thame MM, Lewis J, **Trotman H**, Serjeant. Pregnancy performance in homozygous sickle cell disease at the University Hospital of the West Indies, Jamaica. *West Indian Med J* 2004; 53 (suppl.2):40
- * **Fletcher H**, Hanchard B, Wharfe G, Blake G, Wolff C, Reynolds A, Waugh N, Reid M. Multiple primary malignancies in Jamaica: An epidemiological review *West Ind Med J* (Supp 1) 2004 53
- * **R Pierre**, A Wierenga, **M Barton**, **K Thame**, M Branday, **C Christie**. “Student self-assessment in a Paediatric objective structured clinical examination”. *West Indian Med J* 2004 suppl 53:59.

Non Refereed Abstracts

- * **Christie CD**. “A Pediatric and Perinatal HIV/AIDS Leadership Initiative in Kingston, Jamaica – One-year Outcomes of Interventions”, ANNUAL THINK TANK, Elizabeth Glaser Pediatric AIDS Foundation, Tuscon, Arizona, November, 2003.
- * Mulrain Z, **Mullings A** and McCaw–Binns A. Patient satisfaction with care among antenatal patients at UHWI. Nursing Midwifery Conference, UWI, May 2004
- * **R Pierre**, P Swaby, R Sue Ho, L Norman. “Innovative intervention for HIV/AIDS education and prevention in Jamaican adolescents”. 15th International AIDS Conference, Bangkok Thailand, July 11-16 2004; Poster presentation, A brighter future? New generations, new treatments. *International AIDS Society*. Abstract number: TuPeC4748.
- * DP Manning, DH Ramsay, **R Pierre**, R Parkins. “An innovative support programme for HIV/AIDS affected Jamaican adolescents”. 15th International AIDS Conference, Bangkok Thailand, July 11-16, 2004; Poster presentation, *International AIDS Society*. Abstract number WePeD6588.
- * **R Pierre**, DP Manning, DH Ramsay, R Parkins, L Richards, B Bain. “Psychosocial interventions for HIV/AIDS-affected

Jamaican children”. UWI HIV/AIDS Response Programme (UWIHarp) 2nd Scientific and Business Conference – HIV/AIDS: Research partnerships for action, June 10-13th, 2004, Kingston, Jamaica.

Non Refereed Journals

Letters

- * **Fletcher H.** One’s gain another’s drain *Newsweek* May 3rd 2004 page 8

Book Chapters

- * **Wynter H** Gynaecological History and examination. Ch 1 pp 1-9 Roopnarinesingh’s Gynaecology. 2004 third edition Editor Bassaw B. Eniath Printers Trinidad
- * **Matadial and Wynter S** Endoscopy Ch 11 pp 126-140 Roopnarinesingh’s Gynaecology. 2004 third edition Editor Bassaw B. Eniath Printers Trinidad
- * **Bassaw B and Matadial L** Endometriosis Ch 14 pp 156-1167 Roopnarinesingh’s Gynaecology. 2004 third edition Editor Bassaw B. Eniath Printers Trinidad
- * **Frederick J** Uterine Fibroids Ch 15 pp 168-174 Roopnarinesingh’s Gynaecology. 2004 third edition Editor Bassaw B. Eniath Printers Trinidad
- * **Fletcher H** and Douglas C. Vulval lesions. Ch 23 pp 267-277 Roopnarinesingh’s Gynaecology. 2004 third edition Editor Bassaw B. Eniath Printers Trinidad
- * **Hall J** and Persad H Tumours of the ovary Ch 26 pp 320-333 Roopnarinesingh’s Gynaecology. 2004 third edition Editor Bassaw B. Eniath Printers Trinidad

AWARDS and HONOURS:

Professor Hugh Hastings Wynter

Received the “Community service award” at The Annual Clinical Meeting of the American College of Obstetricians and Gynecologists, Philadelphia, USA, 2004 for his many years of service to the region.

Dr Lennox Matadial

Received honours from both The Grabham Society (July 2003) and The West Indies Section American College of Obstetricians and Gynecologists (Feb 2004) for his many years of service to the Region.

Dr Horace Fletcher

International Journal of Obstetrics and Gynecology award (honorable mention) Best paper from a developing country 2003
“A comparison of two methods of labour induction with vaginal misoprostol”

Given an award By The Principal best Researcher for the Faculty of Medical Sciences, UWI Awards Ceremony (In Recognition of Outstanding Researchers) 2004

Award from Grabham society for outstanding leadership July 2003

Dr Maureen Samms-Vaughan

Paper entitled “Nutritional Status of 11-12 year old Jamaican children: Coexistence of under and over-nutrition” awarded best publication for the Faculty of Medical Sciences, UWI Awards Ceremony (In Recognition of Outstanding Researchers) 2004

INCOME GENERATION

RESEARCH GRANTS:

Professor Celia Christie

“Mega-trial of Safety and Efficacy of Pentavalent (G1, G2, G3, G4, and P1) Human Reassortant Rotavirus Vaccine in Healthy Infants”, Funded by *Merck and Co., USA*, \$ **1,406,520.00 USD**’s.

“Pediatric and Perinatal HIV/AIDS Leadership Initiative in Kingston, Jamaica”, International Leadership Award, Funded by the *Elizabeth Glaser Pediatric AIDS Foundation*, \$472,500.00 USD’s.

Pediatric HIV/AIDS in Jamaica. Funding from the Embassy of Jamaica, Washington, D.C., \$ 4,855.28 USDs.

Administrative Support of the “Kingston Pediatric and Perinatal HIV/AIDS Leadership Initiative” from the Principal’s Office, UWI and a

Research Fellowship in Pediatric Infectious Diseases and Epidemiology for Dr Julianne Steel-Duncan.

Dr Horace Fletcher

2003 \$49,000 Grant from Research and publication committee UWI. Mercury in Jamaican foods (Principal investigator)

2004 \$424,740 research grant from Caribbean Health Research Council. Phyto-oestrogens in Jamaican foods. (Principal investigator)

Dr S Kulkarni

Training in the use of the WHO partograph. Grant received for US\$50,000 to conduct training of doctors and midwives in selected Government Hospitals through UNFPA and Ministry of Health.

Dr M Samms-Vaughan

(with P.I.: Elsie Le Franc (Barbados), Dennis Brown (Trinidad) Source: Wellcome Trust, UK Title: Migration, family structures and morbidity from external causes. Annual direct costs: US\$ 755,330.00 (Jamaican site US \$302,000.00)

P.I.: **M. Samms-Vaughan** Source: IDB/ Ministry of Education Title: A comprehensive evaluation of children outside the traditional school setting. Annual direct costs: J\$ 3,000,000.00

P.I.: **M Samms-Vaughan**, M. Thorburn Source: UNCEF.

Title: Design of a system for screening referral and early intervention for children at risk in Jamaica. Annual direct costs: J\$300,000.00

PUBLIC SERVICE:

Dr Anthony Mullings

- Academic Board (Mona) representative, University Board for Undergraduate Studies
- Chairman, University Health Services Committee (Mona)
- Member, adhoc committee developing a research ethics policy and guidelines for the UWI
- Member, Board of the Mona Institute of Medical Sciences

- Member, UWI Mentorship programme.

Dr. Maureen Samms-Vaughan

- Chairman, National Early Childhood Commission of Jamaica
- Member, National Council on Education
- Consultant/advisor, PAHO/UNICEF in the area of child development and behaviour
- Child Development Consultant, UNICEF
- Child Development Consultant, to the IDB
- Board Member, Vaz Preparatory School
- Board Member, Queens High School
- Member, Society for Developmental and Behavioural Paediatrics, USA

Dr. Roxanne Melbourne-Chambers

- Consultant, UNICEF on the development of a curriculum on breast-feeding for medical and nursing staff and students.

Prof. Robert Gray

- Consultant, to UNICEF in the development of a screening programme for general health problems in children.

Dr. Antoine, M.

- Chairman, Education Committee, Paediatric Association of Jamaica
- Member, Juvenile Advisory Council

Dr. Bailey, K.

- Volunteer paediatrician for Asthma clinic at Mandeville Hospital (2nd Fridays)

Dr. Barton, M.

- Paediatrician for Pentab Nursery (inner city nursery)
- Teacher/ Counsellor for Inner City Children Outreach Project.

Dr. Melbourne-Chambers, R.

- Vice President, Paediatric Association of Jamaica Professional Societies/Activities

Professor Christie, C. D.

- Fellow, Infectious Diseases Society of America
- Member, Pediatric Infectious Diseases Society of America
- Member, HIV Medicine Association of America, Founding
- Member, International Association of Physicians in HIV/AIDS Care
- Board Member, Bank of Nova Scotia Jamaica Limited and Bank of Nova Scotia Jamaica Life Insurance Company Ltd
- Member, Private Sector Organization of Jamaica, Corporate Governance Committee
- Member, HIV Medicine Association of America, Inaugural
- Member, Pediatric Infectious Diseases Society of America

Dr. Vernon DaCosta

- Member, Kiwanis Club of Liguanea

Dr. Horace Fletcher

- Vice Chairman, West Indies Section American College of Obstetricians and Gynecologists
- Member, International Committee to review Screening for Cancer Cervix in the Caribbean

Professor Joseph Frederick

- Member of Grabham Society (Jamaican Association of Obstetricians and Gynaecologists)
- Member, Pacesetters Toast Masters Club.

Dr. Millard, D.

- Chairman, Bustamante Hospital Management Committee
- Chairman, Adoption Board
- Member, Board of the South East Regional Health Authority

- Member, Child Development Agency Advisory Board
- Adviser, Ministry of Health Rheumatic Fever/Rheumatic Heart Disease Prevention Programme

Dr. Sharmaine Mitchell

- Examiner, Caribbean Medical Council
- Gynaecologist, Grants Pen and Stella Maris Foundation Outreach Programme

Dr. Pottinger, A.

- Vice President, Jamaica Psychological Society
- Consultant, University Council of Jamaica
- Consultant, Children Homes, United Church of Jamaica and Grand Cayman
- Member, Steering committee, Psychological Support Team, Jamaica Red Cross
- Board member, McCam Child Development Centre

Dr. Thame, K.

- Secretary, Paediatric Association of Jamaica

Dr. Thame, M.

- Volunteer, Paediatrician Best Care Lodge Children's Home
- President, Paediatric Association of Jamaica
- Member, UNICEF Committee for the revision of breast feeding training curricula for medical and nursing staff

Dr. Trotman, H.

- Member, Paediatric Association of Jamaica (PAJ Executive)
- Editor of "The Pickney", PAJ quarterly newsletter
- Member, Paediatric Association of Jamaica Educational Committee
- Member, Paediatric Association of Jamaica Planning Committee for the 14th Biennial International Conference
- Member, Breastfeeding Committee UHWI

Dr Maureen Samms-Vaughan

- Chairman, National Early Childhood Commission of Jamaica
 - Member, National Council on Education
 - Member, Promise Learning Centre Special Ed. School Board
 - Member, The Queens High School Board
 - Founding Member, Children's Issues Coalition, UWI
 - Member, Red Cross Voluntary Mental Health Emergency Responder Team
-
- Member, Caribbean Early Childhood Association
 - Member, Vaz Preparatory School Board

Dr Shaun Wynter

- Member, Freemasons Lodge

CATEGORIES OF STUDENTS:

Two postgraduate students were successful at the DM Paediatrics Part II (final) examinations held at the Mona Campus this year. These students were from the Mona Campus. Three postgraduate students were successful at the DM Part I examination.

Obstetrics & Gynaecology

This year is the second year of the introductory lectures to the preclinical students which is part of the urogenital module. This was done concurrently with the weekly lectures to the students under the old system.

All 5 candidates were successful in the November/December 2003 MBBS examinations and 90 out of 92 students were successful in the May/June 2004 exams. Two students received distinction and five received honors in Obstetrics and Gynaecology.

The undergraduate exam was reviewed by a team chaired by Professor Ramsewak University examiner. Minor changes were made to make the clinical exam more uniform across the campuses.

Five candidates were successful in the Doctor of Medicine in Obstetrics and Gynaecology in the May/June examinations.

DEPARTMENT OF PATHOLOGY

Professor Barrie Hanchard, MB BS, FRCPC, FRCPEdin
– Head of Department

WORK OF THE DEPARTMENT

TEACHING

Undergraduate and postgraduate courses

The department continues to execute teaching programmes for both undergraduate and postgraduate students. The class of 2005, the last of those being taught under the 'old curriculum' sat final examinations in Pathology and Microbiology in April/May 2004. Of 98 students sitting the examination, 83 were successful; two (2) passed with Honours. The class medal for the most outstanding overall performance was awarded to **Miss Tamara Greaves** and the **Professor Stanley Brooks** prize for the best performance in Pathology was awarded to **Miss Kamile West**.

The bulk of the undergraduate didactic teaching related to the classes of 2006, 2007 and 2008. These classes comprise those being taught under the new curriculum which being modular in nature requires heavy involvement of the academic staff in Pathology with regards to the basic pathology input in all modules. In addition, those of the resident staff appointed as Teaching Assistants have been assisting the Anatomy Section of the department of Basic Medical Sciences in histology practical

classes. The class of 2006 sat the first B. Med. Sci. examination in May 2004. Of 105 candidates, 93 were successful; 35 passed with Honours and 3 passed with Distinction. Unsuccessful candidates sat supplemental examinations in June.

Postgraduate teaching leading to the DM Anatomical Pathology, the DM Clinical Haematology and the DM Laboratory Haematology degrees continued for a full complement of postgraduate students. A revision of the postgraduate programmes in Haematology has

resulted in the current programmes in Clinical Haematology and Laboratory Haematology combined to form a single programme, the DM Haematology course. As of 2004 all postgraduate Haematology candidates will be registered for this programme.



There were no candidates graduating from the various programmes during the year under review. Three are due to sit the part I examination in Anatomical Pathology in October 2004; one will sit the final examination in Clinical Haematology and one will sit the final examination in

Laboratory Haematology.

The exchange programme in Anatomical Pathology whereby senior residents complete 6-month rotations at the University of Fort de France in Martinique has been in abeyance for the past year due to a lack of candidates at a stage senior enough to benefit from the rotation. It is intended to restart the programme during the next academic year if funds supplied by the French government for the project are once again made available.

Courses in Basic and General Pathology were also taught by members of the Academic and Resident staff to undergraduates at the University of Technology in the BSc Pharmacy programme, at the University of the West Indies to undergraduates in the BSc Physical Therapy programme and to students in the School of Radiography at the University Hospital of the West Indies.

Staff

Four members of staff earned senior promotions during the year. **Drs. Kathleen Coard** and **Dipak Shah** were promoted to Professor; **Drs. Gilian Wharfe** and **Suzanne Shirley** were promoted to Senior Lecturer.

The introduction of the new curriculum has resulted in several members of staff being heavily involved in the planning and execution of the curriculum. Dr. Eric Choo-Kang and Dr. Elaine Williams serve on the Curriculum Committee, as well as on the Stage II Planning Committee along with Dr. Nadia Williams and Dr. Gilian Wharfe. Drs. Escoffery, Wharfe and Williams serve as Module Leaders.

Dr. Donavon McGrowder who was appointed Lecturer in Chemical Pathology to succeed Dr. Harold Chan on his retirement, enrolled at

the Royal Brompton Hospital in Chelsea, UK for a one year course in clinical chemistry and is expected to join the staff in September 2004 upon completion of the course.

Dr. Tracey Gibson was accepted at the University of Glasgow, Scotland for the MSc course in Molecular Genetics. She will begin the course in September 2004.

Dr. Karen Bishop was awarded a six-month Fellowship in Paediatric Pathology at the Hospital for Sick Children in Toronto beginning January 2005.

The staff in Anatomical Pathology established ties with staff at the Norman Manley Law School with respect to the exchange of information related to forensic pathology. A number of formal seminars have been conducted by a Senior Tutor from the Law School aimed at increasing the understanding between legal and medical personnel in medico-legal procedures.

Several members of staff have had the opportunity to further develop their skills through attendance and presentations at conferences and seminars locally and overseas. The teleconferences arranged and sponsored by the American Society for Clinical Pathologists (ASCP) continue to play a significant role in continuing medical education for the department.

The Laboratories

The project undertaken by the Special Projects Unit of the Mona Campus to refurbish the laboratories has been completed. The subdepartments of Chemical Pathology and Haematology now occupy newly completed laboratories suitably equipped to provide routine and special tests commensurate with the role of such laboratories in a Teaching Hospital. The final phase of the laboratory improvements will see computerization of the laboratories through a laboratory information system that will increase access to reports in the wards and clinics of the hospital taking advantage of the automated laboratory equipment that has been newly acquired.

All laboratories have expanded their portfolios of routine and special tests. In Surgical Pathology there has been the significant addition of immunohistochemistry as a special test to enhance the diagnostic capabilities in tumor pathology with the acquisition of a fairly comprehensive list of monoclonal antibodies relative to this technique. In Chemical pathology the acquisition of special kits relative to the generation of tests on endocrine function has improved diagnostic capabilities and management facilities for those practicing endocrinology and has facilitated the work of the In-vitro Fertilization Unit (IVFU).

Several members of the laboratory staff have taken steps to improve their laboratory skills through training programmes, diploma and degree courses. In Surgical Pathology Miss Gillian Mignott completed a course in Medical Microbiology at the London School of Hygiene and Tropical Medicine and Miss Hamlyn Scott and Mrs. Carol Rowe successfully sat the Diploma in Histology offered by the Caribbean Association of Medical Technologists. In Cytology Mrs. Kerine Hay returned to the Unit after having completed a one year course in Cytology at the Sloan Kettering Cancer Institute in New York, USA.

RESEARCH

The department continues to maintain a high research output in several specific areas. Chief among these is the HTLV-I project, a joint collaborative research project between the department and the Viral Epidemiology Branch of the National Cancer Institute/The National Institutes of Health, (NCI/NIH) Bethesda, Maryland, USA. This project which has been in existence since 1983 has as its main objective the investigation of all aspects of HTLV-I infection in Jamaica. Over the years various aspects of the epidemiology, disease associations and natural history have been thoroughly researched. For the year under review the

research has been concentrated primarily on HTLV-I infection in Adults including the development of a cohort of blood donors and the further registration of HTLV-I lymphoma/leukemia patients in the island. Data collected in previous years related to the study of HTLV-I infection in families is being analyzed and the treatment protocol for HTLV-I lymphomas and leukemias being executed in conjunction with NCI/NIH is still in progress.

Other major research projects being conducted in the department include several protocols involving diseases of the breast, studies on colo-rectal cancer and the analysis of data related to the now completed prostate cancer study. The breast cancer research project

was given increased impetus when agreement for collaboration was officially certified with the Moffitt Cancer Center and Research Institute, Tampa, USA with further protocols being planned, between the department and the institute.

The Jamaica Cancer Registry, housed in the department still provides data for research related to cancer epidemiology. With the expansion of the terms of reference of the registry to include not only data on cancer incidence but also data on cancer mortality, the registry now provides data for comprehensive analysis of cancer epidemiology in Jamaica. This has been significantly aided by the recently installed computer programming designed specifically for Jamaica by collaborators at the International Agency for Research on Cancer and the International Association of Cancer Registries.

Members of the Academic Staff are also involved in research that is particularly related to their subspecialties. These include renal pathology (Prof. D. Shah) liver and gastro-intestinal pathology (Prof. B. Hanchard, Dr. N. Williams, Dr. D. Brady-West) Neuropathology (Dr. G. Char, Dr. J. Jaggon) immunopathology, (Dr. E. Williams) cardiovascular pathology (Prof. K. Coard) autopsy pathology (Dr. C. Escoffery, Dr. S. Shirley, Dr. T. Gibson) breast pathology and cytopathology (Dr. S. Shirley, Dr. C. Escoffery) haemophilia and other haematologic diseases (Drs. G. Wharfe, D. Brady-West, J. Taylor-Houston, L. Buchner) nutritional and chronic diseases (Dr. E. Choo-Kang, Prof. F. Bennett) paediatric pathology (Dr. K. Bishop). Cancer registration (Prof. B. Hanchard, Dr. G. Blake, Dr. T. Gibson)

The various research programmes in the department earned two of the awards in the Faculty at the recent Research Day Awards ceremony. The HTLV-I project again received the Award for the “*Project attracting the most funds*,” and Professor Coard received an award for “*most outstanding researcher*.”

Details of the major Projects and funding are as follows:

- i) HTLV-I – (investigators) Prof. B. Hanchard (Principal), Mrs. B. Cranston (Manager) Funding US\$4,000,000, (2001-2005) Dr. G. Wharfe, Dr. E. Williams, Dr. N. Williams, (Prof. R. Wilks)
- ii) Breast Cancer – Dr. S. Shirley (Principal), Dr. C. Escoffery, Dr. E. Williams, Dr. G. Wharfe, (Dr. D. Soares), (Dr. D. Mitchell), (Prof. R. Wilks)
- iii) Colo-rectal – Dr. D. Brady-West (Principal), Cancer Prof. B. Hanchard, Dr. N. Williams, (Dr. M. Newnham), (Dr. M. McFarlane), (Prof. M. Lee), (Dr. M. Reid), (Professor P. Fletcher)
- iv) Renal & Hepatic Cadmiun Levels in Humans – Dr. N. Williams (Principal), (Prof. G. Lalor), (Dr. R. Rattery), (Dr. P. Wright)

*Bracketed names indicate extra-departmental co-investigators.

PAPERS PRESENTED

At the 12th Annual Research Conference of the Faculty of Medical Sciences, UWI, Mona, Jamaica.

- “Aortic dissection at the UHWI” Coard KCM, Skeete DH-A
- “Renal histopathological changes in adults with Haemoglobin SS disease” Shah D
- “Non-gynaecologic exfoliative cytology at the University of the West Indies, 1997-1979. Shirley SE, Escoffery CT, Sargeant LA, Sutherland M, Gray J, Hay KK.
- Clinico-pathologic features of male breast cancer in Jamaica” Shirley SE, Escoffery CT

At the 9th Annual Symposium of the Jamaican Orthopaedic Association, Kingston, Jamaica.

- “Peculiarities of Soft Tissue Tumours” Blake GO
- “Needle biopsy of musculoskeletal Tumours” Shirley SE
- “Statistics relating to Musculoskeletal Tumours” Coard K

At the Grabham Society Symposium, Kingston, Jamaica

- “Epidemiology and Screening of Cervical Cancer” Williams NP
- “Cervical Cancer in Jamaica- Incidence and Mortality” Hanchard B

At the 10th Annual Scientific Symposium of the Jamaican Association of Clinical Pathologists

- “ ‘A B C’ of Hepatitis in Transfused Patient” Williams NP
- “Blood Substitutes – Hope or Hype?” Buchner LM

At the CME Symposium, University Health Centre

- “Update on Colorectal Cancer, Pathogenesis and Screening” Williams NP

At the 3rd Annual Perinatal Conference, UHWI, Jamaica

- “The Pathology Report” Bishop K.
- “The Pathology of Prematurity” Bishop K.
- “Periventricular Leukomalacia” Jaggon J.

At the 18th Annual Meeting of the Association of West Indian Gastroenterologists, Montego Bay, Jamaica.

- “The role of the GI Pathologist” Riddell R, Williams NP

At the Caribbean Neuroscience Symposium 2004, University Hospital of the West Indies

- “Classification of Meningiomas” Jaggon J.

PUBLICATIONS

Refereed

- * Bilateral synchronous carcinoma of the male breast in a patient receiving Estrogen for carcinoma of the prostate: Cause or coincidence? **Coard KCM**, Skeete DH-A, *Southern Med J*; 97:308-310, 2004
- * Use of Gleason system in international comparisons of prostatic adenocarcinomas in blacks. Freeman VL, **Coard KCM**, Wojcik E. Durazo-Arvizu R. *The Prostate* 58: 169-173, 2004
- * Androgen and vitamin D receptor expression in archival human breast tumours: Krishan A, Arya P, Ganjei-Azar P, **Shirley SE**, **Escoffery CT**, Nadji M. *Cytometry Part B: Clinical Cytometry* 58B:53-60, 2004
- * Fatal autochthonous eosinophilic meningitis in a Jamaican child caused by *Angiostrongylus cantonensis*: Lindo JF, **Escoffery CT**, Codrington G. Cunningham-Myrie C. Eberhard ML. *American Journal of Tropical Medicine and Hygiene* 70:2425-8;2004
- * Fatal Poisoning in Jamaica: A coroner's autopsy study from the University Hospital of the West Indies: **Escoffery CT**, **Shirley SE**, *Medicine, Science and the Law* 44:116-120, 2004
- * Chlamydia trachomatis, Herpes SimplexVirus 2 and Human T-Cell Lymphotropic Virus Type I are not associated with grade of cervical neoplasia in Jamaica colposcopy patients. Castle PE, **Escoffery C**, Schachler J, Rattray C, Schiffman M, Moncada J, Sugai K, Brown C, Cranston B, **Hanchard B**, Palefsky JM, Burk RD, Hutchinson ML, Strickler HD. *Sexually Transmitted Diseases* 30:575-580; 2003
- * A cohort study of health effects of human T-cell lymphotropic virus type I infection in Jamaican children. Maloney Elizabeth M, Wiktor Stefan Z, Palmer Paulette, Cranston Beverley, Pate Ernest J, Cohn Sylvia, Kim Norma, Miley Wendell, Thomas Terry L, Blattner William A, **Hanchard Barrie**. *Paediatrics* 112:136-142; 2003
- * Seroincidence of human T-cell lymphotropic virus type 1 infection and characterization of seroconverters in Jamaican food handlers. Van Veldhuisen P. C., Walters M, Sawada T, Levine PH, Wilks R, **Hanchard B**. *J Acquired Immune Deficiency Syndrome* 3:387-392; 2003

- * Human T-cell lymphotropic virus type 1 (HTLV-I): the forgotten retrovirus? **Hanchard Barrie** *Postgraduate Doctor Caribbean* 19(e):72-74; 2003
- * The relationship among circulating Insulin-like Growth Factor (IGF)-1, IGF-Binding Proteins -1 and -2, and birth anthropometry: a prospective study. Boyne MS, Thame M

Bennett FI, Osmond C, Miell JP, Forrester TE. *J. Clin Endocrinol Metab* 88:1687-1691; 2003.
- * Placental separation from a seatbelt injury due to severe turbulence during aeroplane travel **Wharfe GH**, Fletcher HM, Mitchell SY, *Journal of Obstetrics and Gynaecology* 23:1, 73-74; 2003
- * Gynaecologic cancer incidence, Kingston and St. Andrew, Jamaica, 1973-1997, and gynaecologic cancer mortality, Jamaica, 1999. **Blake G, Hanchard B, Gibson T**, Wolff C, Samuels E, Waugh N, Simpson D. *West Indian Med. J.* 52(4):256-335; 2003
- * High-grade sarcoma of the uterine corpus with heterologous elements and synchronous adenocarcinoma in an endocervical polyp. **Coard KCM**, Gaskin DA, Nepaul I. *West Indian Med J.* 53: 56-58, 2004
- * Acute subdural hematoma without subarachnoid haemorrhage carried by rupture of an intracranial aneurysm. **G. Blake**, C. Ramjit, **G. Char**. *West Indian Med. J.* 52(1):80-81; 2003
- * Granulosa cell tumour of the ovary with bilateral mature teratomas. **G. Char**, C. Ramjit, H. Fletcher, W. Harvey. *West Indian Med. J.* 53(2):135; 2004
- * Provirus load in breast milk and risk of the mother-to-child transmission of human T-lymphotropic virus type I. Li Hong-Chuan, Biggar Robert J, Miley Windell J, Maloney Elizabeth M, Cranston Beverley, **Hanchard Barrie**, and Hisada Michie. *The Journal of Infectious Disease* 190:1275-8; 2004
- * Utility of rapid staining of fine needle aspiration smears at the University Hospital of the West Indies. **Shirley SE, Escoffery CT** Reid M, Hay KK, Sutherland M, Gray J. *West Indian Med. J.* 52:34-6; 2003

- * Heart Weight and Heart Weight/Body Weight Ratios in a Jamaican Adult Autopsy Population: A Preliminary Study. **Coard KCM**, Jackson M. *West Indian Med. J.* 52: 41-44; 2003

- * The management of isolated splenic abscess: Plummer JM, **Gibson TN**, Newnham MS, Donald AH, West Indian Med J, 53:201-2004

DEPARTMENT OF SURGERY, RADIOLOGY, ANAESTHESIA & INTENSIVE CARE

**Professor Archibald McDonald MB BS, FRCSEd, FACS, DM
(Surgery) *UWI* – Head of Department**

WORK OF THE DEPARTMENT

The Department continues to explore innovative ways to transform itself into a research oriented organization which provides an atmosphere that facilitates an excellent learning experience for its students and a level of patient care which is no different from that available in the best clinical Departments worldwide. This has to be achieved with a shrinking budget at the UWI as well as at the UHWI. The department therefore recognizes and supports the need for the faculty to intensify its income generation efforts such as increasing the intake of medical and nursing students and expansion of the Mona Institute of Medical Sciences.

Links were established with Departments of Surgery at Yale University and University of Toronto. Several staff members and graduate students visited the hospitals attached to the University of Toronto and were trained in various areas. Collaborative work in Breast Cancer research was strengthened with the Department of Pathology at UWI. Agreement was reached with the TMRI to collaborate in the area of Retinal Diseases in Sickle Cell Disease patients, and the Health Economics of Injuries. An Ophthalmologist has been assigned to the Sickle Cell Research Unit.

The format of the final examinations in the undergraduate programme was changed in that the clinical and oral components were combined into one examination. The examinations were conducted more efficiently and the process shortened. This was achieved without compromising standards and the contact time with

examiners and students was not changed. The Department received the best results ever in the Final Surgery examination with one distinction and eight honours.

Our graduate programmes continue to grow and there are presently 122 graduate students in Surgery, Anaesthesia and Intensive Care, Radiology and Emergency Medicine. We achieved the best ever results in our



postgraduate examinations with over 50% of students being successful in all 4 subjects in the Part 1 Surgical examinations. Fifteen students were awarded DM degrees. The DM Ophthalmology programme was started with 5 graduate students. In Anaesthesia and Intensive Care the Part 1 DM Examination received reciprocity with the Part 1 of the British Fellowship Examinations.

The Annual Departmental Retreat was held in July 2004 at the Mona Visitor's Lodge. All our programmes were reviewed and discussions held as to how they can be improved to achieve the Department's Strategic Objectives.

Staff movements/recognitions

Dr Derek Mitchell	– promoted to Senior Lecturer
Dr REC Rose	– promoted to Senior Lecturer
Dr Wayne West	– promoted to Senior Lecturer
Prof. Peter Fletcher	– appointed Acting CEO, UHWI.
Dr Maria Nelson	– awarded Indefinite Tenure
Dr Paul Ramphal	– awarded Indefinite Tenure
Dr Michael McFarlane	– awarded Indefinite Tenure
Dr Hyacinth Harding-Goldson	– Crossed the Merit Bar
Dr. Michael James	– Crossed the Merit Bar

New Appointments

Dr Anthony Williams	– Consultant Anaesthetist
Dr Lizette Mowatt	– Consultant Ophthalmologist
Dr Esther Bowie	– Consultant Ophthalmologist

Continuing medical education/outreach

Conferences/workshops organized:

Advanced Trauma Life Support Courses, Faculty of Medical Sciences, Mona, Kingston, January 24 & 25 and July 24 & 25, 2004.

The Jamaican Anaesthetist Association Annual Conference, October 27, 2003, Mona Visitors Lodge, Kingston.

UWI Caribbean Neuroscience Symposium, Main Lecture Theatre, January 5 & 6, 2004.

Jamaica Emergency Medicine Association, Third Annual Conference, Jamaica Pegasus, Kingston, March 28, 2004.

Jamaica Orthopaedic Association's 9th Annual Symposium, the Jamaica Hilton Hotel, January 17 & 18, 2004.

Urological Society Conference, Jamaica Pegasus Hotel, February 22, 2004.

Association of Surgeons in Jamaica, 46th Annual Conference, Ocho Rios, May 15 & 16, 2004.

Departmental Clinical Research Meeting, Faculty of Medical Sciences, Mona, UWI. May 14, 2004.

Codman Neurosurgery Week, Main Lecture Theatre, February 16-20, 2004.

Second Bill Dennis Memorial Lecture, Faculty of Medical Sciences, Mona, June 16, 2004.

Lectures:

Surgical Grand Round Lectures

“Benefits of Medical Protection Society.” Karen James, Representative, MPS, Jamaica.

“Injuries in Cricket in South Africa.” Dr Stretch, Sports Medicine Specialist, Cook University, South Africa.

“Important Guidelines in the Management of Musculo-Skeletal Tumours in Children.” Robert Grimer, Royal Orthopaedic Hospital, Birmingham, England.

“MAJ Insurance Fund – Its Relevance in Jamaica Today.” Mr. Winston St. Elmo Whyte, Consulting Actuary & Director, FIRM Insurance Brokers Limited, Senior Lecturer in Mathematics & Computer Science, UWI.

“Colorectal Neoplasia” – Dr Adedayo Mokuolu, North General Hospital, New York, USA.

“Breast Cancer: Your Best Protection is Early Detection” Dr. Sydney G. McCalla, Lincoln Medical & Mental Health Centre, New York, USA.

“Management of the Mangled Extremity: Using Your Brain is Better than any Severity Score” Dr. Robert Feibel, University of Ottawa, Ontario Canada.

“Tibial Plafond Fractures: Pitfalls & Pearls”. Dr. Robert Feibel, University of Ottawa, Ontario Canada.

“How to do Research” Dr Darrell O’Gilvie-Harris, University of Toronto, Canada.

“Anaemia in the Intensive Care Unit” Dr Daniel Castillo, Jackson Memorial Hospital, Miami, USA.

Rural Rounds:

Members of the Section of Surgery have continued the outreach programme of visits to rural hospitals and participating in ward rounds and surgical consultations.

Members of the Division of Emergency Medicine made visits to rural institutions and gave lectures on topics related to Emergency Medicine.

Benefactions/sponsorship received

J\$1 million from Bank of Nova Scotia for A&E Unit

J\$75,000.00 Clinical Research Meeting sponsorship

US\$1,000.00 from Rev. Carmen Stewart

Donations Made

J\$ 49,000.00 to Nursing staff welfare: surgical wards, operating theatres, surgical outpatients clinic and Accident and Emergency Division

J\$222,670.00 to Office staff welfare

\$56,600.00 for Sponsorship of Nurses to attend conferences/book token prizes

J\$10,000.00 for Sponsorship of Resident

J\$21,000.00 for Contribution to Annual Faculty Research Conference

RESEARCH IN PROGRESS

- Data Collection on the Trauma Registry continued. Up to July 31, 2004, 7500 patients have been entered. To date there are five publications and sixteen abstracts from the database.
- The department is collaborating with the TMRI and the Department of Economics to study the impact of injuries on the Jamaican Economy.
- The Division of Neurosurgery is collaborating with Dalhousie University to study “Traumatic Injury in Jamaica”. Data collection was completed in June 2004.
- The Breast Disease project, a collaborative study between the Departments of Surgery & Pathology, was expanded to include the Moffitt Cancer Centre, Florida. Data collection continued.
- Dr Paul Ramphal continued work on the Computer – assisted Cardiac Surgical Simulator. There have been two Publications from this project to date.
- The Division of Urology continued the collaborative work on the multinational study on Prostate Cancer. To date four abstracts have been published.

PAPERS PRESENTED

- **A. McDonald** “Skills empowerment: Are men still marginalized?” City of Kingston Forum, Hilton Hotel, Kingston, Jamaica, August 2003.
- **M. Scarlett.** “The Development of Anaesthesia and the Postgraduate Training Programme in the English Speaking Caribbean.” Annual Meeting of the College of Anaesthetists RCSI Winter College Lecture, Dublin Ireland: December 12, 2003.
- **R. Venugopal** “Aggressive Benign Behaviour”. 9th Annual Symposium on Skeletal Tumours. The Hilton Kingston, Hotel, January 17th & 18th, 2004.
- **R. Bullock** “Role of CT, MRI, Angiography.” 9th Annual Symposium on Skeletal Tumours. The Hilton Kingston, Hotel, January 17th & 18th, 2004.
- **I. Crandon.** “Neuroprotective Strategies in the Head Injured Patient and Brain Death”. The Jamaica Anaesthetist Association Conference, Mona Visitors Lodge, UWI, October 2003.
- **I. Tennant** “Sepsis in the Intensive Care Unit”. The Jamaica Anaesthetist Association Conference, Mona Visitors Lodge, UWI, October 2003.
- **K. Ehikhametalor** “Geriatric Patients? Do they stand a chance?” The Jamaica Anaesthetist Association Conference, Mona Visitors Lodge, UWI, October 2003
- **A. Barnett.** “ARDS: Have we found a cure?” The Jamaica Anaesthetist Association Conference, Mona Visitors Lodge, UWI, October 2003
- **R. Augier** “Triage Decisions in the Intensive Care Unit at UHWI.” The Jamaica Anaesthetist Association Conference, Mona Visitors Lodge, UWI, October 2003

At the 7th International Conference, UWI Medical Alumni Association, Bahamas, November 2003

- **G. Arscott** “Failure of Therapy to Control Juvenile Mammary Hypertrophy.”
- **G. Arscott** “The Challenge of Managing Dermatofibro- sarcoma Protuberans”
- **R. Venugopal** “Epidemiology of Burns at the UHWI.”
- **H. Shaw** “Acute Pulmonary Embolism after Major Head & Neck Surgery.”
- **H. Shaw** “Autism: The Role of the Otolaryngologist.”
- **E. Williams** “Oesophageal Foreign Bodies at the UHWI”
- **E. Williams** “Tetanus – going but not gone!” Preventative Strategies Revisited”
- **WD Aiken** “Differences in Patient Characteristics in Men of African Descent with Prostate Cancer from Jamaica and Chicago”
- **H. Harding** “Predicting Outcomes in the ICU at the UHWI”
- **JM Branday** “Challenges in the Selection Criteria for the MB BS Degree, Faculty of Medical Sciences, Mona: An Early Evaluation”

At the Faculty of Medical Sciences Research Conference, Main Lecture Theatre, November 13 & 14, 2003:

- **I Crandon.** “Surgery in the elderly: A Prospective Study in a Developing Country.
- **H. Harding** “Assessing Postoperative Adverse Events and Outcome in the Elderly Surgical Patient at the University Hospital of the West Indies.
- **E. Williams** “Tetanus: The Bugbear of the Elderly.”
- **H. Harding** “Predicting Outcome in the Intensive Care Unit of the University Hospital of the West Indies.”
- **J. Williams-Johnson** “Chest Pain in the Emergency Department: The Broad Spectrum of Causes.”
- **C. Bruce** “Syringomyelia: Does Pathophysiologic-guided intervention yield better results?”

- **J. Plummer** “Endoscopic Retrograde Cholangiopancreatography use at the University Hospital of the West Indies.”
- **A. McDonald** “Surgery in the Senior Years: What, where and how?”

At the Association of Surgeons Retreat, Boscobel, St. Mary, Jamaica. November 29 & 30, 2003:

- **W. Aiken** “Differences in Clinical Characteristics of Prostate Cancer in Jamaican and Black American Men.”
- **C. Bruce** “Modern Utilization of Anterior Skull Base Approaches.”
- **A. Martin** “Complications of Pancreatic Pseudocysts – Two Cases for Review.”
- **H. Shaw** “Pulmonary Embolisation after Major Head & Neck Surgery”

At the Caribbean Neuroscience Symposium, Mona Campus, UWI, January 5 & 6, 2004:

- **C. Bruce** “Anterolateral Skull Base Utilization in Jamaica.”
- **G. Donaldson** “Overview of Meningioma Surgery: The Role of Image Guidance.”
- **R. Hunter** “Third Ventriculostomy”
- **R. Bullock** “Imaging of Meningiomas: Pre and post-op MR Spectroscopy.”
- **D. Soares** “MR Spectroscopy”

At the Perinatal Mortality Conference, Mona Campus, UWI, February 6, 2004:

- **J. Williams-Johnson** “Maternal Collapse: Emergency Room Management.”
- **N. Duncan** “Genetic Counselling: Surgical Treatment.”
- **N. Duncan** “Necrotizing Enterocolitis.”
- **D. Soogrim** “Neonatal Resuscitation: Anaesthesia & Equipment.”

PUBLICATIONS

Refereed:

- * “Potential Role for Advanced Trauma Life Support (ATLS) Program in Improving Trauma Care In Jamaica” AH. McDonald, J. Ali, DIG Mitchell, MS Newnham, A. Barnett, E. Williams, A. Martin. *West Indian Med J* 2003; 52(3): 208-12.
- * “Surgery in Jamaica” PR Fletcher, A. McDonald, T. McCartney, R. Carpenter. *Arch Surg* 2003; (138): 1150-53.
- * “Thymic Surgery in Jamaica 1992 - 2000.” P. Ramphal , RW Irvine, DIG Mitchell, M. Scarlett, CD McGaw, PR Fletcher, HW Spencer. *West Indian Med J* 2003; 52(3): 213-18.
- * “Case Report on Cutaneous Larva Migrans.” S. French, J. Lindo *J Travel Med* 2003; (10): 249-50.
- * “A case of Pulmonary Lymphagioleiomyotosis.” PS Ramphal, D. Shah, DIG Mitchell, J. Wynter-Daley. *West Indian Med J* 2003; 52(3); 250-2.
- * “Complex Regional Pain Syndrome.” K, Ehikhametalor, M. Nelson, D. Treasure, C. McGaw. *West Indian Med J* 2003; 52(3); 257-8.
- * “Motivation for and Concerns about Entering a Medical Programme.” A. Ricketts-Wierenga, JM Branday, D. Simeon, A. Pottinger, B. Braithwaite. *West Indian Med J* 2003; 52(4); 304-10.
- * “Subxiphoid Pericardial Window in Stable Cardiac Proximity Injuries.” C. Valentine, J. East. *West Indian Med J* 2003; 52(4); 296-9.
- * “Routine Prophylactic Antibiotics for Arthroplasty Patients Receiving Dental Care: Is it Necessary? A Review.” REC Rose. *West Indian Med J* 2003; 52(4); 317-20.
- * “Initial Experience with Beating-Heart Valve Replacement Surgery at the University Hospital of the West Indies, Kingston, Jamaica.” P. Ramphal, R. Irvine, A. Wierenga, M. Scarlett, CD McGaw. *West Indian Med J* 2003; 53(2); 109-112.

- * "Ionizing Radiation: The Question of Responsible Use. Pandora's Box Revisited." DP Soares, P. Gilligan. *West Indian Med J* 2003; 53(2); 118-21.

- * "Metatarsal Lengthening by Callus Distraction for Brachymatatarsia." REC Rose *Int. J. of Third World Medicine* 2004(1)2;

- * "Circumcision of Jamaican Newborn Using the Plastibell™ Device." ND Duncan, SE Dundas, B. Brown, C. Pinnock-Ramsaran, G. Badal. *West Indian Med J* 2004; 53 (1): 23-6.

- * "A Simple Preparation of Introductory Training in the Construction of Distal Coronary Anastomoses." PS Ramphal, A. Coye, J. Blidgen. *West Indian Med J* 2004; 53 (1): 27-9.

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- * Letter to the Editor: “The Management of Isolated Splenic Abscess.” **JM Plummer, TN Gibson, MS Newnham, AH McDonald.** *West Indian Med J* 2004; 53 (3): 201-2.

PUBLIC SERVICE

Professor Peter Fletcher

- Senior Director, Clinical Services, UHWI.
- Chair, Security Subcommittee, F&GPC, UWI, Mona.
- Director, UHWI Private Wing Ltd. (Tony Thwaites Wing)
- Chair, Board of Directors, Mona Institute of Medical Sciences.
- Member, Assessment and Promotions Committee, FMS, Mona.

Professor Michael Branday

- Deputy Dean, Student Affairs
- Chairman, Curriculum Committee, FMS, Mona.
- Member, Assessment and Promotions Committee, FMS, Mona.

- Academic Board Representative, Board of Undergraduate Studies.
- Member, Board of Directors, Mona Institute of Medical Sciences.

Professor Archibald McDonald

- Chairman, ScotiaBank Accident & Emergency Advisory Committee, UHWI
- Chairman, Specialty Board in Surgery.
- Member Board of Directors, Mona Institute of Medical Sciences.
- Member, Organizing Committee, FMS Annual Research Day.
- Member, Editorial Board, *West Indian Medical Journal*.
- Co-ordinator, Advanced Trauma Life Support (ATLS) activities in Jamaica.
- Treasurer, Association of Surgeons in Jamaica.
- Director, Mancare Medical Centre Ltd.

Dr. Michael McFarlane

- Secretary, Jamaica Chapter, American College of Surgeons.
- Consultant, Jamaica Cancer Society.
- Member, Board of Management, Jamaica Cancer Society.

Dr William Aiken

- Secretary, Association of Surgeons in Jamaica.
- Secretary, Jamaica Urological Society.
- Faculty, Advanced Trauma Life Support Course.

Dr Christopher Rose

- Vice-President, Jamaica Association of Sports Medicine.
- Consultant, National Sports Medicine Clinic.

Dr Paul Ramphal

- Member, UWI/UHWI Ethics Committee
- Faculty, Acute Cardiac Life Support Course, Ministry of Health.

Dr Jean Williams-Johnson

- Medical Director, Emergency Medicine Division, UHWI.
- Faculty, Advanced Trauma Life Support Course.
- Faculty, Advanced & Basic Life Support Course.

Dr Derek Mitchell

- Treasurer, Jamaican Chapter, American College of Surgeons.
- Member, Patient Information Systems, UHWI.
- Faculty, Advanced Trauma Life Support Course.
- Consultant, Jamaica Cancer Society.

Dr Maria Nelson

- Chairman, Specialty Board, Anaesthesia and Intensive Care.

CATEGORIES OF STUDENTS

Undergraduate

290 medical undergraduates rotated through the department during the year. All nine students, three of whom were repeaters, who sat the November/December 2003 repeat examinations passed. 95 students sat the May/June 2004. There were eight honours and one distinction. Six students failed.

Graduate

122 residents are registered in the DM Programmes of the Department. There are in 19 DM General surgery, 9 DM Orthopaedics, 8 DM Otolaryngology, 10 Urology, 5 Neurosurgery, 4 Cardiothoracic Surgery, 5 Paediatric Surgery, 5 in Ophthalmology, 14 in Radiology, 21 in Anaesthesia and 22 in Emergency Medicine.

The following students were awarded DM degrees:

Dr Edgar Abbott	–	DM Orthopaedics
Dr Don Gilbert	–	DM Orthopaedics
Dr Phillip Waite	–	DM Orthopaedics
Dr Kenneth Appiah		DM General Surgery
Dr Christopher Valentine		DM General Surgery
Dr Mark Morgan		DM Neurosurgery
Dr George Donaldson		DM Neurosurgery
Dr Janice Miller		DM Emergency Medicine
Dr Garfield Badal		DM Paediatric Surgery
Dr Simone Dundas		DM Paediatric Surgery
Dr Leroy Harrison		DM Urology
Dr Ivor Thompson		DM Anaesthesia
Dr Cynthia Greenidge		DM Anaesthesia
Dr Spencer St. Luce		DM Anaesthesia
Dr Lishaw Ward		DM Anaesthesia

**FACULTY OF PURE AND
APPLIED SCIENCES
MONA**

Year ending July 31, 2004



Professor Ronald E. Young, BSc, MSc *UWI*, PhD *St. And.* – Dean

Dean's Overview

INTRODUCTION

The year 2003-2004 in the Faculty of Pure & Applied Sciences was characterized by signs of great hope and circumstances of great concern. The situation in both sections of the merged Department of Mathematics and Computer Science remains parlous in terms of staffing and degree of organization and stability. Still, there is great potential and signs of hope that will materialize only with care and attention.

The Faculty in responding to the need for maintaining standards established a Faculty Quality Assurance Committee with initial mandate to monitor closely and give feedback on teaching performance. The Faculty is none-the-less cognizant that this mandate must quickly be expanded to include the monitoring of research standards.

There is a clear realization in all sectors of the Faculty, that our plans to improve our position globally as a university of the first order will be attainable only if we are able to raise the financing to achieve this through non-governmental sources and by improving the efficiency and sustainability of our operations. There is optimism that our goals will be achievable, but the map showing the pathways through which we will arrive at our objectives is still only an outline. The importance of activities directed at generating income for the Faculty and the Campus are starkly highlighted. The diploma, certificate and taught Masters programmes tailored to meet market demands, and the Salt Water Tilapia project from the Department of Life Sciences and Mona Institute of Applied Sciences (MIAS) continue to show great promise. The Natural Products Institute (NPI) also shows progress through screening and characterizing products from innovators who wish to procure appropriate toxicological tests and a scientific basis for claims of efficacy of their products, and through innovative value-added processing of traditional products whose export

market share has fallen for various reasons. All departments in the Faculty have embarked upon additional projects aimed at generating income to compensate for the budgetary shortfalls. The problem is that, in most cases, the delivery of effective results will require significant time and some initial investment before any potential gains will be realized. The fear is that the necessary focus on income generating activity, by diverting man power and ingenuity from our core business, may well impair the very cause that it is intended to further - assisting the UWI to enhance its reputation as a first rate teaching and research institution.

HIGHLIGHTS

Based on the forging of a FPAS driven inter-departmental and cross-faculty consortium of groups offering to engage in the development of natural products for national economic advancement, the Faculty, the PIOJ and other collaborators in December 2003 presented to the National Planning Council a proposal for an integrated, broad-based approach to the Commercialization of Medicinal Plants. The Chairman, the Hon. Minister of Finance, conceded that the presentation was the most thorough and comprehensive that he had heard in his association with the Council. Consequent to this, the Campus in March 2004 signed a MoU with the PIOJ to seek funding for the proposal and to govern the subsequent interrelationships.

Through the initiative of Discovery Bay Marine Laboratory (DBML, **Dr. Norman Quinn**) and the NPI (**Dr. Trevor Yee**) the Faculty held discussions with a research team from the University of Mississippi regarding the acquisition of a major grant from the International Cooperative Biodiversity Group (ICBG) to finance the collaborative investigation of coral reef organisms with potential for yielding new drugs. Work has begun, funded by an ICBG Planning Grant and agreements regulating the working relationships are being forged. Qualification for a comprehensive grant is an encouraging prospect.

Through the initiative of the Department of Geography and Geology the Dean held discussions with Dr. Jeremy Collymore of the Caribbean Disaster Emergency Response Agency (CDERA) on Disaster Management in the Faculty. Subsequently, through the mediation of **Dr. Balfour Spence**, grants for work in disaster management have been garnered by members of the Department from CDERA and the Japan International Development Agency (JIDA).

Drs. Alexandra Rodkina, Wen Bin Zhang, Yvette Jackson and Mohammed Bakir were promoted to professorships.

Dr. R. Dunbar Steele who was on a post-retirement contract to steer the salt water Tilapia project and coordinate the Summer School did not seek a further contract. Ms. Patryce Allen also did not seek a renewed contract on termination of her temporary appointments. Several other temporary contracts were not renewed after expiry. Dr. Sasikala Potluri resigned regrettably, for personal reasons.

Professor Tara Dasgupta's Pesticide Research Lab was accorded UNEP designation as a Persistent Organic Pesticide (POP) Analytical Lab. **Professor Ishenkumba Kahwa** received the Gleaner Honour Award in Science & Technology for his work on the Environment and Health, and the Vice Chancellor's award for All-Round Excellence. **Dr. Willard Pinnock** received the Guardian Life Premium Teaching Award for 2003/2004 and the Vice Chancellor's Award for Excellence in Teaching.

The new MSc programme in Plant Production and Protection and the MSc Natural Resource Management specializations in Tropical Ecosystem Management and in Water Resources Management were approved and offered for the first time in 2003/04. The MSc in Computer Science was resuscitated by the Computer Science sub-department in collaboration with the Mona Institute of Applied Science (MIAS) and two new Diploma programmes, a Diploma in Plant Production and a Diploma in Plant Protection, comprising sub-sections of the MSc in Plant Production and Protection, were introduced by the Department of Life Sciences.

At an awards ceremony at the Mona Visitors' Lodge and Conference Centre on January 30, 2004, several members of the Faculty were honoured by the University as outstanding researchers.

Professor Tara Dasgupta of the Department of Chemistry was recognized for the most outstanding research project in the Faculty for his work on *"Mechanisms Involved in the Generation and Reactions of Nitric Oxide."*

Professor Ishenkumba Kahwa, also of the Department of Chemistry, was singled out for having attracted the most research funds for his project on *"National Hazardous Materials and Waste Inventory and Their Management Policy Options."*

Dr Anthony Greenaway's project on "*The Discovery Bay Marine Laboratory Chemical Analytical Facility*" received the award for the most successfully commercialized research project in the Faculty. He, too, is in the Department of Chemistry.

The award for best publication was won by **Dr Michael Taylor** and **Professor Anthony Chen** of the Department of Physics (and a collaborator), for their paper entitled "*Influence of the Tropical Atlantic versus the Tropical Pacific on Caribbean Rainfall.*"

Dr Willem Mulder of the Department of Chemistry (and a collaborator) also won a best publication award for their paper entitled "*Theory of the Salt Effect on Solvatochromic Shifts and Its Potential Application to the Determination of Ground-State and Excited-State Dipole Movements.*"

SYMPOSIA & WORKSHOPS

In November 2003 the Faculty hosted a symposium on *Science & Technology in Economic Development*. Among the speakers were Jamaicans in the diaspora, Professors Trevor Campbell (Claremont Colleges, California) and Reginald Nugent (California State Polytechnic University at Pomona).

The Chemistry Department hosted the 20th Biennial Mona Symposium on Natural Products and Medicinal Chemistry, chaired by **Professor Paul Reese**, on January 5th to 9th. The Symposium drew its usual wide cross-section of participants.

As a part of the Research Day 2004 activities, the Faculty, with the support of the Principal's Office, hosted a conference on *Science, Technology & Innovation* on January 28th to 30th. The conference, chaired by **Professor Ishenkumba Kahwa**, had representatives from China, South America, North America, South Africa, among other countries. The conference was very successful and subsequent articles on the Chemistry Department in the widely-read journal *Chemical Engineering News* drew attention to the excellent work being carried out in that Department.

With the assistance of the Campus, the Faculty through the Department of Life Sciences and the MIAS, in collaboration with the McGuire Centre, University of Florida, held a two day workshop in June, chaired by **Dr. Eric Garraway**, on "*Utilization and Conservation of Jamaica's Fauna: A Case Study of Jamaica's Butterflies.*" Many local organizations were represented including the Ministries of Tourism and Agriculture, TPDCo, NEPA,

JCDT, The Nature Conservancy (Jamaica) and potential investors. It was widely agreed that the ground-work of the Department of Life Sciences in the study of butterflies and moths had been exemplary and that the commercial possibilities were wider than any single group could encompass. The UWI was mandated to co-ordinate the establishment of a Butterfly Farming Working Group to oversee the development of an industry in Jamaica. Follow-up is in progress.

OUTREACH

In November 2003 the Dean along with a team from the Natural History Division of the Institute of Jamaica met with the Minister of Education, Youth and Culture to discuss the parlous state of Science Education in the country and to suggest initiatives which could assist in improving the appreciation of science in the schools and re-invigorating the science competitions. The Minister made several suggestions for follow-up and has suggested that another meeting might be in order. Further correspondence is being prepared.

In November also, the Faculty through the mediation of **Dr. Howard Reid** of the MIAS hosted a group of students from CASE. In May 2004 a group of 9-10 year olds from St. Theresa's Preparatory School toured the Faculty.

In March 2004 the Chemistry Department hosted a 4-day Spectroscopy Workshop for about 400 CAPE students and teachers, under the direction of **Dr. Marvadeen Singh-Wilmot**.

PUBLICATIONS

Compared with 2002/2003, the total staff complement increased by two and refereed publications increased from 98 to 102; per capita output therefore rose to 0.98 compared with 0.96 last year. Non-refereed and conference presentations together again rose this year but only by 17% from 151 last year to 177. Mathematics and Computer Science showed a marked fall partly, perhaps, due to under-reporting. Biotechnology and Life Sciences both rose markedly due to the production of special volumes locally (Biotechnology: 10 articles in an issue of the *Jamaican Journal of Science & Technology* highlighting the work of the Biotechnology Centre) and internationally (Life Sciences: a volume of the prestigious *Bulletin of Marine Science*, edited by Drs Mona and Dale Webber with 18 articles focusing on the work on Kingston Harbour, 14 of which were from Life

Sciences personnel.) A disappointing aspect is that apart from these articles only one other refereed journal article was produced by the Department. The Department of Geography & Geology continues to dominate the teaching departments in output of publications in both refereed (1.4/staff member, down from last year) and non-refereed/conference presentations.

Department	No. Acad. Staff	Refereed Publications	Non-Refereed Publications	Conference Presentations
Biotechnology Centre	5	10+3	—	26
Chemistry 23	30	15	10	
Geography & Geology	8+6	20	4	48
Life Sciences	19	18	1	14
Mathematics & Computer Science	15+8	7	3	5
Physics	14	3 (+1 patent)	2	12
Centre for Marine Sciences	2	6	16	17
Electron Microscopy Unit	2	5	1	1
NPI/MIAS	3	0	0	2
TOTAL:	104	102	42	135

UNDERGRADUATE

In 2003/2004 the Faculty registered a total of 1431 students, an increase of 11.8% over the intake in 2002/2003, when 1280 students were on the register (data supplied by the Student Records System). The Table below shows the number of individual courses and total registrations in these courses. Despite having 24 and 18 courses on the books for 2003/04, Geography and Geology respectively seem to have registered students only in 17 and 14 courses. Thus, only in Mathematics and Geology did the course numbers fall, with increases in Computer Science, Geography and Physics, despite admonitions to reduce undergraduate contact hours. The mean number of students per course rose in all cases except in Computer Science.

UNDERGRADUATE

Department	No of Courses	Total Credits	Enrolment	Mean No./Course	Load/Staff Member
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Chemistry		24	120	1761	73.4	1.0*	5.2†
Geogr/Geology:	Geog	17	72	754	44.4	2.1	9.0
	Geol	14	64	315	22.5	2.3	10.7
Life Sciences		38	164	2036	53.6	2.0	8.6
Math & CompSci:	CSci	15	64	1337	89.1	1.9	8.0
	Math	26	114	1855	71.3	1.7	7.6
Physics		26	120	1015	39.0	1.9	8.6
TOTAL		162	726	9073	56.0	1.8	7.9
*This column shows load as courses/individual. †This column shows load as credits/individual							

In Geology, total registration rose slightly from 305 to 315. With the fall in number of courses offered, the mean number of students per course therefore rose from 18 to 22.5.

Level of Degree	2001/2002		2002/2003		2003/2004	
	N	%	N	%	N	%
First	32	10.9	27	9.4	26	9.5
Upper Second	92	31.4	87	30.4	81	29.6
Lower Second	88	30.1	90	31.5	70	25.5
Pass	32	10.9	37	12.6	35	12.8
Fail	49	16.7	46	16.1	62	22.6
Total Sitting	293	100.0	287	100.0	274	100.0
Total Registered	1224		1280		1280	

Failure rate in the undergraduate final examinations rose from a steady value of about 16% to 22.6%, while the percentage of First Class Honours remained at around the 10% mark. The cause for the rise in failure rate is consistent with complaints that increased intake has been achieved at the expense of a generally lower level of preparedness of the students. A real connection however, has not been demonstrated. A more detailed study of the relationship between entry qualifications and performance will be undertaken.

GRADUATE

In 2003/2004, the Faculty registered a total of 392 graduate students in various programmes, compared with 324 in 2002/2003, an increase of about 21%, with the MSc registrations (up 73%) accounting mostly for the change (excluding MIS students). The total number of research students registered, however, also rose from 242 to 250 (3%). The combined

number of MPhil and PhD (research) students graduating in 2003/04 was just equal to the average of research based students for the two previous years combined suggesting that there is no trend here, despite year-to-year variations.

Graduate

	REGISTERED			GRADUATING		
	2001/02	2002/03	2003/04	2001/02	2002/03	2003/04
MSc	86+56*	82+73	142+73	21+21	23+21	23+28
MPhil	178	181	188	12	14	15
PhD	42	61	62	5	10	5
Total:	306	324	392	38	47	43

*Half the number of MIS students - credited to the FPAS

The Geology sub-department still resists the introduction of taught Graduate level courses and the Department of Chemistry evades the issue of taught MSc programmes. In general, the engagement in Graduate teaching is relatively low (mean Courses/Staff member = 0.74) except in the case of Computer Science, in which there were 2.5 courses per staff member with a mean enrollment of 36 students per course. The skew of graduate to undergraduate teaching effort in the Computer Science sub-department continues to be a matter of concern.

Graduate

Department	No of Courses	Total Credits	Enrolment	Mean No./ Course	Courses/Staff Member
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Chemistry		7	13	199	28.4	0.3†	1.3*
Geogr/Geology:	Geog	12	57	146	12.2	1.5	3.6
	Geol	0	0	0	n/a	n/a	2.3
Life Sciences		14	56	33	2.4	0.74	2.5
Math & CompSci:	CSci	20	68	721	36.1	2.5	4.4
	Math	9	36	14	1.6	0.60	2.3
Physics		6	44	78	13.0	0.42	2.1
TOTAL		68	274	1191	17.5	0.74	3.0
†This column indicates mean number of courses for graduate level only.							
*This column indicates mean number of courses including both graduate and undergraduate levels							

GRANTS

Grants reported to have been brought in from external sources fell by 4% to J\$79,611,415 from last year's J\$ equivalent of \$82,853,845, with the total number of grants falling from 46 to 34.

DEPARTMENT	Internal (J\$eqlt)*	No. Grants	External (J\$eqlt)*	No. Grants
Chemistry	4,069,872	4	17,063,000	9
Geography & Geology	0	0	15,337,000	6
Life Sciences	2,025,500	4	13,328,500	9
Mathematics & Comp Science	308,600	2	0	0
Physics	0	0	302,500	1
Biotechnology Centre	0	0	14,404,415	3
Centre for Marine Sciences	218,000	2	15,425,000	5
NPI/MIAS	2,117,500	1	3,751,000	1
TOTAL:	\$8,739,472.00	13	\$79,611,415.00	34

*Converted at a rate of J\$60.5 to US\$1

Reported Internal grants showed a small decline. The Departments of Life Sciences and the Biotechnology Centre/Biochemistry showed marked improvement in garnering grant money and have to be commended.

CONCLUSION

The Faculty has again enjoyed a fairly vigorous year of activity. Growth, however, has not been as marked as we might have wished in areas such as

publications and in earnings from income generating activities. We have seen slight slippage in certain areas also, such as in the number of grants garnered, and, less so, in the dollar amounts accrued from external sources of funding. We would also like to see greater progress in terms of curriculum reform aimed at increasing the efficiency of delivery of the undergraduate programmes. With the increasing threat to our ability to support graduate research programmes, it is heartening to note that the number of research students registered rose slightly in 2003/04. This will no doubt reverse in the coming years and the critical importance of increasing the number and efficiency of the income generating MSc and related programmes, and using the profits from these to support the research thrust, will become increasingly clear.

DEPARTMENT OF CHEMISTRY

**Professor Ishenkumba A. Kahwa, BSc (Hons), MSc (*Dar es Salaam*),
DPhil (*Louisiana State*) – Head of Department**



Having outlined in the previous year the direction in which the Head of the Department, Professor Ishenkumba Kahwa intended to lead the Department, the 2003-2004 academic started out with a clear sense of direction especially in light of the fact that there were not many changes to the staff complement. And so, the Department continued to carry out its mandate in keeping with its strategic mission and to ensure that the goals and objectives are achieved.

UWI-Mona Policy Conference on Science, Technology and Innovation

The Department played a key role in hosting on behalf of the Faculty of Pure and Applied Sciences and the Principal's Office the UWI Mona Policy Conference on Science Technology and Innovation, which was coordinated by Professor Kahwa and was held in January 2004. The conference was attended by delegates from China, South Africa, government science and technology agencies in the Caribbean, CARICOM, UNESCO, USA and the UN University. It examined the complex issues of science, technology and innovation policy formulation, articulation and implementation in developing countries.

International Exposure for UWI's Chemistry

Following on an invitation from Prof. Kahwa, the prestigious American Chemical Society's weekly magazine, *Chemical and Engineering News*, sent its Associate Editor, Amanda Yarnell, to participate in the January 2004, UWI Mona Policy Conference on Science, Technology and Innovation and to research a story on chemistry and chemical engineering in the Caribbean. Ms Yarnell subsequently visited the St. Augustine and Cave Hill campuses in February and May 2004 respectively and wrote a series of

five articles focusing on chemistry in the Caribbean. The five stories were published under the broad heading “MORE THAN JUST SUN AND SAND” and covered sub-titles: 1) Chemistry at the Caribbean’s University of the West Indies is thriving despite funding struggles, 2) Home Field Advantage (a story on UWI’s natural products research programmes), 3) Outsourcing –Foreign Pharma Firm’s Caribbean Research Outpost are a Boon to UWI; and for the Web version of the magazine, 4) Turf Science (a story on science in the cricket game) and 5) Women in Science (covering staff and student genders at UWI). The articles were published in *Chemical and Engineering News* 82(23) 31, (2004) and with free access (courtesy of the publisher) on the Web: <http://pubs.acs.org/cen/science/8223/8223sci1.html>. The story was very well received by the national, UWI regional and international communities and brought valuable international exposure to the UWI. Our alumni were particularly touched by the positive tone, detailed coverage of key developments in UWI’s chemistry programme and the dynamic and bright image that the articles portrayed. The international UWI alumni found them comforting in their efforts to raise funds for the UWI.

Designation of Pesticide Laboratory by UNEP

The Pesticide Research Laboratory, established in the Department by Prof. Tara Dasgupta in the 1990s, achieved international recognition, following its designation by the United Nations Environmental Programme (UNEP) as a Persistent Organic Pollutants (POPs) Analytical Laboratory. The laboratory will be among a network of distinguished facilities around the world which monitor a wide range of POPs. Prof. Tara Dasgupta and his team had undertaken the necessary training and instituted the requisite procedures for the laboratory to qualify for the UNEP designation.

20th Mona Symposium on Natural Products and Medicinal Chemistry

The hosting of the Twentieth Mona Symposium on Natural Products and Medicinal Chemistry from January 5-8, 2004 was attended by over eighty participants, thirty six of whom came from the United States, Canada, the United Kingdom, Japan, Barbados and Trinidad & Tobago. There were ten plenary lectures, thirteen short papers and twenty one poster presentations. The oral contributions focused on the areas of organic synthesis, microbial chemistry and genetics, natural product isolation, biological activity, and NMR spectroscopy.

Closer Cooperation within UWI's Chemistry Departments

During the second semester the Heads of Chemistry Departments of UWI's three campuses met to review the Undergraduate and Postgraduate programmes in Chemistry and explore areas of closer cooperation. A subsequent meeting was held in Antigua and included all three HODs, along with Professor Yvette Jackson and Dr. Willard Pinnock from Mona, Professor Dyer Narinesingh from St. Augustine and Dr. Terry Meeks from Cave Hill campus. The aim of the meeting was to address the proposed curriculum reform which would see all three Departments moving toward having the same or similar core degree programme by 2005. A tri-campus core undergraduate curriculum reform proposal was developed and is being discussed at the three campuses.

Programme Proposal in Occupational and Environmental Safety and Health (OESH)

In an effort to address the shortage of regional capacity for dealing with issues of occupational and environmental safety and health (OESH), especially in view of the impending occupational safety and health legislation, the Department (Prof. Kahwa) has teamed up with the Labour Studies Programme (Mona School of Business)(Prof. Neville Ying) and the Department of Community Health and Psychiatry (Mr. Milton Pinnock) to develop and mount general interest, undergraduate and postgraduate courses in these areas. The project is supported by the Environmental Foundation of Jamaica (EFJ) which provided J\$1,392,000 and J\$2,000,000 to develop the programmes and set up laboratories respectively. The team members were drawn from relevant UWI Departments as well as environmental, public and private sectors.

Student Enrolment

The Department saw a marked improvement in the intake of undergraduate students with an increase of about 12.5% over the previous year and, as for the previous year, a total of twelve new graduate students were enrolled.

TOTAL STUDENT ENROLMENT IN CHEMISTRY COURSES

LEVEL	2001/2002	2002/2003	2003/2004
Preliminary	296	332	397
Introductory	406	496	533
Advanced	751	725	845

Postgraduate (Research students)			Full-time-45 Part-time-10
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STAFF MATTERS

Dr. Winklet Gallimore joined the staff as Lecturer in Organic Chemistry. **Dr. Sujit Dutta** from the University of Burdwan, India took up a two year Research Fellowship to work on Nitrovasodilators with Professor Tara Dasgupta while **Mrs. Jane Arimah**, Research Fellow from the University of Botswana and **Elva Clarke** (Research Assistant) joined the Department to work with Professor Kahwa on the national Hazardous Materials and Waste Inventory and Management Policies Project sponsored by the Environmental Foundation of Jamaica.

One staff member, **Dr. Novelette Sadler-McKnight** was on Sabbatical Leave while **Mr. David Mullings**, Assistant Storekeeper resigned his post.

There were five staff members from the Mona Administrative and Technical Staff who were enrolled in part time undergraduate and postgraduate studies.

On September 25, 2003 the Department mourned the passing of **Mr. Lincoln Edwards**, our Gardener who worked in the Department for over six years and a total of fourteen years with the University.

Achievements, Promotions and Awards

This year, two members of staff, **Dr. Mohammed Bakir** and **Dr. Yvette Jackson** were promoted to professors. **Professor Kahwa** was awarded the 2003 Gleaner Honour Award in the Category of Science and Technology for application of his science to areas such as the environment and health. He was also the recipient of the Vice Chancellor's Award for All Round performance in Research and Accomplishments and for his contribution to Public Service.

Dr. Willard Pinnock secured a J\$3.74 grant from the Environmental Foundation of Jamaica (EFJ) for a project on Air Quality in Kingston and a UWI Research Fellowship for his work in that field. Dr. Pinnock was also awarded the Vice Chancellor's award for Teaching and he also received the coveted "UWI/Guardian Life Premium Teaching Award" for 2003/2004. Five staff members from the Department were recipients of awards at the Annual UWI Research Day. They include, **Dr. Willem Mulder** for *Best Publication* in the Faculty; **Professor Tara Dasgupta** for

Top Researcher/Research Activity in the Faculty; **Professor Kahwa** for the *Project which attracted the most funding* in the Faculty and **Dr. Greenaway** on winning the Faculty's *Most Successfully Commercialized Research Project*.

Outreach and Public Service

The Department hosted the CAPE Workshop from March 9-12, 2004 and attracted over four hundred sixth form students from several high schools across the island. The students were exposed to *Spectroscopic Methods of Analysis, UV/Visible, Atomic Absorption, Infrared, Mass Spectrometry and Nuclear Magnetic Resonance*. The Workshops were coordinated by Dr. Marvadeen Singh-Wilmot and was ably assisted by Professor Paul Reese, Prof. Robert Lancashire, Dr. Dwight Ramdon, Dr. Danielle Aquart, Dr. Sandra Jarrett, Dr. Norman Townsend and Mr. Paul Clare, a graduate student.

In an effort to expose and stimulate interests in young science students the Department conducted a tour on October 8, 2003 of the Campion College Science Club for them to get first hand knowledge of the operations of our Laser Lab, the Liquid Nitrogen Plant, the Glassblower and the Chemical Crystallography Lab. In addition, arrangements were made for them to visit the Tanaud International Lab where chemical principles and techniques are employed to develop new drugs.

The Yallahs High School in St. Thomas was very pleased to have had Dr. Paul Maragh, Lecturer in the Department participate in their school's Career Week–November 24-27, 2003 entitled 'Career-An Essential of Life'. Dr. Maragh made a presentation on '*Career Opportunities in Chemistry*'.

STUDENT MATTERS

Undergraduate Awards

Congratulations were extended to Miss Ainka Brown for winning the 2003 Gleaner Award in Education. Ms. Brown obtained a First Class Honours degree in Chemistry and she was the Valedictorian at her graduation.

A total of seven undergraduate students from the Department received awards ranging from \$10,000 to \$60,000 for their academic achievements in Chemistry.

Postgraduates

Two graduate students completed their Doctor of Philosophy degrees, namely **Seon Hepburn** and **Kerry-Ann Bartley-Hynes** while **Madeen Roberts-Miller**, **Sharonmae Shirley** and **Gillian Guthrie** completed their Master of Philosophy.

RESEARCH GRANTS

Dr. Winklet Gallimore received a grant of US\$23,000.00 from the UWI New Initiative Fund for her project on *‘Investigation of marine organisms in Jamaican waters for bioactive metabolites’*.

Dr. Anthony Greenaway received a total of J\$938,208 from a variety of industries and business establishments in support of the applied chemistry undergraduate summer placement programme.

Professor Yvette Jackson received:

- i) £1200.00 from the Royal Society of Chemistry for research in *‘Synthesis of Az-a-and Diazarotenoids’*
- ii) US\$37,500.00 from UWI Office of Planning & Institutional Research for Synthesis of Azarotenoids – *‘Novel Nitrogen Analogues of Insecticidal, antiviral and Anticancer Agents’*.

Dr. Sandra Jarrett received **US\$ 2,420.89** from Research and Publications in support of her project, *“Synthesis of 2 Amino-4-Vinyl thiazoles, A route to Benzothiazoles and other Fused Ring Systems”*.

Professor Ishenkumba Kahwa received:

- i) **J\$2,000,000** from the Environmental Foundation of Jamaica in support of the project *‘Start-up Funding for Undergraduate and Postgraduate Programmes in Occupational and Environmental Safety and Health (OESH) at UWT’*.
- ii) Research and Publications – **US\$3,798** in support of his team’s work on ‘Lanthanide materials-syntheses, structure and luminescence behaviour’.

Professor Robert Lancashire received **US\$20,000** from MDL Information Inc. in support of their project on spectroscopic software

Dr. Willard Pinnock received **J\$3,736,090** from the Environmental Foundation of Jamaica in support of his work on Development of sustainable air pollution monitors Programme.

Dr. Novelette Sadler-McKnight earned the Department J\$835,366.00 from outreach activities.

OTHER EARNINGS

Other earnings amounted to approximately **J\$8,335,000**

RESEARCH IN PROGRESS

Bakir, M.

- Development of poly-pyridyl-like molecular sensors

Coley, M.

- Characteristics of bauxite that affect alumina extraction efficiencies under low temperature digestion conditions (with Dr. A.M. Greenaway)
- Hydrothermal synthesis of Boehmite and γ -Alumina nano-materials from bauxite waste liquor.

Dasgupta, T. P.

- Inorganic Reaction Mechanisms
- Nitric oxide releasing compounds and their bioefficacies.
- Degradation and fate of pesticides and their metabolites
- Acrylamide in food and mechanism of its formation in living system
- MTBE and other volatile organic compounds in the environment

Ellis, H.A.

- Structural, Microscopic and DSC studies of lead (II), zinc (II) and lithium carboxylates

Gallimore, W.

- Investigation of Marine Organisms in Jamaican Waters for Bioactive Metabolites
- Isolation of pure compounds from marine algal species

Greenaway, A. M.

- Nutrient pollution in Jamaican coastal waters.
- Nitrogen and phosphorus concentrations in ground and surface waters and their fluxes to the coastal zone.
- Alumina extraction efficiencies in the Bayer process (the process to extract alumina from bauxites).

Jackson, Y.

- Synthesis and chemistry of some biologically active heterocyclic compounds and their analogues.

Jacobs, H.

- Natural products from selected species of the endemic Jamaican flora.

Jarrett, S.

- The synthesis of 2-Amino-4-vinylthiazoles, a route to benzothiazoles and other Fused Ring systems
- The Synthesis of an Aryl Analogue of Curacin A
- The Synthesis of Conformationally Restricted Analogues of the Hypotensive Agent Caracasanamide.

Kahwa, I.

- Syntheses, structure and luminescence spectroscopy of rare earth nanoclusters, their interactions with quantum dots, potential applications in diagnostic and therapeutic biomedicine and catalysis.
- Asbestos usage and pollution in Jamaica/Caribbean: Public, occupational and environmental health impact and policy lessons.
- Science-technology-development policy.

Lancashire, R.J.

- Chemical applications of the Internet.
- The JCAMP-DX spectroscopic data format and distribution of scientific data via the WWW.

Maragh, P.

- Electron transfer reactions with di-nuclear iron (III) cyano-bridged complex with sulfite, ascorbic acid and other reducing agents.
- Synthesis and structure determination of sulfite-chromium (III) macrocyclic complexes.
- Studies on extent of pollution by the gasoline additive, Methyl *Tertiary* Butyl Ether (MTBE) in Ground-water and Soil
- Determination of the levels of Acrylamide (possible carcinogen) in Jamaican Foods.

Minott-Kates D.

- Changes of hypoglycin content in ackee during maturation and with different ackee varieties.
- Comparison of the nutritional and anti-nutritional components of several transgenic papaya lines with a non-transgenic variety.
- Chemistry of the water from different varieties of coconuts grown in Jamaica and determination of the factors affecting the production of pigments in processed coconut water.

Pinnock, W.R.

- Measurements of air pollution in the Kingston atmosphere, conducted at 10 sites around the City using passive monitors developed in the Department of Chemistry.
- Usefulness of red mud in Portland cement concrete building materials.

Porter, R.

- Investigation, characterisation and identification of secondary metabolites from several folklore medicinal plants.
- Extraction and characterisation of constituents of essential oils from local aromatic plants.

Reese, P.

- Medicinal Plants. Plants, mainly from the Labiatae, Scrophulariaceae and Capparaceae families, are being examined to isolate and characterise the major natural products.
- Microbial transformations. Natural products of agricultural and pharmaceutical interest are structurally modified by selected strains of fungi in an effort to produce a range of new analogues with enhanced bioactivity.

Sadler-McKnight, N.

- Heterogeneous Electron Transfer Rates of polypyridyl ruthenium(II) complexes.
- Electron Transfer reactions of dinuclear molybdenum (V) complexes.

Singh-Wilmot, M.

- Novel Lanthanide(III) based dendritic nano-devices: syntheses, characterisation and luminescence spectroscopy and decay dynamics

PAPER PRESENTED

- **Mohammed Bakir**, ‘The development of poly-pyridyl-like molecular sensors’, Western Carolina University, Cullowhee, NC, April 20, 2003.
- ‘The development of poly-pyridyl-like molecular sensors’, Tuskegee University, Tuskegee, AL, June 9, 2003.
- ‘The development of poly-pyridyl-like molecular sensors’, Prairie View A & M University, Prairie View, TX, June 23, 2003.
- “Chemistry Forum-Reform of the Chemistry Program at Valdosta State University”, Valdosta, Georgia, April 24, 2004.
- “Synthesis, spectroscopic and structural properties of metal compounds of polypyridyl-like hydrazones” 228th National ACS-meeting, Philadelphia, PA, USA, August 26, 2004.

Professor R. Lancashire

- “Data Visualisation” ANALYTICAL LABORATORY INFORMATICS, 23-24 June 2004 at the Sheraton Hotel Conference Centre, Bristol University, Heathrow Airport, London, UK.
- “Interactive Web Page Development with CHIME and JAVA” at the Department of Chemistry, Bristol University, UK, in July 2003.

Dr. Paul Maragh

- Synthesis and Characterization of Some Novel Tetranuclear Copper(II) Complexes Derived from Salicylaldimine-based Ligands.
- Synthesis and Characterization of Some Oxo-Vanadium(V) Complexes Involving Salicylaldimine-based Ligands. Attempts at Preparing Insulin Mimicking Compounds. 226th National meeting of the American Chemical Society, New York, NY August 2003.

Dr. Donna Minott-Kates

- ‘Transgenic *Carica papaya* L. resistant to *Papaya Ringspot Virus* in Jamaica: Development and safety assessment.’ Institute of Food Technologists Conference in Las Vegas, USA, July 2004

Professor P. Reese

- ‘Fungal Transformation of some Terpenes and Steroids’ 20th Conference on Isoprenoids, at Liberec, Czech Republic, September 12-18, 2003.

PUBLICATIONS

Refereed

- * **M. Bakir** and O. Brown, “X-ray crystallographic and optosensing studies of di-2-pyridyl ketone *p*-nitrophenylhydrazone (dpknph) in dimethylsulfoxide (dmso)’, *Journal of Molecular Structure* **2002**, 641, 183.

- * **M. Bakir** and C. Gyles, “Structural, Electrochemical and Optical Properties of di-2-pyridyl ketone furoic acid hydrazone”, *Journal of Molecular Structure* **2003**, 649, 133.
- * **M. Bakir** and C. Gyles, “Optosensing Behavior of the first Ru(II)-compound of di-2-pyridylketone-*p*-nitrophenylhydrazone (dpknph), [Ru(bipy)₂(dpknph)]Cl₂, Towards Group 12 Metal Ions“ *Spectrochimica Acta*, Part A: Mol. & Biomol. Spectroscopy, **2003**, 59, 2123.
- * **M. Bakir** and O. Brown, “The Synthesis, Structure and Physical Properties on the First Rhenium Compound of di-2-pyridylketone benzoylhydrazone (dpkbz) *fac*-Re(CO)₃(dpkbh)Cl”, *Inorganica Chimica Acta* **2003**, 353, 89.
- * **M. Bakir, I. Hassan**, and O. Green “Manganese Carbonyl Compound of N,N-bidentate di-2-pyridylketone (dpk) and N,O,N-tridentate hydroxybis(2-pyridyl)methanolato (dpkO,OH)”, *Journal of Molecular Structure* **2003**, 657, 75.
- * **M. Bakir**, O. Green, C. Gyles, B. Mangaroo and **R. Porter** “Nuclear Magnetic Resonance and Optosensing Behavior of di-2-thienyl ketone *p*-nitrophenylhydrazone” *Talanta* **2004**, 62, 781-789.
- * **M. Bakir, I. Hassan**, C. Gyles, O. Green, O. Brown and T. Johnson, “X-ray crystallographic, electrochemical and spectroscopic properties of 2-pyridinio 2-pyridyl ketone phenyl hydrazone chloride hydrate” *Journal Molecular Structure* **2004**, 688, 245.
- * **M. Bakir**, O. Brown and T. Johnson ‘X-ray crystallographic, spectroscopic and molecular sensing properties of *fac*-tricarbonylchloro(di-2-pyridylketonebenzoylhydrazone)rhenium(I) dimethylformamide solvate’, *Journal Molecular Structure* **2004**, 691, 256.
- * **M. Bakir, I. Hassan**, T. Johnson, O. Brown, , O. Green, C. Gyles and **M. Coley** X-ray crystallographic, electrochemical and spectroscopic properties of 2-pyridinio 2-pyridyl ketone phenyl hydrazone chloride hydrate, *Journal of Molecular Structure* **2004** 688, 213.

- * **T. P. Dasgupta** with *D. Aquart* Dynamics of interaction of vitamin C with some potent nitrovasodilators, S-Nitroso-N-Acetyl-D, L-Penicillamine (SNAP) and S-nitrosocaptopril (SNOCAP) in Aqueous Solution. *Biophysical Chemistry* **2004**, 107, 117.
- * **T. P. Dasgupta**, *D. Ragoobirsingh* and *D. McGrowder* The effect of captopril on Blood Glucose, Plasma Insulin and Blood Pressure via a nitric oxide Independent Mechanism in an Animal Model. *Diabetologia Croatica* **2003**, 32, 3.
- * C. K. Riley, A. O. Wheatley, **I. Hassan**, M. H. Ahmad, E. Y. St. A. Morrison, H. N. Asemota Starch, 2004, **56**(2), 69. In vitro Digestibility of Raw Starches Extracted from five Yam (*Dioscorea* spp.) Species Grown in Jamaica
- * S.M. Anatao, **I Hassan**, J B Parise. The structure of danalite at high temperature obtained from synchrotron radiation and Rietveld refinements. *Canadian Mineralogist*, 2003; 41(6)
- * **I Hassan**, S M Antao, J B Parise. Sodalite: High-temperature structures obtained from synchrotron radiation and Rietveld refinements. *American Mineralogist*, 2004; 89 (2-3)
- * S.M. Anatao, **I Hassan**, J B Parise. Tugtupite: High-temperature structures obtained from in situ synchrotron diffraction and Rietveld refinements. *American Mineralogist*, 2004; 89 (4)
- * S.M. Anatao, **I Hassan**, J B Parise. Chromate aluminate sodalite, $\text{Ca}_8(\text{Al}_{12}\text{O}_{24})(\text{CrO}_4)_2$: phase transitions and high-temperature structural evolution of the cubic phase. *Canadian Mineralogist*, 2004; 89(4)
- * N.O. Townsend and **Y. A. Jackson**, Synthesis of 9-methyl-1H-[1,4]thiazino-[3,2-g]quinoline-2,5,10-(3H)-trione, the B,C,D ring core of the shermilamine alkaloids, *Organic and Biomolecular Chemistry* **2003**, 1, 3557.
- * R. U. Richards-Johnson, A. J. Lough and **I. A. Kahwa** *Acta Crystallographica* 2003, E59, m1022. [Aqua(N, N', N'', N''')-tetrakis(2-hydroxyethyl)-1,4,7,10-tetrazacyclododecane]neodymium(III)] perchlorate monohydrate

- * **I.A. Kahwa**, *Science* **2003**, 302, 1677. Developing World Science Strategies
- * M. Bakir, S. A. Clarke, I. Hassan, **R. J. Lancashire** and M. Singh-Wilmot, *trans*-Bis(glycinato- k^2N,O)copper(II) 4-bromophenol solvate *Acta Crystallographica* **2004**, E60, m868.
- * **W.H. Mulder**, Effect of medium relaxation on the acidity constants of electronically excited states obtained by the Förster cycle method, *Journal of Photochemistry and Photobiology A: Chemistry* **2003**, 161, 21.
- * K.J. Donald, **W.H. Mulder** and L. v. Szentpály, Success and failure of polarized-ion models: Bending and atomization energy of groups 2 and 12 dihalides. *Journal of Chemical Physics* **2003**, 119, 5423.
- * K.J. Donald, **W.H. Mulder** and L.v. Szentpály, Valence-state atoms in molecules. 7. Influence of polarization and bond-charge on spectroscopic constants of diatomic molecules. *Journal of Physical Chemistry A* **2004**, 108, 595.
- * **W.M. Mulder**, J. J. Calvente and R. Andreu, The electrocapillary effect at an electrode modified with an insoluble redox-active self-assembled monolayer. *Langmuir* **2004**, **20**, 869.
- * S. M. Antao, **W. H. Mulder**, **I. Hassan**, W.A. Crichton and J.B. Parise Cation disorder in dolomite, $CaMg (CO_3)_2$, and its influence on the aragonite + magnesite = dolomite reaction boundary, *American Mineralogist* **2004**, 89, 1142.
- * L.A.D. Williams, E. Vasques, W. Reid, **R. Porter** and W. Kraus Biological activity of a leaf surface extrudes extract of *Cleome viscosa* (Capparaceae), *Naturwissenschaften* **2003**, 90 (10) , 468.
- * **D. C. Ramdon**, D. A. Dixon, **T. P. Dasgupta** Kinetics and mechanisms of the reduction of chromium(VI) by 2-mercaptoethanesulfonic acid in aqueous solution: difference in the mechanistic process of reduction with noncarboxylate thiols, *Inorganic Reaction Mechanisms* **2003** (5), 47.
- * D.O. Collins, W.F. Reynolds and **P.B. Reese** New Cembranes from *Cleome spinosa*., *Journal of Natural Products* **2004**, 67, 179.

- * G.D.A. Martin, W.F. Reynolds and **P.B. Reese** Investigation of the importance of the C-2 oxygen function in the transformation of stemodin analogues by *Rhizopus oryzae* ATCC 11145., *Phytochemistry* **2004**, 65, 701.
- * P.L.D. Ruddock, D.J. Williams and **P.B. Reese** The reactions of palladium(II), thallium(III) and lead(IV) trifluoroacetates with 3 β -acetoxyandrost-5-en-17-one; crystal structure of the first trifluoroacetate bridged 5,6,7- π -allyl steroid palladium dimer, *Steroids* **2004**, 69, 193.

PUBLIC SERVICE

Professor T. Dasgupta:

- Chief Editor, Jamaican *Journal of Science and Technology*
- Director, Mona Institute of Applied Sciences
- Executive Member, Natural Product Institute
- Member, BSJ Committee for designing Metrology Building
- Member, National Agricultural Health and Food Safety Coordinating Committee
- Member, Board of Editors, Inorganic Reaction Mechanisms.
- External Examiner, University of Guyana.
- Referee for *Inorganic Chemistry*, *Dalton Transaction*, *International Journal for Chemical Kinetics*, *West Indian Journal of Engineering*

Dr. W. Gallimore

- Member, Planning Committee, 18th Conference on Science and Technology

Dr. A. Greenaway:

- Member, National Ozone Commission
- Associate, Centre for Marine Sciences

Professor Y. Jackson

- Consultant, Tanaud International
- Regional Editor, MOLECULES

- Foreign Research Mentor for the Minority International Research Training Programme, Barry University, Florida
- Member, Board of Governors, Hampton High School, St. Elizabeth

Professor H. Jacobs:

- Member, Project Steering Committee for Enabling Activities for Jamaica to Develop and implement the National Implementation Plan for the Persistent Organic Pollutants (POPs) Convention

Professor I. A. Kahwa:

- Referee for: *J. Chemical Education, Inorganica Chimica Acta, New J. of Chemistry, Thermochimica Acta, Inorganic Chemistry, Photochemistry and Photobiology, West Indian J. Engineering and J. Coordination Chemistry.*
- Organiser, UWI Mona Policy Conference on Science, Technology and Innovation
- Member, Mathematics Review Committee
- Member, Board of Directors, International Centre for Environmental and Nuclear Sciences
- Member, Quality Review Teams for Chemistry at UWI St. Augustine Campus and Cave Hill Campuses
- Consultant, Asbestos abatement and management for several agencies

Professor R. Lancashire:

- University Representative, Board of the Jamaica Computer Society Education Foundation
- Executive Member, Jamaica Society of Scientists and Technologists
- Leader of IUPAC Task Group on EMR data structures

Dr. P. Maragh:

- Faculty Representatives, FPAS on WIGUT Executive

- Member, National Industrial Safety Committee, Bureau of Standards
- Member, Museums Advisory Board, Institute of Jamaica
- Treasurer, National Council for Indian Culture in Jamaica.

Dr. D. Minott-Kates:

- Member, Jamaica Bureau of Standards Coconut Water Technical Committee
- Member, Agro-Processing Resource Network
- Member, Scientific Research Council Board's Sub-Committee for the Food Technology Institute
- Member, National Agricultural Health and Food Safety Coordinating Committee
- President, WIGUT (Jamaica)
- Director, Better Process Control School
- Member, Advisory Board – Guiding Light
- Member, FRIENDS – Jamaica AIDS Support

Dr. W. Pinnock:

- Member, National Radiation Safety Council, Ministry of Health, Government of Jamaica.
- Member, Steering Committee for Food Irradiation, National Commission of Science and Technology, Office of the Prime Minister

Dr. R. Porter

- Member, Bureau of Standards Propane-Butane technical committee

Dr. D. Ramdon

- Member, Organizing Committee for Caribbean Advanced Proficiency (CAPE) Workshop 2003-2004.

Professor P. Reese

- Member, Equine Drug Testing Committee

- Member, Product Research & Development Committee, Scientific Research Council.
- Vice President, WIGUT (Jamaica)
- Member, Sabbatical Committee
- Member, Car, House and Consumption Loans Committee
- Member, “New Initiatives” Subcommittee, chaired by Prof. F. Hickling
- Reviewer for *“Journal of Natural Products”* and *“Phytochemistry”*
- Organising Secretary, Mona Symposium: Natural Products & Medicinal Chemistry.

Dr. N. Sadler-McKnight,

- Member, Natural Resources Conservation Authority.
- Member, Technical and Finance Committee, Scientific Research Council
- Council member, Jamaica Society for Scientists and Technologists (JSST).
- Executive Secretary, Alumni and Friends of the Department of Chemistry, UWI, Mona (CHEMSAF).

Dr. M. Singh-Wilmot

- Member, Organizing Committee for Caribbean Advanced Proficiency (CAPE) Workshop 2003-2004.

DEPARTMENT OF GEOGRAPHY AND GEOLOGY

**Professor Elizabeth Thomas-Hope, MA (*Aberdeen*), MS (*Penn State*),
DPhil (*Oxon*) – Head of Department**



WORK OF THE DEPARTMENT

The Department implemented changes to its course offerings in both Geography and Geology which had been approved by AQAC at the end of the 2002/2003 academic year. These changes were designed to rationalize and streamline existing courses, in some cases merging Geography and Geology courses deemed to have some amount of overlap in their syllabi. At the end of the 2003/2004 academic year, more changes to the Geology undergraduate programme had been approved.

The first group of 14 teachers enrolled in the Geography specialism of the new BEd Secondary (Distance) Programme funded by the Ministry of Education registered for the two first-year Geography courses, one in each semester. They were 'taught' by distance mode and sat the final examinations in these courses in December and in April, respectively, and spent two weeks in July 2004 completing the coursework component of these courses on campus.

Two postgraduate students, Sherene James (Geology) and Karen Thomas (Geography), spent the year at the University of Liverpool in the United Kingdom as recipients of Commonwealth Split-Site Awards.

Eighteen students graduated in November 2003 with the MSc degree in Integrated Urban and Rural Environmental Management. In the current year 14 students are registered in this programme, which is coordinated by **Professor Elizabeth Thomas-Hope** in the Environmental Management Unit.

The inaugural mounting of the MSc in Water Resources Management, which was run by **Professor Jasminko Karanjac**, attracted eleven students.

Fourteen students, including five from Appalachia State University (USA), registered for the summer course GL30D: Analysis and Management of Natural Hazards and Risks, which was once again run by **Mr Rafi Ahmad**.

In July the Department welcomed Professor William Gould, University of Liverpool, who came as external examiner for Corin Bailey's Geography PhD thesis. As undergraduate external examiner for Human Geography, Professor Gould also reviewed examination scripts from the Semester 2 examinations, and held very useful discussions with staff.

The Marine Geology Unit, headed by **Professor Emeritus Edward Robinson**, commenced work on two projects funded by the Environmental Foundation of Jamaica. The first, funded to the extent of J\$120,000, to examine offshore deposits of sand on the south coast shelf of Jamaica, for potential commercial exploitation, was completed in March 2004 and a report was submitted to the funding agency.

The second, a two-year study of beach erosion and other coastal changes in relation to hazards in selected coastal communities in Jamaica, began in March 2004, under the management of Professor Robinson. Funding for this project was J\$5.9 million.

A one-year project to examine the sediment budget of the Rio Grande watershed and its effect on the beach sediments at St Margaret's Bay, Portland, received funding of US\$24,000 from NEPA-USAID through Associates in Rural Development as a part of the Ridge to Reef Watershed Project. This project, a follow-up to work carried out last year, commenced in February 2004 and has been assisted by the acquisition of computer equipment from USAID. The co-chief investigators are **Professor Emeritus Edward Robinson** and **Dr David Miller**.

The Sedimentary Basin Resource Assessment (SEBRA) Project, directed by **Dr Simon Mitchell**, and supported by a grant from the Environmental Foundation of Jamaica, entered its third year. Some of the results obtained were presented at the Quarries Seminar in December 2003.

Dr Thomas Stemann, with principal investigator Dr S.K. Donovan (Nationaal Natuurhistorisch Museum, Leiden, The Netherlands) and Dr R. Portell (Florida Museum of Natural History, Gainesville, Florida),

worked on “The Pliocene reefs of Jamaica: implications for biodiversity and faunal turnover,” focusing on the Hopegate Formation, Jamaica, under a National Geographic Society grant.

Dr Stemann also worked with principal investigator Dr Daryl Domning (Howard University, USA) on “The dawn of land and sea mammals in the West Indies: Seven Rivers, Jamaica” under another National Geographic Society grant.

Dr Balfour Spence continues to represent UWI on the Caribbean Disaster Management (CADM) Project, an initiative of the Caribbean Disaster Emergency Response Agency (CDERA) and the Japan International Development Agency (JICA). Through this project the Department has secured equipment valued at close to US\$80,000 for use in the development of its programme in disaster management. Dr Spence has overall responsibility for community disaster management planning in the project.

Dr Spence received two research grants from the Japan International Cooperation Agency through CDERA. The grants are for conducting research on the relationship among disaster, development and poverty, and on the behaviour of residents of flood-prone areas during flood events. The research is being conducted in collaboration with **Dr Faisal Butt**.

Dr T. Katada of Gumma University, Japan, has been assigned as a JICA short-term education expert to the Department to collaborate with **Dr Spence** in drafting the programme content for a proposed MSc in Disaster Management to be offered by the Department.

The Department was grateful for the donation of two sets of journals, which will be placed in the University Library. A full set of the *Journal of Biogeography*, from the personal collection of the late Dr David Watts, Department of Geography, University of Hull, was donated to the Department by his widow. Professor Colin Clarke, of the School of Geography and the Environment, University of Oxford, donated the following sets of journals: *Geography* (from 1957), *Transactions, Institute of British Geographers* (from 1960), *Area* (from 1965), *Latin American Research Review* (from 1990), and *Bulletin of Latin American Research* (from 1967). Professor Clarke has also undertaken to keep these journals up to date annually.

The Department continued to administer the Earthquake Unit, the Unit for Disaster Studies, and the Environmental Management Unit.

RESEARCH IN PROGRESS

Dr Benedict Arimah

- Infrastructure spending in cities of developing countries.

Professor Wilma Bailey

- The impact of user fees for preventive care services on health-seeking and coping behaviour in Jamaica (IDRC-funded).
- The effect of the HIV/AIDS epidemic on the education sector in Jamaica (UNESCO-funded).

Dr David Barker

- Alternatives to the traditional yam stick method of staking yams.

Dr Faisal Butt

- Modelling groundwater flow in the alluvial aquifer of the lower Yallahs basin, St Thomas, Jamaica.

Professor Trevor Jackson

- Mineralogy of the black sands of the south coast of Jamaica.
- Pumice deposits in St Lucia and Dominica.
- Heavy mineral analysis of the Grand Bay Formation, Carriacou, Grenadines.
- Petrology of the pre-Soufrière volcanic rocks of St Vincent.
- Geochemistry of the Miocene bentonites of Jamaica.
- Petrology of the volcanic rocks of Antigua.

Dr Susan Mains

- Diaspora and transnationalism in relation to Caribbean identities and Jamaican migration in New York, London, Toronto and Kingston.

- Media images of undocumented immigration at the US-Mexico border.
- A documentary film on “Ackees, burgers, and chips: an ABC of Jamaican migration.”
- A book manuscript on “Travelling home: diaspora dreams and stories of Jamaican migration.”
- The role of monuments, cultural heritage, and public spaces in Jamaica.
- A short documentary film on “Site unseen: Kingston as border city.”

Dr Simon Mitchell

- Sedimentology of Recent carbonate beach sediments in Jamaica.
- Lithostratigraphy and sedimentology of the Yellow Limestone Group, Jamaica.
- Lithostratigraphy and palaeogeography of the White Limestone Group, Jamaica.
- Sedimentology and palaeontology of the Red Chalk (with Dr C.J. Underwood, Birkbeck University, UK).
- Geology and stratigraphy of the Central Inlier, Jamaica.
- Sustainable development of sand mining and sediment budgets in Jamaican rivers (SEBRA Project).
- Palaeokarst in Jamaica (with Dr David Miller).
- Origins of sea cows (with Dr D. Domning, Howard University, USA).
- Cretaceous and Eocene echinoderms (with Dr S.K. Donovan, Leiden, The Netherlands).
- Taxonomy and biostratigraphy of rudist bivalves.
- Biostratigraphy and palaeoecology of Jamaican Cretaceous ostracodes.
- Taxonomy and evolution of the coleoidea.
- Palaeontology of sharks (with Dr C.J. Underwood)

- Geoarchaeology of Taino settlements in Jamaica (with Dr P. Allsworth-Jones)
- Geology and geochemistry of dolomite in the Caribbean.
- Strontium isotope stratigraphy of late Cretaceous rudists (with Dr T. Steuber)
- Carophytes of the Maastrichtian-Palaeocene transition, Jamaica and Puerto Rico (with M. Martinez, H. Santos and Dr Garcia).

Professor Emeritus Edward Robinson

- Use of historical air photographs, maps and satellite imagery to determine direction and rates of coastline change in Jamaica.
- Larger foraminiferal zonation for the Tertiary rocks of Jamaica.
- Taxonomy of the lepidocyclinids (larger foraminifera).
- Use of strontium isotope ratio dating for the Eocene-Miocene limestones of Jamaica.

Mr Remy Sietchiping

- Spatial analysis of HIV/AIDS/STI in the Caribbean.
- Modelling informal settlements in developing countries by means of GIS and cellular automata.
- Using remote sensing data to investigate land degradation and sedimentation in Péligre dam, Haiti.

Dr Balfour Spence

- Behaviour of residents of flood-prone areas during flood events (with Dr Faisal Butt, Virginia Clerveaux, and Dr Veront Satchell)
- Relationship among disaster, development and poverty in the Caribbean (with Dr Faisal Butt, Virginia Clerveaux, and Dr Veront Satchell)

Dr Thomas Stemmann

- Structure of reef coral diversity in the Late Pliocene Hopegate Formation of Jamaica.
- Coral communities in the Late Cretaceous of Jamaica.

- The ecology of Late Pleistocene *Acropora* in Jamaica.
- Fossil vertebrates of the Jamaican Eocene (with Dr Daryl Domning)

Professor Elizabeth Thomas-Hope

- The role of environmental management in economic performance in the Caribbean in the second half of the twentieth century.
- Biodiversity and land management in small farming systems in Jamaica.
- International migration, including Caribbean skilled migration, transnationalism, remittances, irregular migration, and trafficking in persons. Policy implications of the new trends in international migration in the context of current patterns of globalization.

PAPERS PRESENTED

B. Arimah

- “Vulnerability to environmental health risks in developing countries” (poster). IHDP Open Meeting, Montreal, Canada, October 16-18, 2003.
- “Variations in home ownership in African cities.” International Conference on Adequate and Affordable Housing for All: Research, Policy and Practice, Toronto, Canada, June 24-28, 2004.
- “What drives infrastructure spending in cities of developing countries?” City Futures International, Chicago, USA, July 8-10, 2004

W. Bailey

- (with C. Branche, J. Jackson & A. Lee) “Fatherhood in risk environments.” Mona Academic Conference: Gender in the 21st Century, UWI, Jamaica, August 29-30, 2003.
- (with S. Lalta, G. Gordon-Strachan, E. Ward & A. Henry-Lee) “Linking researchers and policy makers: some challenges and approaches.” Extension of the Social Protection in Health Seminar (PAHO/WHO), Bogota, Colombia, October 6-8, 2003.

- (with A. McCaw-Binns) “The HIV epidemic and the supply of educators and the demand for education in Jamaica.” HIV/AIDS: The Power of Education (UNICA/UWI/ UNESCO Conference), Trinidad & Tobago, October 30-31, 2003.
- (with A. McCaw-Binns) “Barriers to accepting HIV/AIDS affected children into basic and primary schools in the KMA.” UNESCO HIV/AIDS Seminar, Jamaica, March 19, 2004.
- (with A. McCaw-Binns) “Barriers to accepting HIV/AIDS affected children into the school community.” HIV/AIDS: Research Partnerships for Action, Jamaica, June 10-13, 2004.

D. Barker

- “Indigenous technical knowledge in Caribbean agriculture: yam farmers in central Jamaica.” Annual Conference of the Caribbean Studies Association, St Kitts, May 2004.

T. Jackson

- (with R.E.A. Robertson & P. Scott) “High MgO basalts of St Vincent, West Indies.” International Union of Geophysics and Geodesy, Sapporo, Japan, June 30-July 11, 2003.
- (with R.E.A. Robertson & P. Scott) “A new geological map of St Vincent, West Indies: beyond walls: multidisciplinary perspectives.” School for Continuing Studies Conference, St Vincent & the Grenadines, 2003.
- (with S.K. Donovan, I. Brown & S. Wood) “Small is beautiful? Progress at the Geology Museum, UWI, Mona, since 1988.” VII International Cultural Heritage in Geosciences, Mining and Metallurgy: Libraries-Archives-Museums, Leiden, 2003.

S. Mains

- “Life and debt, freedom not yet: consuming and viewing global bodies in Jamaica.” Special Session on Integrating Economic and Feminist Geographies, Annual Royal Geographical Society/Institute of British Geographers Conference, London, UK, September 2003.
- “City cultures and Caribbean spaces: site(ing) stories.” Text and Testimony Collective Conference, Bridgetown, Barbados, December 2003.

- “(Re)producing citizenship and space: film narratives and documenting dialogues with(in) the Jamaican diaspora.” Special session on Jamaican film, Annual English and Film Conference – the Persistence of Form: Culture, History and the Aesthetic, Tallahassee, USA, January 2004.
- “Border crossing: a social geography of travel and Jamaican migration.” Department of Geography, University of Toronto, Canada, February 2004.
- “Excavating emigration.” Graduate seminar on Critical Issues in Caribbean Studies, Sociology Department, University of the West Indies, Mona, Kingston, March 2004.
- “Translating mobility: documenting diaspora and stories of Jamaican migration.” Geography of Film Symposium, The Geography of Cinema: A Cinematic World, Mainz, Germany, June 2004.
- “Representing foreign: negotiating Jamaican migration between New York, London and Kingston.” Special Session on Rethinking Migrants, Association of American Geographers Annual Meeting, Philadelphia, USA, March 2004.
- “Memory and migration: documenting the Jamaican diaspora.” Annual Conference of the Caribbean Studies Association, St Kitts, May 2004.

S. Mitchell

- (with S. Khan) “Dynamic controls on grain size distribution on a tropical carbonate beach, Jamaica, W.I.” Quaternary Coastal Morphology and Sea Level Changes, Puglia, Italy, September 2003.
- (with N. Miller) “The Sebra Project.” The Quarries Seminar, UWI, Mona, December 2003.
- “Stratigraphy of the Cretaceous rocks of the Central Inlier, Jamaica.” 21st Annual Symposium on Caribbean Geology: Caribbean Palaeontology and Biostratigraphy, University of Puerto Rico, Mayagüez, February 25-29, 2004.

- “Morphology, microstructure and stratigraphy of some small, late Cretaceous radolitic rudists from Jamaica.” 21st Annual Symposium on Caribbean Geology: Caribbean Palaeontology and Biostratigraphy, University of Puerto Rico, Mayagüez, February 25-29, 2004.

R. Sietchiping

- (with R. Wyatt & H. Hossain) “Urban informal settlements within less developed countries: a simulation.” Planning Institute of Australia, Tasmania, Australia, February 22-26, 2004.
- “How informal settlements grow: a modelling approach.” Association of American Geographers Annual Meeting, Philadelphia, USA, March 14-19, 2004.
- “Where do we go from here: predicting informal settlements dynamics.” Institute of Australian Geographers Conference, Adelaide, Australia, April 13-16, 2004.
- (with S. Mains & M. Clifford) “Socio-spatial perspectives on HIV/AIDS in the Caribbean.” World Conference on Health Promotion and Education, Melbourne, Australia, April 26-30, 2004.
- (with R. Louis & J.P.M. Basquiat) “Utilisation de la télédétection dans l’étude de dynamique de la dégradation des sols et de la sédimentation du lac Péligre, Haïti” (English title: “Using remote sensing to study land degradation and sedimentation in Péligre dam, Haïti”). Proceedings of the Journées Internationales de Télédétection, Ottawa, Canada, May 24-29, 2004.
- “Paradigm shift: improving future slum policies in developing countries using prediction.” International Housing Conference, Toronto, Canada, June 24-27, 2004.
- “Using simulation and modelling techniques to inform housing policies in developing countries.” European Network for Housing Research, Cambridge, UK, July 2-6, 2004.
- “Planning the unplanned: modelling informal settlements by means of GIS and cellular automata.” International Planning History, Barcelona, Spain, July 14-17, 2004.

B. Spence

- (with E. Jones) “Potential impact of climate change and severe weather events on urban water resources in Jamaica.” CDERA/IDB Seminar on Climate Change and Severe Weather Events in Asia and the Caribbean, Barbados, July 24-25, 2003.
- (with F. Butt & V. Clerveaux) “Flood hazard mapping and community disaster management planning.” Inter-Regional Seminar on Flood Hazard Mapping and Its Use in Community Disaster Management Planning in the Caribbean and Central America, Barbados, February 16-17, 2004.

T. Stemann

- “Reef coral diversity in the Late Maastrichtian of Jamaica.” Evolution and Phylogeny Session, 9th International Symposium on Fossil Cnidaria and Porifera, Graz, Austria, August 3-7, 2003.
- (with S.K. Donovan & R.W. Portell) “Late Pleistocene reef coral associations from the Hopegate Formation of northern Jamaica: were there coral communities in the Caribbean during the Eocene?” Geological Society of America, Northeastern Section/Southeastern Section Joint Meeting, Tysons Corner, USA, March 25-27, 2004.

(with S.K. Donovan, R.W. Portell) “Macropalaeontology of the Hopegate Formation, Jamaica, an Upper Pliocene raised reef.” Geology Society of America, Northeastern Section/Southeastern Section Joint Meeting, Tysons Corner, USA, March 25-27, 2004.

E. Thomas-Hope

- “Caribbean migration and development.” Conference on Caribbean Issues, organized by the US State Department for US diplomatic staff and State Department advisers, Washington, DC, October 18-20, 2003.
- “New areas of research in Caribbean migration and their policy implications.” 86th Session of the Council of the International Organization for Migration, Geneva, Switzerland, November 19-20, 2003.
- “Globalization and the future of Caribbean agriculture: alternative strategies and environmental implications.” Royal Institute of International Affairs, London, November 25, 2003.

- “Caribbean migration and diaspora: from labour migration to transnationalism.” UNESCO workshop on Conceptualizing Caribbean Migration and Diaspora, UWI, Mona, March 6, 2004.
- “Environmental education in Jamaican schools.” Institute of Education, UWI, Mona, March 22, 2004.
- “Sustainable rural development policy.” Chair, Planning Institute of Jamaica conference, Kingston, April 21, 2004.
- “Water management and sanitation in Jamaica.” Session chair, NEST workshop on Water, Health and the Environment, Kingston, April 28, 2004.
- “Strategies and policies for watershed management.” Annual retreat of the National Watershed Management Commission, Runaway Bay, Jamaica, May 7-8, 2004.
- “Human trafficking in the Caribbean.” International meeting of the International Organization for Migration on Improving Data on Human Trafficking, Rome, May 27-28, 2004.
- “Belonging and the sense of home among Caribbean migrants.” Session chair, Caribbean Studies Association, Basseterre, St Kitts, June 3-4, 2004.
- “Social and economic implications of migrant remittances for the Caribbean.” Regional seminar on Migrants’ Money Remittances: An Alternative for Latin America and the Caribbean, organized by the Permanent Secretariat of the Latin American Economic System and the Andean Development Corporation, Caracas, Venezuela, July 26-27, 2004.

PUBLICATIONS

Refereed

- * **B. Arimah.** “Measuring and explaining the provision of infrastructure in African cities.” *International Planning Studies*, 8, 3, 2003, 225-240.
- * **B. Arimah.** “Nature, determinants and prospects for sustainable human development in the Arab region.” In B. Laabas (ed.), *Arab Development Challenges of the New Millennium*, Ashgate, Aldershot, 2003, 429-457.

- * **W. Bailey**, C. Branche & A. Henry-Lee. "Gender relations and conflict management in inner city communities in Jamaica: the importance of community participation." In J. Pugh & R. Potter (eds.), *Participatory Planning in the Caribbean: Lessons from Practice*, Ashgate, UK, 2003.
- * A. Henry-Lee, **W. Bailey** & C. Branche. "Conflict, gender relations and the health of women." In S. Arber & E. Vilquin (eds.), *Social and Economic Patterning of Health among Women*, Paris, CICRED, 2003.
- * R.B. Potter, **D. Barker**, D. Conway & T. Klak. *The Contemporary Caribbean*, Harlow Essex: Pearson-Prentice Hall, 2004 (520 pp.).
- * S.K. Donovan, R. Pickerill, R. Portell, **T. Jackson** & D.A.T. Harper. "The Miocene palaeobathymetry and palaeoenvironments of Carriacou, the Grenadines, Lesser Antilles." *Lethaia*, 36, 3, 255-272.
- * S.K. Donovan & **T. Jackson**. "Quo vadis the Transactions? Publishing strategy and the future of the Caribbean Geological Conferences." *Caribbean Journal of Science*, 40, 1, 2004, 1-7.
- * **S. Mains**. "Teaching transnationalism in the Caribbean: toward an understanding of representation and neo-colonialism in human geography." *Journal of Geography in Higher Education*, 28, 2, 2004, 315-330.
- * **S. Mains**. "Imagining the border and southern spaces: cinematic explorations of race and gender." *GeoJournal*, 59, 4, 2004, 253-264.
- * **S. Mains**, A. Oberhauser, D. Rubinoff, K. DeBres & C. Pope. "Geographic perspectives on women: geography and gender." In G. Gaile & C. Wilmott (eds.), *Geography in America at the Dawn of the 21st Century*, Oxford University Press, Oxford, 2004, 738-760.
- * **S. Mitchell**. "Morphology, microstructure and stratigraphy of some late Cretaceous radiolitid rudists from Jamaica." *Geologica Croatica*, 56, 2003, 149-171,
- * **S. Mitchell**, **D. Miller** & R. Maharaj. "Field guide to the geology and geomorphology of the Tertiary limestones around

the Central Inlier, Jamaica.” *Caribbean Journal of Earth Science*, 37, 2003, 39-48.

- * **S. Mitchell.** “Sedimentary and tectonic evolution of central Jamaica.” In C. Bartolini, R.T. Buffler & J.F. Blickwede (eds.), *The Circum-Gulf of Mexico and the Caribbean: Hydrocarbon Habitats, Basin Formation, and Plate Tectonics*, American Association of Petroleum Geologists Memoir 79, 2004, 605-623.
- * **S. Mitchell, T. Stemmann, D. Blissett, I. Brown, W. O’Brian Ebanks, G. Gunter, D. Miller, A. Pearson, B. Wilson & W. Young.** “Late Maastrichtian rudist and coral assemblages from the Central Inlier, Jamaica – towards an event stratigraphy for shallow-water Caribbean limestones.” *Cretaceous Research*, 25, 2004, 499-507.
- * **K. Drobne, V. Cosovic & E. Robinson.** “Velike miliolide zgornje krede in paleogena skozi prostor in cas.” *Geologija*, 45, 2, 2002, 359-366.
- * **E. Robinson.** “Changes along the coast of Vere, Jamaica, over the past two hundred years: data from maps and photographs.” *Quaternary International*, 120, 2004, 153-161.
- * **K.J. Cunningham, J.L. Carlson, G.L. Wingard, E. Robinson & M.A. Wacker.** “Characterization of aquifer heterogeneity using cyclostratigraphy and geophysical methods in the upper part of the karstic Biscayne aquifer, southeast Florida.” US Geological Survey Water Resources Investigative Report WRIR 03-4208, 2004 (46 pp.).
- * **T. Stemmann.** “Coral reef diversity in the Late Maastrichtian of Jamaica.” *Berichte des Institutes für Geologie und Paläontologie der Karl-Franzens-Universität Graz/Austria*, 7, 2003, 105.
- * **E. Thomas-Hope & B. Spence.** “Jamaica.” In H. Brookfield, H. Parsons & M. Brookfield (eds.), *Agrodiversity: Learning from Farmers across the World*, United Nations University Press, Tokyo and New York, 2003, 270-292.
- * **E. Thomas-Hope.** “Poverty and irregular migration in the Caribbean.” In G.J. Borjas & J. Crisp (eds.), *Poverty, Migration and Asylum*, Palgrave MacMillan, London, 2004, Chapter 14.

Non-Refereed

- * **S. Mains.** “Developing film: media and geography roundtable.” *Place and Culture: Cultural Geography Specialty Group Newsletter*, Spring 2004.
- * **S. Mains.** “Teaching geography and gender discussion forum.” *Geographic Perspectives on Women Specialty Group of the AAG Newsletter*, March 2004.
- * **S. Mains.** “Translating film.” *Baile 2004*, University College Dublin, Ireland, 2004.
- * **E. Thomas-Hope.** “Shifting location and negotiating place: migration and gender in Caribbean migration.” *Research Report to the Centre for Gender Studies*, UWI, Mona, 2003, 33 pp.

PUBLIC SERVICE

W. Bailey

- UWI representative, Board of the Jamaica Environmental Foundation.
- Chief Examiner, CAPE Geography.
- Convenor of the Geography Panel, CAPE.

D. Barker

- Editor, *Caribbean Geography*.
- Chairman, *Aqueduct Newsletter* subcommittee, SCR Club.
- Member, Management Committee, SCR Club.
- Chairman, Steering Committee, Jamaica Geographical Society.

T. Jackson

- Member of editorial board, *Jamaica Journal of Science and Technology*.
- Member, IUGS Commission on Geoscience Education and Training.
- Member, Caribbean Community Ocean Sciences Network.
- Member, Standing Committee, Caribbean Geological Conferences.
- Honorary member, Geological Society of Jamaica.

- Member, Geological Society of Trinidad and Tobago.
- Member, American Geophysical Union.
- Member, Association of Geoscientists for International Development.

S. Mains

- Board member, Geographic Perspectives on Women Specialty Group of the AAG.
- Editor, *Geographic Perspectives on Women Specialty Group of the AAG Newsletter*.
- Board member, Cultural Geography Specialty Group of the AAG.
- Reviewer, *GeoJournal*.
- Participant and documentarian, The Jamaican Diaspora-Reciprocal Relations-Way Forward Symposium, Kingston, Jamaica.
- Expert witness (invited by Brent Law Community Centre, UK), Asylum Hearing, Home Office, London, UK, 2003.
- Member, Fundraising Committee, Women in Film and Television, Jamaica, 2003.

S. Mitchell

- Chairman, Commission on Jamaican Lithostratigraphy.
- Member, Technical Working Group on Jamaican Beach Policy.
- Council member, Geological Society of Jamaica.
- Editor, *Caribbean Journal of Earth Science*.
- Editor, *Contributions to Geology* (UWI).

E. Robinson

- Member, Caribbean Academy of Sciences.
- Honorary Member and Member of Council, Geological Society of Jamaica.
- Member, American Association of Petroleum Geologists.

- Fellow, Third World Academy of Sciences, and member of the Selection Committee for the TWAS Prize in Earth Sciences.
- Member, Board of Directors of the Nature Preservation Foundation of Jamaica.
- Member, Editorial Board of the *Journal of the Institute of Marine Affairs*, Trinidad and Tobago.

R. Sietchiping

- Member, GIS Day Committee, UWI, Mona., November 2003.
- Member, Land Information Council of Jamaica.
- Member, essay and poster competition judging committee, Scientific Research Council.

T. Stemman

- President, Geological Society of Jamaica.
- Member, Field Trip Subcommittee, and Earth Science Week Subcommittee, Geological Society of Jamaica.

E. Thomas-Hope

- Chairman, Board of the Jamaica Social Development Network (now an NGO).
- Member, Tribunal for the NRCA Act of the Ministry of Land and Environment.
- Director, Jamaica Board of Engineers Foundation.
- Director, Luis Fred Kennedy Environmental Foundation.
- Member, Royal Institute for International Relations (London) Caribbean study group, preparing a volume on critical issues pertaining to the impact of current globalization on the Caribbean.
- Member, International Scientific Advisory Team of the People, Land Management and Environmental Change Programme of the United Nations University, Tokyo.
- Member, editorial advisory boards of *The Caribbean Journal of Agriculture and Natural Resources*, *The International Journal of Disability Issues*, and *Progress in Development Studies*.

- Journal referee for *Social and Economic Studies*, *Progress in Development Studies*, *Population Geography*, and *The World Health Organization Bulletin*.

CATEGORIES OF STUDENTS

Undergraduates: Geography

Course		Regd	Sat	Passed	%Passed
GG10A	Introduction to Human Geography	129	127	120	94
GG10B	Introduction to Physical Geography	137	132	80	61
GG20R	Geographical Thought & Research Methods	38	38	35	92
GG21A	Urban Geography	49	48	44	92
GG21B	Geography & Development	55	52	48	92
GG22A	Geosphere & Hydrosphere	60	59	49	83
GG22B	Atmosphere & Biosphere	48	48	40	83
GG31C	Tropical Agricultural Systems & Development	16	16	15	94
GG31F	Health & Society	14	13	12	92
GG31G	Geographies of Tourism	15	15	13	87
GG32A	Geomorphic Processes & Landforms	13	13	12	92
GG32E	Climate Change: Concepts, Causes & Issues	27	27	25	93
GG33B	Urban & Regional Planning	29	29	29	100
GG33F	Introduction to GIS & Remote Sensing	28	28	27	96
GG33H	Environmental Resource Management	28	28	28	100
GG33K	Disaster Management	32	32	32	100
GG360	Research Paper	36	31	27	87

Undergraduates: Geology

GL10A	Introduction to Earth Sciences I	63	60	55	92
GL10B	Introduction to Earth Sciences II	67	64	56	88
GL21A	Palaeontology	20	19	18	95
GL22A	Sedimentology	17	17	15	88
GL23B	Igneous Petrology	17	16	15	94
GL24B	Metamorphic Petrology & Petrological Methods	13	13	12	92
GL25A	Structural Geology & Geological Mapping	20	19	18	95
GL30D	Analysis & Management of Natural Hazards & Risks	14	14	14	100
GL311	Field Geology	16	16	16	100
GL32A	Caribbean Geology	16	16	15	94

GL33A	Engineering Geology & Hydrogeology	19	17	16	94
GL34A	Advanced Sedimentology & Fossil Fuels	12	12	11	92
GL35A	Advanced Palaeontology	8	8	8	100
GL39J	Marine Geology	13	12	12	100

Undergraduate Prizes Awarded

The Barry Floyd Prize for the best student in Level II Geography was awarded to **Soyini Ashby**.

The Geological Society of Jamaica Scholarship was awarded to **Lorraine Richards**.

The Harry Kuarsingh Memorial Bursary was awarded to **Kirwin Ganga**.

Postgraduates: Environmental Management

Fourteen students were registered for the MSc degree in Natural Resource Management – Integrated Urban and Rural Environmental Management.

Eleven students were registered for the MSc degree in Water Resources Management.

DEPARTMENT OF LIFE SCIENCES

Dale F. Webber, BSc, PhD *UWI* - Head of Department

WORK OF THE DEPARTMENT

Teaching



The Department continued to enjoy the benefits of the restructuring of its final year program, over the last three years, to produce four clear Majors and two Options. The number of students registered in the Department increased significantly, with level I courses BB10A & B increasing by 20%, BL10L & M increasing by 34% and Preliminary Biology increasing by 16%. Registrations in advanced level Zoology major Level II courses were lower (18%) while Botany Major Level II courses increased by 16%. The increase in registrations for the new Environmental Biology and Experimental Biology shows strong support for the restructuring exercise.

The BEd Distance programme started in 2003, continued over the summer of 2003, with BL10L being offered in addition to the BL10M offered to last year's trial cohort. As was the case last year two senior graduate students **Metz Peterkin** and **Gale Persad** delivered the courses with **Dr. Ralph Robinson** acting as coordinator of the programme.

The Department successfully mounted a new MSc. in Plant Production and Protection (PPP) with 9 students who are all registered part time and should be graduating at the end of the 2004/05 academic year. **Dr. Phyllis Coates-Beckford** is the coordinator of the MSc. (PPP) programme. This is the second taught masters programme offered by the Department, as the MSc TEAM which started with 3 students in 2002/03 continued with a new cohort of 8 students in the 2003/04 academic year. This MSc. which

is coordinated by **Dr. Peter Vogel** was also delivered part time to allow registered candidates to maintain job related activities.

The visit of one of the Department's two External Examiners, **Professor Roger Marchant**, was an extremely beneficial exercise as he was able to comment on the courses, examinations, student performance and examiner performance all within one week of the completion of the examination process. This gave examiners the opportunity to discuss grades, issues and course objectives while Faculty and University examinations consultations were in progress, thus benefiting the students and the system immediately rather than some three to six months later when some of these benefits would no longer be available.

The annual Departmental Retreat examined several initiatives in teaching and research. The employment of multimedia technologies in teaching and graduate student training, the use of the internet in teaching and research, and the consolidation of the Department of Life Sciences as an integrated research entity all received strong support from staff. The establishment of an academically enhanced operating environment and the need for greater student involvement in practical-based projects in the Department were also approved. The desire for follow-up information on student placement, post-graduation, was recognized as a potential asset to the Department as it prepares its offerings to reflect national and regional needs.

The 16% budget cut faced by the Mona Campus loomed large throughout the retreat discussions and decisions were taken for implementation over the next academic year involving reduced staffing and income generation projects.

Outreach

The Department continued to be active in its outreach programmes with a strong link established with the community colleges which teach the Preliminary Biology Course at five locations around the island. The Department is not satisfied with the poor pass rates from some of these Community Colleges (one in particular where all students failed) and thus the outreach effort will be doubled in the 2004/05 academic year with a specific coordinator appointed.

Dr. Mona Webber & Mr. Frederick Boyd moderated the Joint Board for Teacher Education Double Option Biology exams. This opens the door for greater collaboration between the Teachers Colleges and the

Department of Life Sciences as we all endeavour to have teachers of science trained and enthused.

The marine life live exhibit (aquarium) in the Department of Life Sciences booth on Research Day 28 and 29th Jan, was extremely popular and proved a great crowd-pleaser. Special thanks are thus due to **Mr. Marlon Hibbert**, PRML. A quickly constructed Departmental DVD by **Dr. Mark Thomas** was also very popular as was the Life Sciences contribution of live butterflies to the Bookshop booth by **Dr. Audette Bailey**.

World Wetlands Day saw the Department providing expertise in three of the four national projects island wide, **Dr. Eric Hyslop** gave an introductory talk on the importance of wetlands to an invited audience at the opening of the Institute of Jamaica exhibition, **Mr. Marlon Hibbert** assisted in the mounting of a wetlands display in Port Antonio at the Ridge to Reef exhibition and **Dr. Dale Webber** gave the keynote address at the World Wetlands Day celebration in Negril at the Royal Palm Reserve.

Other notable outreach activities associated with the Port Royal Marine Laboratory were:

Jamaica Coral Reef Monitoring Network (JCRMN), Caricomp Training, Earth Day Activities (April) - **Mark Gold, Terrence Hall, Marlon Hibbert**; The National Ramsar Committee Membership- **Mona Webber, Marlon Hibbert**, Palisadoes and Port Royal Protected Area Committee, Planning Meeting Sustainable Operations of the Port Royal Diver's Chamber -**Marlon Hibbert** and Lime Cay Public Meeting – **Terrence Hall**.

Plant and vehicles

The Departmental Land Rover, which was used for high mountain expeditions, continued to be a major expenditure in terms of maintenance and was sold in May with the hope of purchasing a new mountain terrain vehicle with these and other funds to be identified. Through the offices of the Deputy Bursar the Department was able to replace its vehicle lost by theft which returns the departmental fleet to four (4) twin cabin light trucks, a Land Rover and a 29 seater bus. The second Land Rover (which was a gift from Cambridge University in 1996) and the oldest twin cabin light truck, are not road worthy and sale of these items are being pursued.

Through the efforts of the Principal and the Deputy Bursar, the Department was able to secure 30 insect proof herbarium cabinets to

bring the Herbarium to international standards as one of only two such repositories in the island. Further assistance resulted in the procurement of 25 Olympus microscopes essential to the teaching of advanced Biology courses which allowed the increase in numbers of some courses.

Port Royal

The Port Royal Marine Laboratory (PRML) under the direction of **Dr. Mona Webber** continued to be a pivotal part of the delivery of the Life Sciences academic programme with 8 undergraduate courses and 3 higher degree courses being taught from the facility and another 8 courses being supplied by field collections from the laboratory. Approval to commence general refurbishing of the buildings at PRML was gained from the UWI Bursary the first phase of which will involve the main teaching lab or “wet lab” and security issues. Refurbishing exercises completed over the year were in the areas of sanitary facilities by the Maintenance Department. Acquisitions at the PRML in the 2003/04 academic year include a 25 Ft Eduardono Scuba Boat - “Navicula” (retrofitted- Port Royal Staff) a 21 Ft used boat trailer (refurbished by Port Royal Staff), a Toyota Pickup 4x4 (1) and email connectivity (e-mail address: prml@uwimona.edu.jm). First Aid Kits (4), fire Hose and Reel (2), fire Extinguishers (4) fixed and (4) boat were also acquired through the University’s consultants: Safety and Emergency Management Systems.

Staff Matters

The Department experienced a very active year which started with the appointment of **Dr. Dale Webber** as Head of Department effective August 1st 2003 for three years. Over the 2003/04 academic year **Dr. Mona Webber** and **Dr. Eric Garraway** proceeded on sabbatical leave and **Ms. Gale Persad** and **Dr. Marcia Mundle** joined the Department for a year as Sabbatical replacements. **Mr. Frederick Boyd** was appointed as a Lecturer on three year contract effective August 1st 2003 and effective the same date **Dr. Dwight Robinson** and **Dr. Paula Tennant** both had their contracts extended for a further three years. Also **Dr. Tennant** and **Dr. Byron Wilson** received their contracts with indefinite tenure. **Dr. Dwight Robinson** was promoted to cross the Merit Bar and **Dr. Kurt McLaren** was promoted to Lecturer from Assistant Lecturer.

With these gains the Department also lost **Dr. Sasikala Potluri** who resigned July 31st 2003. The Department wishes her the very best as she joins her husband **Dr. Devi Prasad** who resigned during the previous

year. The retirement of **Dr. Dunbar Steele**, the first Head of the merged Department of Life Sciences, and former Head of the Department of Zoology and the retirement of **Professor Brian Freeman** from the academic staff as well as the resignation of **Mrs. Alicia Lyn Sue Chin** and **Ms. Shernette Farquharson** from technical positions resulted in a significant loss in departmental expertise, however the rebuilding process continues. Following these departures there will be renewals as the Department advertised and should soon be welcoming two new Lecturers in Horticultural Science and Coral Reef Biology, two areas of great expectation in the coming years. **Dr. Karl Aiken** received his Ph.D. at graduation Ceremony November 7th 2003 along with one other Ph.D., **Dr. Audette Bailey** who was appointed Research Fellow effective March 2004.

Secretary **Ms Karlene Anderson** continued on no pay leave and was temporarily replaced by **Mrs Debbie-Ann Smith-Brown**. Ms Anderson returned to duties in January 2004. Scientific Officer, **Mr. Michael Buchanan** was also granted one year no pay leave from December 2003 and his duties have been admirably performed by **Mr. Wendel Christie**.

RESEARCH IN PROGRESS

Professor Emeritus Ivan Goodbody has found it necessary to relinquish all laboratory and field work. Nevertheless he has continued a fruitful collaboration with American scientists in documenting aspects of biodiversity on the Belize Barrier Reef. The most recent results of this collaboration will be published in a forthcoming issue of Atoll Research Bulletin published by the Smithsonian Institution in Washington D.C. Professor Goodbody has also continued collaboration with the Mona Institute of Applied Sciences in preparing a CD-ROM depicting images of Caribbean Ascidiacea for use by students and researchers needing to identify animals in this Class.

Mrs. Charlotte Goodbody has continued to curate collections of marine animals from the deep sea in the Department collections. In collaboration with a German scientist she has published the description of a new species of deep sea sponge collected from Jamaican waters.

Dr. Karl Aiken

- Research on fisheries interactions between fish trap and dolphin mammals in the Whitehouse area with a view to

formulating fisheries management measures (with Nichelle Oxford).

- Research on tilapia aquaculture (with Ben Sinclair).

Dr. Jane Cohen

- Effects of solarization and mulching on weed ecology and their effectiveness as weed management strategies in organic farming.
- Tree-crop interactions in contour hedgerow agroforestry systems
- Herbicidal effectiveness of household disinfectants (with Mr D. Hutton)

Dr. Kisan Vaidya

- Plant Breeding work is in progress in order to produce high yielding and photoinensitive cultivar(s) of roselle (sorrel).
- Genetics of morphological mutations in roselle.
- Genetic studies in moth bean (*Vigna aconitifolia*), mung bean(*Vigna radiata*), and blue pea (*Clitoria ternatea*).
- Multiplication (initial increase of genetically pure seed) of *Dolichos lablab* and *Cyamopsis tetragonoloba* for future work.

Dr. Mona Webber

- Water quality monitoring in mangrove lagoons using plankton and traditional indices.
- Sponges of the Port Royal mangroves.
- Bivalves of the Port Royal Mangroves
- Change in mangrove root communities over time.
- Zooplankton secondary production in Discovery Bay.
- Zooplankton abundance and species at selected south coast banks.

Dr. Paula Tennant

- Development of papaya (*Carica papaya* L.) germplasm resistant to Papaya ringspot virus by genetic engineering and conventional breeding methods.
- Development of transgenic West Indian Sea Island cotton with resistance to insect pests.
- Evaluation of the diversity in Citrus tristeza virus and citrus viroids.

Dr. Dale Webber

- Environmental management and planning
- Artemia (brine shrimp) production
- Oceanography and modeling of coastal ecosystems
- Constructed wetlands for waste water improvement
- Water quality assessment in coastal environments

Dr. Mark Thomas

- physiological studies that investigate embryonic exposure and levels of growth factor in oxidative stress

Dr. Ralph Robinson

- Human public health importance of rat lung worm infections that may result in meningitis in Jamaica.

Dr. Eric Hyslop

- Ecology and management of riverine systems
- Use of Benthic Macro Invertebrates as indicators in riverine systems

Dr. Peter Vogel

- ecology and conservation of Jamaica's terrestrial vertebrates and their habitats
- assessment of the parrot population in the Cockpit Country
- an analysis of the influence of habitat quality on bird composition in the dry forest life zone

Dr. Byron Wilson

- the revealing of predation on rare and endangered species by an exotic predator
- documentation of repatriation of head-started Jamaican Iguanas as an effective tool in the conservation of the critically endangered species.

Research Grants and Awards

Dr. Karl Aiken

J\$1.25M from the Environmental Foundation of Jamaica

Dr. Mona Webber

2003 (November) – EFJ (Environmental Foundation of Jamaica) research grant for J\$ 4,563,750. for the project: “The Mangrove Ecosystem- A Biodiversity Hot-Spot.”

Dr. Byron S. Wilson

2003 Miami Metrozoo; for predator control study (\$3750U.S.)

2003 Research & Publications Centre Fund, Mona Campus (\$43,500JA)

2003 UWI New Initiative grant; for research on Jamaica’s endangered forests and fauna (\$16,000U.S.)

2004 Audubon Zoo (New Orleans); for predator control study (\$1500U.S.)

2004 UWI New Initiative grant; for employing a field technician (\$240,000JA)

2004 Conservation International; for research on the Jamaican Iguana (\$5000U.S.)

2004 Houston Zoo Naturally Wild Conservation Fund; for research on Jamaican Iguana (\$2500U.S.)

2004 International Iguana Foundation (\$6500U.S., with P. Vogel)

Dr. Dwight Robinson

2003 JADF (Ja\$3,387,500) Pest control of West Indian Sea Island Cotton

2003 UWI (Ja\$750,000)

2003 CIDA Green fund (Ja\$2,175,500) Pest control & management for Organic production of cabbages in Jamaica.

PAPERS PRESENTED

- **CA Waugh**, Lindo JF, Bishop K, Eberhard M & Robinson RD. (2004). *Angiostrongylus cantonensis* – an emerging infection in Jamaica. Proceedings of the International Conference on Emerging Infectious Diseases, Centers for Disease Control & Prevention, Atlanta, USA (February 28 – March 4, 2004).
- **CA Waugh**, Lindo JF, Bishop K, J. Eberhard M & Robinson RD. (2004). Report of an emerging zoonosis, *Angiostrongylus cantonensis*, in Jamaica. Proceedings of the Northern Caribbean University Science Symposium 2004 Jamaica (April 20, 2004).
- C.A. Waugh, J.F. Lindo, S. Fletcher, C. Cunningham- Myrie, M.L. Eberhard, J. Lorenzo Morales, R.D. Robinson. Report on current infections with *Angiostrongylus cantonensis* (Nematoda: Metastrongylidae) in rats and molluscs in Jamaica. European Multi-colloquium of Parasitology, Valencia, Spain
- S. Fletcher, C.A. Waugh, J.F. Lindo, J. Lorenzo-Morales, R.D. Robinson. Studies of the intestinal helminths of dogs from the Kingston Metropolitan Area, Jamaica, with special emphasis on *Ancylostoma* sp. European Multi-colloquium of Parasitology, Valencia, Spain
- L.P. Daley, D. Lewis, B.S. Wilson, P. Vogel, and **R.D. Robinson** (2004). Comparison of the enteric helminth fauna of two populations of Small Indian Mongoose in Jamaica. The Nature of the Islands Conference, Trinidad & Tobago, 15-18 August 2004.
- **RD Robinson**, Cecelia Waugh, John Lindo, Karen Bishop and Mark Eberhard (2004). *Angiostrongylus cantonensis* (Nematoda: Metastrongylidae) infection: an emerging zoonosis. The Nature of the Islands Conference, Trinidad & Tobago.
- RD Robinson (2004). The GM debate must not neglect developing countries. II International Workshop of the Latin American and Caribbean Bioethics Network. Havana, Cuba (September 2-3, 2004).

- Wilson, B. S. 2004. Conservation of reptile diversity in a Jamaican forest: experimental removal of the introduced Indian mongoose. The Nature of the Islands: Trinidad and Tobago, 15-18 August 2004.
- Daley, L.P., B. S. Wilson, P. Vogel, and R. Robinson. 2004. Intestinal helminthes of the Indian mongoose. The Nature of the Islands Conference, St. Augustine, Trinidad and Tobago, 15-18 August 2004.
- Small, H. Lue, K. Webber, D.F and Webber, M.K. 2003. Water quality and plankton of the Conch Fishery area at Pedro Bank, south of Jamaica. Association of Marine Laboratories of the Caribbean, Annual Conference, Trinidad, July 2003.
- Elliott, T. and Webber, M.K. 2003. Temporal changes in mangrove root communities from contrasting habitats in the Port Royal mangroves, Kingston Harbour, Jamaica. Association of Marine Laboratories of the Caribbean, Annual Conference, Trinidad, July 2003.
- Hibbert, M. 2003. Seminar “Kingston Harbour in the Year 2025”
- Abdulkadri, A., Pinnock, S., and Tennant, Paula. (2004) Public perception of Genetic engineering and the choice to purchase Genetically modified food. Annual Meeting of the American Agricultural Economics Association, Denver, Colorado, August 1-4, 2004
- Tennant, Paula., Chin, M., Pinnock, S., Powell, M., Wheatley, A. O., Roberts, M., Minott, D., Jackson-Malete, J., and Gonsalves, D. (2004) Transgenic *Carica papaya* L. resistant to Papaya ringspot virus in Jamaica: Development and safety assessment. Institute of Food Technologists? Annual General meeting, Las Vegas, Nevada, July 12-16, 2004

PUBLICATIONS

Books

- * Fermin, G., Tennant, P., Gonsalves, C., Lee, D., and Gonsalves, D. (2004) Comparative Development and impact of transgenic papayas in Hawaii, Jamaica and Venezuela. In Transgenic plants: Methods and Protocols, Vol. 286, Methods in Molecular

Biology, L. Pena, editor. Humana Press, Totowa, New Jersey. pp 397-428.

- * Wilson, B. S. 2003. Of mongooses and lizards, p. 113-119. *In* R. W. Henderson and R. Powell (eds.), Islands and the Sea: Essays on Herpetological Exploration in the West Indies. Society for the Study of Amphibians and Reptiles, Ithaca (New York). Contributions to Herpetology, volume 20.
- * Wilson, B. S., R. Hudson, A. Alberts, R. Kerr, N. Thompson, R. Nelson, D. Lewis, and P. Vogel. 2004. Survival and reproduction of repatriated, zoo-reared Jamaican Iguanas: headstarting as a viable conservation strategy. Pages 220-231 *in* A.C. Alberts, R.L. Carter, W.K. Hayes, and E.P. Martins (eds.), Biology and Conservation of Iguanas. University of California Press, Berkeley.

Refereed papers

- * Goodbody, C. and H. Lehnert 2004. *Aulospongia phakelloides* sp. n. (Demospongiae: Poecilosclerida: Raspailiidae) from deep water off Jamaica, W. I. Bull. mar. Sci. 74 (1) 163-169.
- * Goodbody, I. 2003. Kingston Harbour, Jamaica. An Overview. Bull. mar. Sci. 73 (2) 249-255.
- * Goodbody, I. 2004. Natural History in Jamaica. Reflecting on the past and charting the future. *Jamaica Journal* 27 (2-3) 48-53.
- * Hyslop, E. 2003. Addition to the freshwater malacofauna of Jamaica. *Revista de Biología Tropical* 51 (1) : 262-263.
- * Webber, D.F., Webber, M.K. and Williams, D. D. 2003. The relative importance of meteorological events and tidal activity in determining the circulation patterns and flushing time of Kingston Harbour. *Bull Mar Sci.* 73: 273-290.
- * Dunbar, F. N. and Webber, M.K. 2003. Zooplankton distribution in a tropical embayment, Kingston Harbour, Jamaica. *Bull Mar Sci.* Volume 73: 343-360.
- * Webber, M.K., Ranston, E.R., Webber, D.F., Dunbar, F.N. and Simmonds, R.A. 2003. Changes in water quality and plankton in Kingston Harbour after 20 years of continued eutrophication. *Bull Mar Sci.* 73: 361-378.

- * Persad, G.; Webber, M.K.; Hopcroft, R. and Roff, J.C. 2003. Annual density, biomass and production of gelatinous zooplankton at Lime Cay and Kingston Harbour. *Bull Mar Sci.* 73: 379-396.
- * Webber, D.F.; Webber, M.K. and McDonald, K. 2003. Mangrove forest structure under varying environmental conditions. *Bull Mar Sci.* 73: 491-506.
- * Bigg, G.R. & D.F. Webber. 2003. The impact of coastline change and urban development on the flushing time of a coastal embayment, Kingston Harbour, Jamaica. *Bulletin of Marine Science* Vol. 73 (2): 291-306.
- * Green, S. O. and D.F. Webber. 2003. The effects of varying levels of eutrophication on phytoplankton and seagrass (*Thalassia testudinum*) populations of the Southeast coast of Jamaica. *Bulletin of Marine Science* Vol. 73 (2): 443-456.
- * Ranston, E.R. and D.F. Webber. 2003. Phytoplankton distribution in a highly eutrophic estuarine bay, Hunts Bay, Kingston Harbour Jamaica. *Bulletin of Marine Science* Vol. 73 (2): 307-324.
- * Ranston, R.A. Simmonds, and D.F. Webber. 2003. The phytoplankton distribution in Kingston Harbour, Jamaica. *Bulletin of Marine Science* Vol. 73 (2): 325-342.
- * Thompson, H. and D.F. Webber. 2003. The sand dune ecology of the Palisadoes, Kingston Harbour, Jamaica. *Bulletin of Marine Science* Vol. 73 (2): 507-520.
- * Webber, D.F., and P. Wilson-Kelly. 2003. Characterization of sources of organic pollution to Kingston Harbour, the extent of their influence and some rehabilitation recommendations. *Bulletin of Marine Science* Vol. 73 (2): 257-272.
- * Harvey, G. H., Ivan Goodbody and Karl A. Aiken 2003. The Artisanal thread herring fishery of Kingston Harbour: a review. *Bulletin of Marine Science* Vol. 73 (2): 398-420.
- * Buddo, D., R.D. Steele, E. Ranston D'oyen. 2003. Distribution of the invasive Indo-Pacific green mussel *Perna viridis* in Kingston Harbour Jamaica. *Bulletin of Marine science* Vol. 73 (2): 420-433.

- * Goodbody, I. 2003. The Ascidian fauna of Port Royal, Jamaica I. Harbour and mangrove dwelling species. *Bulletin of Marine Science* Vol.73 (2):457-476.

Non-refereed papers

- * Aiken, K. A. & G.A. Kong. 2004. Recent development in Jamaica's conch fishery. *Proc. Gulf & Carib. Fish. Instit.* 48:541-550

PUBLIC SERVICE

Dr. Jane Cohen

- Member of Alien Invasive Species Working Group
- Advisor, Banana Board Research Department

Dr. Kisan Vaidya

- Member, Gene Bank Committee, Jamaica.
- Member, Technical Committee, Jamaica Agricultural Development Foundation (JADF)

Dr. Mona Webber

- Scientific Editor, Special volume of Bulletin of Marine Science on Kingston Harbour.
- Member, Steering Committee for Sea Turtle Recovery Network, Hope Zoo.
- Member, American Society of Limnology and Oceanography (ASLO).
- Member, Association of Marine Laboratories of the Caribbean.
- Member, Caribbean Academy of Sciences, Jamaican Chapter.

Dr KA Aiken

- Member, Board of Directors Caribbean Maritime Institute
- Member, Select Committee on Economy & Production, Gordon House, Kingston

- Member (and Co-founder), Board of Directors, Jamaica Conservation & Development Trust
- Member, Board of Directors, Caribbean Coastal Area Management (CCAM) Foundation (since 1997)
- Member, Scientific Authority, Convention and International Trade in Endangered Species of Flora & Fauna (CITES), Jamaica

Dr Dale Webber

- Chairman, National RAMSAR committee
- Chairman, CL Environmental Ltd
- Immediate Past-President, Mona Preparatory School Parent Teachers Association
- Advisor, Mona Preparatory School Science Club.
- University of the West Indies Representative on Ministry of Education and Culture Overseas Examination Board.
- Member, Operations Sub- Committee, Overseas Examination Board.
- Member, Science and Technology Advisory Committee of the National Commission for UNESCO.
- Member, North St. Andrew (NSA) Kiwanis Club.

Dr Ralph Robinson

- Member, Board of Directors, Jamaica Agricultural Development Foundation.

Dr Peter Vogel

- Board Member, Scientific Authority
- Chairman, Jamaican Iguana Research and Conservation Group
- Member, Alien Invasive Species Working Group
- Member, IUCN West Indian Iguana Specialist Group
- Member, Executive Committee and Past President, Bird Life Jamaica

- Member, Scientific Advisory Committee, Blue and John Crow Mountains National Park
- Member, Advisory Board, Natural History Division, Institute of Jamaica
- Member, Society of Caribbean Ornithology

Professor Ivan Goodbody

- Member, Editorial Boards of Bulletin of Marine Science and of Caribbean Marine Studies.

STUDENTS AND COURSES

Performance in courses:

Course Code & Name	No. Reg	No. Sit	No. Pass	% Pass
BB10A Cells, Biomolecules and Genetics	285	284	193	68
BB10B Introductory Microbiology	280	272	178	64
BL05A Preliminary Biology I	162	155	75	46
BL05B Preliminary Biology II	163	149	99	61
BL10L Animal Diversity	173	173	121	70
BL10M Plant Diversity	158	153	130	82
BL20J General and Molecular Genetics	54	53	48	89
BL20K Evolutionary Biology	50	49	46	92
BL20L Diving Technology for Aquatic Scientists	10	10	10	100
BL20N Ecology	64	63	60	93
BL20P Biometry	60	59	46	77
BL30K Soil Biology	11	11	11	100
BL30M Mycology	12	12	11	92
BL31A Coastal Management	17	17	17	100
BL33D Freshwater Ecology	21	21	20	95
BL31E Marine Ecology I: Biological Oceanography	17	17	12	71
BL31F Marine Ecology II: Benthic Communities	14	14	14	100
BL38A Virology	20	20	18	90
BL39C Research Project	8	8	8	100

BL39D Caribbean Biodiversity	19	19	17	89
BL39E Conservation Biology	20	19	18	90
BT21B Seed Plants	51	51	43	84
BT22A Plant Physiology	50	49	48	96
BT31A Phycology	15	14	14	93
BT33A Ecology, Agroforestry and Sustainable Development	8	8	8	100
BT34A Principles of Plant Breeding	9	9	8	89
BT37Q Plant Health	10	19	18	95
BT38B Plant Biotechnology	8	8	6	75
Z20G Functional Organisation of Animal I: Maintenance System	51	49	44	86
Z20H Functional Organisation of Animals II: Coordination, Protection and Movement	48	48	43	90
Z30A Sensory and Neuromuscular Physiology	28	27	26	93
Z30B Metabolic Physiology	28	27	26	93
Z30G General Parasitology	27	27	27	100
Z30M Immunology	37	37	29	78
Z31C Fish Biology	10	19	19	100
Z31F Fisheries & Aquaculture Technology	11	11	11	100
Z32C Insect Biology & Systematics	11	11	11	100
Z32F Pest Management	16	16	16	100

Prizes Awarded

The following students were formally recognized for quality academic performance.

Preliminary Biology	Iliya Yejide Hamilton
Introductory Biology	Lucine M. Edwards Sean C. Swaby
Level II Zoology	Marc E. Phillpotts
L.B. Coke Plant Physiology Prize	Kimberly-Ann Byfield
Vincent McKie Zoology Prize	Autrene N. Buchanan

Graduate Programme Enrolment

MPhil programme	44 full time, 27 part time
PhD programme	4 full time, 9 part time

MSc Plant Production & Protection	9 part time
MSc Tropical Ecosystem Assessment & Management	8 part time

Award of Higher Degrees

Master of Philosophy

Nadia Ferguson	Supervised by Drs. Mona & Dale Webber
Christine Kirkwood	Supervised by Dr. Mark Thomas
Damian Nesbeth	Supervised by Dr. Eric Hyslop
Philip Rose	Supervised by Dr. Dale Webber
Kaydene Williams	Supervised by Dr. Phyllis Coates-Beckford
Peter Wilson-Kelly	Supervised by Dr. Dale Webber
Cesna McCain	Supervised by Dr. Mona Webber
Primrose Campbell	Supervised by Dr. Mona Webber
Celia Jackson	Supervised by Dr. Mona Webber

Doctor of Philosophy

Karl Aiken	Supervised by Prof. Brian Freeman
Audette Baile	Supervised by Dr. Eric Garraway

DEPARTMENT OF MATHEMATICS & COMPUTER SCIENCE

Professor Ronald E. Young, BSc, MSc *UWI*, PhD *St. And*
– Acting Head of Department

WORK OF THE DEPARTMENT



The Department had a year of highs and lows. Among the notable successes was the elevation to Professorships of **Drs. Wen Bin Zhang** and **Alexandra Rodkina**. Mrs Lila Rao and Mrs Gunjan Mansingh were admitted to pursue the one-off, PhD programme in Information Science being offered by the MSB and have started attending. Dr. Ezra Mugisa was awarded a Research Fellowship to carry forward his MORRESA project (**MORRESA** = **MO**na **RE**pository of **RE**usable **S**oftware **A**ssets), with his teaching duties assumed by Mr. Eyton Ferguson. Professor Mervyn Curtis resigned as Head of Department and left at the end of the year, upon termination of his contract. Concerns over the breakdown of civil relationships in the Mathematics Section prompted a Faculty Review and major overhaul of Faculty in the Section. The Dean, Professor Young was appointed to act as Head in the interim with the assistance of the Deputy Dean, Dr. (now Professor) Ralph Robinson.

Mr. Ashley Taylor, having completed the work for his PhD thesis, has returned to the Department, whilst awaiting the defence. He continues, however, to retain an affiliation with Georgia Tech University where he is involved with a major project related to his thesis work. A new batch of 5 students was admitted to the MSc in Biostatistics and, when it emerged that the planned total assumption of the programme at Monna, could not be effected, funds were identified through the University of South

Carolina to bring in lecturers to deliver some of the courses and to allow the students to complete the remaining courses and initiate their research projects at South Carolina. The students have now returned to the Mona Campus and are completing their projects. The programme has now been extensively revised, with increasing emphasis on the biomedical and epidemiological aspects, and it has been proposed that coordination be shifted to the TMRI who had provided the original impetus for the programme. The input from Mathematics will remain important. The MSc in Computer Science offered by the Computer Science Section in collaboration with the MIAS registered 30 students and has been progressing satisfactorily with the involvement of specially recruited lecturers as required.

The Computer Science Section instituted the **Karl Robinson Award** for the first time in 2004 in memory of the late the Dr. Karl Robinson who was the Head of the Computer Science Section at the time of his death. This award will be given annually to the final year student with the best academic performance. The award for 2003/2004 went to Cecil Reid.

The weekly seminar programme in both sections of the department continued to exhibit vigorous activity involving both lecturers and graduate students. Dr. Jonathan Farley Visiting Associate Professor at MIT and the recipient of the Harvard Foundation 2004 Distinguished Scientist Award, visited the Department in March and gave two talks on *Linear Extensions of a Ranked Poset, Enumerated by Descents: A Problem of Richard P. Stanley from 1981* and on *Breaking Al-Qaeda Cells: A Mathematical Analysis of Counter-terrorism Operations (A Guide for Risk Assessment and Decision Making)*. Dr Farley was also the keynote speaker at the Faculty Awards Ceremony on March 25, where he spoke on *The Prayer of Queen Dido: Preparing for West Indian Leadership and Global Dominance in Science, Industry, and Academia*. He also took the opportunity to conduct a class with one of the undergraduate groups in mathematics.

The vacant chair in Computer Science was advertised but no suitable applicants were identified. Arising out of this, it was agreed that the Department should host a workshop including the Computer Science and related faculty from the other campuses in order to define a unified University vision of what should be the major objectives of Computer Science regionally and locally, how our programmes in Computer Science should be orientated and how we should be organising to meet the objectives identified. A suitable time for holding this workshop has not yet been agreed on between the campuses.

Two of Dr. Ezra Mugisa's graduate students, Errol Dennis and Richard Pyne (PhD candidates) attended a conference in Austria in February 2004. They presented papers at the IASTED International Conference on Applied Informatics. Dr. Daniel Coore attended a conference in Boston in May 2004 and presented a paper on the topic: *Towards a Universal Programming Language for Amorphous Computing*. This is to appear in the Proceedings of the NECSI International Conference on Complex Systems 2004 (ICCS2004) (Special issue of InterJournal), New England Complex Systems Institute, Boston, MA.

Dr. Daniel Coore organised a track on Amorphous Computing for a Conference on 'Conventional Programming Paradigms' scheduled for September 2004 in France.

ABSTRACTS/CONFERENCE PRESENTATIONS

Dennis, Errol Hugh and **Ezra K. Mugisa**. Identification of Static Structures of Reusable Software Architectures. Proceedings of the IEEE SoutheastCon 2004, Greensboro, North Carolina, March 2004, IEEE 2004.

Pyne, Richard A. and **Ezra K. Mugisa**. Essential Elements of a Component-Based Development Environment for the Software Supermarket. Proceedings of the IEEE SoutheastCon 2004, Greensboro, North Carolina, March 2004, IEEE 2004.

Coore, Daniel. Towards A Universal Programming Language for Amorphous Computing. Presented at NECSI International Conference on Complex Systems 2004 (ICCS2004). Boston, MA. May 2004.

PUBLICATIONS

Refereed

- * Dennis E.H. and **E.K. Mugisa**. Reusable Software Architecture for an Accounting Information System, in M.H Hamza (editor) – Proceedings of the IASTED International Conference on Software Engineering, Innsbruck, Austria, February 2004, pp. 275-280. ACTA Press 2004.

- * Pyne R.A. and **E.K. Mugisa**. The Software Supermarket: A Catalyst for Component-based Software Development, in M.H. Hamza (editor) – Proceedings of the IASTED International Conference on Software Engineering, Innsbruck, Austria, February 2004, pp. 269-274. ACTA Press 2004.
- * **Rodkina A.** & Nosov V. On Stability of Some Non-linear Scalar Differential Equations. *Dynamic Systems and Applications*. Vol. 12. 2003. Pp. 285-294
- * **Rodkina A.**, Nosov V. and Gomez J.M. On Application of Kharitonov's Theorem to Analysis the Stability of Journal Bearings. *Functional Differential Equations*. Vol. 10. No 3–4. 2003. pp. 555-561.
- * **Rodkina A.** and Schurz H. A Theorem on Asymptotic Stability of Solutions of Non-linear Stochastic Difference Equations with Volterra Type Noise. *SACTA*, Vol. 6, No 1, 2004, Pp. 23-24.
- * **Rodkina A.** and Schurz H. Global asymptotic stability of solutions to cubic stochastic difference equations. *Advances in Difference Equations*. Vol. 3. 2004). Pp. 249-260.
- * **Rodkina A.** & Mao X. On Asymptotic Behaviour of Solutions to Non-linear Difference Equation with Nonmartingale Type Noise. Chapter 4 in a book "*Advance in Mathematics Research*", Vol. 6, Nova Science Publishers, 2004. Pp. 101-126.
- * **Zhang, Wen-Bin**. High Order Mean-Value Theorems for Multiplicative Functions via Halasz's Method. *Annales Univ. Sci. Budapest, Hungary, Sect. Comp.* 22 (2003), 395-402.
- * **Zhang, Wen-Bin**. Corrigendum: Mean-value Theorems of Multiplicative Functions on additive arithmetic semi groups, *Mathematics Z.*, DOI: 10.1007/Soo 209-004-0675-7, (2004).

DEPARTMENT OF PHYSICS

Donald Walwyn, BSc, PhD UWI – Head of Department

WORK OF THE DEPARTMENT

Teaching

With the exception of one undergraduate course, the general pass rate was good or satisfactory. Student assessment ranged from very good to satisfactory

Research

The Department's research activities continued to be led by the work of the Climate Modeling Group. The Group continued projects involving (i) The Threat of Dengue Fever – Assessment of Impacts and Adaptation to Climate Change in the Caribbean, (ii) Diagnostics and Prediction of Climate Variability and Human Health Impacts in the Tropical Americas, (iii) Developing the Caribbean El Nino News Network – CENNN and (iv) The structure and properties of synoptic systems that affect the Caribbean.

Research directed at developing solutions for GPS tracking, based on features of the GSM cellular network, operating in Jamaica, became more focused – concentrating on innovative approaches to error correction.

Research continued exploring ways to make the photovoltaic process more efficient in the Jamaican context. Research was initiated seeking ways to reduce the complexity of Coded Orthogonal Frequency Division Multiplexed Radio Transmissions.

Research in Progress

Dr. A.M.D. Amarakoon

- Climate variability/change impacts on agriculture, and renewable energy.

Mr. Lawrence Brown, Miss Cassandra Rhoden and Professor A. Chen

- Downscale global model results for use in the region.

Prof. A. Chen, Miss Cassandra Rhoden, Miss Jody-Ann Minott, Mr. Rainaldo Crossbourne, and Dr. Michael Taylor

- Investigate the link between Climate and Health (dengue fever in particular) and Climate and Agriculture (sugar cane yield).

Mr. Ronaldo Crossbourne, and Dr. Michael Taylor

- To develop a Caribbean Climate database.

Dr. L. Myers and Miss Darlene Fields

- Investigating the suitability of available photovoltaic technology to the Jamaican environment

Dr. Lucien Ngalamou and Mr. L. Buchanan

- The development of software tools for the design of Programmable Logic Controllers
- The design of a Petri Nets-to-Fuzzy Sets conversion for Discrete-Event Systems.

Dr. Andrew Russell

- Texas Instruments and their DLP technology

Dr. Andrew Russell, Prof. Alan Oppenheim and Mr. Sourav Dey

- “Digital pre-compensation for faulty D/A converters” project (an extension of PhD research)

Dr. Andrew Russell and Mr. Richard Hemmings

- Non-linear pre-distortion algorithm for an ultrasonic audio transducer using Simulink.

Dr. Joseph Skobla, Mr. Ryan Turner, Mr. Leonardo Clarke, and Mr. Glen McFarlane

- The Global Positioning (GPS) Micro-tracking System
- UWI GPS Tracking System

Miss Taniecia Stephenson, Dr. Michael Taylor, and Prof. Anthony Chen

- Investigate the synoptic processes which determine the climatology of the Caribbean rainy season, and how these are altered by the El Nino Southern oscillation phenomenon

Miss Taniecia Stephenson, Dr. Michael Taylor, Miss Jacqueline Spence and Prof. Anthony Chen

- Investigate the dynamics of the primary Caribbean dry season and how it is conditioned by sea surface temperatures in the tropical and Pacific oceans.

Dr. Michael Taylor, Miss Soyini Aida Ashby and Miss Tannecia Stephenson

- Create prediction models for seasonal rainfall in the Caribbean and Jamaica using global climate indices as predictors.

Dr. Donald Walwyn, Miss Yahnique Barrett and Miss K. Munroe

- Investigating the application of orthogonal frequency division multiplexing (OFDM) to broadband wireless access problems in the Jamaican environment.

PAPERS PRESENTED

- **Chen, A.A. W. Bailey and C. Heslop-Thomas** “Human dimensions of climate change in the Caribbean – taking stock and moving forward.” Open Meeting of the Global Environment Change Research Community, Montreal, Canada, October 16-18, 2003.
- **Owino, A., A. A. Chen, and C. Rhoden**, “Climate Change Scenarios for the Caribbean.” Communities and the Impact of Climate Change Conference. Winnipeg, Canada, March 2004.
- **Owino, A. and C. Rhoden**, “Use of Modeling and Scenario Tools.” Regional Workshop on Integrating Natural Hazard Impact Assessment into Environmental Impact Assessment (EIA). Barbados, February 11-12, 2004
- **Skobla J., R Turner, L Clarke, and C. Scarlett**, “Contribution to Error Correction GPS Tracking System”, IMEKO 2nd

International Symposium on Measurement, Analysis and Modeling of Human Functions, Genova, Italy, June 2004

- **Spence, J., M.A. Taylor, and A.A. Chen**, “The effect of concurrent sea surface temperature anomalies in the tropical and Atlantic on Caribbean rainfall”. 1st International CLIVAR Conference, June 2004, Baltimore, USA.
- **Stennett, R., and C. Rhoden** “Use of Modelling and Scenario Tools.” Regional Training Workshop on Integrating Natural Hazard Impact Assessment into Environmental Impact Assessment (EIA). Barbados, February 11-12, 2004.
- **Stephenson, T., and A.A. Chen**, “Modes and Circulation Features of the Dry and Early Wet Rainfall Seasons for the Caribbean” Poster. 1st International CLIVAR Conference, June 2004, Baltimore, Maryland, USA.

PUBLICATIONS

Refereed

- * **Amarakoon, A.M.D., Anthony Chen, Samuel Rawlins and Michael Taylor** Climate Variability and Patterns of Dengue in the Caribbean. AIACC Notes, 2(2), p. 8, November 2004; <http://www.AIACCPROJECT.org>
- * **Amarakoon, A.M.D. . A.A. Chen, S.C. Rawlins and M.A. Taylor** Dengue epidemics – its association with precipitation and temperature, and its seasonality in some Caribbean countries (16 pages) 49th Annual CHRC Council and Scientific Meeting, Grenada, April 21-24, 2004; WIMJ Supplement, 53 (2) p.60, 2004; ISBN: 0043-3144 WIMJAD
- * **Amarakoon, Dharmaratne, Roxanne Stennett and Anthony Chen** Climate Variability and Disease Patterns in Two South Eastern Caribbean Countries (15 pages). CEF-2, Trinidad, May 31-June 4, 2004
- * **Rawlins, S.C, A. Chen, M. Ivey, D. Amarakoon and Karen Polson** The impact of climate change/variability events on the occurrence of dengue fever in parts of the Caribbean: a Retrospective study for the period 1980-2002 (15 pages). 49th Annual CGRC Council and Scientific Meeting, Grenada, April

21-24, 2004; WIMJ Supplement, 53 (2), p. 54, 2004; ISBN: 0043-3144 WIMJAD

Non-Refereed

- * **Dey, Sourav, Andrew I. Russell and Alan V. Oppenheim**
Digital pre-compensation for faulty D/A converters.
- * **Myers, Leary, Fields, Darlene and Hall, Conroy**
“Development of Photovoltaics in Jamaica” CEIS Update Vol. 18, No.2, June 2004
- * **Russell, Andrew I., and Paul Beckmann** Sampling Rate Conversion US Patent Number 6,665,694
- * **Russell, Andrew, Alan Oppenheim and Sourav Dey**
“Digital pre-compensation for faulty D/A converters” presented at ICASSP conference in Montreal May 2004.
- * **Skobla, J.,** “GPS and Electronics” Science, Technology and Innovation UWI Leading Nation,” UWI Proceedings, 2004
- * **Skobla, J., and Mr. L. Clarke,** “A Microcontroller Cellular Based Communication Network for a GPS Error Correction System”, IEEE Proceedings, AEROSPACE, March 6-13, 2004.
- * **Skobla, J., and Mr. R. Turner,** “A Mapping Solution for GPS/GIS in Kingston, Jamaica”, IEEE Proceedings, AEROSPACE, March 6-13, 2004
- * **Skobla J., and Mr. G. McFarlane** “GPS Based Marine Communicator”, IEEE Proceedings, AEROSPACE, March 6-13, 2004

PUBLIC SERVICE

Dr. A.M.D Amarakoon,

- Examiner, Year 1 and 2 Physics, Joint Board of Teacher Education

Prof. A.A. Chen

- Fellow, Royal Meteorological Society

- Country Representative for Jamaica, Inter-American Institute for Global Change Research
- Member, National IGBP Committee
- Member, International Solar Energy Society, American Association of Physics Teachers, American Meteorological Society, Jamaica Society of Scientists and Technologists.

Dr. L. Myers

- Member, Board of Directors and Deputy Chairman of the Scientific Research Council
- Chairman, Product Research and Development Sub-Committee
- Member, Board of Directors, Spectrum Management Authority
- Chair, Human Resources Sub-Committee
- Member, National Energy Strategy and Forecasting Committee
- Judge, IEEE student competition at the IEEE conference Ocho Rios 2003

Dr. Andrew Russell

- Member, Moorlands Camps Committee
- Member, Board of Trustees, Jamaica Youth for Christ
- Consultant, Digital Signal and Image Processing for Texas Instruments Inc., Plano, Texas
- External Examiner, for two courses taught at C.A.S.E

Dr. J. Skobla

- Consultant, Bureau of Standards, Jamaica – GPS Time Dissemination

Dr. M.A. Taylor

- Member, American Geophysical Union
- Board member and Proposal Co-Author: Environmental Stewardship Committee of the Jamaica Baptist Union.
- Alternate Country Representative, Jamaica, Inter-American Institute for Global Change Research

Research Grants

US\$5,000 to support graduate research in climate variability from the Inter-American Institute for Global Climate Change Research. The grant was facilitated through the CRN73 project on ‘Climate Variability and Its Impact in the Mexican, Central American and Caribbean Regions.’

CATEGORIES OF STUDENTS

Undergraduate:

<u>Course</u>		<u>No. sat exam</u>	<u>No. passed</u>	<u>Pass rate %</u>
P04A	Preliminary Physics A 89	76		85
P04B	Preliminary Physics B 89	74		84
P14A	Introductory Physics A	150	96	64
P14B	Introductory Physics B	127	108	85
P23E	Modern Physics I	10	8	80
P23F	Optics & Oscillations 9	7		78
P23H	Electricity & Magnetism & Solid State Electronics	14	12	86
P24F	Signals and Systems	36	50	72
P24G	Electric Circuit Analysis	27	21	78
P24H	Communications Systems	53	48	91
P24J	Analog Electronics	23	19	83
P24K	Digital Electronics	46	32	70
P24L	Solid State Electronic Devices	35	29	83
P25F	Materials Science I	14	13	93
P33G	Physics of Climate	17	14	83
P33H	Fluid Dynamics and Renewable Energy	14	12	86
P33J	Electromagnetism and Solid State Physics	15	11	73
P34F	Digital Signal Processing	39	38	97
P34G	EM Transmission and Propagation	25	25	100
P34H	Digital Communications	40	38	95
P34J	Microcontroller Applications	30	30	100
P34K	Microprocessors	22	19	86
P34L	Instrumentation	14	12	86
P34P	Electronics Project	9	9	100

First Class Degrees with Majors in Electronics and/or Physics were awarded to **Ms Jodi-Ann Lai** and **Melissa Sturridge** as well as Messrs **Chad Andrade, Dwight Linton, Jahmai O’Sullivan, Cecil Reid** and **Adrian Walwyn**.

Two Postgraduate students completed their MPhil degrees. They are:

- Mr. Trevor Hall whose title was “**Relationships between Jamaican September, October and November Rainfall**”

and Hurricane Predicting Parameters” and his supervisor was Professor Anthony Chen.

- Miss Jacqueline Spence whose **“Examining the effect of concurrent sea surface temperature anomalies on Caribbean rainfall.”** Her supervisor was Dr. Michael Taylor.

Four (4) students were awarded the MSc in Digital Technology degree

Prizes Awarded:

The Departmental Prizes for academic performance in Level 2 courses were awarded to **Messrs. Chad Andrade** and **Cecil Reid**.

The Departmental Prize for academic performance in Level 1 courses was awarded to **Mr. Dale Ross**.

The Francis Bowen Bursary for Physics was awarded to **Ms. Jodi-Ann Lai**.

The Michael Tharmanahthan Memorial Bursary was awarded to **Ms. Melissa Sturridge**.

The First Place Poster Award went to **Ms. Tannecia Stephenson** for poster presented at CLIVAR Conference, Baltimore, 2004.

Best Publication, FPAS went to **Dr. M.A. Taylor** and **Professor A.A. Chen** at UWI Research Day Awards January 2004 for paper “Influence of the Tropical Atlantic versus the Tropical Pacific on Caribbean Rainfall.”

Research Fellowship was awarded to **Dr. M.A. Taylor**, August 2003.

**FACULTY OF
SOCIAL SCIENCES
MONA**

Year ending July 31, 2004



**Professor Barrington Chevennes, BA, MA *Boston Coll*, MSc *UWI*,
PhD *Col* – Dean**

Dean's Overview

This year marked the end of the terms of office for the Dean, **Professor Chevannes** and the Deputy Dean, **Dr Maxwell**. The Faculty wishes to record its gratitude for their dedicated service. Their period in office was marked by a concern of the enrichment of the student experience and a special care towards providing as much assistance as possible in helping students to overcome difficulties they faced in the completion of their academic programmes.

Enrichment Programmes

Initiatives undertaken extended to staff members and included the organization of regular art exhibitions, a significant expansion in the Faculty's art collection, a programme of artistic expression and the institution of a fun day to bring staff members together. This was backed by the identification of additional funds for student enrichment programmes such as field trips. Included among these was a trip to the Eastern Caribbean for a group of Anthropology students.

Of note also was the creation of the **Dean's Breakfast Club**, which sought to recognize excellence, build leadership and inculcate the value of service in our students. This aspect of service was integrated into the work of the Faculty with the development of a number of outreach programmes notably the Partners of Peace directed at stemming the tide of violence in Jamaica's inner-city communities.

Continued Expansion

While seeking to enrich the quality of the experience of studying and working in the Faculty considerable effort was also directed towards securing the growth of our Faculty. The completion of phase three of the McIntyre Building has meant that in a short period of time the space

occupied by the Faculty has more or less doubled. This has opened up the prospect for much better facilities including new computer and behavioural science labs. The full equipping of the building remains a challenge but the basis has been laid for a transformation of the facilities available to the Faculty.

The need for expanded space has been driven by the rapid growth in registrations at both the undergraduate and postgraduate levels. This growth has been across the board but has also been particularly dramatic in a number of programmes most notably those in psychology which a few years ago was not offered as a major in our Faculty. The introduction of a programme in banking and finance through the cooperation of the Departments of Economics and Management Studies represents another popular programme that has diversified our options.

Postgraduate Programmes

The rapid growth in the undergraduate registrations in recent years has been paralleled by a rapid growth in the taught master's programmes. This report focuses on these programmes to illustrate the current trends. In 2002-2003 a 20% increase was recorded in the numbers registered in these programmes. This growth was not sustained in 2003-2004 pointing to the fact that although growth has been rapid it has not been uniform.

There was a decrease in enrolment, which dropped from 930 in the previous year to 898 although this was offset to a small degree by an increase from 37 to 52 in registrations of specially admitted students.

MBA/MSc Total Enrolment

Year	MSc/MSW	MBA/EMBA	TOTAL
2001	563	209	772
2002	704	226	930
2003	637	261	898

There was also a similar trend in the registrations for the MPhil and PhD degrees although the numbers in these programmes were much smaller. Registrations in the MPhil/Phd programmes accounted for 67 students as against 65 for the previous year. The through-put rate for PhDs remained low. Interviews were held with 14 supervisors and students. These students have been registered in programmes started between 1994/95 and 1998/99 and completion time-lines were worked out and agreed to.

On this basis therefore, it is expected that with the next 2 academic years, the through-put record should reflect a much more impressive figure.

MPhil Enrolment by Discipline

Discipline	2001-02	2002-03	2003-04
Economic Development Policy	3	6	6
Governance	2	5	4
Social Policy	4	6	6
Development Studies		2	11
Gender and Development		2	27
Sociology 2	2	1	
Government	7	10	8
TOTAL	22	33	33

PhD Enrolment by Discipline

Discipline	2001-02	2002-03	2003-04
Economic and Development Policy	1	2	3
Governance	1	1	1
Social Policy	6	6	6
Development Studies	2	2	2
Sociology 2	2	2	
Sustainable Development	4	7	8
Government	9	10	10
Gender and Development Studies	2	2	2
TOTAL	27	32	34

A more detailed look at the taught programmes indicates widely varying changes in registration. The Department of Sociology, Psychology and Social Work introduced its new taught programme in Applied Psychology to which 15 students were admitted. The intake of new Masters students nonetheless reflected an almost 12% decrease when compared to the previous year, which had seen an unusually high registration enrolment in comparison to the two years preceding that one. Those programmes, which saw increases in enrolment, were the MBA, Clinical Psychology, Accounting and Government. Enrolment in the HRD programme was cut by 50%, as there was no new cohort in the year being reviewed. During the report period the Faculty gained approval for a new MSc degree in International Economics and International Law to begin September 2004.

Again as in the previous years, part-time enrolment remained relatively higher than full-time enrolment due in part to the emphasis placed on

making provisions available those persons who work. Of the total enrolled, the graduating class represented 288.

Full Time Enrolment

Year	MSc/MSW	MBA/EMBA	TOTAL
2000	275	185	460
2001	176	40	216
2002	217	46	263
2003	179	39	218

Part Time Enrolment

Year	MSc/MSW	MBA/EMBA	TOTAL
2000	275	185	460
2001	383	173	556
2002	471	180	651
2003	458	222	680

The number of students to have received assistance from the Departmental Awards and Fellowships was Fifty-Five, which exceeded last year's forty-nine. This assistance was in excess of the J\$8m mark and represented J\$1m more than the previous year. Other external funding amounted to just over J\$3.5m and US\$12,500 dispersed among 10 students. A breakdown of the Departmental Awards and Fellowships is as follows:

Department	Number of Students	Amount (J\$m)
Economics	20	2.90
Government	6	0.72
Soci/Psych/SW	22	3.30
ManagementStudies	6	0.90
MSB	1	0.50
Total	55	8.32

Distance, Franchised and Joint Degree Programmes

Special mention needs to be made of the changing patterns of registrations of students pursuing studies away from the Mona Campus. The introduction of the option of registering for a full time load using the distance mode was primarily taken up by finalizing students. This saw a significant increase in the number of students graduating under the

distance mode. This was also accompanied by an improvement in the class of the degrees awarded.

Classification of Awards

Year	First Class	Upper Second Class	Lower Second Class	Pass	Inc.	Tot.
2001/2002	..	1 (3%)	12 (38%)	..	19 (59%)	32
2002/2003	..	6 (15%)	16 (42%)	7 (18%)	9 (24%)	38
2003/2004	6 (10%)	10 (16%)	32 (51%)	9 (14%)	6 (10%)	63

From the point of view of the future for the franchising of the UWI programmes there were two positive developments. The first related to the Jamaica Constabulary Staff College which produced its first cohort of graduates. In addition an agreement was established for the Management Institute for National Development (MIND) to offer Level II of the BSc in Public Sector Management.

Despite these developments there was a general fall off in the demand for franchised programmes with less than half of the original thirteen institutions continuing within the franchising arrangements which are currently under review. Numbers of students applying for and registered in these programmes continue to fall. In contrast a strong demand has been maintained for the joint UWI/UTEC degree.

The numbers in this programme have been maintained for 2003-2004 at approximately the same level as has been experienced in recent years. The planned review for this degree was not completed during the year but some progress was made and it is expected that the review will be finalized in 2004-2005.

	Applied	Offered	Registered
2001/2002	348	99	84
2002/2003	234	114	101
2003/2004	295	96	88

Research Output

In the last report on the Faculty's work it was noted that research output appeared to have reached a plateau. Efforts to promote further growth in research, including interventions designed to stimulate the conversion of conference papers into journal articles were undertaken during the year. Up to now these have not produced significant results. Making sure that uniform standards are used in counting publications are difficult. In

addition the data for the Mona School of Business was not available. Despite this the table below illustrates what has been concluded above. In recent years a number of members of staff have been taking advantage of the Mona Academic Fellowships and it is hoped that these and other initiatives will begin to produce a significant increase in the Faculty's research output.

	Books/Monographs		Book Chapters		Journal Articles		Total	
	2002-03	2003-04	2002-03	2003-04	2002-03	2003-04	2002-03	2003-04
Econ	-	2	-	2	9	5	9	9
Govt	-	4	9	14	6	4	15	22
DOMS	2	2	6	3	16	5	24	10
MSB	1	NR	-	NR	4	NR	5	NR
SALISES	4	5	3	9	6	9	13	23
SPSW	3	1	8	2	8	8	19	11
Total	10	13	26	30	49	28	85	75

Conferences

There were a number of significant conferences and presentations during the year. Special mention can be made of the now well established annual "Caribbean Reasoning" and the biennial "International Conference on crime and criminal Justice". The former was held this year under the theme of "Culture, Politics, Race and Diaspora: The Thought of Stuart Hall". Also of note was the conference held in honour of Hermione McKenzie who retired after four decades of service to the University. The Faculty itself sponsored "The University of the West Indies: Bridging the gap with the community".

These notable conferences relate in part to the work of the growing number of research centres and groups that are being organized in the Faculty to focus on areas of common interest and relevance to the communities served by the UWI. The Centre for Caribbean Thought it now well established. More recently approval has been given for the establishment of a centre focusing on issue relating to crime, peace and justice. In the Department of Economics and the Mona School of Business efforts have been made to establish come to terms with issues relating to the Caribbean diaspora. The Centre for Population, Community and Development also had a very active year.

Public Service

One area in which the Faculty has continued to play a very significant role is in the field of public service. The list of public, private, and civic bodies on which members of staff serve is too long to list here. Indeed even the Departmental reports do not do full justice to this area as colleagues are called on to list only the most significant committees on which they serve.

Conclusion

The Faculty continues to demonstrate a strong hand in producing large numbers of graduates as well as postgraduates from the taught programmes. It also continues to live up to its long tradition of service to the community. In the areas of research based post graduate programmes and more generally research output it has not been as successful. In recent years the leadership of the Faculty and of the Campus has been drawing both drawing this weakness to the attention of the members of staff as well as providing new opportunities and pathways which can lead to improvement. In the coming year we will see the extent to which these efforts have shown initial success.

DEPARTMENT OF ECONOMICIS

Michael Witter, BSc *III*, MSc, PhD *Wisc* – Head of Department



WORK OF THE DEPARTMENT

Recruitment of new academic staff continues to be a major challenge. It has been very difficult for the Department to catch the attention of new PhDs on the international job market, and when it has, the UWI's negotiation process is too slow and our offer tends to be uncompetitive. However, we were successful in attracting Dr. Toshihiro Uchida, a new graduate from Georgia State University, and he has joined us for the new academic year.

A highlight of the Department's Outreach activities was the visit and Distinguished lecture by Professor Colin Kirkpatrick of the Institute for Development Policy and Management of the University of Manchester. Prof. Kirkpatrick took the opportunity to meet with one of his current doctoral students, Mr. David Tennant, a lecturer in the Department of Economics here at Mona, and to renew acquaintances with former students and colleagues. In addition, he explored ways of strengthening relations between his Institute and our Department, and to invite participation in the conference hosted by the University of Manchester to celebrate the 50th anniversary of W. Arthur Lewis famous essay, "Economic Development with Unlimited Supplies of Labour" which was first published by Manchester.

Our graduate students continued to distinguish themselves. They uniformly receive high commendations for their work as interns in public and private sector institutions in Jamaica and the rest of the Caricom region. Once again three of our students presented papers at the Southwest Economics Association annual conference. Several graduates are excelling at the workplace and in doctoral programmes in major universities in North America and Europe.

We have collaborated with the Department of Government to design and we have won approval for a new MSc degree in International Economics and International Law. The first cohort for this new degree enters in September 2004.

Summer school 2004 was again very successful. The number of students declined slightly compared to 2003, and as a result we offered one less course. Nevertheless, the semester went smoothly with hardly an administrative snag.

This has typified the performance of the administrative staff in the Department's office. They have become quite a professional team that is proud of their customer service standards and their leadership in utilizing IT solutions to automate the administrative processes. The Department pulled together under the Acting Headship of Mr Claremont Kirton. Ms. Stephanie Pinnock, a Senior Secretary in the Department, completed her BSc degree with first class honours.

Teaching assessments were again generally strong, with few instances of lecturers being scored less than 4 out of 5. Special mention should be made of the young lecturers on temporary contracts who have given distinguished service.

The Department has received kudos from the business world for the introduction of the banking and finance degree. Already, we are being encouraged to expand its offerings to embrace training in the wider financial services as well as the regulation of the financial services sector.

RESEARCH IN PROGRESS

Abdulkadri Abdullahi Dr

- Economic burden of chronic diseases in the CARICOM states
- Analysis of marketing margins for major food crops in Jamaica
- Consumer knowledge of, attitude towards, and perception of genetically modified foods

Alleyne Dillon Dr

- (with Georgia McLeod, Claremont Kirton and Mark Figueroa) 2004. ‘Determinants of Migrant Remittances: The CARICOM experience’.
- (with Georgia, McLeod, Claremont, Kirton and Mark, Figueroa) 2004. “Macroeconomic Determinants of remittances Flows to Jamaica” 1983. 1-2001.4.’
- 2003. “Tax Reform in the Caribbean Region”.

Figueroa Mark Mr

Caribbean Economic Thought: Establishing a Firmer Foundation for the Field of Study

- Economic thought in the English-speaking Caribbean Academic and Pre-Academic
- The Political Economy of Jamaica’s Inner City Electoral Contests.
- Defining and Measuring Remittance Flows to Caribbean Countries: The Case of Jamaica, with Dillon Alleyne and Claremont Kirton
- Challenging Gender Privileging Issues of Leaderships and Body Image

Ghartey Edward E Dr

- “Dynamic Panel Empirical Evidence of Exchange Rate Regimes: A Common Currency Case for the CSME”
- “Foreign Exchange Market Efficiency: Evidence from Latin America and Asian Countries”
- “Empirical Analyses of the Financial Experiences of Mexico and Jamaica in the Mid 1990’s”
- “Exchange Market Pressure, Sterilized Intervention and Monetary Policy in Ghana”
- “Term structure of interest rates as means of forecasting interest rates and inflation in developing economies”
- “Monetary and macroeconomics issues in the context of developing economies”

- “Random Walk as a Universal Test of Weak-form Foreign Exchange Market Efficiency: A Theoretical Proof.” 2002
- “Measurement of Underground Economy and Implications for Policy: A Critical Review.” 2002
- “Exchange Market Pressure and Reserve Fluctuations: The Mid 1990s Mexican Experiences.” CD ROM. 2001
- “Hemispheric Free Trade: Caribbean Priorities.” 1994

Henry Wayne Dr

- “Impact of Globalization on Agriculture, Manufacture and Mining Industries in Jamaica”, IDB funded study
- “Financing Agriculture in Jamaica: An Assessment”, funded under the Mona Research Fellowship Programme of the University of the West Indies.

King Damien Dr

- “Globalization and the Jamaican Macroeconomy”

Kirton Claremont Mr

- Financial sector behaviour in the Caribbean
- Regional economic integration
- Remittances
- Informal economy (with M.Witter)

Madjd-Sadjadi, Zagros Dr

- “The Economics of Crime, Corruption and Terrorism”.
- The history of Chinese Economic Thought
- Examining whether different regions in the United States have different reactions to monetary policy.

Persaud, Wilberne Mr

- History of the Department of Economics covering the period of establishment in 1955 to the present.
- Performance of students in Economics degree courses.

- Coping with “crises”/change in higher education – US Research Universities and Britain with a view to making comparisons with the Caribbean
- Economics of technological change and development
- Financial sector crises

Tennant David Mr

- The relationship between financial sector intermediation and economic growth; and the effects of financial sector fragility. (PhD research)

PAPERS PRESENTED

Abdulkadri, Abdullahi Dr

- “Determinants of Price Spread in Food Crop Markets in Jamaica:
- A Case Study of Negro Yam.” 17th annual National Conference on Science and Technology, Scientific Research Council, Kingston, Jamaica, November 19-22, 2003, pp. 10.
- (with D.R. Duncan) “Consumer Knowledge and Perception of Genetically Modified Foods.” 17th annual National Conference on Science and Technology, Scientific Research Council, Kingston, Jamaica, November 19-22, 2003, pp. 10.
- (with A. Ajibefun) “An Analysis of Farm-Retail Spread for Jamaican Fresh Fruits.” Southern Agricultural Economics Association annual meeting, Tulsa, OK, February 14-18, 2004, pp. 15.
- (with R. Hutchinson) “An Analysis of Farm-Retail Price Spread for Tuber Crops in Jamaica.” 84th annual meeting of the Southwestern Economics Association, Corpus Christi, TX, March 17-20, 2004, pp. 14
- (with D.R. Duncan) “Optimal Strategies in Auctioning Government Contracts: The Case of the Highway 2000 Project in Jamaica.” 84th annual meeting of the Southwestern Economics Association, Corpus Christi, TX, March 17-20, 2004, pp. 26.

- (with Madjd-Sadjadi, Z.) “Is There an Optimal Non-Zero Level of Protectionism?” Canadian Economics Association annual meeting, Toronto, on, June 4, 2004, pp. 16.

Alleyne Dillon Dr

- (with Elsie, Le-Franc) 2004. Injuries and their Health Consequences. Technical Consultation of the Caribbean Commission on health and Development(CCHD). June 3-4.
- (with Z. Madjd-Sadjadi) 2004. The potential Jamaican impact of criminal deportees from the US. 3rd International Conference on Crime and Criminal Justice in the Caribbean, February 11-14,2004.Kingston, Ocho Rios, Jamaica.[25 pages]

Figueroa Mark Mr

- “W. Arthur Lewis’s vs the Lewis Model: Industrialization or Agricultural Development?”, to The Lewis Model After 50 Years: Assessing Sir Arthur Lewis's Contribution to Development Economics and Policy, University of Manchester, UK, 6 - 7 July 2004, pp. 24.
- “Jamaica’s Political Garrisons as a Context for Gang Activity”, Conference on Central American Youth Gangs Domestic and Imported Characteristics and Their Transnational Implications, Sponsored by the US Department of State, Arlington Virginia, May 28, 2004, pp. 19.
- “Economic Perspectives of the English-speaking Caribbean” (in Spanish) to the Economics Faculty of the University of Havana, Havana, Cuba, 19 February 2004, pp. 15.
- (with Dillon Alleyne and Claremont Kirton) “Financial Flows from the Caribbean Diaspora: Evidence from the Jamaican Survey of Living Conditions”, Globalization and Development Problems 6th International Meeting of Economists, 9-13 February 2004, Havana, pp. 18.
- “A City Confronts Its Problems: The 1938 Economic and Industrial Conference Called by Kingston’s Mayor Anderson”, Citylife in Caribbean History, UWI, Cave Hill, Barbados, December 11-13, 2003, pp 24.

- (with Georgia McLeod, Dillon Alleyne and Claremont Kirton) “The Long Run Macro Economic Determinants of Remittance Flows to Jamaica 1983 – 1999”, 35th Annual Conference of the Caribbean Centre for Monetary Studies (CCMS), St. Kitts, November, 2003
- “Development of Economics as an Academic Discipline in the English-speaking Caribbean”, pp. 12; and
- (with Dillon Alleyne, Claremont Kirton) “Determinants of Migrant Remittances: The CARICOM Experience”, to conference above
- “Challenging Gender Privileging: A Caribbean Experience”, Mona Academic Conference, Gender in the 21st Century Perspectives, Visions and Possibilities UWI Mona, August 29-31, 2003, Kingston, Jamaica, pp. 26.

Ghartey Edward E Dr

- “Efficient Exchange Market and Dollarization-Inflation targeting Alternative: Evidence from Chile, Mexico, Singapore and South Korea,” Session on Financial Transition, ISINI Conference, Lille Graduate School of Management, ESC, Lille, France, August 20-23, 2003.
- ”Dynamic Panel Empirical Evidence of Exchange Rate Regimes: A Precursor to Common Currency for the CSME” Session on Regional Exchange Rate Regimes II, The Athenian Policy Forum’s 7th Biennial Conference on Asymmetries in Trade and Currency Arrangements in the 21st Century, Deutsche Bundesbank, Frankfurt, Germany, July 28-31, 2004.

Henry Wayne Dr

- “Measuring Socio-Economic Impacts”, Social Impact Assessment Conference, UWI, July 26th – 30th, 2003.

King Damien Dr

- “The Seven Habits of Rapidly Growing Economies,” Partnership for Progress Seminar, Knutsford Court Hotel, February 2004.

Kirton Claremont Mr

- (with G. McLeod, M. Figueroa) “The Importance of the Diaspora to Small Island Developing States”, Size Power and Development in the Emerging World Order, March, 2004, Institute of International Relations, The University of the West Indies, St Augustine, Trinidad.
- (with E. Gregory and R. Marsh), “Criminal Victimization of Jamaican firms: Experiences with Fraud”, 3rd International Conference on Crime and Criminal Justice in the Caribbean, UWI, Jamaica, February, 2004.
- (with D. Alleyne and M. Figueroa), “Determinants of Migrant Remittances: The CARICOM experience”, VIIIth Conference of the Association of Caribbean Economists (ACE), Haiti, November, 2003.
- (with M. Figueroa and D. Alleyne) “Defining and Measuring Flows of Remittances to the Caribbean: The Jamaican Case”, VIIIth Conference of the Association of Caribbean Economists (ACE), Haiti, November, 2003.
- (with Arlene Bailey), “Regional Agricultural Policy in CARICOM Countries: Examining Issues in Agricultural Policy Networking,” Scientific Research Council 17th National Annual Conference on Science and Technology, Kingston, Jamaica, November, 2003
- “CARICOM Regional Agricultural Policy: A Preliminary Assessment”, 35th Annual Conference of the Caribbean Centre for Monetary Studies (CCMS), St. Kitts, November, 2003

Madjd-Sadjadi, Zagros, Dr

- (with Abdullahi Abdulkadri) “Relative Versus Absolute Gains Maximizers in Free Trade Regimes: A Game-Theoretic Analysis,” Canadian Economic Association Annual Meeting, Ryerson University, Toronto, Canada, June 2004, 16 pages.
- “Is Canadian Voting Behaviour Regionalized? A Polimetric Analysis” University of Missouri, Columbia Canadian Studies Seminar, April 2004, 35 pages.
- (with Patrick James) “Politics, Economics and Conflict Continuity and Change in Systemic Democracy,” Conference on Systemic Democracy, University of Iowa, March 2004, 41 pages.

- “Comparing Outcomes: Apprenticeship in Canada, the United States, and Australia”, Southern Association for Canadian Studies Founding Meeting, Atlanta, August 2003, 20 pages.

Persaud, Wilberne Mr

- “Introducing Economics and Social Sciences to U.W.I. – 1955 to 1962: The Influence of Sir Arthur Lewis” , Working paper, Department of Economics Seminar
- “A view of Technology and its impact on Jamaican Agriculture: what is to be learnt from Technological change in general and the work of TP. Lecky ”, Plenary Session of the Conference Science and Technology for Economic Development: Technology Driven Agriculture and Agro-Processing, November 19-22, 2003

Tennant, David Mr

- ‘Measuring the Effectiveness and Efficiency of Financial Sector Intermediation in Jamaica (1986 – 2002)’, Department of Economics Faculty Seminar Series, University of the West Indies (Mona), May 2004, 64 pages

Witter Michael Dr

- “Economic Vulnerability in the Caribbean: Case Studies”, Meeting of experts in Dominica, October, 2003
- “Water and Civil Society”, presentation to the Chat Bout Series, UWI, Mona, November 2003
- “Culture and Building Resilience in SIDS”, International Meeting of SIDS, Bahamas, January, 2004
- Four lectures to the students in the SIT programme, Spring 2004, on Economic Development with special reference to the experience of Jamaica, February, 2004
- “Post-Colonial Development in the Caribbean”, Lecture to the Conference of Caribbean Students, Macalester College, April 2004
- “Choosing Life for the Caribbean Sea”, First Minister of the Environment Awards, World Environment Day, June 5, 2004, Barbados

- “Globalization and the Jamaican Economy”, to visiting students from Holy Cross College, June 11, 2004
- “Impact of Global Developments on Jamaica”, to visiting students from Michigan State University, June 12, 2004

PUBLICATIONS

Abdulkadri, Abdullahi Dr

Refereed

- * (with Ajibefun, I.A.) 2004. “Impact of Size of Farm Operation on Resource Use Efficiency in Small Scale Farming: Evidence from Southwestern Nigeria.” Food, Agriculture and Environment, Vol. 2 (1): 359-364.

Alleyne Dillon Dr

- * (with N. Karagiannis) 2003. A New development Strategy For Jamaica:with special consideration of international competition and the FTAA”. Arawak Publications. [pp:1-117]
- * (with Ian, Boxill) 2003. “The Impact of Crime on Tourist Arrivals in Jamaica ”. International Journal of Tourism Research. No.5. [pp:381-391]

Figueroa Mark Mr

- * “Male Privileging and Male Academic Underperformance in Jamaica”, in Interrogating Caribbean Masculinity, ed. by Rhoda Reddock, The UWI Press, Kingston, Jamaica, Barbados, Trinidad and Tobago, 2004, pp. 137-66.
- * (and Amanda Sives), “Garrison Politics and Criminality in Jamaica: Does the 1997 Election Represent a Turning Point”, in Understanding Crime in Jamaica: New Challenges for Public Policy, ed. by Anthony Harriott, UWI Press, Jamaica, Barbados, Trinidad and Tobago, 2003, pp. 63-88.

Francis Alfred Professor

- * (with Kaycea T. Campbell) 'A Supply function for Violent Crime in Jamaica' Caribbean Journal of Criminology and Social Psychology, Jan & July 2002 volume 7 nos. 1&2.

Freckleton Marie Dr

- * "European Union- ACP Trade: An assessment of the ACP Challenge" Global Development Studies vol.3 nos. 1-2 , 2003 pp. 241-260

Madjd-Sadjadi, Zagros Dr

- * "The Three Faces of John Elliott: His Contribution to Political Economy", American Review of Political Economy 2, 1 (June 2004): 58-84.
- * "Genesis: An Economic Reinterpretation", Rethinking Marxism 16, 4 (April 2004): 211-214.

Non-Refereed

- * Alleyne, D. 2004, "The Demand for Imports in Jamaica: 1972-2000", in N. Karagiannis and M. Witter (Ed), The Caribbean Economies in an Era of Free Trade, Aldershot: Ashgate. [pp. 187-203]
- * Alleyne, D. Sally Wallace, Roy Bahl and James Alm, 2004, Tax Burden in Jamaica, Working Paper No.9. Andrew Young School of Policy Studies, Georgia State University, Atlanta Georgia. Tax Reform. Working Paper No. 9. August.

Ghartey Edward E Dr

- * "Inflation Targeting as Solution to Fiscal Dominance," Daily Observer, April 16, 2004.

Kirton Claremont Mr

- * Jamaica's External Debt: Estimation, Analysis and Policy Implications, Arawak Publications, Jamaica, 2004, 80 pp.

PUBLIC SERVICE

Alleyne Dillon Dr

- Member, Monitoring Committee of the Memorandum of Understanding(MOU).
- Member, Editorial Advisory Committee of the Central bank of Barbados, Quarterly Economic Review.

Figueroa Mark Mr

- Member, Jamaica Environmental Trust

Francis Alfred Professor

- Member, Board St. Aloysius School and St Joseph’s Infant School.
- Member, CAFSA Foundation

Ghartey Edward E Dr

- Member, Economic Council of Britain in Europe
- Advisory Board Member, North American Economics and Finance Association
- Member, Bye-Laws Reform Committee, International Society for Intercommunication of New Ideas.
- Editorial Board Member, Opus 1, Journal of Under- graduate Studies.
- Member, African Finance and Economics Association (Constitution and By-Laws Reform Committee,)

Henry Wayne Dr

- Member, Board of Directors, Bank of Nova Scotia Jamaica Limited
- Member, Board of Directors, Scotia Jamaica Investment Management Limited
- Member, Technical Review Committee, Agricultural Support Services Project (ASSP), Inter-American Develop- ment Bank and Government of Jamaica

King Damien Dr

- Member, Economic Policy Committee – Private Sector Organization of Jamaica.

- Member, Partnership for Progress

Madjd-Sadjadi, Zagros, Dr

- Member, Executive Committee, Southern Association for Canadian Studies in the United States
- Acting Editor-in-Chief, Southern Journal of Canadian Studies
- Editor-in-Chief, American Review of Political Economy

Persaud, Wilberne Mr.

- Board member, of the failed Ciboney Group Ltd. with a view to resolution of its affairs

Witter Michael Dr

- Member, Board of Directors of the Dyoll Group of Companies and the Dyoll Insurance Company
- Member, Executive of CVSS
- Member, Board of Management of St. George's College
- Founding Member, of LIFE
- Member, Monitoring Committee for the MOU
- Member, Regulatory Impact Assessment Committee

Prize Awarded:

The following prizes were awarded by the Department for the academic year 2003-04

Department of Economics prizes (Economics and Statistics) **Mr. Gary Lyn** and **Miss Kerry-Ann Spencer**

Department of Economics Award (Graduate) **Mr. Denvil Duncan**

George Beckford Prize (Graduate) **Mr. Damion Brown**

Special Presentation

The University Undergraduate Stock Market Competition (Banking and Finance) **Miss. Latoya Williams**

CATEGORIES OF STUDENTS

Graduating Statistics – 2003/2004

	Class of Degree Obtained				
	1 st	Upper 2 nd	Lower 2 nd	Pass	Total
BSc Economics (Special)			1	1	2
BSc Economics (Major)	13	18	33	14	78
BSc Economics (Minor)	3	6	16	2	27
BSc Business Economics and Social Statistics			2	—	2
BSc Statistics (Major)	5	8	4	1	18
BSc Statistics (Minor)	2	3	6	1	12
MSc Economics	(three with distinctions)			14	17

Registrations by Programme and Status

	Full time	Part time	Total
BSc Economics (Special)	14	4	18
BSc Economics (Major)	266	78	344
BSc Economics (Minor)	44	17	61
MSc Economics	33	6	39
BSc Business Economics & Social Statistics (Special)	4	2	6
BSc Statistics (Major)	8	4	12
BSc Statistics (Minor)	4		4
Banking and Finance	54	36	90

DEPARTMENT OF GOVERNMENT

**Stephen Vasciannie, BSc (UWI), MA (Oxford), LL.M (Camb.),
DPhil (Oxford) – Head of Department**



WORK OF THE DEPARTMENT

Throughout the Academic Year 2003 to 2004, the Department of Government continued its efforts to provide students with a welcoming, but challenging, environment for their academic pursuits. Some academics in the Department continued to invest in research activities for the benefit of Jamaica and the wider Caribbean, and others played a significant part in helping the University of the West Indies promote its public service mandate. At various times in the year, these activities took place against a background of uncertainty, particularly in respect of financial questions; but, as a general proposition, the financial difficulties faced by the Department of Government have not weakened significantly the commitment, dedication and energy of its members.

With respect to teaching, members of the Department continue to be highly rated by those students who make the effort to complete evaluation forms. A clear majority of lecturers in the Department received overall ratings of more than 4.0 (out of a maximum of 5.0) in various surveys of teaching performance throughout the year.

As to research, the output of lecturers in the Department for this year was good, but there is scope for improvement. For this year, Professor Trevor Munroe, and Drs. Jessica Byron and Anthony Harriot continued on Mona Research Fellowships, while Professor Rupert Lewis returned to teaching from a Mona Research Fellowship in January 2004. Dr Clinton Hutton embarked upon a Mona Research Fellowship in January 2004, while Professor Brian Meeks joined him June 2004. The Department has

already seen some of the fruits of these fellowships, and we expect even greater flowering in the coming Academic Year.

In the area of public service, members of the Department has continued to provide valuable leadership through their contributions on various boards in the public and private sectors.

Members of the Department contribute to public commentary in various ways, but it should be noted here that throughout the Academic Year, Dr. John Rapley, Mr. Robert Buddan, Dr. Ivan Martinez and Professor Stephen Vasciannie wrote regular columns Jamaican newspapers.

The Department's contribution to the University's mission may also be measured by the number of our students who have taken degrees. The relevant statistics are set out in the Annex to this Report. At the level of the PhD, the Department is particularly pleased to note that three candidates – Eris Schoburgh (on Local Government Reform), Marjorie Brown-Charles (on South-South Cooperation in International Trade), and William Lecky (on Public Transportation in the Kingston Metropolitan Region) – took the highest degree on offer in the Department. One student from the Department, Dana-Marie Morris, was awarded a Fulbright Fellowship to pursue the PhD degree at the University of Denver Graduate School of International Studies, while another, Patrice Laird-Grant took a Commonwealth Scholarship to read for a PhD in International Relations at the University of London. We offer special congratulations to them all.

Throughout the year, the Department was also keen to promote seminars, conferences and other academic gatherings. Largely through the efforts of Dr. Anthony Harriot, the Department hosted the 3rd International Conference on Crime and Criminal Justice at Mona, in February 2004; participants in this major effort came from the Caribbean, the United States, the United Kingdom, South Africa, and elsewhere. At the same time, the Department of Government, mainly through the efforts of Dr. Lucy Eugene, took a leadership role in organizing the World Trade Organization/UWI Sponsored Course on International Trade matters, from February to April 2004; participants in this course, which was put on with guidance and support from the Office of the Principal, were drawn mainly from the public sector in different CARICOM member States. In February 2004, Dr Martinez and Professor Lewis organized and participated in the Ralph Bunche Symposium, which featured presentations by Her Excellency Sue Cobb, the United States Ambassador to Jamaica, Professor Benjamin Rivlin, Co-Chairman of the Ralph Bunche

Centenary Commemoration, and Dr Martinez, on the life and philosophy of the African-American leader. This symposium was generously funded by the Office of the Principal. As is now customary, Dr Hutton was instrumental in organizing and leading the proceedings at the Peter Tosh Symposium, in October 2003; Dr Hutton also worked with Dean Chevannes in organizing a conference under the heading “The University of the West Indies: Bridging the Gap with the Community”, put on by the Faculty of Social Sciences in September 2003. With leadership mainly from Professor Lewis and Mr Allan Bernard, the Department also presented a student symposium on “Garvey’s Legacy in Context: Liberty Hall Living Again”, in April 2004. In April 2004, Dr Christine Cummings organized the annual “Cricket, Lovely Cricket” Seminar for the benefit of the public. In May 2004, Professor Stephen Vasciannie presented his Inaugural Lecture, entitled “US and THEM: International Law in a Time of Trial.”

The Centre for Caribbean Thought, under the inspired leadership of Professors Meeks and Lewis (together with Professor Tony Bogues, Chair, Africana Studies, Brown University) continued to play a significant role within and on behalf of the Department of Government. In June 2004, in the third in its series of “Caribbean Reasonings”, the Centre held a special conference under the theme, “Culture, Politics, Race and Diaspora: The Thought of Stuart Hall.” in honour of Professor Stuart Hall, internationally acclaimed, British-based, Jamaican academic, cultural scholar, and activist. In October 2003, the Centre for Caribbean Thought also held a seminar at the St. Augustine Campus of the University, on “The Life and Times of George Padmore: Black Radicalism in the 20th Century.” This seminar was co-sponsored by the Principal’s Office and Brown University. In the course of the year, the Centre for Caribbean Thought recruited two Research Assistants, Mr Allan Bernard and Mrs Sonja Niaah, while Ms Adlyn Smith has been seconded as Administrative Secretary to the Centre. Professor Obika Gray of the University of Wisconsin became the Centre’s first Visiting Scholar (when he arrived) in February 2004.

During the course of this year Professor Stephen Vasciannie received the Vice Chancellor’s Award for Teaching. Dr Anthony Harriot and Professor Stephen Vasciannie also received the Principal’s award for Top Researcher in the Faculty of Social Sciences, in connection with the 2004 Research Day proceedings. Mrs. Natalie Coley, Teaching Assistant, was the recipient of a Fulbright Award to the University of Delaware for the period January 5 to February 4, 2004; while there, she pursued work on

“US National Security Policy Formulation in the Era of Globalisation.”
Dr Ivan Martinez also received a Fellowship to participate in the 2003 Defense Planning and Resource Management Course offered by the United States National Defense University, Centre for Hemispheric Defense Studies, in Washington, D.C.

RESEARCH IN PROGRESS

Dr. Jessica Byron

- Singing from the Same Hymn Sheet: Caribbean Diplomacy and the Cotonou Agreement
- shorter version of same material in French, submitted to L'Economie Politique
- La Comunidad del Caribe Frente a los Procesos del ALCA y de la Union Europea
- English version of The Reveciso
- CARICOM at Thirty: New and Old Foreign Policy Challenges
- Small States Diplomacy in a Globalised World: Barbados, Costa Rica, the Dominican Republic and Trinidad and Tobago

Dr. Anthony Harriott

- Homicidal Violence in the Caribbean

Dr. Hedy Isaacs

- Comparative Civil Service Systems
- Case Studies: The Elaboration of the Evaluation of Civil Service Systems in the Caribbean Region and the Americas

Professor Edwin Jones

- Main project in Public Administration, manuscript embracing five long essays on:
 - Emergence of the Jamaican Administrative Culture
 - Westminster Model: Accepted, Rejected, Adapted
 - Administrative Advice: Theory and Application in Jamaica

- A Story of Geographic & Market Decentralization in Jamaica
- Governance Issues in the Administrative Realm

Professor Rupert Lewis

- Marcus Garvey and Public Figures in Colonial Jamaica, 1929-1933
- Marcus Garvey Writings on Jamaica in the 1930s

Professor Brian Meeks

- Envisioning Caribbean Futures.
- The New Jewel Movement
- Jamaica, entry for Governments of the World
- The Rise and Fall of Caribbean Black Power

Professor Trevor Munroe

- Reforming Caribbean Governance – Anti-corruption Dimensions
- Illicit Narcotics and Democratic Governance
- Globalisation, Corporate Governance and Industrial Relations
- Globalisation and Democracy
- Governance, Legislation and Development in Modern Jamaica 1944-2002.

Dr. Lawrence Powell

- The Cross-cultural Variations in Distributive Justice Perception (CVDJP)
- Exploring the Multidimensional Nature of Distributive Justice Perception – The Challenge for Cross-Cultural Psychology
- Justice Judgments as Complex Psychocultural Constructions: An Equity-based Heuristic for ‘Mapping’ Two- and Three-Dimensional Representations in Perceptual Space

- Beyond ‘Left-Right Ideology’ in the Study of Justice Perception: Interdependent and Independent Distributive Worldviews in Jamaica and New Zealand

Dr. John Rapley

- Employment, Productivity and Inflation in the US Economy in the 1990s: Fallacies of the New Economy Thesis
- Development Studies and the Post Development Critique
- Using the Stock Market to Predict Presidential Approval Ratings: Evidence from the Clinton Years

Dr. Eris Schoburgh

- Local Government Reform: The Prospects for Community Empowerment in Jamaica
- Deconstructing Policymaking Issues in a Caribbean Context
- Is Local Government Reform an Institutional After- thought?

PAPERS PRESENTED

Conferences/Seminars

Dr. Jessica Byron

- “Constitutional Issues as they Relate to Local Government and International Relations”, Workshop for Senior Teachers on the St. Kitts and Nevis Constitution, UWI School of Continuing Studies, Basseterre, St. Kitts, July 6-7, 2004.
- “‘Singing from the Same Hymn Sheet’: Caribbean Diplomacy and the Cotonou Agreement”, Caribbean Studies Association Conference, St. Kitts, May 31-June 5, 2004.
- “The Role of Academic Cooperation Programmes in Latin American and Caribbean Integration: The Experience of the UWI”, FESCARIBE , Universidad Tecnologica de Bolivar, Cartagena, Colombia, September 16-20, 2003.

Dr. Anthony Harriott

- “Crime and the Threat to Democratic Governance: The Caribbean Experience”, International Development Bank, Washington D. C. June 21, 2004.
- Round Table on “Anti-colonial Criminology”, American Society of Criminology, Denver, USA, November 2003.

Dr. Hedy Isaacs

- “Partnership”, the Jamaica Social Investment Fund in collaboration with the Delegation, European Union, Jamaica and Parish Councils: Facilitating Sustainable Investments in Community Driven Projects Through Partnership, UWI, Mona, May 19, 2004.
- “Forging Partnerships that Work”, Kingston Restoration Company Limited in collaboration with the Centre for Population, Community and Social Change, UWI, Mona and the University of Technology, Jamaica: Action Research Initiative Forum on Partnerships for the Alleviation of Poverty, UWI, Mona, April 21-22, 2004.

Professor Edwin Jones

- “Governance of the State and the State of Governance in Jamaica”, Public Forum, Management Institute for National Development (MIND), May 2004.
- “Jamaican Civil Society: The Challenges of Reform”, Anniversary Seminar of Management Systems International (MSI), March 2004.
- “Governance & Caribbean Public Services Tradition” and “Reform and Performance of the Jamaican Public Services Commission”, both at International Conference sponsored by the Government of Trinidad and Tobago, Port of Spain, December 2003.
- “Preparing the St Vincent Public Service for the Globalised Realities”, National Consultation sponsored by the Government of St. Vincent, October 2003.

Professor Rupert Lewis

- Evaluation of Denis Benn's "The Caribbean – An Intellectual History 1774-2003", Culture, Politics, Race and Diaspora: The Thought of Stuart Hall, UWI, Mona, June 17-19, 2004.
- "Pan-Africanism – Ethical Challenges", Pan African Bookfest and Cultural Conference, Broward County Library, Fort Lauderdale, Florida, April 24, 2004.
- "Marcus Garvey's Jamaican Agenda", Liberty Hall, Kingston, February 12, 2004.

Professor Brian Meeks

- "The Rise and Fall of Caribbean Black Power", on the panel Rethorising Modernity in the Caribbean, Caribbean Studies Association Conference, St. Kitts and Nevis, May 31-June 5, 2004.
- "Towards an Encyclopaedia of Caribbean Thought", Caribbean Studies Association Conference, St Kitts, May 31-June 5, 2004.
- "The Rise and Fall of Caribbean Black Power", Symposium on Kwame Toure's Biography, Ready for the Revolution, Florida International University, November 2003.

Professor Trevor Munroe

- "Gearing Jamaican Companies for the 21st Century", Jamaica Stock Exchange Symposium, Kingston June 22, 2004.
- "Civic Engagement, Corporate Responsibility and National Development", Annual Symposium, Medical Association of Jamaica, Kingston, June 2, 2004.
- "The Ombudsman and Parliament", Third Regional General Conference of the Caribbean Ombudsman Association, Runaway Bay, Jamaica, May 11, 2004.
- "Crisis in Leadership? Searching for Solutions", Forum on Public Sector Leadership Responsibility, Institute of Chartered Accountants of Jamaica, Kingston Jamaica, April 14, 2004.
- "Between the Old and New Politics", Symposium on the Implications of the 2002 General Elections in Jamaica, Department of Government, UWI Mona, February 2004.

- “Corporate Globalisation and the Way Forward”, Retreat, Executive National Commercial Bank Staff Association, Oracabessa, Jamaica, January 31, 2004.
- “Corruption and Anti-corruption in Jamaica”, Public Sector Learning Week, World Bank, Washington, D.C., January 15, 2004.
- “Colloquium on the Post-colonial State”, Department of Government and Sociology, UWI, Cave Hill, Barbados, December 16, 2003.
- “Towards the Development of Broad Based Participatory Growth in Jamaica”, 9th Annual Retreat of the International Development Partners in Jamaica, Oracabessa Jamaica, November 14, 2003.
- “New Conceptions of Regional Governance”, Conference on 30th Anniversary of the Caribbean Community, UWI, Mona Kingston Jamaica October 18, 2003.

Dr. Lawrence Powell

- “Market-based and Welfare-statist Frames of Welfare in Israel and Liberal Welfare States”, (with Clara Sabbagh, Haifa University, Israel), 10th Annual Meeting of the International Society for Justice Research, Regina, Saskatchewan, Canada, July 2, 2004.

Dr. John Rapley

- “The Crisis of Neoliberal Globalization: A Caribbean Perspective”, Caribbean Studies Association Conference, St Kitts, May 31-June 5, 2004.

Professor Stephen Vasciannie

- “The Mandatory Death Penalty and the *Lambert Watson Case* From Jamaica”, Caribbean Law Initiative Annual Conference, Ocho Rios, July 2004.

- “Balancing Security and Human Rights: The Role of the Ombudsman”, Third Regional General Conference of the Caribbean Ombudsman Association (CAROA), Runaway Bay, May 2004.
- “A Jamaican Perspective on the Rome Statute of the International Criminal Court”, Workshop for Parliamentarians and Attorneys, organized by the Ministry of Foreign Affairs and Foreign Trade, Jamaica, in collaboration with the International Centre for Criminal Law Reform and Criminal Justice Policy, Canada, Jamaica Conference Centre, February 2004.
- “Hang Them! Hang Them! Hang Them? Human Rights and the Death Penalty in Jamaica”, 3rd International Conference on Crime and Criminal Justice in the Caribbean, UWI, Mona, February 2004.
- “The International Criminal Court: The Triumph of Liberalism”, Public Forum organized by the Ministry of Justice and the Ministry of Foreign Affairs and Foreign Trade, Jamaica, in collaboration with the International Centre for Criminal Law Reform and Criminal Justice Policy, Canada, Norman Manley Law School, February 2004.
- “CARICOM and International Integration: Aspects of the Investment Debate”, CARICOM 30th Anniversary Conference on Regional Governance and Integrated Development, October 2003.
- “The Main Elements in the Debate on the Caribbean Court of Justice”, New York Chapter of the International Law Association, October 2003.

PUBLICATIONS

Books:

Dr. Anthony Harriott

- * (With Farley Braithwaite and Scott Wortley) “Crime and Criminal Justice in the Caribbean”, Kingston, Arawak Publications, 2004, 284 pgs. (Edited).

- * “Understanding Crime in Jamaica – New Challenges for Public Policy”, Kingston, University Press, 2003, 239 pgs. (Edited).

Dr. John Rapley

- * “Globalization and In-equality: Neoliberalism’s Down- ward Spiral”, Boulder and London, Lynne Rienner, 2004.

Professor Stephen Vasciannie

- * (With Professor Peter Muchlinski) “Investor-State Dispute Settlement” - UNCTAD Series on Issues in International Investment Agreements, 128 pgs.

Book Chapters:

Dr. Jessica Byron

- * “The Caribbean in a Globalized World: Responses to a Changing International Political Economy”, in *Introduction to the Pan Caribbean*, [ed.] T. Skelton: London, Edward Arnold, 2004, pp. 72-96.

Dr. Anthony Harriott

- * “Crime and Criminal Justice in the Caribbean” (Introduction to book) in *Crime and Criminal Justice in the Caribbean*, [eds.] Anthony Harriott, Farley Braithwaite and Scott Wortley: Kingston, Arawak Publications, 2004, pp. 1-7.
- * (With Farley Braithwaite) “Repeat Criminal Offending in Barbados” in *Crime and Criminal Justice in the Caribbean*, [eds.] Anthony Harriott, Farley Braithwaite and Scott Wortley: Kingston, Arawak Publishers 2004, pp. 35-56.
- * “Fear of Criminal Victimization in a Reputedly Violent Environment” in *Crime and Criminal Justice in the Caribbean*, [eds.] Anthony Harriott, Farley Braithwaite and Scott Wortley: Kingston, Arawak Publishers 2004, pp. 57-86.
- * “The Jamaican Crime Problem: New Development and New Challenges for Public Policy” in *Understanding Crime in Jamaica – New Challenges for Public Policy*, [ed.] Anthony Harriott: University of the West Indies Press, 2003, pp. 1-12.

- * “The Jamaican Crime Problem: Some Policy Considerations” in *Crime and Criminal Justice in the Caribbean*, [eds.], Anthony Harriott, Farley Braithwaite and Scott Wortley: Kingston, Arawak Publishers 2004, pp. 238-264.
- * “Social Identities and the Escalation of Homicidal Violence in Jamaica” in *Understanding Crime in Jamaica – New Challenges for Public Policy*, [ed.] Anthony Harriott: University of the West Press, 2003, pp. 89-112.
- * “Police and Society in the Caribbean: The Application of United Nations Standards for Law Enforcement” in *The Application of the United Nations Standards and Norms in Crime Prevention and Criminal Justice*, Vienna, Austria, United National Office of Drugs and Crime, 2004, pp. 91-96,

Dr. Hedy Isaacs

- * Contributed to the Encyclopedia of Public Administration and Public Policy
- * “Non-Monetary Incentives and Productivity”, Marcel Dekker., Inc, 2003, pp. 830-834.
- * E-Report “Case Study: Evaluation of Civil Service System: Jamaica”, Inter-American Development Bank, Regional Policy Dialogue, Documents of the November 14-15, 2002 Meeting. <http://www.iadb.org/int/DRP/ing/Red5/transpdoc3.htm>, 2004.

Professor Edwin Jones

- * “Temas Sobre La Formulacione Implemacion De Politicas Publicas En La Caribe” in *Estraterias De Gestion Publica*, [ed.] Jose Oviedo: Pontifica Universidad Catholica y Maestra, Santo Domingo, DR, 2004, pp. 53-78.

Professor Rupert Lewis

- * “Political and Cultural Context of Rasta and Rudeboy in the 1960s” in *Bob Marley – The Man and His Music*, [eds.] Eleanor Wint and Carolyn Cooper: Kingston, Arawak Publications, 2003, pp. 82-100.

- * “Marcus Garvey’s Jamaica, 1929-1932” (CD ROM done in collaboration with Vilcomm Ltd), - over 3000 pgs.
- * “Lloyd Best and Epistemic Challenges” (Essay) in *Independent Thought and Caribbean Freedom - Essays in Honour of Lloyd Best*, [ed.] Selwyn Ryan: Sir Arthur Lewis Institute of Social and Economic Studies, St. Augustine, Trinidad, 2003, pp. 89-101.

Professor Brian Meeks

- * “Lloyd Best, The People and the Road not Taken in 1970”, in *Independent Thought and Caribbean Freedom: Essays in Honour of Lloyd Best*, [ed.] Selwyn Ryan: *Sir Arthur Lewis Institute of Social and Economic Studies*, St. Augustine, Trinidad, 2003, pp. 71-86.

Professor Trevor Munroe

- * “The Menace of Drugs” in *Drugs and Security in the Caribbean*, [ed.] Ivelaw Griffith: Kingston, Ian Randle Publishers, 2004, Chp. 6, pp. 154-175.
- * National Integrity System – Country Study Report: Caribbean Composite, Commonwealth Countries Project – Transparency International, <http://www.transparency.org>, March 2004.
- * (With Fredrick Hickling, Ishenkumba Kahwa, Verene Shepherd and Alvin Wint) “Strategic Challenges Confronting UWI Mona: An Analysis and Response”, University of the West Indies, Mona Campus, October 2003.
- * National Integrity System – Country Study Report: Jamaica 2003, Commonwealth Countries Project – Transparency International, <http://www.transparency.org>, July 2003.

Professor Stephen Vasciannie

- * “Human Rights in Jamaica: International and Domestic Obligations”, in UNDP, *Human Rights and Human Development Issues in Jamaica*, 2003, pp. 53 - 83, and Annex B.
- * “Terrorism, Security and International Law: A Skeptical View”, in *Caribbean Security in the Age of Terrorism*, [ed.] Ivelaw Griffith: 2004, pp. 52-71.

Journal Articles:

Dr. Jessica Byron

- * Review of “Politics in a Half-Made Society: Trinidad and Tobago 1925-2001”, K. Meighoo, 2003, Kingston, Ian Randle, *Bulletin of Latin American Research*, Vol. 23 (4), (2004): pp. 505-507.

Professor Brian Meeks

- * “Envisioning Caribbean Futures”, *Social and Economic Studies*, Vol. 52, No. 4, (December 2003): pp. 165-187.

Dr. Lawrence Powell

- * “Visualizing Co-occurrence Structures in Political Language: Content Analysis, Multidimensional Scaling, and Unrooted Cluster Trees”, *Journal of Diplomatic Language*, 1(1), (2004): pp. 12-21. (now in print)

Professor Stephen Vasciannie

- * “Foreign Policy Options for CARICOM”, *The Integrationist*, Vol. 3, No. 2 (2003): pp. 18-36.
- * “Humanitarian Intervention: Towards a Legal Response to the United Nations Secretary General”, *West Indian Law Journal*, Vol. 28, No. 2 (2003): pp. 17-53.

PUBLIC SERVICE

Dr. Jessica Byron

- Member, Executive Board of Coordinadora Red de Investigacion Economica y Social (CRIES)
- Member, International Advisory Committee for Bulletin of Latin American Research
- Member, Steering Committee for the establishment of a Global Studies Network

Dr. Anthony Harriott

- Member, Programme Committee of the Academy of Criminal Justice Sciences with special responsibility for International and Comparative Criminal Justice Systems
- Member, JCF Staff College Advisory Council

Dr. Hedy Isaacs

- Consultant to the Inter-American Development Bank Regional Policy Dialogue 2004

Professor Edwin Jones

- Board Member, Public Services Commission (Jamaica)
- Board Member, Planning Institute of Jamaica
- Chairman, Capital and Credit Merchant Bank ‘Scholarship Committee’
- Member, Editorial Board: Journal of Public Management, Aston, UK
- Member, Editorial Committee, Caribbean Journal of Public Sector Management (MIND, Jamaica)
- Special Advisor, Ministry of Local Government
- Member, Police Commissioner’s Strategic Reform Board
- Member, Board of Directors, Mona School of Business

Professor Rupert Lewis

- Member, Council of the Institute of Jamaica
- Chairman, the African-Caribbean Institute of Jamaica and Jamaica Memory Bank
- Chairman, Friends of Liberty Hall

Professor Brian Meeks

- Member, Editorial Board, Lexington Books, Caribbean Series, 2003
- Council Member, The Caribbean Studies Association (CSA), 2003 – present

- Member, Board of Directors, Intertrade Corporation
- Contributing Editor, WADABAGEI Journal, Caribbean Research Center, Medgar Evers College, City University of New York
- Member, The Michael Manley Foundation, UWI, Mona

Professor Trevor Munroe

- Senator, Parliament of Jamaica
- Director, Jamaica Confederation of Trade Unions
- President, University and Allied Workers Union
- Member, Partnership for Progress
- Member, Selection Committee, Jamaica Rhodes Scholarship
- Member, Board, United Way of Jamaica
- Director, Sugar Industry Authority of Jamaica
- Member, Labour Advisory Council of Jamaica

Dr. Lawrence Powell

- Member, Editorial Board, *Australian Journal of Political Science*.
- Member, Editorial Board, *International Bulletin of Political Psychology*
- Member, Editorial Board, *Journal of Diplomatic Language*.
- Guest Editor for a special issue of *Journal of Cross-Cultural Psychology*, on “Cross-cultural Variations in Distributive Justice Perception”.
- Project director, for the CVDJP (Cross-cultural Variations in Distributive Justice Perception) project

Dr. John Rapley

- Member, Campion College Board of Administration

Dr. Eris Schoburgh

- Member, National Advisory Council on Local Government Reform Research Sub-Committee

Professor Stephen Vasciannie

- Consultant on International Law, Attorney General's Chambers
- Associate Tutor, Norman Manley Law School
- Member, Selection Committee, Jamaica Rhodes Scholarship

CATEGORIES OF STUDENTS

Degree

Semester I - 2003/2004

Course	Registration	Sitting	Pass	Percent%
GT11A	509	480	453	94
GT11B	113	102	80	78
GT12A	181	175	170	97
GT13D	181	167	160	96
GT20M	27	24	17	71
GT21M	35	34	33	97
GT22A	91	84	79	94
GT22C	191	186	175	92
GT22M	57	53	37	70
GT24A	31	27	27	100
GT25M	189	183	174	95
GT26M	195	189	184	97
GT29E	126	120	119	99
GT29M	111	111	107	96
GT31P	115	109	105	96
GT32M	31	30	30	100
GT32P	93	90	88	98
GT33B	103	94	91	97
GT33D	50	43	40	93
GT34A	149	143	136	95
GT38M	84	81	80	95
FD13A	745	691	622	90

Degree and Certificate (Challenge/UWIDEC/TLIs & Outreach)

Course	Registration	Sitting	Pass	Percentage %
GT11A	271	255	239	94
GT48P	40	36	25	69

Semester II – 2003/2004

Course	Registration	Sitting	Pass	Percentage %
GT11A	383	370	345	93
GT11B	162	152	123	81
GT12A	112	103	99	96
GT21B	99	97	89	92
GT22D	192	187	182	97
GT23B	90	81	76	94
GT23M	32	31	31	100
GT24A	175	170	165	97
GT24M	281	268	258	96
GT26P	12	11	10	91
GT27M	178	166	156	94
GT29F	101	98	93	95
GT30C	32	32	32	100
GT30N	96	96	95	99
GT33C	37	32	32	100
GT33M	31	29	28	97
GT35E	18	18	16	89
GT35M	113	105	100	95
GT35P	13	13	13	100
GT36M	130	123	119	97
GT37M	98	94	91	97
GT39E	18	16	16	100
GT39G	75	72	69	96
GT39M	10	9	8	89
FD13A	515	460	420	91

Degree and Certificate (Challenge/UWIDEC/TLIs & Outreach)

Course	Registration	Sitting	Pass	Percentage %
GT11A	13	10	10	100
GT11B	68	56	52	93
GT423	194	171	141	82
GT424	202	179	162	91
GT45P	44	39	37	95
GT46P	44	39	38	97
GT48P	14	14	11	79

SUMMER 2004

Course	Registration	Sitting	Pass	Percentage %
GT11A	63	60	56	93
GT11B	22	22	18	82
GT12A	15	15	14	93
GT13D	16	15	14	93
GT22C	20	20	20	100
GT22M	22	18	18	100
GT24A	21	19	17	89
GT25M	25	23	21	91
GT26M	17	15	15	100
GT31P	17	17	17	100
GT33B	17	16	16	100
GT34A	23	18	15	83
GT35M	15	15	13	87
GT36M	29	28	27	96
GT39G	15	15	15	100
FD13A	75	74	68	92

Awarded Degrees (BSc Majors)

	1 st Class	Other Classes
International Relations	2	82
Public Administration	1	46
Political Science	1	20
International Relations & Public Administration		6
International Relations & Political Science		17
Political Science & Public Administration		2

Postgraduate

		PhD	MPhil	MSc
Registered	9	8	131	
Awarded Higher Degrees		2	1	
Comparative Politics/Political Theory	4}			
International Relations	6}			15
Public Sector Management	5}			

PRIZES AWARDED

Graduate

MSc International Relations Award (Final Research Paper)	–	Farrah Brown
Rosina Wiltshire-Brodber Prize	–	Patrice Laird-Grant

Undergraduate

Ann Spackman Memorial Prize	–	Jodian Hammitt
Nethersole Prize	–	Zinith Lettman-Thomas
Sir Laurence Lindo Memorial Prize	–	Natalie Dietrich
Archie Singham Memorial Prize	–	Maria Ashman

DEPARTMENT OF MANMAGEMENT STUDIES

Dr. Anne Crick, BSc UWI, MS Penn, PhD Rutgers
– Head of Department



WORK OF THE DEPARTMENT

The department of Management studies changed heads in 2003 with **Dr. Anne Crick** replacing **Professor Alvin Wint** who had performed outstandingly as head of the department for the past six years.

In the 2003-4 academic year, the Department of Management Studies introduced three new options to complement the existing options of Management and Accounting. The new options of Marketing, Operations Management and Human Resource Management are proving to be popular with students as they allow them greater flexibility and choice. The department also introduced a number of new courses on a phased basis as part of its curriculum improvement plan.

During the year the department continued to publicize its own work on relevant issues by hosting a colloquia on leadership and in collaboration with the Faculty of Pure and Applied Sciences, a three day workshop on Tourism and Urban Development for Peace. Faculty members also presented a total of 15 papers locally, regionally and internationally. Dr. Owalabi Bakre was also a visiting scholar at the Universities of Calgary and Windsor in Canada during June, 2004. Professor Alvin Wint was recognized by the UWI when he was awarded the award for the best publication in the Faculty of social sciences.

The department also continued to focus on specific core areas of research. During the year the department redesigned the MSc in Tourism & Hospitality Management to more accurately reflect the requirements of

the industry. Lecturers in the department also continued to add to the body of knowledge in the area of hospitality and tourism by writing and presenting on various aspects of tourism. Ethics continued to be a major focus of the department.

PAPERS PRESENTED

Campbell, A

- “The 1997 Financial Crisis of Jamaica: What are the prospects for its recurrence? (with Lou Anne Barclay). The Inaugural International Conference on Business, Banking & Finance, April 27-29, 2004, hosted by UWI, St. Augustine

Crick, A.

- “Managing Organizational Culture to facilitate change”. A Change Management Symposium: Managing Organizational Change in the Global Environment., Mona School of Business. March 17, 2004, Kingston, Jamaica.
- “The Changing role of tourism planners: Bringing People to the Island vs. Bringing in the People of the Island”. Tourism & Urban Development for Peace, November 27-30, 2003. Kingston, Jamaica.
- “Pseudo-Relationships – The use of mass customized techniques in personalized service: A case study of entertainment coordinators”. 2nd Interdisciplinary World Congress on Mass Customization and Personalization. October 6-8. Munich, Germany

Bakre, O.M.

- Second attempt to localize imperial accountancy by the Institute of Chartered Accountants of Jamaica (1970's-1980's). Asia Pacific Interdisciplinary Research in Accounting Conference, Singapore Management University. July 3-6

Deslandes, D.

- Moral Readiness: The ethical values of Jamaican Business Students. 3rd. Caribbean Conference on Crime and Criminal Justice, Feb. 11-14, 2004, Kingston Jamaica. Urban

Development and Peace, November 27-29, 2003. Kingston
Jamaica

Reynolds, N.

- “Stockholder Wealth Implications of the Firm’s Choice Between Dividends and Stock Repurchases” Inaugural International Conference on Business, Banking & Finance, April 27-29, 2004, UWI, St. Augustine.

Robertson-Hickling, H.

- “I never planned to stay in England. Thoughts of home in African-Caribbean Professionals returning to Jamaica.”, Conference on the Thought of Stuart Hall, UWI, Mona, June 18, 2004.

Thomas, T.

- “HRM’s role in enhancing organizational competitiveness”. Antiguan Chamber of Commerce, August 2003 “Preparing credit unions to compete in an open economy”. The first annual leadership regional conference for credit unions, Trinidad, May 2004.

Wint, A.G.

- “The continued relevance of the obsolescing bargaining theory to international business-government relations” 46th annual meeting of the academy of International Business, Stockholm, Sweden,
- “Competitiveness in Jamaica” at Seminar on Maximising the Competitiveness Potential of Small States”, University of Malta & Commonwealth Secretariat, Gozo, Malta
- “Has the obsolescing bargain obsolesced: Negotiating with foreign investors” Conference on International Business-Government Relations in the Twenty-first century, The American Graduate School of International Management, Thunderbird, Phoenix
- “MNC Location Strategy in a globalizing world” World Bank Seminar on a Development Strategy for Northeast China, Shenyang, China

- “Macroeconomic Results and adjustment policies in Jamaica: Lessons learned – proposed solutions” UNDP Seminar of International Development Partners, Boscobel, Jamaica
- “FDI and Poverty Alleviation in Small developing countries” Conference on Multinational Corporations and Global Poverty reduction, University of Connecticut, Storrs, Connecticut
- “In search of economic benefits from Caribbean integration: the need for redirection at Caricom”. 30th anniversary conference on regional governance and integrated development, University of the West Indies, Mona, Jamaica
- “Global FDI Trends and Jamaica at Launch of World Investment Report”, UNDP & JAMPRO, Kingston, Jamaica

PUBLICATIONS

Blake, C.

- * “Language Literacy and the Peter Blake Principle”. *International Journal of Speech Language and the Law*, 11, 1, 50-72

Cowell, N.

- * Tourism and the Plantation Model: Dimensions of the Worker Management Relationship in Caribbean Tourism (with Anne Crick). *Journal of Eastern Caribbean Studies*, 29.2, 15-34

Crick, A.P.

- * Tourism and the Plantation Model: Dimensions of the Worker Management Relationship in Caribbean Tourism (with Noel Cowell). *Journal of Eastern Caribbean Studies*, 29.2, 15-34

McDavid, H.

- * “Service enterprise development and global competition: a case for the development of the tourism sector in the Caribbean”, *Journal of Eastern Caribbean Studies*, 29, 2, 35-49

- “Private participation in infrastructure and the legal implications for the Commonwealth Caribbean”, *West Indian Law Journal*, 28, 2.

Books & Monographs

Johnson, A.

- * Ethical Business: The study of business, government and society. United Co-op Printers, Kingston.

Mendes, M.

- * Caribbean case studies in auditing. CFM Publications, Kingston

Book Chapters

Barclay, L.A.

- * “Human Capital and Systems of Innovation in Africa,” (with Banji, Oyelaran-Oyeyinka) in A. Lundvall et al. *Africa’s Systems of Innovation* Denmark: Aalborg University Press.
- * “Caribbean Economies in the New Trading Environment”. (with Vanus N. James). In D. Pantin (ed) *Explaining Caribbean Economic Performance: Prologues to Sustainable Development in the 21st Century*, Kingston, Jamaica: Ian Randle Publishers.

Peer assessed publications

Wint, A.G.

- * Jamaica in international competition. In lino Briguglio & Gordon Cardina (Editors), *Competitiveness strategies for small states* (Malta Commonwealth Secretariat & University of Malta)

Other Publications

McDavid, H.

- * The Industrialization of Tourism: A Caribbean perspective. Proceedings *American Society of Engineering Management National Conference*, St. Louis, Missouri.

Wint, A.G.

- * Strategic Challenges confronting UWI, Mona: An analysis and response. (Kingston, Jamaica; University of the West Indies, Office of the Principal). With F. Hickling, I. Kahwa, T. Munroe, V. Shepherd

Technical Reports

McDavid, H.

- * Infrastructure Section – Jamaica Social Investment Fund Projects. Report prepared for the Caribbean Development Bank and the Jamaica Social Investment Fund.

Wint, A.G.

- * Grenada: A diagnostic review of the Investment Climate: Report to the World Bank, 2004

PUBLIC SERVICE

Blake, C.

- Board Member, Financial Services Commission

Campbell, A.

- Board Member, Institute of Chartered Accountants of Jamaica (ICAJ)
- Chairman, Taxation Committee - ICAJ
- Member, Continuing Professional Education Committee, ICAJ
- Member, Accounting Standards, ICAJ
- Director & Deputy Chairman, Board of Directors, JMMB
- Chairman, Audit Committee, JMMB
- Director, JMMB Securities Ltd.
- Director, Mutual Gallery

Crick, A. P.

- Member, Advisory Board – Excelsior Community College Tourism, Hospitality & Entertainment Management
- Member, Management Advisory Committee, Runaway Bay H.E.A.R.T. Training Institute, 2003

Deslandes, D.

- Member, PSOJ Trade Policy Review Committee
- Member, PSOJ Trade Policy Review Committee sub committee on services

Mendes, M.

- Academic co-ordinator, Associate degree in accounting at MIND.

Moore, S.

- Director, Book Merchant Ltd.
- Director, Reading Solutions Ltd.
- Director, Ashley & Associates

Nicholson, L.

- Member, Board of Mona High

Robertson-Hickling, H.

- Vice President, Queen's School Past Student's Association

Roofe

- Director, GSB Cooperative Credit Union Ltd. Chairman (Finance Committee)

Wint, A.G.

- Chairman, Board of Directors, Statistical Institute of Jamaica
- Director, Jamaica Promotions Corporation
- Director (& Chair of Audit Committee) National Commercial Bank
- Director (& Chair of Audit & Investment & Loan Committees), NCB Insurance Services Ltd.
- Director, Technological Solutions Ltd.
- Director (& Member of Audit Committee)

DEPARTMENT OF SOCIOLOGY, PSYCHOLOGY AND SOCIAL WORK

Ian Boxill, BSc, MPhil *UWI*, PhD *Colorado* – Head of Department



WORK OF THE DEPARTMENT

The year was especially challenging for the Department primarily as a result of a significant reduction in budgetary allocation. Despite this and other challenges the Department was still able to maintain high levels of enrolment in all areas, although such levels fell slightly compared to the records established in 2003-2004.

Further strengthening in the teaching of the sociology of development and methodology was achieved with **Dr. John Talbot** joining the staff. Dr. Talbot added strength to an already fairly strong methodology section in the Department, and contributed to the development debate on coffee induction with the publication of his most recent book, *Grounds for Agreement*.

Two of the most senior members of the Department, Professor Chudwukum Uche (sabbatical) and Dr. Patricia Anderson (research fellowship leave) were off for the year. Mr. John Small also took sabbatical leave. Dr. Anderson's research centred on "The Changing Roles of Fathers in the Context of Jamaica's Family Life".

Mrs. Hermione McKenzie retired after 40 years' service in the Department. The Department also said goodbye to Dr. Brigitte Matthies who resigned to take up an assignment overseas after making a significant contribution to the psychology programme. She has indicated her willingness to remain involved as long as she is able to.

Professor Anton Allahar of the University of Western Ontario in Canada joined the Department for six months as visiting professor of sociology. The Distinguished Professor, George Ritzer, of the University of

Maryland, visited as part of the annual Derek Gordon Symposium. Another distinguished scholar, Professor Nigel Bolland, of Colgate University delivered the feature address at the highly successful Hermione McKenzie Conference, which was held in honour of Mrs. McKenzie for her outstanding contribution to teaching and research.

For the second consecutive year, a member of the Department won the Principal's award for the research project in the faculty that attracted the most funds. **Dr. Patricia Anderson** won this award for her project with the National Housing Trust while **Dr. Orville Taylor** won the Principal's award for the best edited publication in the faculty.

The Department maintained its research and publication activities, and staff and students attended local, regional and international conferences.

GRADUATE PROGRAMMES

MSc in Clinical Psychology

With the departure of Dr. Brigitte Matthies, Dr. Stacey Brodie assumed coordination of the MSc programme in Clinical Psychology.

The MSc in Clinical Psychology has successfully completed its fourth year of operation with its second cohort of 10 students scheduled to graduate in November 2004. At present there are 24 students registered in the programme. During the academic year the programme also hosted its annual Sexuality and Substance Abuse Workshops.

Dr. Kai Morgan visited Dalhousie University's Department of Psychiatry where she was introduced to a new form of psychodynamic therapy called Intensive Short-Term Psycho-dynamic Psychotherapy. It is our hope that we will be able to implement this psychodynamic theory into the current programme. She also made a presentation entitled "Mad, Bad & Sad: Mental Illness in Deportees" at the Caribbean Studies Conference in Belize in May 2003.

MSc in Applied Psychology

The first cohort of 13 students is due to complete their studies in July 2005. The programme accepted its second cohort of 15 students who were scheduled to begin in September of 2004. The programme is currently under review. Out of this review, it is hoped that a revised and sustainable programme which offers more practical experience to students would be introduced in either the 2005-2006 or the 2006-2007 academic year. The name of the programme would be Applied Social Psychology to differentiate it effectively from the M.Sc. Clinical Psychology programme and to create a firmer professional identity for the programme and its students.

Population and Development Computer Lab

The Population and Development Computer Lab in the Faculty of Social Sciences continued to be heavily utilized throughout the year for teaching, research and information technology support activities. Staff members provide technical assistance for these activities which include tutorials in statistical software for undergraduate students, graduate seminar sessions on various software applications, and computer and Internet access for students conducting research and completing assignments. The lab also facilitated training sessions conducted by Mona Information Technology Services (MITS) on online systems used on the campus, and provided support for multimedia technology and online course pages.

During this year, the lab also collaborated with the Faculty of Medical Sciences and MITS in facilitating online exams for 120 medical students in Community Health and was a site for student registration.

The extended opening hours were maintained because of sustained demand for the Lab's services.

Population Lab - Courses holding tutorials on software applications, 2003-04

Course Code	Course Name	Number of Students
EC23L	Statistical Methods I	69

EC23P	Statistical Computing	40
EC23T	Sampling Methods for Business and Social Sciences	42
EC34L	Operations Research I	37
EC34Q	Applied Econometrics	22
EC65B	Econometrics II	15
GT24M	Research Methods in Political Science	279
PS28C	Psychometrics I	123
SY22D	Survey Design	252
SY22G	Statistics for the Behavioural Sciences	290
SY22K	Statistical Computing for Social Research	46
SY35C	Demography II	18
SY62D	Monitoring and Evaluation of Social Programmes	12

The Centre for Population, Community and Social Change

During the year the Centre continued to be increasingly active in research and training. It has become a major contributor to the Department's research and income earning activities. The Centre, which has undergone restructuring has had a temporary office in the Behavioural Sciences Lab in the Alister McIntyre Building. Ms. Charlene Coore has been coordinating the activities of the Centre with the assistance of Research Associate, Dr. Paul Martin.

One of the Centre's projects is the two-year Caribbean Internship Project (CIP) which is managed by Aldene Shillingford with the assistance of Mrs. Beverly Sutherland-Lewis.

Training of the Family Court's staff by the Social Work Unit continued and is scheduled to end by January 2005. So far, training has been offered in areas such as Case Management, Values and Ethics, Substance Abuse, Crisis Intervention, Anger Management, Working with Men, HIV/AIDS, Managing Domestic Violence, and Family and Individual Counselling. Mrs. Lita Allen, Ms. Peta-Anne Baker, Mrs. Karlene Boyce-Reid, Dr. Claudette Crawford-Brown and Mrs. Rose Robinson-Hall have been among the trainers.

During the summer, the Centre also successfully conducted a Social Impact Assessment course for twenty persons. Dr. Ian Boxill coordinated

the course with the assistance of Ava Mundell and Charlene Coore. It was one of the many programmes that were conceived with an income-earning dimension.

The Human Resource Development Programme

The second UWI/Carreras Distinguished Lecture was staged on Wednesday, 19th November, 2003 at the Mona Visitors' Lodge and Conference Centre. The speaker, Dr. Patrick Wright, the Professor of Human Resource Studies, Centre for Advanced Human Resource Studies, Cornell University, addressed the topic Leadership and Corporate Governance, in a paper titled "*Restoring Trust in Corporations: Causes, Solutions, and Questions for HR's Role*".

The second important public forum sponsored by the Unit was the annual HRD Practicum Showcase that was held on February 18, 2004 at the Knutsford Court Hotel. This colloquium featured the work of the recent graduates of the HRD programme's fifth cohort and saw the presentation of several papers that dealt with the Role of Training in Organisational Success, Recruitment and Selection for Organisational Success, Training in Performance Management, the Role of Organisational Diagnosis and Intervention and the Importance of Research in HRD.

Academic Initiatives

During the year, three new courses were developed with the help of colleagues in the faculties of Social Sciences, and Humanities and Education and will be added to the programme for academic year 2004/05. These are *Technical Writing for Human Resource Development Practitioners (HR69A)*, *Organisational Ethics: Developing Ethical Organisations (HR62B)* and *Staffing Organisations (HR66C)*. The organisers also contemplated the implementation of PhD and Diploma programmes. Additionally, the phenomenal success of the 5-day "*Leading Organisational Transformation Workshop*" hosted jointly with the Inter-American Institute for Social Studies and concluded in July 2004 points to the way forward for the unit in terms of hosting short-courses to facilitate non-human resource managers in the acquisition of the knowledge, skills and attitudes necessary for work in contemporary organisations.

MSc Human Resource Development

The 5-day workshop generated several on-the-spot applications for admission to the MSc HRD programme. These had to be declined

though, mainly because of the overwhelming subscription for the seventh cohort of the programme that saw 64 offers from a pool of almost 200 applicants who responded to our advertisements in January and February 2004. This exceeded the number in recent cohorts. A total of 41 persons, including three with distinctions, graduated from Cohort V in November 2003 and 43 persons were expected to graduate in 2004 from Cohort VI.

RESEARCH IN PROGRESS

Allen, Lita

- “Integrated Group Work: Classroom, Service Learning and Practicum Connections”,
- (*with* Natalie Gentles) “So you want to do social group work?”

Bailey, Arlene

- (*with* Claremont Kirton) Establishment and Development of a Regional Agricultural Policy Network in the Caribbean

Baker, Peta-Anne

- (*with* Lita Allen and Catherine Havens, eds.) Social Work with Caribbean people – perspectives from home and abroad.
- (*with* Aldene Shillingford) A capacity building model of university-community collaboration.
- “Jamaica”. In Encyclopedia of Global Perspectives on the United States. MA: Berkshire Publishing Group.
- Transformative institutions? The role of churches and faith-based organizations in the process of inner city transformation.

Branche, Clement

- Urban Representations; Kingston, Bridgetown, Port-of-Spain
- Media and Society in Jamaica
- Men as Risk
- Community Conflict Resolution
- Participation and Development
- Ideologies of Leadership

- The Group in Caribbean Organizations
- Groups, Collective Representations and Identification
- Community and Family
- Gender and Health
- Bourdieu and Caribbean Sociology
- Forms of Alterity

Crawford-Brown, Claudette

- The effectiveness of Play Therapy, Mentorship and Group Counselling on Improving Behavioural Problems in a cohort of 35 Jamaican children in an inner city school

Ffrench, Sean

- Designing and executing a pilot questionnaire to collect data on student wellness
- Private/Public Sector Partnerships for Poverty Eradication.
- Social Services and Facilities
- Evaluating public perceptions, knowledge and utilization of the revamped Jamaica Social Safety Net

Headley, Bernard

- Biography of Jamaica Labour Party Leader, Edward Seaga

Lipps, Garth

- (*with* Scott Minor) Can a brief educational intervention change Jamaican students' attitudes towards children with SED?
- (*with* G. Lowe and N. Irwin) Depression and job stress among the staff of three departments of a large general hospital in Jamaica
- (*with* G. Lowe) Factors impacting on the emotional and academic adjustment of fifth form students in traditional and public high schools

- (*with* G. Lowe) Profile of children referred by the Children's Development Agency to the Family Court System in Jamaica
- (*with* Scott Minor) Factor structure of the Wender Utah Rating Scale with a Jamaican sample
- (*with* G. Lowe and – Subarin) Depression amongst the patients of an intensive care unit of a large general hospital
- (*with* G. Lowe) Body dysmorphic disorder amongst students of three high schools in Jamaica
- (*with* Scott Minor and M. Alexander) Factor analyses of three child behaviour rating scales
- (*with* Fred W. Hickling) Tracking professorial appointments in the Faculty of Medical Sciences at the University of the West Indies, Mona Campus

McFarlane, Tracy

- Caribbean women pursuing US higher education and untangling rules of gender.

Minor, Scott

- (*with* Sean Seepersad and Reed Larson) The impact of western culture on eating behaviors.
- (*with* K. Khan, C. Clarke, D. Holder and C. Anderson) Leadership practices at two universities in Jamaica.
- (*with* G. Lipps) Can a brief educational intervention change Jamaican students attitudes toward children with SED
- (*with* G. Lipps) Factor structure of the Wender Utah Rating Scale with a Jamaican sample
- (*with* M. Alexander) Factors impacting cognitive and academic achievement in a cohort of Jamaican children
- (*with* S. Whittenham) The impact of SES on measures of ADHD in primary and prep school students
- (*with* M. Alexander, and G. Lipps) Factor analyses of three child behavior rating scales

Ramkissoon, Marina

- Revisiting the 1991 study by Brown et al. “Contribution of Caribbean Men to the Jamaican Family” (*with* Janet Brown and Patricia Anderson).
- (*with* Sean Ffrench) Design and implement an annual student wellness survey.
- Child Issues Coalition: produce a review document on the past 20 years of research on children in the Caribbean.
- (*with* Sean Seepersad and Reed Larson) Cross Cultural Study of Loneliness and Changes in Student Relationships

Ricketts, Heather

- Co-editor, Special Volume of *Ideaz* journal in Honour of Hermione McKenzie
- An examination of the gender earnings differential in the Jamaican Labour Market: Clarifying the role of discrimination (PhD dissertation)

Shillingford, Aldene

- A capacity building model of university-community collaboration (*with* Peta-Anne Baker)

Talbot, John

- Jamaican coffee industry and its place in the world coffee market.

Taylor, Orville

- Thirty Years of Industrial Conflict in Jamaica.
- Industrial Relations and Law in Jamaica
- The Impending Extinction of the Black Race.
- Industrial Conflict, Dispute Resolution and Labour Standards in the Commonwealth Caribbean,
- A Comparison of Development Indicators of African Americans in four US States and Afro-Caribbeans in the West Indies.

Uche, Chukwudum

- The Jamaican Elderly Population
- Social, Demographic and Economic Impact of HIV/AIDS in Jamaican Households

PAPERS PRESENTED

Bailey, Arlene

- (*with* Claremont Kirton) “Regional Agricultural Policy in CARICOM countries: Examining issues in Agricultural Networking.” The Scientific Research Council’s 17th National Annual Conference, November 2003.

Baker, Peta-Anne

- “Roles of the state and organizations of the poor in creating social welfare.” Conference on “Gender, Race, Class, Social Policy and Social Administration in the Caribbean”, UWI, Mona, June 25, 2004.
- “Transformative institutions? The role of the churches in inner city development.” 29th Annual Conference, Caribbean Studies Association, St Kitts/Nevis, May 31-June 4, 2004.
- “The ethics audit”: assessing your own and your organization’s ethical health.” Jamaica Association of Social Workers (JASW) Training Conference 2004, University of the West Indies, Jamaica, March 12-14, 2004.
- “Why Ethics?” Research Ethics Seminar, University of Technology, Jamaica, November 7, 2003.
- (*with* Aldene Shillingford) Serving the community: enhancing skills and capacity. “The UWI: Bridging the Gap with the Community”, Sept. 11-14, 2003.
- “Older West Indian women’s lives in the United States – policy and practice implications” . 5th Biennial Caribbean and International Social Work Educators’ Conference, Barbados, July – Aug. 2003.

Boxill, Ian

- (*with* a team) “Tourism and HIV/AIDS in Jamaica and The Bahamas: some preliminary findings.” 2nd Scientific and Business Conference, June 10-13, 2004.
- “The Relevance of the South African Anti-Apartheid Struggle to the Caribbean.” “South Africa: Ten Years After Apartheid Conference”, Pretoria City Hall, South Africa, March 24-26, 2004.
- (*with* Hugh Gladwin) “A spatial analysis of crime and tourism in areas in Jamaica: some exploratory issues.” International Conference on Crime and criminal Justice in the Caribbean, February 11-14, 2004.
- “Sovereignty and the search for recognition.” 30th Anniversary Conference on Regional Governance and Integrated Development, UWI, Mona, October 17-19, 2003.

Boyce-Reid, Karlene

- “Common Challenges, Different Contexts: Field Education in Canada, the Caribbean and the USA.” 50th Annual Programme Meeting of the Council of Social Work Education in Anaheim, California, February 2004.

Headley, Bernard

- “The U.S.-Jamaica Deportee Problem: Confronting Myths and Realities.” 3rd Caribbean Criminology Conference,” UWI, Mona, February 2004.

Lipps, Garth

- (*with* G. Lowe, S. Halliday, & F. W. Hickling) valuation of a community mental health aftercare programme of acute mentally ill patients in a psychiatric ward of a general hospital. Caribbean Health Research Conference, in the Eastern Caribbean, April 23, 2004
- (*with* M. Corak & J. Zhao) Family income and participation in post-secondary education. John Deutsch Institute Conference on Higher Education in Canada, Queen’s University, Kingston, Canada, February 15, 2004

Ramkissoon, Marina

- (with Sean Seepersad et al) “Are there Universal Characteristics of Lonely College Students?” Poster presentation at 10th Biennial Meeting of the Society for Research on Adolescence – March 2004

Shillingford, Aldene

- (with Peta-Anne Baker) Serving the community: enhancing skills & capacity. “The University of the West Indies: Bridging the Gap with the Community”. Sept. 11-14, 2003.

Taylor, Orville

- “Flexi Time, It’s about Time: Moving from Talk to Action.” Jamaica Employers’ Federation Annual Convention. Ocho Rios, Jamaica, May 2004.
- “Conflict Management at Work in an Era of Low Worker Protection.” Dispute Resolution Foundation and Mona School of Business, 2nd Annual Conference on Dispute Resolution, Kingston, Jamaica, May 2004.
- “The Role of Citizens in Preventing Crime.” Annual Shirley Whyllie Distinguished Lecture, Portmore Community College, St. Catherine, Jamaica, March 2004.
- “It’s a Black Thing.” Third International Conference on Crime and Criminal Justice in the Caribbean. Ocho Rios, Jamaica, February 2004.
- “The Impact of Multinationals in the Caribbean”. The Union Institute/Friedrich Ebert Stiftung Workshop/ Conference. Kingston, December, 2003.
- “Working Time and Work Organisation in Jamaica: The Challenge of Flexible Working Hours.” International Labour Organisation (ILO) National Tripartite Meeting on Flexible Working Time, Kingston, November 2003.
- “The Jamaican Labour Relations Code.” Jamaica Employers’ Federation (JEF) Kingston, October 2003.
- “The Challenge of Gender and the Labour Market after 30 Years of CARICOM.” Mona Academic Conference, University of the West Indies, Kingston, August 2003.

- “The Paradox of Loyalty: An Afro-Caribbean Response to the War on Terrorism.” Association of Black Sociologists (ABS) Annual Conference, Atlanta, USA, August 2003.
- “Are We Becoming Extinct: A Sobering Look at the Status of Africans in the New Millennium.” Association of Black Sociologists (ABS) Annual Conference, Atlanta, USA, August 2003.

Uche, Chukwudum

- (*with* L. R. Norman) “The Machismo Culture in Jamaica: Implication for HIV Prevention.” 98th Annual Meeting of the American Sociological Association, Atlanta, Georgia, USA, August 16-19, 2003.
- (*with* L. R. Norman and Y. Gebre) “Jamaican Youth at Risk of HIV: An Examination of HIV-Related Behaviors through Eight Years of National Surveillance Data.” AIDS 2004 – 15th International AIDS Conference, Bangkok, Thailand, 11 – 16 July 2004.
- “What Bothers Jamaican Adolescents: An Analysis of a National Survey.” 29th Annual Conference of the Caribbean Studies Association, Basseterre, St. Kitts, May 31 – June 5, 2004.
- (*with* B. U. Adams) “Determinants of the Fertility Behaviour of Saramaka Maroons in Suriname.” 99th Annual Meeting of the American Sociological Association, San Francisco, California, USA, August 14 – 17, 2004.

PUBLICATIONS

Baker, Peta-Anne

- * Review of the book *Neighborhood self-management – Experiments in civil society*. Hillel Schmid Non-profit and Civil Society Studies: An International Multidisciplinary Series. *Administration in Social Work*. vol. 28, no. 2, 2004

Boxill, Ian

- * Towards an alternative tourism for Jamaica. *International Journal of Contemporary Hospitality Management*, vol. 16, no. 4, 2004.
- * (*with* Francis, Severin) An Exploratory Study of Tourism Development and its Impact on the Caribs of Dominica.

International Journal of Hospitality and Tourism Administration, vol. 5, no. 1, 2004.

- * Unearthing Black Entrepreneurship in the Caribbean: Exploring the Culture and MSE Sectors. *Equal Opportunities International*, vol. 22, no. 1, 2003.
- * (with Dillon Alleyne) The impact of Crime on Tourist Arrivals in Jamaica. *International/ Journal of Tourism Research*, vol. 5, no. 5, 2003.

Branche, Clement

- * (with Bailey and Henry-Lee) Gender Relations and Conflict Management in Inter-City Communities in Jamaica: The Importance of Community Participation? In Jonathan Pugh and Robert B. Potter eds. (2003) *Participatory Planning in the Caribbean: Lessons from Practice*. Ashgate Publishing: Hampshire (England).
- * Conflict, Gender Relations and the Health of Women in two low income communities in Jamaica (with Bailey and Henry Lee) in Eric Vilquin ed. *Social and Economic Patterning of Health Among Women* (Les Facteurs Sociaux et Economiques de la Sante Des Femmes). CICRED, Paris, 2003

Ffrench, Sean

- * Re-‘viewing’ Agency and Structure. *Ideaz*, vol. 2, no. 2, 2003.

Levy, Horace

- * Classic Texts. Review of Jack Rothman’s *Approaches to Intervention*. *Community Development Journal* (OUP), April 2004.

Lipps, Garth

- * (with Corak, M., & Zhao, J.) Family income and participation in post-secondary education. *IZA Discussion Paper* No. 977, IZA Institute for the Study of Labour, Bonn, Germany. (January 2004).

- * (with Corak, M., & Zhao, J.) Family income and participation in post-secondary education. *Analytic Studies Working Paper Series*, 11F0019MIE, No. 210, Statistics Canada. (October 3, 2003).
- * (with Norris, C., & Pignal, J.) Measuring School Engagement. *Education Quarterly Review*, vol. 9, no. 2, pp. 25-34. (2003).

Minor, Scott

- * Attention-deficit/hyperactivity disorder, aggression and incarceration. *The Santiago Review*, 101, pp. 36-39. (2004).
- * (with Acheson, S. & Kane, H.) Can a brief educational intervention change students' attitudes toward children with SED? *Proceedings of the 16th Annual SOC Research Conference*, 16, pp. 517-521. (2004).
- * (with Hilty, E., & Fernandez, M.) SOC administrator and service provider comparisons on factors related to cultural competence. *Proceedings of the 16th Annual SOC Research Conference*, 16, pp. 371-375. (2004).
- * (with Leverentz-Brady, K., Acheson, S., Fernandez, M.) Caregiver strain and utilization of services for children with serious emotional disturbance. *Proceedings of the 16th Annual SOC Research Conference*, 16, pp. 117-121. (2004).

Ricketts, Heather

- * (with Bailey, B.) Gender Vulnerabilities in Caribbean Labour Markets and Decent Work Provisions. *Social and Economic Studies*, vol. 52, No. 4, December 2003
- * (with Salmon, J. & Watson-Williams, C.) Secure and Sustainable Livelihoods. (Chapter). Annual Progress Report on National Social Policy Goals, JASPEV. (2003).

Taylor, Orville

- * The Challenge of Gender and the Labour Market after 30 Years of CARICOM. In Barbara Bailey and Elsa Leo-Rhynie. eds. *Gender in the 21st Century: Caribbean Perspectives, Visions and Possibilities*. Kingston: Ian Randle Publishers. (2004).

- * Labour Standards and Economic Growth: Can the Twain Meet? In Frank Reid ed. *Trade and Labour Protection: Can the two be made to work together?* Selected (Refereed) Papers from the XXXIXth Annual CIRA Conference, a joint conference with the International Industrial Relations Association 4th Regional Congress of the Americas, Toronto: LAVAL University Press. (2003).
- * (with April Lennox) The Jamaican Industrial Disputes Tribunal (IDT) in the 1990s and Beyond: Is There a Bias? *Caribbean Journal of Public Sector Management*, vol. 5, no. 2. (2003).

PUBLIC SERVICE

Allen, Lita

- Member, training committee for the Alliance of Counsellors and Therapists
- Director, Whole Person Resource Centre and member of the training committee
- Member, Mental Health Response and Training Team, Jamaica Red Cross Society

Baker, Peta-Anne

- Secretary, Association of Caribbean Social Work Educators (ACSWE)
- Life member, Jamaica Association of Social Workers (JASW). Former President and Executive member
- Member, Caribbean Studies Association (CSA)
- Member, Association for Community Organization and Social Administration (ACOSA), USA
- Member, Editorial Advisory Committee, *Caribbean Journal of Social Work*
- Resource consultant, Jamaica Association of Social Workers' (JASW) Accreditation Project
- Member, panel of judges, Michael Manley Foundation Award for Community Self-Reliance

- Coordinator of outreach and collaboration programmes of the Social Work Unit:

Boxill, Ian

- Member, Advisory Board, Caribbean Maritime Institute, Jamaica
- Chairman, Panel on CAPE Caribbean Studies, Caribbean Examinations Council, 2003 -present

Boyce-Reid, Karlene

- Chair, Board of the Female Prisoners Welfare Programme: Hibiscus
- Member, UWI Wellness Task Force
- Member, Epidemiology Committee of the National Council on Drug Abuse
- Member, Editorial Board of the Mothers' Union Provincial Magazine Committee

Crawford-Brown, Claudette

- Committee Member, Inter-Sectoral Task "Force on the Establishment of the Office of the Child Advocate.
- Committee Member, Task Force on Violence in Schools. Ministry of Education
- Member, PIOJ Task Force on Children and Violence
- Board Member, Mico Counselling Centre
- Coordinator/Founder, UWI Violence Prevention Programme

Headley, Bernard

- First Vice President, Hope Pastures Citizens Association, St. Andrew, Jamaica
- Member, Corporate Strategy Operation Review Board - lead agency for the Jamaica Constabulary Force's (JCF) Reform and Modernisation Programme
- Consultant, JCF's Reform and Modernisation Programme, June 2003

Hinds, Kimberly

- Editor, JASW Newsletter
- Secretary, Jamaica Association of Social Workers
- External Examiner, the Council of Community Colleges of Jamaica

Levy, Horace

- Member, Peace Management Initiative
- Chairman, Board of S-Corner Clinic, an inner city NGO
- Member, Partners for Peace, Faculty of Social Sciences at UWI, Mona
- Member, human rights group, Jamaicans for Justice

Lipps, Garth

- Member, Jamaica Psychology Board Committee

Minor, Scott

- Co-Editor, *Caribbean Journal of Psychology*
- Member, Jamaica Psychology Board committee
- Clinical Director, Caribbean Training Institute
- Member, Westmoreland Community Collaborative Board

Ramkissoon, Marina

- Editorial Coordinator, *Caribbean Journal of Psychology*.

Ricketts, Heather

- Member, Technical Working Group, Jamaica Social Policy Evaluation Project (JASPEV)
- Member, Technical Steering Committee, Research Agenda Programme, PIOJ

Shillingford, Aldene

- Local Coordinator, Caribbean Support Initiative (CSI)

Taylor, Orville

- Member, Publications and Social Policy Committees, Association of Black Sociologists. USA

- Member, Programs Committee, Association of Black Sociologists Conference, USA
- Collaborator, Mathematica Policy Research, Washington DC
- Resource Personnel, Grenada Employer's Federation
- External Collaborator, International Labour Organization (ILO)
- Columnist, The Gleaner newspaper
- Member, National Council on Education
- Member, Board of Directors, University Council of Jamaica

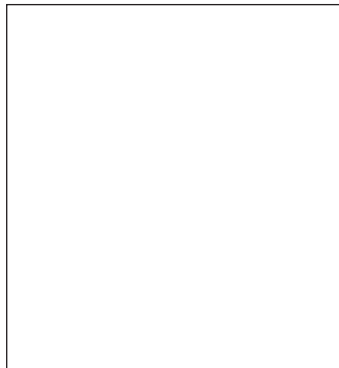
Uche, Chukwudum

- President, Association of Nigerians in Jamaica

THE CENTRE FOR HOTEL & TOURISM MANAGEMENT (CHTM)

– Head of Department

WORK OF THE DEPARTMENT



The academic year 2003/2004 saw continued activities for the faculty in the areas of teaching, professional service, research and publication. The year under review saw a decrease in the number of students over the previous academic year of 9, from 106 to 97, with the majority pursuing the Tourism Management Degree option.

Two new members of staff were appointed, Mrs. Valderine Major as Student Services Manager / Lecturer, a position which was recommended by the Deans for sometime and Mr. Christopher Zombas, lecturer. Both assumed duties earlier this year.

Mr. Ainsley O'Reilly, who serviced the Centre for 25 years, retired and was given a temporary contract for a year (2002-03). Earlier a retirement function was organized for him. Additionally Dr. Tika Sharma, lecturer, and Mrs. Elizabeth Weech, Network Administrator were given an additional year of temporary contract (2003-04).

By October 2003, in the first semester, after years of discussion with the personnel at the Ministry of Education, plans were eventually finalized to effect repairs to students' houses.

There were positive developments during the second semester: In the first instance, Mrs. Valderine Major made arrangements for players in the Hospitality Industry to meet with the students where matters relating to Interview Etiquette, Professional Behaviour at the Work Place and General Mode of Conduct were addressed and discussed. The students found the above-mentioned session very informative and no doubt helped in their preparation for the recruitment session, which was to follow-up.

Another significant achievement was the Industry Interaction Weekend, which saw prominent members of Human Resources Development Department in the Industry meeting with more than forty member of the Graduating Class to make job offers. Representatives from The Half Moon Resort and Golf Club, The Ritz Carlton from Jamaica, Le Sport for the Saint Lucia and Grenada properties, and Hilton International for all properties in The Caribbean were in attendance. Representatives from SuperClubs and Sandals (by e-mail) later had sessions with the finalizing candidates as well.

Consistent with the initiative established many years ago, educational tours and trips were organized for students to visit Cuba during the week of Easter and Chicago at the end of May. These as trips as usual proved to be beneficial to the students and provided them with opportunities to be aware of the Hospitality and Tourist Products.

44 students satisfied the requirements for graduation with 1 achieving first class honours. 21 and 21 were recommended for the award of the degree with Second Class Honours: Upper and Lower Divisions respectively and 1 Pass.

Notwithstanding the many challenges, the Centre achieved its objectives and had a successful year. The contributions of the members of staff and the students who played their part must be acknowledged.

RESEARCH IN PROGRESS

Dr. Tika Sharma

- Continued his research on Pilgrimage Tourism.

Dr. Jennifer Edwards

- Book titled “Sustainable Tourism: Principles & Practices with Caribbean Cases. A Text for Students and Tourism Professionals.” Being done according to Henry Stewart Publishing Guidelines.
- Book Titled “Hospitality Environmental Management Made Simple. A Guide for Students and Practitioners.” Being done according to Channel View Publication Guidelines.

PAPERS PRESENTED

Dr. T. Jennifer Edwards

- “The Bahamas Ozone Depleting Substances Act & Regulation: Implications for The Bahamas Hotel Sector”. Caribbean Hotel Association/Caribbean Alliance for Sustainable Tourism/Bahamas Hotel Association Workshop on Environmental Management Systems, Paradise Island, The Bahamas, June 30, 2004.
- “Making Tourism Sustainable: Environmental Incentives for Sustainable Tourism- A Renewed Strategy for Tourism Development in Small Island Developing States”. ITC/CCI Executive Forum on Small States in Transition, From Vulnerability to Competitiveness. Port of Spain, Trinidad January 2004.
- “Big Hotels are Beautiful, Small Hotels are Ugly: A Janus View of Bahamas Hotels in Sustainable Tourism”. College of The Bahamas/The Bahamas Association for Cultural Studies Forum 2003. Nassau, Bahamas, June/July 2003.

PUBLICATIONS

“Non-refereed”

- * **Dr. Tika Sharma** “In Search of Pilgrimage at Rastafari Church”. Bahama Journal,, December 11, 2003.
- * **Dr. T. Jennifer Edwards** “Making Tourism Sustainable: Environmental Incentives for Sustainable Tourism.” A Renewed Strategy for Tourism Development in Small Island Developing States. On line at www.executiveforum@intracen.org

PUBLIC SERVICE

Mr. Christos Salvaris

- Conducted HACCP training programmes for the Sandals Royal Bahamian Hotel and Restaurant Supervisory Management for the Lyford Cay Club, Nassau, The Bahamas.

Dr. T. Jennifer Edwards

- Stakeholder Facilitator, at the IDB funded research forum on the human resources need of The Bahamas hotel and tourism sectors
- Member, Montreal Protocol Steering Committee co-ordinated by The Bahamas Ministry of Health and Environment, Ozone Unit
- Member, The Bahamas Hotel Association Environmental Committee

CATEGORIES OF STUDENTS

Hotel Management: 43

Tourism Management: 5

**INSTITUTES AND
RESEARCH CENTRES
LOCATED AT MONA**

Year ending July 31, 2004

ADVANCED TRAINING AND RESEARCH IN FERTILITY MANAGEMENT UNIT

**Professor Joseph Frederick, MBBS, DM (O&G), FRCOG,
FACOG - Director**

WORK OF THE DEPARTMENT



The ATRFMU has been going through a restructuring exercise to grapple with the challenges of the 21st century and the face to face competition posed by other institutions to the University of the West Indies. Professor the Honorable Hugh Wynter retired as Director of the Unit effective October 31, 2003 and Professor Joseph Frederick former head of the Department of Obstetrics, Gynaecology and Child Health was appointed the new Director as of January 1, 2004.

The members of the Unit at a special luncheon on November 2003 paid tributes to the former director for his dedicated service to the University and the people of the region. The Vice Chancellor Professor Rex Nettleford, Dean of the Faculty of Medical Sciences - Professor Owen Morgan and Professor Joseph Frederick also paid tributes to the outgoing Director for his contribution to the University community.

The new structure recommended by the Advisory Council approved by the Vice Chancellor included an administrative officer and four coordinators. Mrs. Vivienne Brown was appointed to the position of Administrative Officer.

Congratulations to Professor Wynter for receiving the Community Service Award for services to women in the Caribbean from the American College of Obstetricians and Gynaecologists in April 2004.

RESEARCH

1. **The conduct of the “Follow-up Study to the Baseline Survey Operations Research to Improve the Reproductive Health of Adolescents in Northern St. Elizabeth.”**

The major activity was the conduct of the Follow-up Study to the Baseline Survey Operations Research to Improve the Reproductive Health of Adolescents in Northern St. Elizabeth for the Jamaica Adolescent Reproductive Health Project implemented by Futures Group International. The total cost of the project was US\$38,362.50.

Logistical arrangements were made for the conduct of the study in the three High Schools of Balaclava, Maggotty and Lacovia and their communities. Questionnaires were developed, interviewers trained, field work conducted, data cleaned, processed, analysed and draft and final reports submitted to Futures Group International in June 2004.

2. **Conduct of a Tracer Study of Women’s Centre IUCD Recipients**

The analysis of the data from Women’s Centre clients in all their nine sites islandwide was undertaken. A paper is being written and is scheduled for completion in July 2004.

3. **Risk Perception for HIV/STIs Among Antenatal and Family Planning**

Clients

Finalisation and submission of the report conducted with funding from Caribbean Health Research Council (CHRC). The report has been accepted by CHRC and paper is now to be developed for publication.

Lectures

Mrs. Pansy Hamilton lectured in the Masters of Public Health, Department of Community Health and Psychiatry on Family Planning and Women and also on Demography in the B.Sc. Nursing Administration Programme in the Department of Advanced Nursing Education.

TRAINING

The MSc Counselling Programme

1. In December 2003, end of semester examinations were held with the following results:
 - Of the 73 students who sat the exam in OG62D: Cognitive Behavioural Counselling Part 1, 69 students passed
 - 14 of the 15 students who sat the examination in OG62A: Psychodynamic Counselling passed
 - 48 of the 84 students who sat the examination in OG62H: Qualitative Research Methods passed
 - Of the 84 students who registered for OG69D: Practicum 3, held from September to December 2003, all except 11 Trinidadian students passed.
2. For the period January to May 2004 some three courses and a Practicum were delivered and we are still awaiting the results. They were OG62F: Developing an Eclectic-Integrative Approach to Counselling; OG62I: Cognitive-Behavioural Counselling Part 2; OG62G: Family Therapy and OG69C: Practicum 3.
3. Summer school began on June 28, 2004. The following courses were offered:
 - OG62B: Psychodynamic Group Counselling
 - OG62E: Cognitive-Behavioural Group Counselling
 - OG62H: Qualitative Research Methods Re-Sit
 - OG63A: Research Project Tutorials
4. Development of the curriculum for the Postgraduate Diploma Programme in Reproductive Health has begun.

Summer school was held for all eighty-six students enrolled in the M.Sc. Counselling programme and two courses were taught. These were OG62C: Quantitative Research Methods and OG60D: Developmental Psychology. Laboratory sessions in Person-Centred and Existential Counselling were also implemented as a quality control measure to ensure that all students were properly grounded in these Counselling skills. Enrichment classes in Conflict Resolution and mediation were also held.

End of Semester Examination Results

End of semester examinations were held in May 2003 in OG61D: Existential Counselling and OG61E: Vocational Counselling. OG61F: Professional Issues Part 2 was assessed by coursework with no final examinations.

Courses taught in the summer school, OG60D: Developmental Psychology and OG62C: Quantitative Research Methods were also assessed by coursework with no final examinations.

The results are as follows-

The pass rate was:

93% in OG61D: Existential Counselling,
94% in OG61E: Vocational Counselling
96% in OG61F: Professional Issues Part 2
95% in OG62C: Quantitative Research Methods
and no students failed OG60D: Developmental Psychology.

Resits were held in December 2003 and all the candidates were successful.

Teleconferencing and Tutorial Sessions Thursdays 8:00 a.m. – 4:00 p.m.

The new academic year began on Thursday September 4, 2003 and students began specializing in either OG62A: Psychodynamic Counselling or in OG62D: Cognitive-Behavioural Counselling. All students were enrolled in OG62H: Qualitative Research Methods.

IN-VITRO FERTILIZATION

The IVF team was up to a bright start on January 2, 2004 . We have had referral from doctors in our neighbouring Caribbean Islands and have treated four couples during this period.

The media played an important role in promoting the facility and the services that we offer. We have had at least three publications in our local newspaper and three radio presentations, which highlighted and informed the public of infertility and its management. As a result of this exposure, the facility has attracted many persons who have fertility problems.

Miss Denise Everett, the Embryologist, has more dialogue with men who wish to have a semen analysis. It is also interesting to note that the records showed a lot of younger men presenting with low sperm counts. We have

seen a significant increase of nineteen percent (19%) in the number of semen analyses done since the beginning of the year in comparison to the same period of last year. Requests for semen analyses come daily from the Gynaecology Out-Patient Department, Urologists and other Medical Practitioners in and outside of the University Hospital because of the detailed report that we produce.

A total of forty (40) Egg Retrievals, resulting in thirty- seven (37) Embryo Transfers (ET) were performed. There were eight (8) pregnancies resulting from the ET performed. Unfortunately, two (2) patients suffered miscarriages. Thus, there are six (6) pregnancies ongoing, two of which are twin pregnancies. There are four (4) couples that had surplus embryos which were cryopreserved. Eleven (11) patients had Frozen Embryo Transfers performed. Pregnancies resulted.

Twenty- six (26) Intrauterine Inseminations were performed. Three pregnancies resulted. Among the three pregnancies was our **first that resulted from harvesting of sperm from a sample of urine**. There are still two ongoing pregnancies.

Since the beginning of the year, we have had a total of nine (9) deliveries, (IVF/ICSI) and (FET) – seven (7) singletons and two sets of twin boys. There were **two** firsts from the deliveries. One being the **first delivery from a Frozen Embryo Transfer** the second being the first from a **Testicular Biopsy**.

The IVF counselling sessions, which commenced in October of last year continues. Dr. Pottinger and Sr. McKenzie have seen a total of twenty (20) couples during the period being reported on. We had a meeting with the counsellors on March 29, 2004. There they highlighted the problems that they had encountered during their sessions with couples. Being fully aware of the global increase in knowledge regarding Assisted Reproduction Technology, the team has future plans of equipping itself more in making this facility the number one of its kind in the region.

FAMILY PLANNING CLINIC

There has been a significant growth in the patient count. This was particularly noted in the use of contraceptives especially Depo-Provera and (OCP) oral contraceptive pills.

Training of various categories of health workers was one of the unit's chief goals and this too became a pivotal achievement. There is also an increase in the amount of surgical operations performed.

Types of Services Offered

- Family planning Counselling
- Training of various categories of health workers
- Performing Laparoscopic surgeries
- Distribution and administration of contraceptive methods
- Insertion of IUCD (Intra-uterine contraceptive device)
- Insertion of Norplant
- Pap Smears (4 days weekly)
- Clinical Services (twice weekly) e.g. treating vaginal infections, follow-up care for patients who did tubal Ligation, Vasectomy, Operative Laparoscopy and Hysteroscopy etc.
- Referrals for patients with various complaints and diseases e.g. Diabetes, Hypertension, vaginal warts, abnormal pap smear etc.
- Assist in Research Day
- Assist in workshop
- Assisting student nurses and medical students with presentation on various contraceptive methods
- The staff assisted in the IVF Program

Types of Surgeries offered

This year has shown an increase in the number of procedures available via the minimally invasive route and will continue to strive towards ensuring the availability of the best facilities to the wider community.

Number of surgeries done July 1, 2003 - June 30, 2004

Types of surgeries	Amount
Diagnostic Laparoscopy	153
Diagnostic Hysteroscopy	133
Laparoscopy tubal Ligation	74
Vasectomy	8

Operative Laparoscopy	94
Operative Hysteroscopy	20
Ovarian Cyst Aspiration	10
Resection of Bartholin Cyst	2
Endometrial Aspiration	4
Laparotomy	3

Types of contraceptives offered

1. OCP – Oral contraceptives
 - (a) Lofemenal
 - (b) Ovidon
2. Depo-Provera Injection
3. IUCD (Intra-Uterine contraceptive devices) insertion
4. Norplant Insertion
5. Condoms

Number of contraceptive distributed/administered

1. Oral contraceptive
 - (a) Lofemenal }
 - (b) Ovidon } 1,582
2. Depo-Provera Injection administered 2,759
3. Insertion of Intra-Uterine Contraceptive device 163
4. Distribution of condoms 14,164
5. Norplant insertions 46

Clinical Training

The Family Planning Clinic Staff has facilitated the training of the following group of persons:

Resident doctors	5
Medical students (overseas & local)	40
Pupil midwives (overseas & local)	21
Operating Theatre nurses	6
Student nurses (overseas & local)	4
Nursing anaesthesia	6

OUTREACH SECTION

Work of the Section

Much of the work of the section during the period under review, surrounded dialogue with stakeholders in Montego Bay and preparation of a project proposal to seek funding for “Promoting Healthy Lifestyles in Western Jamaica: HFLE – HIV/AIDS Pilot Project”. Both the Outreach Coordinator and the Training Officer held meetings on January 28 and March 24 – 26, 2004 with representatives from three educational institutions – Sam Sharpe Teachers’ College, Granville All Age School and Catherine Hall Infant and Primary School and members of the Granville Community. The proposal is currently being reworked following failure to secure funding from UNICEF.

The section continued to maintain links with relevant agencies, support acceleration of efforts to implement HFLE programmes and support community interventions. Collaborative relationships continued with the Ministry of Education, National Family Planning Board, UWI HARP and the School of Continuing Studies.

Both the Outreach Coordinator and the Training Officer participated, with two members of the National Family Planning Board, in planning a Workshop for Representatives of Non-formal Organisations involved in HFLE in Jamaica in order to chart the way forward. The Workshop, with 25 participants, was held on May 20, 2004. The Training Officer acted as facilitator. The Outreach Coordinator, the Training Officer and a member of the National Family Planning Board prepared the Workshop Report and Working Document.

Both the Coordinator and Training Officer attended the CARICOM Multi-Agency HFLE Project Regional Working Group from February 16 – 18, 2004 in Kingston and participated in sub-committee activities. The Coordinator presented a paper.

The Outreach Coordinator, Dr. Phyllis Macpherson-Russell, continued to serve on the following committees:

Ministry of Education HFLE Committee for the Formal Sector and attended meetings on January 23, and June 18, 2004

National Family Planning Board HFLE Committee for the Non-Formal Sector and attended meetings on February 3, February 27 and March 18.

UWIHARP Planning Committee and UWIHARP Curriculum Committee and attended the Plenary Meeting on January 30, Lecturers' Meeting on February 5, Planning Meeting for Conference in Antigua April 9 – 11, 2004. She was a facilitator for the HIV/AIDS Training of Trainers Workshop, Mona March 16 – 17, 2004 leading the discussion on "Life Skills".

Additionally, the Outreach Coordinator attended the JBTE HIV/AIDS Meeting at UNESCO offices, Kingston on May 17, 2004 and made a presentation on HFLE in the Caribbean and in Teacher Education with special reference to progress with preparation of a three-year programme for Teacher Education Institutions in Jamaica. She also held discussions on May 26 with representatives of the Cayman AIDS Foundation regarding developing educational programmes for a variety of groups during a visit to Grand Cayman.

The Training Officer, Joan Meade, served on:

National Family Planning Board HFLE Committee for the Non-Formal Sector and attended meetings on February 3, February 27 and March 18.

On February 5, the Training Officer attended a meeting of Lecturers trained to offer upgraded course modules with HIV/AIDS focus to lend support to newly trained lecturers and to receive the preliminary report on the evaluation of courses already strengthened.

On April 16, 2004 the Training Officer attended the Ministry of Education HFLE Committee meeting for the Formal Sector. She continued her work in the M.Sc. Counselling Programme by examining 3 students who had failed their first attempt at Course OG62F: Professional Issues Part 1, participating in the Examiners' Meeting on April 16, 2004 and participating in some aspects of the Summer Programme.

PAPERS PRESENTED

Professor Joseph Frederick

- Infertility a Regional dilemma, Annual Conference of General Practitioners, Alhambra Hotel, Kingston Jamaica, July 13, 2003
- The Expectant Mother and In vitro Fertilization, 8th Commonwealth Conference of Pharmaceutical Society, Jamaica Grande Hotel, Ocho Rios, August 17, 2003

- Moderator of Gynaecological Scientific Presentation, 12th International Congress of Society of Laparoendoscopic Surgeons, Bally's Hotel, Las Vegas, USA, Sept 23, 2003.
- The role of endoscopy in the infertile woman and assisted Reproduction. Conference and workshop in endoscopy sponsored by Medical association in Cayman, Georgetown, Cayman, 15-18th January 2004.
- The Assisted Conception Program and its impact on infertility in Jamaica. Junior Doctors Association of Jamaica. Knutsford Hotel, Jamaica. August 15, 2004.

Macpherson-Russell, Phyllis

- "Issues and Challenges for Facilitator Training for Out-of-School Programmes." CARICOM HFLE Regional Working Group, Kingston on February 16 – 18, 2004.
- "The Role of HFLE in the Caribbean." UWIHARP/UWI School of Continuing Studies Pre-Training of Trainers Workshop, Antigua, May 18 – 19, 2004.
- "Report from Recent Workshop for UWI School of Continuing Studies (Non-Campus Countries)." UWIHARP 2nd Annual Scientific and Business Conference, Kingston, Jamaica, June 10 – 13, 2004.

Meade, Joan

- "Overview of the CARICOM Health and Family Life Education Project." NFPB/FMU/Youth.now HFLE Workshop for the Non-Formal Sector, UWI, Mona, May 20, 2004.

PUBLICATIONS

- * **Frederick J**, DaCosta V, Wynter SH, Tenant I, Mckenzie, McDonald. Endometriosis co-existing with bilateral dermoid cysts treated by Laparoscopy at the Fertility Management Unit, Department of Obstetrics, Gynaecology and Child Health,

University of the West Indies, *West Indian Med J* 2003; **52**:179-181

- * Smikle M, Wharfe, Fletcher H, Reid M, Roye-Green K, **Frederick J**, Pierangeli, Anticardiolipin, other antiphospholipids antibody tests and diagnosis of the antiphospholipid syndrome. *Human Antibodies* 2003; 12: 63-66.
- * **Frederick J**, DaCosta V, Wynter SH, Reid M, Frederick C, McKenzie C. Effect of the oral contraceptive therapy on the outcome of ovarian hyperstimulation syndrome in patients undergoing controlled ovarian hyperstimulation. *West Indian Med J*. 2004; 53(1): 39.
- * Wynter SH, Rattray C, **Frederick J**, Thesiger C, Wynter HH, Lindo J, McGilchrist A, King D. Who is at risk? A comparison of human immunodeficiency virus seroprevalence in pregnant women and high risk group. *West Indian Medical J*. 2004; 52 (4):293-5.
- * Wharfe G, Fletcher H, Smickle M, **Frederick J** and Reid M. The prevalence of positive anticardiolipin antibody in Jamaican women with spontaneous abortion and the correlation with the past clinical history. *Journal of Obstetrics & Gynaecology*. 2004;24(94):454

Book Chapters

- * **Frederick J**. Uterine Fibroids. Roopnarinesingh's Text- book of Gynaecology (third edition). Edited by Bharrat Bassaw .Ch 15 pages 168-173. Royards publishers, Macoya, Trinidad&Tobago.
- * Fletcher H and **Frederick J**. Abdominal Myomectomy revisited. Progress in Obstetrics and Gynaecology. Edited by John Studd. 2003, Vol 16.

PUBLIC SERVICE

Joan Meade

- Chairman, Lions Club of St. Andrew Central: Health Services Committee 2003 – 2004
- Secretary 2004 – 2005
- Member, Jamaica Association of Health Service Executives

Consultant

- Professor Hugh Wynter was available for consultation three days per week during this period.

AGRICULTURE UNIT

Dave G. Hutton, BSc UWI, MSc C'ell, Diploma (Nematology)
Universidad Centrale de Venezuela – Agriculture Representative



The Faculty of Science and Agriculture (FSA) of The University of the West Indies at St. Augustine, Trinidad is comprised of the School of Agriculture (SoA), and the School of Natural Sciences. The Agriculture Unit (AU) at UWI, Mona i) represents the SoA at that Campus; ii) undertakes outreach to agricultural and related communities in Jamaica and elsewhere, on behalf of the SoA; iii) coordinates the SoA's External

Programme in Agriculture (EPA) and the University Certificate Programme in Agriculture (UCPA) in Jamaica; and iv) carries out adaptive research. Additionally, the Agriculture Representative (AR) and the AU staff are now officially integrated into the Mona Life Sciences Department's teaching, research, outreach and other programmes.

WORK OF THE UNIT

Relevant to the SoA

The AR coordinated the SoA's 10-week Internship Programme (Course AG 233) in Jamaica by negotiating assignments, interviewing the students and supervisors at their worksites, and processing evaluation documents.

Administrative support was given to SoA students officially in Jamaica.

Materials, information, etc. from the SoA were routed through the AU to various Jamaican interests.

The AU promoted the SoA through exhibitions/ presentations on careers in agriculture at career symposia at several high schools, and at other fora.

The AU continues to maintain breadfruit germplasm brought from Hawaii under the "Breadfruit Improvement Project", carried out in

Jamaica by the Dept. of Food Production, SoA, to characterize local, and assess introduced germplasm, and identify, multiply and distribute improved local and introduced cultivars.

The AR taught 15 hours of Economic Nematology to MSc Crop Protection (Course AP 623) students at FSA, St. Augustine.

The AR visited St. Vincent in March and May, 2004 to make presentations at Farmers Field Days, to train farmers and extension staff in recognising nematode damage of crops, and to train technical staff to identify noxious nematodes. This was FSA's response to an appeal from the Windward Islands Farmers' Association (WINFA) for assistance to manage destructive nematodes and weeds affecting banana production in those islands.

The AR was member of a WINFA nine-person delegation to Cuba over 10 days to i) attend the First International Conference of the Farmer to Farmer Agroecological Movement; ii) observe biological pest and weed control methodologies; iii) observe alternative agricultural models, principally organic production strategies and, iv) strengthen relations between The Cuban National Association of Small Farmers (ANAP) and WINFA/ other Caribbean farmer organisations.

The AR and Prof. R Brathwaite, Head, Food Production Dept., FSA visited Jamaica's College of Agriculture, Science and Education (CASE) to identify possibilities for strengthening relationships between both institutions, to meet/address prospective FSA students, etc.

The Head, Food Production Dept., the FSA's Media Specialist and the AR represented FSA at an Agriculture Competition and Career Fair put on by the Ministry of Education in St. Ann. This presented an opportunity for substantial interaction between FSA and persons who influence Jamaica's agriculture, also to attract prospective FSA students.

Relevant to UWI/Mona

- The AR sat on the Planning Committee for, and the Unit participated in the UWI/Mona 2004 Career Expo.
- The AR served as University Examiner for Course BL20M.
- The AR taught segments of the following courses:-
BL30K (Soil Biology); 2 weeks

BT37Q (Plant Health); 2 weeks

BL05B (Preliminary Biology); 2 weeks

Z32G (Pest Management); 1 week.

Outreach

The AR collaborated with the Research and Development Dept., Ministry of Agriculture (MINAG) on various research initiatives.

The AR made presentations to public and private sector interest groups on the benefits of soil solarization, particularly as an alternative to methyl bromide, at workshops put on by the National Environmental and Planning Agency (NEPA). The AU, NEPA and RADA cooperated to demonstrate this and other soil disinfestation methodologies at the annual Denbigh Agricultural Show.

The AR is a member of the National Youth in Agriculture/RADA Schools' Agricultural Programme Committee, whose major objective is to reintroduce and/or reinforce the integration of agriculture into schools' curricula, and to encourage Jamaican youth to recognise agriculture as an honourable and profitable career, and their involvement in the study/practice of it. This Committee staged and the AR participated in an Exposition on Agriculture entitled "Youth Reshaping Agriculture Through Improved Technology". Relevant competitions for schools and youth groups culminating at the annual Denbigh Show, were also held. As usual, the main prizes were scholarships to the FSA, or CASE. For 2003/2004 no applicant proved to be eligible for the scholarship to FSA; four scholarship winners were at CASE. The AR chaired the interview panel for the scholarship awards.

The AU is assisting the School of Hope efforts to resuscitate soil conservation and agricultural endeavours, firstly by seeking sponsorship from funding agencies.

The AR participated in several events staged by the National Food and Nutrition Co-ordinating Committee of Jamaica (NFNCCJ), which promotes the improvement of household foods availability and the nutritional status, particularly of at-risk groups in Jamaica's population. One such event was a two-day "Food Safety Workshop For Secondary School Feeding Managers", put on in collaboration with the Caribbean Food & Nutrition Institute (CFNI) and the Food Storage and Prevention of Infestation Division (FSPID).

The AU has developed a simple technique to disinfest yam heads of plant nematodes, by dipping in hot water. This technique was demonstrated at Field Days organized by RADA, to benefit students, extension officers, farmers, and other interests.

The AU is collaborating with the Sugar Industry Research Institute (SIRI) to develop a “Plan of Work” which will address plant nematode infestation of sugarcane fields.

The AU, RADA and Bellevue Hospital Foundation of Friends, of which the AR is a member, are cooperating to establish an income generating agricultural project at the Hospital.

The AR made presentations at a one-day Symposium on Research Collaboration put on by CASE.

The AR is a member of the HEART Trust/National Training Agency Agriculture Industry Lead Group, a committee which develops specifications, standards and curricula for HEART agriculture trainees.

Soil and plant samples were analyzed for noxious nematodes for several farmers, householders, institutions or agencies (including the Sugar Industry Research Institute (SIRI), NEPA, RADA, Baronhall Coffee Estates, etc.) and relevant nematode control recommendations or assistance with addressing plant nematode problems given.

The AR attended/participated in several conferences, seminars, field days, training days, workshops, symposia and other such events hosted by UWI, MINAG, CARDI, IICA, NEPA, the Jamaican Society for Agricultural Sciences (JSAS), The Coconut Industry Board, the Jamaica Organic Agriculture Movement (JOAM), etc, and sat on sundry MINAG Committees set up to address topical issues.

The External Degree Programme in Agricultural and Rural Development (EPA), and the University Certificate Programme in Agriculture (UCPA).

Both programmes are offered from FSA by distance. Twenty eight students were enrolled in the EPA for 2003/2004, seventeen in the MSc, four in the Post-Graduate Diploma, and seven in the Course Certificate disciplines, and five in the UCPA. The Unit administers these

programmes in Jamaica, being the contact point for students, providing information, advice, supervision, counselling or administrative support, and interaction with St. Augustine.

RESEARCH IN PROGRESS

- Lethality of certain disinfectants, plant residues or extracts to plant or free living nematodes *in vitro*, or in soil.

Several disinfectants, or plant extracts have proven to be lethal to plant-parasitic and free living nematodes. Investigation of these and other “safe” products is ongoing.

- Persistence in soil of disinfectants used as nematicides, and investigation of their herbicidal effectiveness.

The aforementioned disinfectants have proven to be as persistent in soil as traditional nematicides, but somewhat less effective in suppressing soil and root populations of destructive nematodes. Their herbicidal effectiveness is being investigated, since they were injurious to several crops in previous trials.

- Determining nematode damage on canna (*Canna indica*).

Imported and local varieties were found to be severely infested with at least three plant nematodes at the same time. Damage is being assessed.

- Confirming pathogenicity of *Phomopsis dioscoreae* to yam.

Pathogenicity tests confirmed this fungus, not previously reported from Jamaica, to be the cause of a leaf spot disease affecting yam plants in a Westmoreland district. A revised “new disease” report is to be submitted to an international journal.

PUBLICATIONS

Non-refereed

- * D. G. Hutton. Profile on Eight Nematodes of Phytosanitary Significance in the Caribbean. In: Proceedings of FAO Regional Workshops on the Identification of Pests of Major Phytosanitary Significance in the Caribbean; Port of Spain, Trinidad, Nov.2002. pp 94 – 131.

PUBLIC SERVICE

- Life Member, the Jamaican Society for Agricultural Sciences;
- Vice Chairman, the National Food and Nutrition Co-ordinating Committee of Jamaica (NFNCCJ);
- Member, National Youth in Agriculture/RADA Schools' Agricultural Programme Committee;
- Member, Publications Committee, Research and Development Dept., Ministry of Agriculture;
- Member, Minister of Agriculture Standing Committee on Research;
- Member, Bellevue Hospital Foundation of Friends.
- Member, Agriculture Industry Lead Group, HEART/NTA.

CENTRE FOR GENDER AND DEVELOPMENT STUDIES, MONA UNIT

Professor Barbara Bailey, BSc *Lond-UCWI*, BSc (Med. Microbiology), Dip. Ed, PhD, *UWI* – Head (interim)

THE WORK OF THE DEPARTMENT



Administration

During the academic year 2003/4, the Mona Unit, Centre for Gender and Development Studies, retained a staff complement of six comprised of: Professor Barbara Bailey, Head, June Castello, Lecturer, Mrs. Shakira Maxwell, Assistant Lecturer, Mrs. Beverly Shirley, Senior Administrative Assistant, Miss Althea Perkins, Research Assistant and Suzanne Charles, Junior Research Fellow.

A 2-year research fellowship was granted to the Mona Unit to execute research on the regional **Gender Differentials at the Secondary and Tertiary Levels of the Educational System in the Anglophone Caribbean** Project, spear-headed by the Regional Coordinating Unit (RCU). Miss Suzanne Charles, Junior Research Fellow, is responsible for coordinating this regional research project, under the leadership of Professor Barbara Bailey.

The Mona Unit (which always had only two permanent posts, Senior Lecturer/Head and Senior Administrative Assistant) has been granted two additional permanent posts: Lecturer and Assistant Lecturer, to be recruited for the academic year 2004/5.

Teaching

Six undergraduate courses were offered through the Unit during 2003/4 academic year:

AR20A – Gender in Caribbean Culture 1

AR21A – Introduction to Women’s Studies 1

AR20B – Gender in Caribbean Culture II

AR20M – Introduction to Men and Masculinities in the Caribbean

SY37G – Sex, Gender and Society

A new undergraduate course **Philosophy of Gender** developed by Dr. Patricia Mohammed, is expected to be included within the Unit’s offerings for academic year 2004/5. The Board of Gender Studies recommended that this course be organized into two independent semester long courses, and that they also be used as pre-qualifying courses for post-graduate students pursuing degrees in Gender and Development Studies.

Summer School

The Mona Unit again participated in the Summer School programme. Three undergraduate courses were offered: **AR20M Introduction to Men and Masculinities in the Caribbean**, **AR20A Gender in Caribbean Culture 1** and **SY37G Sex, Gender and Society**. (Miss June Castello and Miss Althea Perkins taught in the Summer School programme while Ms. Beverly Shirley was the Administrative Coordinator).

Graduate Teaching

Ms. June Castello taught the graduate course **GS 60A Theories and Development of Feminism**, offered through the Regional Coordinating Unit, to students pursuing the MPhil degree in Gender and Development Studies.

Other Teaching

June Castello

- In addition to undergraduate teaching and graduate teaching, Miss Castello also taught the course **GS11A Issues of Gender and Power in Caribbean Society: Politics, Religion and the Law** which was offered over two semesters -in the Certificate in Gender and Development Studies programme.
- Ms. Castello conducted two sessions of a Training Workshop for **Orientation to Gender Issues** for members of the National Gender Advisory Committee, held at MIND Conference Room, Hope Road, Kingston, March 18 and April 28, 2004.

- Ms. Castello represented the Mona Unit at the Annual Summer Institute hosted by the University of Maryland, College Park, June 29-July10, 2004. The purpose of the meeting/workshop was to build modules for a graduate level **Feminist Theory** course which would be delivered on the World Wide Web. All participating universities would have access to those modules.

Althea Perkins

- taught the following courses in the Certificate in Gender and Development Studies programme offered via distance mode by the Regional Coordinating Unit:

GS10C – Issues of Gender and Social Policy: Health, Education and Empowerment

GS12A – Cultural Representations and the Construction of Masculinity and Femininity.

GS20C – Feminist Theorizing: The Connection between Theory and Practice

- The Gendered Nature of Workplace Stress in St. Lucia
- The Impact of HIV/AIDS on Women in Jamaica
- Life Coping Strategies of Female Hispanic Immigrants in the British Virgin Islands
- guest lecture on *Gender and Development* to undergraduate students of the Department of Government.

RESEARCH IN PROGRESS

Suzanne Charles

- In the capacity of Research Supervisor attached to the Certificate in Gender and Development Studies programme offered through the RCU, Miss Charles visited five Caribbean Territories (St. Vincent, Dominica, Antigua, Trinidad and Tobago and Grenada) in a 10-day assignment. The visits to these islands were aimed at assessing the progress of the students participating in the Certificate programme as well as to provide guidance re the successful completion of their Research Papers.
- On April 13-16, 2004, Miss Charles, Project Coordinator for the **Gender Differentials at the Secondary and Tertiary Levels**

of the Educational System in the Anglophone Caribbean project, visited St. Kitts to establish the framework of the Pilot Exercise. The Pilot Exercise was executed in St. Kitts over the period, April 25-May 8, 2004.

Althea Perkins

- Miss Perkins conducted a study to determine the feasibility of offering a distance programme in Population and Development in the Caribbean Region for the United Nations Population Fund (UNFPA).

Miss June Castello

- Miss Castello collaborated with Professor Barbara Bailey in the UN Local Study, **Jamaica Country Evaluation: Assessment of Development Results (ADR) – Poverty and Governance.**

Outreach Activities

- A. The Fourth **Biennial Lucille Mathurin Mair Public Lecture** was held in commemoration of *International Women's Day* at the Old Library of the University of the West Indies, Mona Campus, March 12, 2004. Professor Michael Kimmel of State University of New York delivered the lecture entitled **“Men, Masculinities and Development”** which was published through the Mona Unit and sold at the Lecture. The Lecture was sponsored by the United Nations Population Fund (UNFPA), Lascelles Wines and Spirits and Nestle and attracted an audience of over 200 persons.
- B. In commemoration of *International Day Against Violence Against Women*, the Mona Unit hosted the following:
 - an informal forum (coordinated by Ms. Beverly Shirley) concerned with survival skills and the prevention of violence against women, held in the Undercroft, November 25, 2003, the speakers were Miss Christine Hewitt, Professor Carolyn Cooper and Corporal Higgins of the Centre for Sexual Offence and Child Abuse
 - a commemorative programme (coordinated by Miss Suzanne Charles) at the Rex Nettleford Hall. She was also a guest on the Barbara Gloudon talk show “Hot Line” in an effort to promote the activity. The programme included speakers from the Women's Bureau, Women's Media Watch, Woman Inc. Fathers Inc. and academics from the campus community. Miss Charles

also delivered a Power Point presentation on the importance and history of the Day.

PAPERS PRESENTED

Castello, June

- “Shake that Booty in Jesus Name: The Possibilities of a Liberation Theology of the Body for the Body of Christ in Jamaica” Gender in the 21st Century: Perspectives, Visions and Possibilities; Mona Academic Conference, University of the West Indies, Mona Campus, August 29-31, 2003.

Maxwell, Shakira

- “Reflections in the Looking Glass: Old or New? 21st Century Historical Epistemology and Methodology” Gender in the 21st Century: Perspectives, Visions and Possibilities; Mona Academic Conference, University of the West Indies, Mona Campus, August 29-31, 2003.

Charles, Suzanne

- “Mirror Mirror: A Feminist Examination of the Construction of Beauty and Body Image” Gender in the 21st Century: Perspectives, Visions and Possibilities; Mona Academic Conference, University of the West Indies, Mona Campus, August 29-31, 2003.

Shirley, Beverly

- “Women and Social Legislation, Jamaica 1919-69” Text & Testimony Collective Conference, Cave Hill Campus, Barbados, December 11-13, 2003.

Charles, Suzanne

- “A Don’t Say A Word: The Silence and Scourge of Intra-familial Sexual Abuse” The Wellesley Centers for Women 2004 International Research and Action Conference: Innovations in Understanding Violence Against Women, Boston Massachusettes, April 25-28, 2004.

- “An Empowered Woman Makes a Difference” National Council of Women and the Women’s Bureau –International Women’s Day Programme: Commonwealth of Dominica: March 2004
- “Gender and Sustainable Development” School of Continuing Studies and the Directorate of Gender Affairs – International Women’s Day Programme: University of the West Indies, Antigua and Barbuda: March 2004.

Categories of Students

Undergraduate

Six courses were offered to undergraduate students during the academic year

	AR20A	AR20B	AR21A	AR21B	AR20M	SY37G	
Student Enrolment	79	22	18	35	34	208	396

The pre-requisites for these courses remain the same and all courses carry three (-3) credits.

Dorian Powell Prize

The fifth annual Dorian Powell prize was held in the Multi-functional Room of the Main Library, December 2003. A selection panel from the Board of Gender Studies selected Kameika Murphy to be recipient of the Dorian Powell Prize award of J\$10,000. The selection is based primarily on awareness and academic performance in at least three courses offered through the Mona Unit, Centre for Gender and Development Studies.

CENTRE FOR GENDER AND DEVELOPMENT STUDIES REGIONAL COORDINATING UNIT

**Professor Barbara Bailey, BSc Lond-UCWI, BSc (Med.
Microbiology), Dip. Ed, PhD, UWI – Head (interim)**

WORK OF THE CENTRE



Introduction

The Centre for Gender and Development Studies (CGDS) continues to grow in stature nationally, regionally and internationally since 1986, when it began as a *Project of Cooperation in Teaching, Research and Outreach in Gender and Development Studies*, supported by the Government of the Netherlands (GON). After grant funding for Phase 2 of the project had been exhausted, the Regional Coordinating Unit (RCU) was established

with one Academic Staff member on the establishment.

STAFF

In the interim, short term assistance has been provided by Research Assistants, the last of whom was funded by CUSO, a Canadian Development Agency. She returned to Canada at the beginning of the academic year 2003/04 after having worked for two years in the Unit. Representations to the Vice-Chancellor by the Regional Coordinator resulted in a slight easing of the staff situation in the RCU, when he agreed to allow the employment of a Lecturer to assist with the completion and coordination of the Certificate Programme and the fulfilment of the terms of the University's contract with the Government of the Netherlands. Dr. Yasmeen Yusuf-Khalil, an expert in Instructional Design, Curriculum Development and Distance Education, continues to work tirelessly at editing, rewriting and assessing courses for the programme. She has been working on the Centre's website with the Webmaster, in order to allow the Centre to meet another project deadline for the establishment of a

Database in Gender and Development Issues, which is to be made available on the site. She is also trying to develop strategies to market the Certificate Programme in Gender and Development Studies successfully in the region.

The volume of work has very significantly increased over the years, and the Unit has made serious and usually successful efforts to secure grant funding to carry out its mission. These funds do not, however, provide for staff, since the funding agencies regard this as a counterpart responsibility of the beneficiary institution.

Furthermore, as a result of a massive cut in the Jamaican government's subvention to the UWI, the Unit has lost the services of the temporary, part-time Documentalist, who was also responsible for maintaining the Homework Centre for the children of staff and commuting students. This has brought to an end the specialist reference service that was provided by her to members of the student and academic community, as well as researchers within and outside of Jamaica.

However, the staff attempts to keep pace with the work and meet the reporting deadlines of the agencies.

The Unit, at this time, is implementing several research projects which are of crucial importance to the region, and despite limited resources, Prof. Bailey continues to be involved in the writing and implementation of project proposals for funding some of the Centre's activities.

The work of the Centre comprises

- Teaching and Research
- Consultations and training through workshops
- Implementing regional projects on behalf of the university and of multi-lateral agencies.

TEACHING & CURRICULUM DEVELOPMENT

Graduate Teaching

Prof. Bailey continues to be the Coordinator of the Graduate Programme of the Centre, which offers MSc, MPhil, and PhD degrees. She also teaches and is first examiner for the course GS63B: *Gender, Education, Training and Work*.

Problems, related to time and money, continue to constrain applicants for the full-time M.Sc. Programme, and several students failed to take up the offer of a place. The Campus Committee for Graduate Studies and Research was therefore asked to allow the deferral of an intake for the academic year 2003/04; and a change of registration status, which will allow the Centre to offer the MSc part-time, was also requested. It is hoped that this will signal an increase in enrolment. One of the three MSc students from the 2001 cohort has graduated, one was granted a leave of absence for personal reasons, and the third is making revisions to her Research paper. Eight MPhil, and three PhD students remain.

Supervision of Graduate Students

In addition to supervising these CGDS students, Professor Bailey also supervises one MPhil/PhD student from the Faculty of Humanities and Education, who is conducting research towards An Evaluation of the Associate Degree in Business Studies, Offered by Jamaican Community Colleges.

Certificate Programme

The development of an 18-month part-time *Certificate Programme in Gender and Development Studies*, funded by the Government of the Netherlands, continued. Course material for the second semester was prepared by the Curriculum Specialists, Barbara Bailey and Yasmeen Yusuf-Khalil, in collaboration with the University of the West Indies Distance Education Centre (UWIDEC).

The programme began in Semester II of the academic year 2002/2003 with a Pilot Cluster of 14 students. Of these 14 students, nine are in the process of writing up their Research Project, and five have had to take a leave of absence for various reasons, but have signified their intention to complete in the academic year 2004/05. Eleven students registered for Cluster I in September 2003, and received tutorial sessions from Dr.Yusuf-Khalil and Ms Charles, when they visited 7 of the sites with participating students in March 2004. Nine students from this group are registered for the final component, the Research Project. One student has opted to do the courses only, and the other has taken a leave of absence

RESEARCH PROJECTS IN PROGRESS

The Centre last year reported that the research proposal to examine and report on the causes of *Gender Differentials in Performance at the Secondary and*

Tertiary Levels of Education Systems in Member Countries of the Caribbean Development Bank (CDB), had been divided into six sections, and funding had been acquired from the CDB, The Canadian International Development Agency (CIDA), through the Gender Equality Programme; the Royal Netherlands Embassy, and the UWI Mona's Research and Publications Committee. In order for a determination to be made about the countries in which the Research would be conducted, and the type of data which would be needed, two of the sub-projects needed to be completed. One was the annotated bibliography, and the second the *Database on Enrolment, Participation, and Performance Indicators at the Secondary and Tertiary Levels of Education Systems of CARICOM Member States*

Annotated Bibliography on Gender Issues in Education

This bibliography was completed with funding from the Government of the Netherlands and is to be published at a later date. Items from the bibliography will also be placed on the Centre's website as part of a database on *Gender and Development Issues in the Anglophone Caribbean*.

Database on Enrolment, Participation, and Performance Indicators at the Secondary and Tertiary Levels of Education Systems of CARICOM Member States

The establishment and analysis of this *Database*, which sought to identify significant gender differences in enrolment and participation, and points of difference based on calculation of Gender Parity Indices (GPI) and gender achievement gaps was completed by Prof. Barbara Bailey and Mrs. Myrna Bernard of the CARICOM Secretariat. A comprehensive report was presented to the Canada/Caribbean Gender Equality Programme (CCGEP), Barbados and the Organisation of Eastern Caribbean States (OECS), who provided the financial support, to the Council for Human and Social Development (COHSOD) through CARICOM, and to the Campus Principal, The UWI, Mona.

The data collected will factor into the larger research activity by helping to identify gaps at the data sources, and the countries in which the research should be conducted.

Gender Differentials in Performance at the Secondary and Tertiary Levels of Education Systems in Member Countries of the CDB, specifically: An In-depth Study of Socio-Political Factors and Schooling

The research related to the *In-depth Study* began with three design workshops, which were held in Jamaica and Barbados between November 2003 and March 2004. The participants included representatives from

various disciplines from the 3 campuses: from the CGDS, the Institutes of Education, the Dept. of Economics, The Caribbean Community (CARICOM) Secretariat, the Education Reform Unit (OERU) of the Organisation of Eastern Caribbean States (OECS), and one Chief Education Officer (CEO) from Belize, representing regional Ministries of Education.

Specialist Studies

It has proven extremely difficult to collect data for these studies. To date, only one of the four, *Attrition/Dropout with Particular Reference to the Secondary Level* is complete. A report was submitted by Dr. Monica Brown, the Chief Researcher, who outlined some of the difficulties she experienced when trying to gather data.

A second progress report on *Alternative Pathways for Tertiary Education* has been received from Prof. Eudine Barriteau, who has experienced difficulty in identifying a researcher in Jamaica to carry out the research. Discussions regarding the project have been held by Professor Barriteau and Dr. Mark Figueroa, and by Prof. Barbara Bailey and Ms Kristin Fox, Databank Manager of the Sir Arthur Lewis Institute of Social and Economic Studies (SALISES) with respect to the study on *Sex Differentials in Educational Outputs and Outcomes*. In each case it was decided that a local Consultant needs to be identified to do the required data collection.

In the case of the study on the *Demographics of the School Population in Caribbean Education Systems*, a pilot study of the situation in Jamaica was carried out in a selection of schools across Jamaica, and the results of the data analysis will inform certain aspects of the wider research project. Permission is being sought to combine this project with the main run of the *In Depth Study of Socio-Political Factors affecting Schooling*, when data relevant to the rest of the countries being researched would be collected.

Other Departmental Professional Activities

Prof. Bailey and staff of the Centre attended and participated in the following conferences, workshop and other related activities:

Mona Academic Conference

The Mona Academic Conference 2003 was a celebration of the tenth anniversary of the establishment of the Centre for Gender and

Development Studies. The conference whose theme was *Gender in the 21st Century: Perspectives, Visions and Possibilities* was planned by a Committee co-chaired by Pro-Vice-Chancellor Elsa Leo-Rhynie, and Prof. Barbara Bailey, and held at Mona between August 29 and 31, 2003. Papers were presented by Prof. Barbara Bailey, Regional Coordinator, Ms Michelle Davis, Ms June Ann Castello, Ms Suzanne Charles, and Ms Shakira Maxwell. Mrs. Louraine Emmanuel was secretary to the Planning Committee and Ms Davis and Ms Castello were members of the Committee. The Conference was well attended and papers were of a consistently high quality.

All presenters were invited to submit papers for inclusion in a text book titled *Gender in the 21st Century: Caribbean Perspectives, Visions and Possibilities*. The papers received were peer reviewed, and the manuscript sent to Ian Randle Publishers. It has now been published and will be launched at the 2004 Academic Conference.

OUTREACH

The Outreach Programme, one of the most important of the Centre's activities since its beginnings in 1986 as a project, continues to expand. Three activities undertaken over this period are the Centre's participation, through Prof. Bailey in the development and implementation of a strategy for mainstreaming gender into CARICOM programmes and the education process in general, a training workshop with teacher Educators, and one concerned with the development of two training modules for the training of middle managers.

Gender Mainstreaming

Prof. Bailey has been very involved in activities related to a gender mainstreaming strategy developed by the CARICOM Secretariat, and served as a member of a task force established for this purpose. The output of the task force is a publication – *CARICOM Plan of Action to 2005: Framework for Mainstreaming Gender into Key CARICOM Programmes*. Professor Bailey presented the strategy at a roundtable of Ministers in charge of Women's/Gender Affairs and presented a paper on *Application and Implementation of the Framework: The Education Sector* in Georgetown, Guyana in November 2003. She was also invited by the CIDA Office in Guyana to make comments at the National Launch of the *CARICOM Plan of Action to 2005* in Georgetown. Following the launch, she was invited to

present the strategy at a workshop mounted by the Bureau of Women's Affairs for interested stakeholders.

Gender Awareness Training Programme for Teacher Educators in the Region.

CARICOM acquired funding for their Capacity Development Programme from CIDA, which allowed Professor Bailey and Dr. Monica Brown of the Institute of Education, Mona, to design and facilitate two workshops to prepare teacher educators from 15 Caribbean countries to implement a module for teacher education on *Gender Issues in Caribbean Education*. This module, the output from another project, had been written by themselves and Dr. Yasmeen Yusuf-Khalil in consultation with Teacher Educators, brought together in a series of training workshops.

One workshop was held in Trinidad from November 15-17 2003 and the other one in Jamaica from March 2-4, 2004. This additional training served to consolidate what has been started in the previous workshops in order to ensure implementation of the curricula in all regional teacher training colleges. Valuable data were also obtained in these workshops, which could inform the production of a second edition of the module. CARICOM is seeking funding to do this and publish the module as a commercial venture.

Development of Gender Training Modules for Women in Middle Management

In response to certain training needs identified by the United Nations and the World Bank, and which include the use of Gender analysis as a strategy for bringing about change and transformation in organisational structures, the CGDS/RCU with funding from the CCGEP (Jamaica) and the United Nations Development Fund for Women (UNIFEM) held a training workshop to enhance the skills of writers of training material for dual mode delivery. The first draft of the module *Gender and Management* was completed and significant gaps were identified in the module on *Gender Issues in the Caribbean*. In an effort to move the process forward, a workshop to review material developed up to that point was held in Jamaica from November 23 – 25, 2003 with Prof. Bailey, Ms Gemma Tang-Nain of CARICOM, and Ms Audrey Ingram Roberts a Development Consultant. In the case of the first module, suggestions were made to improve the sequencing and flow of the material, while in the second case, based on the gaps identified, additional objectives and content were outlined. Ms. Roberts agree to undertake revisions of the first module and completion of the writing of the second module.

African Diaspora Working Group

In July 2004, Professor Bailey attended the final meeting of the African Diaspora working group, whose membership was drawn from scholars in the USA, Africa, Brazil, and Jamaica, to look at issues of religion, gender and poverty. The group was sponsored by Princeton University's Theological Seminary, and the final meeting was held at Princeton University, New Jersey, USA.

RESEARCH IN PROGRESS

Research continues in the areas of Gender Issues in Education, Development of Masculinities and Femininities, and Gender-based Violence.

Root Causes of Gender-Based Violence - Canada Caribbean Gender Equality Programme

This project is funded by the CIDA through the CCGEP in Jamaica, and falls into one of the critical areas of world-wide as well as regional concern, having been identified as one of the five critical issues affecting women in the region.

A literature search was conducted and an annotated bibliography was prepared, pulling together the material that is available. The data formed the basis of a report prepared by Ms Althea Perkins, a Research Assistant in the Centre. This was followed by a workshop which brought together representatives from a number of agencies working in this area. The workshop was used as a vehicle for identifying possible courses of future action. The long term aim of the research is "to inform national policy and to promote public education programmes, and interventions aimed at significantly reducing the occurrence of gender violence".

Gender Training and Research

The Government of Japan's Women in Development (WID) Fund has contributed funds for the development of a bibliography on gender-based violence in the region, and a database on gender issues in development which is to be made available on a web site which will allow access to current research on Caribbean issues to policy analysts, planners, and international development agencies. The first draft of the bibliography has been submitted by the Consultant, who is also preparing the database.

Work on the website is far advanced and it will be available for viewing by December 2004.

The Centre's distance education programme has also received support, and a research project to examine gender-based violence as it relates to *Gender Socialization, Violence and the Education System* is in the planning stage.

PAPERS PRESENTED

Bailey, Barbara

- Education: Pathway to Gender Equality and Women's Empowerment? A Study of Barbados and OECS States Indicative Policy Directions, CIDA Social Sector Issues Forum. Bridgetown, Barbados, January 2004.
- "Application and Implementation of the Framework for Mainstreaming Gender into Key CARICOM Programmes: The Education Sector", roundtable of Ministers in charge of Women's/Gender Affairs in Georgetown, Guyana in November 2003
- Innovation and Change at the University of the West Indies: Establishment of a Gender and Development Studies Programme. VI Encuentro de Centros y Programas de Estudios de la Mujer y de Genero En Instituciones de Educacion Superior de America Latina y el Caribe. Cuernavaca, Mexico: October 2003.
- "The Caribbean Experience in the International Women's Movement: Issues, Process, Constraints, Opportunities", Mona Academic Conference August 2003 at The University of the West Indies, in Kingston, Jamaica.

PUBLICATIONS

Refereed Books

- * Gender in the 21st Century: Caribbean Perspectives, Visions and Opportunities. (eds) Bailey, Barbara and Elsa Leo-Rhynie. Kingston, Jamaica: Ian Randle Publishers, 2004.

- * Gender Equality in the Caribbean: Reality or Illusion. (eds.) Bailey, Barbara, and Gemma Tang-Nain. Kingston, Jamaica: Ian Randle Publishers. 2003

Refereed Articles

Bailey, Barbara

- * (with M. Davis) Teen Life in Jamaica. In: (eds.) Tomkins, Cynthia M. & Sternberg, Kristen. Teen Life in Latin America and the Caribbean. Connecticut: Greenwood Press. 2004
- * Gender and Education in Jamaica: Who is Failing and by Whose Standards? PROSPECTS Quarterly Review of Comparative Education. 34(1):37-51, 2004
- * “Gender Vulnerabilities in Caribbean Labour Markets and Decent Work Provisions”. Social and Economic Studies 52:4 pp.49-81. 2003
- * In: (ed.) Kalny, C.T. The Greenwood Encyclopaedia of Women’s Issues Worldwide: North America and the Caribbean. Westport, Connecticut. London: Greenwood Press. 2003
- * The Search for Gender Equity and Empowerment of Caribbean Women: The Role of Education. In: (eds.) Tang-Nain, G. & Barbara Bailey. Gender Equality in the Caribbean: Reality or Illusion. Kingston, Jamaica: Ian Randle Publishers. 2003
- * “Engendering Governance: Strategies for Promoting Gender Equality”. In: (eds.) Hall, K.& Benn, D. *Governance in the Age of Globalisation: Caribbean Perspectives*. Kingston, Jamaica: Ian Randle Publishers.2003

Non-Refereed Articles

- * CARICOM Plan of Action to 2005: Framework for Mainstreaming Gender into Key CARICOM Programmes (with Gemma Tang-Nain) Guyana, CARICOM, 2003.
- * Case Study on Gender-Sensitive Educational Policy and Practice in Jamaica. Education for All Global Monitoring

Report. International Bureau of Education, UNESCO.
Geneva, Switzerland.

PUBLIC SERVICE

Barbara Bailey

- Member, Project Advisory Committee for Jamaica of the Canada/Caribbean Gender Equality Fund (CCGEF)
- Member, Board of Directors, Joint Board of Education Foundation, Institute of Education, University of the West Indies.
- Chair, National Gender Advisory Committee
- Chair, Nursing Appeal Tribunal, Ministry of Health, Kingston, Jamaica
- Member, a Team appointed by United Nations Office for Project Services, to undertake a Local Study of Jamaica UNDP Assessment of Development Results
- Member, Team to develop a Regional Report on Progress Towards Achievement of the UNDP Millennium Development Goals for UND

CATEGORIES OF STUDENTS

Postgraduate Students

Three MSc students

Eight MPhil

Three PhD

Distance Certificate Students

Second intake of 14 students

CENTRE FOR MARINE SCIENCES

George F Warner, BSc Lond, PhD UWI – Director

WORK OF THE CENTRE



CMS consists of the Discovery Bay Marine Laboratory (DBML) and the offices at Mona, including our Caribbean Coastal Data Centre (CCDC). The work at DBML is dominated by the provision of accommodation and research facilities to scientists and student groups, some from UWI but most from abroad. In this respect it is classed as a Commercial Unit, and this year has been its most successful ever in which income handsomely exceeded non-staff running costs. Visiting groups mainly come from the USA, but also from Canada and Europe. Their research over the years has given DBML its reputation as a premier coral reef laboratory. About 750 articles by visiting and local scientists arising from research at DBML have been published since 1968.

Internal UWI recognition of work conducted at the Discovery Bay Marine Laboratory (DBML) came in January with an Award for the Most Successfully Commercialized Research Project in the Faculty of Pure and Applied Sciences to Dr Anthony Greenaway (Chemistry) for the work of his Chemical Analytical Facility at DBML. Commercial work has included analysis of water samples for USAID/GOJ funded projects and for hotel chains, determining levels of land-based pollutants such as nitrates, phosphates and ammonia. The income supported a technician, chemicals, equipment, some overheads and the analysis of samples for research by UWI staff and students. Dr Greenaway's lab has set standards in coastal water quality analysis by which other labs in Jamaica are measured.

A new initiative, which has borne fruit this year, has been our involvement in, and coordination of, the Jamaica Coral Reef Monitoring Network (JCRMN). This group of enthusiastic divers and organizations with coastal interests, has enabled the systematic study of many more reefs than had been surveyed previously. Funding has come from UNEP, the British High Commission and the International Coral Reef Initiative. Particular focus has been on the south coast, especially the Port Royal Cays and reefs in the Portland Bight Protected Area. JCRMN also carried out the first

systematic studies of coral reefs in Haiti. The activities of the JCRMN have been coordinated from our CCDC as part of our funded responsibilities for data-gathering and dissemination. The results from these studies will contribute to the Status of Coral Reefs of the World 2004 report.

Several new grants this year have ensured that research continues to take up a large proportion of our time. These are detailed below, but special mention goes to a major collaborative project between DBML and the University of Mississippi, which has the ultimate goal of discovering new pharmaceutical products from marine organisms. Another important funded project is our study of transplanted corals at Rackham's Cay. These were relocated at great expense away from the site of dredging to widen the ship channel into Kingston Harbour. The project is intended to evaluate the success of this large coral relocation operation.

Staff matters

Early in the year, Miss Loureene Jones joined us as Data Analyst at the Caribbean Coastal Data Centre (CCDC). Administrative Supervisor at DBML, Mrs Samantha Cowan, left in April 2004; a permanent replacement is still being sought. In May, Mr Anthony Downes was promoted to Diving Officer at DBML and Mr Peter Edwards to Chief Scientific Officer at CMS. July 2004 saw the departure of Data Manager Mrs Dulcie Linton to join her family in Canada. Dulcie was instrumental in setting up the Data Centre more than 10 years ago, and has been the mainspring of its success over the last five years during which time the CCDC has enjoyed very good external support.

Workshops and Seminars

CMS Seminar Series

Five seminars were presented during Semesters 1 and 2, organized by Mr Peter Edwards.

- Ecotoxicology of mussels and oysters. Dr Margaret Jones-Williams
- Fisheries management in the US Virgin Islands. Dr Barbara Kojis
- Using otoliths to age snappers. Dr Karl Aiken
- A look at the South Coast Fishery: Whitehouse Fishing Beach. Anginette Murray
- The Antigua Racer conservation project. Sacha-Renee Todd

GIS workshop at DBML: 'Empowerment through Geographical Information Systems Technology', March 8-12.

Dr. Bruce Davis of Eastern Kentucky University led this workshop attended by a Jamaican team of 12 persons representing local NGOs from Negril to Port Antonio. Participants were introduced to data collecting, data entry and classification techniques with special reference to marine habitats. The workshop included a field exercise led by Dr. B.L. Kojis on the back reef surveying sea urchin populations. The workshop was funded by the ICBG Grant to DBML.

GRANTS & DONATIONS

Monitoring of transplanted corals at Rackham's Cay, Port Royal Cays.

J\$3.7 million for just over one year was awarded to CMS in September 2003 by the Environmental Foundation of Jamaica for research to study the success of this major coral relocation exercise. Both the corals and the environment will be regularly monitored, and the grant will provide funding for both the personnel and equipment involved.

International Cooperative Biodiversity Groups grant in collaboration with the University of Mississippi

In November 2003, the National Institutes of Health awarded an ICBG grant to researchers at the University of Mississippi's National Centre for Natural Products Research (NCNPR) for a planning study on "New Drugs from Marine Natural Resources from Jamaican Reefs" in collaboration with DBML, UWI. Dr Quinn negotiated DBML's involvement and our share of the grant will be J\$8.5 million over 2 years with the possibility to increase the funding and extend the funding period. The grant will support additional personnel at DBML, workshops with local stakeholders, biodiversity assessments at sites around Jamaica, and necessary international travel.

International Coral Reef Initiative (ICRI) grant

US\$25,700 from ICRI for one year, awarded to CMS in January 2004. This grant is to support continued surveys of the coral reefs in the Portland Bight area of Jamaica, in collaboration with the Jamaica Coral Reef Monitoring Network (JCRMN) and Caribbean Coastal Area Management

(CCAM). The work has been organized through the CCDC, with results going towards status reports on Jamaica's coral reefs.

USAID Grant for "Coral Gardens" research

US\$25,000 has been received from USAID in April 2004 for a one-year pilot study in collaboration with Counterpart International Inc. The research will initially focus on growth of fragments of stag-horn coral, *Acropora cervicornis*.

CIDA funding for DBML Summer Camp

DBML has gratefully received J\$183,000 funding from the CIDA Green Fund to assist in mounting a Summer Camp and to assist needy students to attend. The EcoCamps started on the 7th July 2004 with 20 campers aged around 9 yrs.

Funding to attend conferences or workshops overseas

CMS personnel were funded to attend six overseas academic conferences or workshops during 2003-4. Estimated average cost to the donors of each trip including flights, accommodation, etc. was about US\$1000.

RESEARCH IN PROGRESS

Mr P M H Gayle

- Coastal ecosystem monitoring under the CARICOMP protocol
- Video-monitoring of deep reefs

Dr A M Greenaway (& students)

- Water quality in the Great River, Black River and coastal sites including Discovery Bay

Dr N J Quinn

- Settlement and recruitment of marine invertebrates
- Temperature fluctuations in coastal waters
- Pelagic fish stocks off Discovery Bay
- Biodiversity of Jamaican coral reefs

Dr G F Warner and students

- Taxonomy and ecology of black corals on Jamaican reefs

- Monitoring of relocated corals at Rackham's Cay, Port Royal Cays
- Sessile fauna on a new submarine cliff, Rackham's Cay, Port Royal Cays
- Coral reef surveys around Jamaica

PAPERS PRESENTED

- Edwards, P.E.T. (Guest Speaker). The Importance of Wetlands. World Wetlands Day Celebration, Ridge to Reef Watershed project (USAID/GOJ). Port Antonio, 2 February, 2004.
- Lindo, P. & Warner, G.F. Observations on a breeding population of Brown Pelicans in Kingston Harbour. 14th Regional Meeting of the Society for the Conservation and Study of Caribbean Birds. Tobago, 21-25 July, 2003.
- Linton, D.M. Caribbean Coastal Data Centre (CCDC). International Workshop on coral reef monitoring data. World Fish Centre, Penang, Malaysia, 2-4 December, 2003.
- Quinn, N.J. Assessing Pelagic Fish Stocks off Jamaica Using Game Fishing Tournament Results. 56th Gulf and Caribbean Fisheries Institute meeting. Tortola, BVI, 11-14 November, 2003.
- Quinn, N.J. Invertebrate larvae as biological indicators of in shore habitat quality at Discovery Bay, Jamaica. MarCuba '03. Habana, Cuba, 1-5 December, 2003.
- Quinn, N.J. Using Underwater Photography as a Tool to Increase Awareness of the Coral Reef Habitat. 7th Biennial Conference of the School of Education. Ocho Rios, 15-17 April, 2004.
- Warner, G.F. The Caribbean Coastal Marine Productivity Program (CARICOMP). 1st Caribbean Workshop of the Census of Marine Life (CoML). Isla de Margarita, Venezuela, 15-17 June, 2004.
- Warner, G.F. Marine biodiversity in Jamaica: the known and the unknown. 1st Caribbean Workshop of the Census of Marine Life (CoML). Isla de Margarita, Venezuela, 15-17 June, 2004.

**Presentations at the 10th International Coral Reef Symposium,
Okinawa, Japan, 28 June-2 July, 2004.**

- Edwards, P.E.T., Warner, G.F., Wilson-Kelly, P.H., & Hibbert, M.H. Evaluating the success of a major coral relocation exercise at Rackham's Cay, Kingston Jamaica.
- Kojis, B.L., Uwate, K.R. & Quinn, N.J. Comprehensive Census of fishermen in the US Virgin Islands. Poster.
- Linton, D.M. The status of reefs in the wider Caribbean.
- Linton, D.M. Jamaica - status of coral reefs. Poster.
- Quinn, N.J. Documenting Melanesian traditional aquatic knowledge and fishing practices. Poster.
- Quinn, N.J., Gochfeld, D., Slattery, M., Hamann, M.T., Walker, L. & Kojis, B.L. Discovering pharmaceutically interesting natural products from the coral reefs of Jamaica. Poster.
- Quinn, N.J. & Kojis, B.L. Invertebrate recruitment patterns inside and outside Discovery Bay, Jamaica.
- Quinn, N.J. & Kojis, B.L. Salinity variation on an off shore coral reef after a period of intense rainfall.
- Quinn, N.J., Samuel, R. & Kojis, B.L. Papua New Guinea's participation in a global assessment of human effect on coral reef, 1998 to 2000. Poster.

PUBLICATIONS

Refereed

- * Kojis, B.L., Quinn, N.J. & Caseau, S.M. 2003. Recent settlement trends in *Panulirus argus* (Decapoda: Palinuridae) pueruli around St. Thomas, U.S. Virgin Islands. *International Journal of Tropical Biology and Conservation / Revista de Biología Tropical*. 51(4): 17-24.
- * Quinn, N.J. & Kojis, B.L. 2003. Variation in subsurface seawater temperature off Discovery Bay, Jamaica and the U.S. Virgin Islands. *International Journal of Tropical Biology and Conservation / Revista de Biología Tropical*. 51(4): 181-187.

- * Quinn, N.J. & Kojis, B.L. 2003. The dynamics of coral reef community structure and recruitment patterns around Rota, Saipan, and Tinian, western Pacific. *Bulletin of Marine Science*, 72(3): 979-996.
- * Quinn, N.J. (ed) 2004. Melanesian Aquatic knowledge and Fishing Practices. CBS Publishers. 128 pp.
- * Warner, G.F. 2004. Black corals in Jamaica. *Jamaica Journal*, 27(2-3): 41-44.
- * Warner, G.F. & Opresko, D.M. 2004. A new black coral (Anthozoa: Antipatharia) from a reef wall environment in Jamaica. *Bulletin of Marine Science*, 74: 169-174.

Non-Refereed

- * Creary, M., Trotz, U.O'D. & Bruce, J.P. 2004. Climate change in the Caribbean – impacts and adaptation to the water sector. pp 7.14 – 7.22 in: Proceedings of the National Scientific Conference on the Environment, April 9-10, 2003. Jamaica Institute of Environmental Professionals.
- * Creary, M., Walling, L., Green, S. & Wilson-Kelly, P. 2004. Coral reef monitoring for climate change impacts: the value of videography as a monitoring tool. pp 7.1 – 7.6 in: Proceedings of the National Scientific Conference on the Environment, April 9-10, 2003. Jamaica Institute of Environmental Professionals.
- * Edwards, P. 2003. The fate of agro-chemicals in the land water interface, with reference to Jamaica and the wider Caribbean. DFID NRSP Project R7668 (Report 5). 30 pp.
- * Gayle, P.M.H & Secora, M.J. 2004. Reef fishery management in Discovery Bay, Jamaica. Reef Encounter, 32, April 2004: 47-48.
- * Gayle, P.M.H., Wilson-Kelly, P. & Green, S. 2004. Coral relocation and dredging at Rackham's Cay – Port Royal. pp 8.72 – 8.84 in: Proceedings of the National Scientific Conference on the Environment, April 9-10, 2003. Jamaica Institute of Environmental Professionals.

- * Linton, D.M. 2003. Jamaica Coral Reef Monitoring Network (JCRMN) Reef Check Training Workshop and Data Collection in the Negril Marine Park. Report 03/01 from the Caribbean Coastal Data Centre. 4 pp.
- * Linton, D.M. 2003. Reef Check Training and Coral Reef Monitoring in Haiti. Report 03/02 from the Caribbean Coastal Data Centre. 6 pp.
- * Linton, D.M., Jones, L. & Edwards, P.E.T. 2004. Preliminary Report of Coral Reef Monitoring of the Portland Bight Protected Area (PBPA). Report 04/01 from the Caribbean Coastal Data Centre, 10 pp.
- * Linton, D.M. 2004. JCRMN trains Sandals International in Reef Check Monitoring. Report 04/02 from the Caribbean Coastal Data Centre, 4 pp.
- * Linton, D.M. & Jones, L. 2004. JCRMN Reef Check Survey of Channel Edge Reef, Boscobel. Report 04/03 from the Caribbean Coastal Data Centre, 4 pp.
- * Linton, D.M. & Fisher, T. 2004. CARICOMP – Caribbean Coastal Marine Productivity Program: 1993-2003. CARICOMP, Caribbean Coastal Data Centre, UWI (ISBN 976 610 624). 91 pp.
- * Linton, D.M. & Jones, L. 2004. JCRMN Reef Check survey of Drunkenman's Cay, Port Royal, Jamaica. Report 04/04 from the Caribbean Coastal Data Centre, 5 pp.
- * Linton, D.M. 2004. Report to the International Coral Reef Initiative (ICRI) Monitoring of the Portland Bight Protected Area (PBPA), Jamaica. Report 04/05 from the Caribbean Coastal Data Centre, 5 pp.
- * Quinn, N.J. 2004. Have good land management practices protected essential coastal nurseries? Case Study: Discovery Bay, Jamaica. pp 5.25 – 5.32 in: Proceedings of the National Scientific Conference on the Environment, April 9-10, 2003. Jamaica Institute of Environmental Professionals.
- * Quinn, N.J. and Gayle P. (eds.) 2004. Discovery Bay Marine Laboratory Annual Report 2003. 20 pp.

- * Woodley, J., Sary, Z., Gayle, P. & Secora, M. 2004. Fisheries Improvement Programme: reef fishery management in Discovery Bay, Jamaica. pp 3.1 – 3.4 in: Proceedings of the National Scientific Conference on the Environment, April 9-10 2003. Jamaica Institute of Environmental Professionals.

PUBLIC SERVICE

P.E.T. Edwards

- Scientific Adviser, Kingston Harbour Mangrove Replanting Steering Committee

D.M. Linton

- Member, Steering Committee, Caribbean Coastal Marine Productivity program

N.J. Quinn

- Member, Jamaican Hotel and Tourist Association, Ocho Rios
- Member, St. Ann's Bay Chamber of Commerce

G.F. Warner

- Member, National Council for Ocean and Coastal Zone Management
- Member, Scientific Authority for CITES
- Member, Advisory Board, Natural History Division, Institute of Jamaica
- Member, Steering Committee, Caribbean Coastal Marine Productivity program

STUDENTS AND TEACHING

Postgraduate students registered with CMS, 2003/4

	MPhil	PhD
Conducting fieldwork	1	-
Writing up	4	1
Submitted	3	-
Degree awarded in 2003/4	-	2

Total	8	3
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The PhD Degree in Marine Science was awarded to Robert Murray. His thesis was entitled “An assessment of grazing potential in herbivorous fishes on macroalgae-dominated reefs.” Supervisors were Drs J. Woodley, D. Webber and G.F. Warner.

The PhD Degree in Marine Science was awarded to Leandra Cho. Her thesis was entitled “Jamaican north coast reefs: the grazing potential of *Diadema antillarum* and the implications for reef community structure”. Supervisors were Drs J. Woodley, D. Webber and G.F. Warner.

Teaching contributions by CMS

- Marine components in the Life Sciences MSc Biological Approaches in Ecosystem Management
- Coral reefs in BL31F Benthic Marine Communities
- Components in BL20L Diving Technology for Aquatic Scientists

EARTHQUAKE UNIT

**Margaret D. Wiggins-Grandison BSc (UWI), MS (Atl. U),
PhD (U. Bergen) – Research Fellow in Seismology**

WORK OF THE DEPARTMENT



In February a VSAT dish-antenna was installed courtesy of the United Nations Comprehensive (Nuclear) Test-Ban Treaty Organisation (CTBTO) to provide direct and secure access from the EQU to their global databases at their Vienna headquarters. Unfortunately, it has not yet been connected to the EQU's existing hub. The preparation of the mount for the antenna was successfully contracted to the Electronics Unit who also refurbished and erected a 20-foot tower on the roof of our building for the purpose of raising the antennas receiving signals from the local seismographs. Over the past few years the growth of new buildings and large trees around the EQU has degraded signals being received by our antennas located at roof-line. All signals from the Jamaica Seismograph Network (JSN) come in via one of three high sites, Cooper's Hill, Stony Hill and Greenwich, which surround the Mona valley.

F. Ionica and P. Williams completed sixty-eight trips to repair seismograph stations, check on accelerometers and deploy and retrieve data from the Global Positioning Systems. Tests were successfully carried out by F. Ionica using telephone modems to remotely access an accelerometer. The method can only be fully implemented once the appropriate modems and lines are acquired. On August 22 while on way to repair the station at Montego Bay, the Unit's vehicle was involved in a collision on the Lillyput main road. It was rear-ended by another car. The driver and sole occupant, P. Williams was not hurt but field work was impeded for a couple of months, while the vehicle was being repaired. During the week of March 15, M. Wiggins-Grandison and colleagues from the University of Wisconsin went on a number of field trips to investigate preliminary results of the on-going GPS project to measure fault slip rates on the island (details later). Additionally, R. Stewart and K. Black

conducted a macroseismic survey in St. Thomas, the epicentral area of the May 27 felt earthquake to gather details of the effects of the event.

Seven consultation requests were handled which provided clients with information on felt earthquakes, earthquake damage potential and in one case, a site specific seismic hazard assessment was performed. The (felt) Earthquake Reporting form underwent a thorough revision to make it shorter and user friendly without compromising its effectiveness in harvesting information on the effects of felt earthquakes. The web-page of the EQU is undergoing a similar revamping using the UWI template as the basis for its re-design. Apart from public exhibitions which are listed elsewhere, the EQU hosted some five hundred students from eight schools and their teachers who came to learn about how earthquakes are detected and located and the incidence of seismicity in Jamaica. The visitors came from Kingston, St. Andrew, St. Thomas, Manchester and Westmoreland.

In May, M. Wiggins- Grandison reported to the National Disaster Committee at the Office of the Prime Minister, on the state of the JSN and future plans which were well received by the audience. As a result two proposals outlining plans to upgrade the JSN to fully digital and to expand the GPS network of monitoring sites were written and submitted to the Ministry of Land and Environment (ML&E) under whose portfolio the EQU's budget falls. In March, K. Black attended a Disaster Management Information workshop put on by the Caribbean Disaster Emergency Response Agency (CDERA) at the Jamaica Conference Centre. She also represents the EQU at Public Relations meetings of the ML&E submitting relevant information for their newsletter, "Land and Environment News", as well as articles for the "Geode", the newsletter of the Geological Society of Jamaica, and she represented the Unit at the planning meetings for UWI's Research Day 2005.

Earthquakes recorded

During this academic year, four hundred and eleven earthquakes were recorded by the Jamaica Seismograph Network (JSN) of which 152 were local events, 47 near, 100 regional, 42 distant, and 70 were attributed to local man-made explosions. One hundred and eleven of the local earthquakes (73%) and forty-three near events (91%) were located (see map below). Seven earthquakes were felt locally. Most notable was the earthquake of May 27, 2004 that attained a maximum intensity of EMS V (European Macroseismic Scale) in Richmond Vale, St. Thomas and was felt across the rest of Jamaica with intensities of EMS II to IV. This

magnitude 4.3 earthquake was apparently associated with movement along the Yallahs-Plantain Garden fault near Cedar Valley in western St. Thomas.

Jamaica Seismograph Network (JSN)

All twelve seismograph stations worked this year. The north-east stations namely, Bonny Gate - St. Mary; Bamboo - St. Ann and Castle Mountain - Portland were reinstalled in April, May and June, respectively after being down for the better part of two years. The signal quality was improved by using power amplifiers at Castle Mountain and at Bonny Gate. The station at Yallahs Hill was vandalised in November and has been out of action since then. Globe Insurance Company Limited again came to the rescue by donating \$100,000.00 to refurbish and make secure the station house. This work is progressing. The broad-band seismometer was returned to the factory as technical staff reported problems with the communications gateway to the instrument.

Most stations performed better this year than in the last two years (see Station Performance chart). The station at Negril continued to perform poorly recording less than ten percent of local and near Jamaica earthquakes. The station requires better housing such as a buried vault to isolate the seismometer from surface noises and provide good contact with bedrock.

The overall performance of the JSN improved marginally this year. Among local and near earthquakes, the percentage of poorly recorded events declined this year compared to last year while the relative numbers of well recorded earthquakes increased (see Network Performance chart).

Jamaica (Digital) Accelerograph Network

Seven accelerographs are in operation at Mandeville, Negril, Old Harbour, Port Antonio, Runaway Bay, Stony Hill and Mona Campus. One was damaged by lightning and is in need of repair but no funds were available this year. The instrument in Mandeville was moved to a more secure location. The earthquake of May 2004 triggered the instruments at Mona and Port Antonio. So far the strong-motion database contains about ten accelerograms from about four stations. Some of these were provided to Geotechnical Engineers for use in the design of Highway 2000.

Global Positioning System network

This project is funded by the National Science Foundation (NSF) of the United States of America, proposed and directed by Professor Charles DeMets of the University of Wisconsin and assisted by M. Wiggins-Grandison who has offered the full support of the EQU's staff and vehicle to carry out measurements across the island. The aim is to measure slip rates on active Jamaican faults, which will lead to better understanding of Jamaican neotectonics and ultimately seismic hazard. The project began in January 1999.

Map of local and near-Jamaica earthquakes for August 2003 – July 2004

About twenty GPS sites were occupied with the portable Trimble instrument this year. The sites span the island from Morant Point to Negril. The instrument is left at each site for eight to ten days, except for two sites, namely Pike and Portland Ridge that have other instruments on continuous monitoring. Data was also collected from these sites at regular intervals.

Professor Charles DeMets, and a colleague, Dr. Basil Tikoff also from the University of Wisconsin visited the island during the week of March 15. The current results were presented in a brown-bag seminar at the Department of Geography and Geology by Professor DeMets. During the week M. Wiggins-Grandison and the visitors toured some of the suspect locations and discussed the future of the project with local geologists. A proposal was submitted by M. Wiggins-Grandison to the Ministry of Land and Environment (ML&E) requesting funds to establish more monitoring sites including sites at Morant Cays and Blower Rock on the Pedro Banks.

Staff

M. Wiggins-Grandison went on Study Leave from August to November 2003. The leave was spent at the University of Bergen in Norway. R. Stewart attended a training course for National Data Centre Technical staff from November 17 to 28th at the headquarters of the CTBTO in Vienna, Austria. P. Williams took Assisted Passage Leave from

September to November 2003. M. Wiggins-Grandison attended a regional workshop in Volcan, Chiriqui, Panama from March 4 – 15, 2004 on, “High Quality, Low-Cost Regional Seismic Networks”. The Unit’s Administrative Secretary, E. Ayre resigned effective July 31, 2004. K. Black acted in that capacity ensuring that budgets and accounting details were submitted on time to the Office of the Prime Minister that handles the ML&E’s accounts.

RESEARCH IN PROGRESS

Wiggins-Grandison, M.D.

- Receiver function analysis to determine the depth and nature of the crust-mantle transition for Jamaica.

(with DeMets, C.), Wiggins-Grandison, M.D., and staff

- Determination of slip velocities on local faults that may be associated with Jamaican neotectonics and wider Caribbean – North American Plate motions.

Ionica, F.

- Expanding the capabilities for data downloading in the Jamaica Strong Motion Network using GSM modems.

PUBLICATIONS

Refereed:

- * Wiggins-Grandison, M.D., Kebeasy, T.R.M. and Husebye, E.S. (2003). Enhanced earthquake risk of Kingston due to wave field excitation in the Liguanea Basin, Jamaica. *Caribbean Journal of Earth Science* 37, 21-32.
- * **Wiggins-Grandison, M.D.**, Havskov, J. (2004). Crustal attenuation for Jamaica, West Indies. *Journal of Seismology* 8, 193-209.
- * **Wiggins-Grandison, M.D.** (2004). Simultaneous inversion for local earthquake hypocentres, station corrections and 1-D velocity model of the Jamaican crust. *Earth and Planetary Science Letters* 224, 229-240.
- * **Wiggins-Grandison, M.D. (2003).** Advances in Jamaican Seismology, Doctoral. Thesis, Department of Earth Science, University of Bergen, Norway, 175 pp. **ISBN 82-9222-018-6.**

PRESENTATIONS

- Advances in Jamaican seismology [crustal model development and attenuation relations], Annual General Meeting of the Geological Society of Jamaica, Interfaculty Lecture Theatre, UWI-Mona. January 31, 2004,
- A career in Seismology. Career's Day 2004 : Holy Childhood High School

- The status of the EQU and future plans, National Disaster Committee Meeting, Office of the Prime Minister, Chairperson Hon P.J. Patterson. May 13, 2004,
- Earthquakes and earthquake occurrence in Jamaica, Seminar on the International Building Code at University of Technology, Department of the Built Environment, May 27, 2004,
- Earthquakes and Seismic Hazard in Jamaica, Grace Kennedy & Co. Group Ltd. Managers Group, Annual Disaster Preparedness Seminar. June 12, 2004.
- The Jamaica Seismograph Network, presented to the seismology staff from ISC and BGS, British Geological Survey, Edinburgh, Scotland. June 22, 2004

ELECTRON MICROSCOPY UNIT

Klaus W. Wolf, PhD – Head of Unit

WORK OF THE UNIT

The Electron Microscopy (EM) Unit, Mona, provides access to electron and optical microscopy, conducts pertinent preparations of various cell types and organisms and assists in analog and digital recording of resultant images. Researchers, Students and other Interest Groups have obtained results and gained a better understanding of optical and electron microscopy throughout the 2003/2004 academic year. Services in the fields of Transmission Electron Microscopy (TEM), various forms of Optical Microscopy (OM) and Macro-Photography (MP) were



provided as shown in Table 1. Researchers on and off the Mona Campus, Postgraduate-, Undergraduate-, and High School-students benefited from the EM Unit through tours and demonstrations (see below).

In June 2004, the advanced optical microscope of the EM Unit was upgraded with a 12 Megapixel digital camera linked to a dedicated workstation. The digital camera can also be used with the stereoscopic dissecting microscope of the EM Unit. Thus, light microscopic images can now be recorded digitally at high resolution.

Tab. 1: Services provided by the EM Unit during the academic year 2003/2004

Specimen	Technique	U.W.I Institutions
Insects (Orthoptera)	MP	Dept. Life. Sci., U.W.I., Mona
Stone tools	MP	Dept. Basic Med Sci., UWI, Mona
Cotton callus	MP	The Biotechnology Centre, U.W.I., Mona

Yam starch	OM (polarization)	The Biotechnology Centre, U.W.I., Mona
Cultured tissue of selected plants	OM (bright field)	The Biotechnology Centre, U.W.I., Mona
Hair follicles	OM (fluorescence)	Dept. Life. Sci., U.W.I., Mona
Parasitized fish tissue	OM (bright field)	Dept. Life. Sci., U.W.I., Mona
Rat liver	OM (bright field)	Dept. Basic Med. Sci., U.W.I., Mona
Rat breast tumors	OM (bright field)	Dept. Basic Med. Sci., U.W.I., Mona
Intestinal parasites of the rat	OM / MP	Dept. Life. Sci., U.W.I., Mona
Intestinal parasites of the dog	OM / MP	Dept. Life. Sci., U.W.I., Mona
Hookworms	OM / MP	Dept. Life. Sci., U.W.I., Mona
Fossil Foraminifera	OM (bright field)	Dept. Geography and Geology, U.W.I., Mona
Marine carbonate sand	sputter coating for scanning EM	Dept. Geography and Geology, U.W.I., Mona
Zinc and Cadmium salts (nanoparticles)	TEM	Dept. Chemistry, U.W.I., Mona

Laboratory classes were conducted with undergraduate students. Over a two-week period, Dr. Wolf delivered lectures and conducted tutorial and laboratory sessions in the course “Cells, Biomolecules and Genetics

(BB10A)”. About 21 students of Plant Virology had laboratory sessions revolving around Negative Staining of viruses at the EM Unit. The EM Unit contributed to the Research Days of the Mona Campus by providing posters for a booth in the Assembly Hall. Tours and demonstrations, as indicated in Table 2, were conducted at the EM Unit. In addition, an introduction to microscopy was given to ca. 50 Grade IV students from St. Theresa Preparatory School while visiting the Faculty of Pure and Applied Sciences.

Tab. 2: Tours of the EM Unit by various groups.

Tour Group	Location	Number of Persons
Sixth Form Students	Calabar High School	2
Students of Chemistry	Dept. Chemistry, U.W.I., Mona	12
Students of Medical Sciences	Dept. Basic Med. Sci., Mona	3
Students of Microbiology	Dept. Life Sci., Mona	ca. 280
Students of Medical Technology	Northern Caribbean University, currently at the University Hospital UWI, Mona	4
Staff Inductees	UWI, Mona	19
Business executives	ALCOA Minerals, Jamaica Bauxite Institute	8

The research conducted by the staff of the EM Unit, focused among other things on surface morphology of insect eggs and resulted in the publication of 5 peer-reviewed articles. A collaboration on the kinetics of spermatogenesis in reptiles was established with Prof. Kevin Gribbins at Wittenberg University in Springfield (Ohio, USA).

RESEARCH IN PROGRESS

- Gamete structure and development in animals using diverse microscopic techniques

PAPER PRESENTED

K.W. Wolf

- “Jamaika und die ‘University of the West Indies’ aus der Sicht eines dort tätigen deutschen Biologen (Jamaica and the University

of the West Indies seen by a German Biologist) “Institute of Developmental Biology of Animals, Technical University Kaiserslautern (Germany), June 28, 2004

PUBLICATIONS

Refereed

- * “Postdepositional dynamics of eggs of *Podisus sagitta* (Hemiptera: Pentatomidae: Asopinae). A light and scanning electron microscopy study.” **K.W. Wolf**, W. Reid, *Journal of the Entomological Research Society* 6:1-11, 2004.
- * “Mophology and surface structure of eggs of *Maccevethus lutheri* WAGNER (Heteroptera: Rhopalidae): a scanning electron microscopy study.” **S. Candan**, Z. Suludere, K.W. Wolf, *Polish Journal of Entomology* 73:25-32, 2004.
- * “Biological acitivities of an extract from *Cleome viscosa* L. (Capparaceae).” **L.A.D. Williams**, E. Vasques, W. Reid, R. Porter, W. Kraus, *Naturwissenschaften* 90:468-472, 2003.
- * “The wart-like chorion of *Edessa bifida* (Hemiptera: Pentatomidae).” **K.W. Wolf**, W. Reid, *Journal of Submicroscopic Cytology and Pathology* 35:469-473, 2003.
- * “Notes on the harpactorine genus *Sinea* (Hemiptera: Reduviidae).” **C. W. Schaefer**, K. W. Wolf, *Journal of the New York Entomological Society* 111: 228-235, 2003.

Non-Refereed)

- * “The Electron Microscopy Unit of the Mona Campus: Summary of Services and Research.” **K. W. Wolf**, W. Reid, Science, Technology and Innovation. A Publication Celebrating Research Day, University of the West Indies, Mona Campus, Jan. 29-30, 2004. Ed. I. A Kahwa, pp. 101-103.
- * “Peeney-Walley, the money-maker.” **K. W. Wolf**, Faculty of Pure and Applied Sciences Newsletter, Vol. 15(1), 2004

(<http://www.mona.uwi.edu/fpas/newsletters/current/08.htm>
).

PUBLIC SERVICE

- Dr. Wolf has served as an ad-hoc referee for the “Annals of the American Entomological Society”

INSTITUTE OF CARIBBEAN STUDIES



Joseph Pereira, BA, DipEd UWI, MA
Queens – Director

Reflecting the growth of activities of the ICS, administrative support was for the first time extended to allow for the office to be open for the full normal working day.

TEACHING: **Cultural Studies**

The Cultural Studies programme continues to develop as the main activity of the Institute. In addition to the thirty two postgraduates previously registered, eleven new students entered the Cultural Studies graduate programme. Two Departmental Awards were made: to Andrea Todd assigned to Reggae Studies, and to Jalani Niaah, assigned to Cultural Studies. Supervision continues to rely on staff expertise and willingness across the campus, mainly in Humanities & Education, Social Sciences and the Philip Sherlock Centre. Towards the end of the academic year, several of our PhD candidates were actually in the final stages of preparation for their thesis submission. The bulk of ICS research was produced by our PhD candidates, some of whom presented papers at conferences in India, Finland and Ghana among other places. Some of this work has been translated into published articles.

The four undergraduate courses continued to grow in terms of student registration numbers. One of the courses, The Culture of Rastafari, was offered in the Summer School. The Institute introduced a **Minor in Cultural Studies** at the Undergraduate level. This was done in collaboration with several Departments notably History, Government, Gender and Development Studies as well as the Department of Sociology, Psychology and Social Work. The Minor included courses on Gender Studies, Caribbean Culture and Theory, Dancehall, Religion, Music and Film.

The next step in our undergraduate program is to solidify our Minor by offering more courses, as well as drafting and implementing a Major in Cultural Studies.

Efforts were coordinated through the Office of Research to develop the regional Cultural Studies programme, bearing in mind that it is one of the eight strategic areas identified for Graduate Studies and Research. The aim is to develop a regional core taught MA in the discipline, with on-line access. Funding continues to be sought for the various modular projects developed under the regional umbrella.

FD11A: Caribbean Civilization.

This compulsory Foundation Course continued to be offered through the ICS by Mr. Cecil Gutzmore, in Semesters 1 and 2 as well as in Summer.

Amharic.

A non-degree Beginner's course in Amharic was offered for the first time, with an initial registration of twelve, and will continue at an intermediate level as well.

PUBLIC LECTURES AND VISITS

The Fifth Annual **Walter Rodney Lecture** was held in Craig Town in South St. Andrew on October 18, 2003. This was the first time that the lecture was being held in an "inner-city" community. The lecture entitled "Neo-colonial Leadership Today: A Return to the Insights of Walter Rodney and Frantz Fanon" was delivered by Mr. Cecil Gutzmore.

The Institute continued to benefit from a regional **Ford Foundation Grant**, part of which was for **Visiting Writers/Distinguished Lecturers**, with the following six visits over the year:

In November, the best-selling Jamaican author, **Colin Channer**, visited. The week of activities started off with a public lecture by Mr. Channer entitled, "*The Most Important Thing You Need to Know About Writing Novels, Plays or Movies From a Guy Who Should Know*". The following evening, Channer gave a public reading of his work.

- In January, the Institute hosted Barbadian novelist and thinker, **George Lamming**, during the week of January 11, 2004. The activities associated with that visit included a meeting with

postgraduate students in Cultural Studies and in Literature, a Public Lecture at the Undercroft delivered by Mr. Lamming, as well as an informal meeting between Mr. Lamming and UWI students hosted by Mary Seacole Hall.

- A public lecture was given by Cuban playwright, **Sr. Gerardo Fulleda**, entitled “*El Rito como fuente del Teatro Contemporaneo* (Ritual as a Source of Contemporary Theatre),” on Tuesday March 2, 2004, as part of his visit, the major feature of which was discussions with the students of Spanish who were studying his prize-winning play, *Chago de Guisa*. He also met with students at The Edna Manley College and Exed.
- Famed Trinidadian writer, **Earl Lovelace**, was the Writer-In-Residence at UWI, Mona, from March 21 to 24, 2004. Among the activities was a public lecture delivered by Mr. Lovelace on Monday, March 22 at the Undercroft, UWI.
- Also in March we hosted Grenadian writer, **Merle Collins**, as part of a Writer In Residence programme. This was done in collaboration with The Department of Literatures in English. She also delivered a Public Lecture on Thursday, March 18.
- **Lennox Honychurch**, noted Dominican cultural anthropologist and historian, was the Visiting Distinguished Lecturer at UWI, Mona, March 29 to 31, 2004. His lecture entitled “*Re-inventing Ourselves: Caribbean Nationalism and the Creation of Heritage*”, was delivered on Tuesday, March 30.

Honorary Fellow

- The Institute continued to benefit from the presence of Mortimo Planno, Rastafari elder, as Honorary Fellow in residence, providing a rich research resource to undergraduates and postgraduates alike. Efforts are being made to arrange for publication of some of the works by and on him.

Culture Inna De Courtyard

This event continued to grow in popularity since its inception in the 2001-2002 academic year. Students and Staff alike attend the events held usually on the third Thursday monthly in each Semester. The venue was the

Faculty of Humanities and Education courtyard. It featured events in songs, dance, music and the visual arts, and presenters included furniture creator Gilbert Nicely, performing group AY Crew, and dancer L'Antoinette Stines.

DEVELOPMENT PLANS

The University's strategic emphasis on Cultural Studies will continue to provide a focus for the ICS for the near future. This will include planning for the next Mona conference on Caribbean Culture. In addition, in furthering its Strategic Plan, the Faculty identified a programme in Caribbean Studies aimed primarily at the Caribbean Diaspora as a project for the advancement of the campus as a centre for studying the region. This will be fleshed out in the coming period.

Note: The International Reggae Studies Unit, which forms part of the ICS, will report separately.

INTERNATIONAL CENTRE FOR ENVIRONMENTAL AND NUCLEAR SCIENCES (ICENS)

Professor the Hon. Gerald C. Lalor, OJ, CD, MSc (*Lond-UCWT*),
PhD (*Lond*) – Director General

WORK OF THE DEPARTMENT

The base programme of ICENS remains the determination of background elemental concentrations in numerous matrices: rocks, air, soils, water, plants, food and human tissues; to support multidisciplinary programmes now mainly concerned with the relationships between soil, the food chain, and human health. Therefore, the analytical capabilities of ICENS are continually being improved to allow more elements to be determined and at ever lower concentrations.

Tens of thousands of geographically referenced data points have been added to the databases and these are available for many purposes. The most striking results to date have been the natural and anthropogenic occurrences of heavy metals in soils and soil/plant interactions. These have led to increasing collaboration with the Ministry of Agriculture, with whom data and interpretations are being exchanged, and to a growing emphasis on the elemental constituents of the food chain and of human tissues. The Faculty of Medical Sciences at Mona is collaborating with ICENS in studies including: lead poisoning, many cases of which have been detected and treated; and possible effects of cadmium intake on the high incidence of diabetes, prostate cancer and especially renal disease in Jamaica. Local and overseas collaborations are key aspects of the research strategy and we look forward to increased collaborations in the near future. Jamaica presents an almost unique opportunity for some studies on trace elements.

The wide variety of approaches is exemplified by the publications list below and, because of small staff numbers, the range of projects has been

restricted to add urgency to the completion of two important ones. Aggressive fund raising is in progress to further support this work.

RESEARCH IN PROGRESS

The two main projects during the reporting period have been:

Elemental Content of Soil and Food

A full range of local foodstuffs, fruits, root crops and vegetables is being examined to determine soil to food transfers of heavy metals and the effects these may have on farm economics and on health. Over 1,000 food and accompanying soil samples, collected from small farms island-wide have been examined for 37 elements and interpretations have begun. Special emphasis is being placed on yams which are a local staple and a major export crop. Such data combined with diet studies in progress allow assessments of socio-economic and health concerns. The work is attracting much attention and provides a unique opportunity for understanding the effects of some heavy metals on humans. Aspects of this work are being supported by the Environmental Foundation of Jamaica.

Blood Lead Levels in Jamaican Children

The island-wide blood lead screening of basic school children is nearing completion. To date 892 children in 26 basic schools have been examined. In general the blood lead levels have been satisfactory, but 15 children so far have had to receive urgent medical attention. Numerous others required environmental interventions, which included isolation of the lead sources, education for parents, teachers and children, and remediation programmes. These efforts have reduced blood lead levels significantly. There have been many seminar presentations, including one to the 49th Bi-Annual Nurse Practitioners Conference, workshops and individual and small group meetings.

The Environmental Foundation of Jamaica funds this programme and there has been noteworthy collaboration with the Ministry of Health, UWI Pediatric Unit, Tropical Battery Co., the National Solid Waste Management Authority, and the National Environment and Planning Agency. Its acceptance by the communities has been remarkable.

STUDENTS AND INTERNS

A shortage of funds has forced a reduction of ICENS' support for graduate and undergraduate programmes. The normal summer programme was therefore restricted to the placement for four weeks in our laboratories, of Mr. Keeble Rose, a Chemistry teacher at St. George's College, under the Scientific Research Council's Summer Attachment Programme for Science Teachers.

Ms. Kameaka Duncan, a graduate in Medical Technology from the University of Technology, who has worked in ICENS for two years under the Centre's Outstanding Student Summer Employment Programme was awarded an internship under the Centre's Internship Programme, for a one year period.

OTHER ACTIVITIES

20th Anniversary

The Centre celebrated its 20th anniversary, at a ceremony on June 23, 2004 chaired by Professor Barrington Chevannes, Dean of the Faculty of Social Sciences. The Hon. Philip Paulwell, Minister of Commerce, Science & Technology gave the main address on behalf of the Prime Minister, who is Chairman of the Board of Governors. Additional activities to mark the anniversary included a milestone report "The First Twenty Years" which will be widely circulated and an Open Day.

IDRC Workshop

A workshop on *Heavy Metals and Foods, Nutrition & Health*, **funded** by the IDRC, was hosted by the Centre on 24-26 November, 2003 at the Mandeville Hotel in Manchester. This workshop brought together 40 participants from the university, government ministries, farmers and other stakeholders from the community to discuss and devise a proposal to the IDRC for funding of a project to examine the relationship between eco-health and cadmium exposure in central Jamaica. Four members of staff of ICENS made presentations. The proposal has since been submitted to the IDRC.

Staff Training

The following staff members received overseas training during the past year. All were sponsored by the International Atomic Energy Agency (IAEA).

Ms. Leslie Hoo-Fung, Scientific Officer, visited Direct Laboratories, Wolverhampton, UK during November 10 – 14, 2003. Her training covered analysis of foods for trace elements and toxic metals using atomic absorption spectrometry; laboratory management; sample and data tracking; and quality management.

Ms. Andrea Howe, Scientific Officer, is on a 10 month International Atomic Energy Agency traineeship in Vienna, Austria provided by Safeguards Traineeship Programme. The programme commenced on February 11, 2004.

Ms. Stacey-Anne Moses, Scientific Officer, visited the IAEA Seibersdorf Laboratory during May 10 – 21, 2004, for training on *Procedures and Practices for Long Term Storage and Preparation of Geological and Food Sample*. This included soil and plant sample preparation, physical storage structures, cataloguing, databases, and other related matters.

SEMINARS AND CONFERENCES ATTENDED

Mrs. Joan Thomas, Radiation Safety Officer, attended the final meeting of the International Atomic Energy Agency Regional Inter-comparison Project RLA/9/04 on External Dosimetry, which was held in Montevideo, Uruguay, during the period June 7-11, 2004. Other countries participating in the project were Bolivia, Brazil, Chile, Colombia, Cuba, El Salvador, Guatemala, Nicaragua, Panama, Paraguay, Peru, Dominican Republic, Uruguay and Venezuela.

Mr. John Preston, Senior Engineer, attended the 25th Reduced Enrichment for Research and Test Reactors (RERTR) conference in Chicago in October 2003 at the invitation of the International Atomic Energy Agency. The conference discussed issues related to reducing the use of high enrichment nuclear reactor fuels and the various international fuel return programmes available. This matter is assuming some significance as a low enrichment core for the UWI SLOWPOKE is now being sought.

FELLOWSHIPS AND VISITING CONSULTANTS

Dr. Marc Van Miervenne, University of Ghent in the Netherlands, an expert in geo-statistical analysis visited the Centre for two weeks in September 2003.

Dr. Toyin Arowolo, a Reader from the University of Agriculture in Abeokuta, Nigeria, completed a second three-month period (November 2003 – January 2004) at the Centre.

Dr. Edna Yokoo of the Federal University of Mato Grosso, Brazil visited in May 2004.

Mr. Andrea Antonello a hydrologist from the Department of Civil and Environmental Engineering (CUDAM) of the University of Trento, Italy, visited for three weeks in July 2004.

Funds provided by the Caribbean Development Bank allowed for visits as follows:

Dr. Robert Garrett, an Applied Geochemist of the Mineral Resources Division, Geological Survey of Canada, June 2004.

Prof. Jerome Nriagu of the University of Michigan, Department of Public Health Environmental Health Sciences, Ann Harbor, Michigan, April 2004.

Dr. Mike McLaughlin the Research Director of the Environmental Contamination Directorate within the Australian Commonwealth Scientific and Industrial Research Organisation (CSIRO) Land and Water, April 2004.

Dr. Cynthia Grant, Agricultural Scientist at Brandon Research Centre, Canada, December 2003.

These persons all contributed to aspects of the recent programmes and made public seminar presentations.

NEW EQUIPMENT

The IAEA has provided a new state of the art ORTEC Model ASC2 Automatic Sample Changer and digital gamma ray spectroscopy system worth US\$130,000. This will enable automated measurement of irradiated samples during Neutron Activation Analysis and thus greatly increase the sample throughput.

PUBLICATIONS

- * “Multivariate relationships and spatial distribution of geochemical features of soils in Jamaica”. Chaosheng Zhang and Gerald Lalor, *Chemical Speciation and Bioavailability*, 2003. 14, 57- 64.
- * “Cadmium and zinc adsorption maxima of geochemically anomalous soils (Oxisols) in Jamaica” B.E. Davies; J. Vaughan; G.C. Lalor; & M. Vutchkov, *Chemical Speciation and Bioavailability*, 2003. 15, 59-66
- * “Trace Elements in Jamaican Tobacco”, C.N. Grant, G.C. Lalor, M.K. Vutchkov, *West Indian Medical Journal*, 2004. 53 (2) 66-70.
- * “Blood Lead Levels in Children in Jamaican Basic Schools” S. Bryan; G.C. Lalor and M. Vutchkov, *West Indian Medical Journal*, 2004. 53 (2) 71-75.
- * “Cadmium Levels in Kidney and Liver of Jamaicans at Autopsy”. Gerald Lalor; Robin Rattray; Nadia Williams; and Paul Wright. *West Indian Medical Journal*, 2004, 53 (2): 76-80.
- * “The Fe/Na ratio, a framework for modelling trace element distributions in Jamaican soils”, Robert G. Garrett and Gerald C. Lalor, *Geochemistry: Exploration, Environment, Analysis*, 2004. Vol. 4, 1-11
- * “Geochemical exploration for gold in Jamaica: a comparison of stream sediment and soil surveys”, Robert G. Garrett, Gerald C. Lalor and Mitko K. Vutchkov, *Geochemistry: Exploration, Environment, Analysis*, 2004, 4, 161–170.

PUBLIC SERVICE

Professor Gerald Lalor

- Director, Gleaner Company;
- Director, Insurance Company of the West Indies Group
- Member, Board of Governors of the ICWI Group Foundation
- Member, Third World Academy of Sciences (TWAS);

- Member, Commission on Science and Technology for Sustainable Development in the South (COMSATS);
- Member, National Commission for Science and Technology (NCST); Technical Committee of the Scientific Research Council.
- Member, Editorial Boards: Environmental Geochemistry & Health;
- Member, Jamaica Journal of Science & Technology;
- Member, The Science of the Total Environment;
- Member, Revista Latino-Americano Quimica.

Dr. Robin Rattray

- Member, Air and Water Quality Subcommittees, National Environment and Planning Agency
- Recording Secretary, Laboratories Association of Jamaica
- Member, Lions Club of Mona

Dr. Mitko Vutchkov

- Member, Product Research & Development Committee, Scientific Research Council.

Dr. Gladstone Taylor

- Member: Executive Council, Inter-American Institute for Global Change Research.

Mr. John Preston

- Member, Land Information Council of Jamaica
- Telecommunications Appeals Tribunal.

Mrs. Joan Thomas

- Member, Radiation Protection Advisory Committee of Jamaica.
- Member, Inner Wheel Club of Kingston.

MONA SCHOOL OF BUSINESS

Professor Gordon Shirley, BSc *UWI*, MBA, DBA *Harv*
– Executive Director



The academic year 2003/4 was another successful year for the School which saw an expansion in (a) student enrolment (b) academic programme offerings, (c) activities to promote entrepreneurship, (d) out-reach activities to the Business and Policy communities and (e) research.

During the year, student enrolment increased by 11%. Much of this increase occurred in our part time programs, consistent with a now well publicized trend across the University as a whole. To better serve the needs of persons interested in part time study and who are unable to attend classes during the week, the School introduced a new stream of its MBA programme offered on Sundays. Over thirty students are currently enrolled in this programme.

In an effort to serve as a catalyst for entrepreneurial activity which it considers to be essential for a vibrant market economy, the School expanded its work in the Vincent HoSang Programme, the UWI Venture competition and the Entrepreneurial Executive Lecture Series. Three groups of students were provided with assistance in starting new ventures under the Vincent HoSang Programme. For the third year in a row, the winner of the UWI Venture Competition which is hosted by the School has represented the University at an International Venture Competition in Atlanta where they competed with teams from eighteen other Universities and for the second straight year, they placed third among the field of leading institutions. The Entrepreneurial Executive Lecture series, introduced by our Executive-in-Residence continued, bringing students into direct contact with some of Jamaica's leading and most successful entrepreneurs and playing an integral and highly valued role in the academic experience at the School.

During the year, the School continued its programme of Symposia and Conferences targeted at the Business and Policy Communities. Among

the initiatives in this regard were the First Jamaica Diaspora Symposium in October which was co-hosted with the Ministry of Foreign Affairs and Foreign Trade and the Second Caribbean Dispute Resolution Conference which was hosted in collaboration with the Dispute Resolution Foundation. The School also joined with the Jamaica Employers' Federation in their innovation of the Employer of Choice Competition, and collaborated with the Gleaner Company in producing the Gilt Edge Publication ranking the best companies in the Island and region.

The School continued to host management development programmes for a number of leading Jamaican and Caribbean Organizations including Grace Kennedy and Company, National Housing Trust and The Trinidad Cement Company Limited. In addition, the School has worked with the Caribbean Association of Industry and Commerce, the Jamaica Conference Board and the Private Sector Organizations on projects intended to strengthen the local and regional business communities.

For the fourth year, the School conducted a survey of the Jamaican Business Community, in association with the Private Sector Organization of Jamaica with the data being used as an input to the Global Competitiveness Report which is one of the most widely recognized mechanisms for assessing the competitiveness of the business climate in over 80 countries across the globe. The School has embarked on a programme of work towards establishing a Competitiveness Center to conduct research in and to provide service to the firms of the country and the region.

During the year, the Labour Studies Programme which is housed in the School completed two important policy documents – “Labour and Employment Relations in the New Caribbean Economy” and “Social Protection: Policy Guidelines and Recommendations for the New Caribbean Economy”. Both received wide circulation among Government Ministries, trade unions and employers in Jamaica and the CARICOM region.

The Research and Policy Group in the School, hosted a number of Conferences and Symposia focusing on areas of significance to the public and private sectors. Among the themes covered in the year were “Managing Organizational Change in the Global Environment”, “Challenges and Response to Ageing in the Caribbean” and Coverage of Crime and Violence in the Jamaican Media”.

These and other activities of the School are documented more comprehensively in the ensuing report.

This report would not be complete without our expression of deep loss and sorrow at the untimely passing of two members of the MSB family during the review period. In November 2003 we, and the entire Mona Campus were jolted by the passing, after a brief illness, of the dedicated and spirited Lamour Wills who had served the University and the Mona School of Business (Labour Studies Unit) in various capacities. Still in recovery from this, we were dealt a second blow in August 2004 when the news came that Gordon Draper, RPG Fellow and Faculty member had succumbed to a sudden illness while returning home via London after a consulting assignment in South Africa.

We record our indebtedness to both these stalwarts who made their own unique marks on all who encountered them here at the School. We salute the staff for its resilience and continued dedication as they continued to meet the needs of the School.

The School is grateful for the guidance and support which we received from the Chairman and Board of Directors in our effort to fulfill our mandate as an important outreach arm of the University and to the Business and Policy Communities.

ACADEMIC PROGRAMMES

The Programmes of the Mona School of Business (MSB) have established a reputation for rigour in their selection procedures, programme delivery and evaluation.

The Academic year 2003-2004 saw the School expanding its programmes to include the *new Sunday offering of the MBA*. This was in response to the growing demand of persons who could not fit comfortably into the regular weekly schedule.

The Mona School of Business has always prided itself on the rigour of our selection procedure which is a significant element in our ability to achieve the standards to which we aspire. At the same time we were concerned for some time about having to turn away applicants who failed to meet our matriculation standards, without being able to provide an acceptable means of addressing the problem. We recognized that absolute reliance on performance at the under-graduate level or in other spheres as a predictor of success at the graduate level has its disadvantages.

In the year 2000, the School tackled this problem by successfully piloting the Diploma in Business Administration. Students are required to complete all courses offered in the Diploma Programme such as Computing and Communication Skills, Foundations of Managerial Theory and Managerial Economics, Analytical Tools for Decision-Making Finance and Managerial Accounting. Successful completion with approved averages is a pre-requisite for an application to the MBA programme. In the year under review, the number of students enrolled in the Diploma exceeded previous years and it continues to be an effective feeder into the graduate programmes.

The underlying philosophy of all our Programmes is anchored in the themes of *Globalisation, Leadership and Technology*. These themes are reflected in the programme content, methodology and special student development activities including seminars.

Enrolment

Enrolment numbers for the new academic year 2003/04 are indicated in the table below:

Programme	Enrolment 2002/03	Enrolment 2003/04
EMBA	23	19
EMBA- MIS	17	9
MBA F/T	32	25
MBA P/T	58	74
Diploma- Business Administration	32	53

MBA Programme

The MBA programme is highly acclaimed for its content and quality, and has a functional orientation which enables students to cover core courses and to specialize in a Concentration of their choice. The Concentrations constitute a special feature of the MSB-MBA, offering the opportunity for extensive exposure to four areas within the selected discipline. Concentrations in the functional areas are:

Banking & Finance, Marketing Management, International Business, Human Resource Management, Public Sector

Management, Management Information Systems, General Management.

The Graduating Class of 2003 chose the Concentrations illustrated in the pie chart 1.

Pie Chart 1

The EMBA Programme

The EMBA curriculum is structured to provide incremental exposure to foundation and advanced courses in addition to electives. The Electives provide students with

the
opportunity to pursue an area of specialization chosen from the following

Advanced Finance, Human Resource Management, Marketing,
International Business, Management of Technology, MIS.

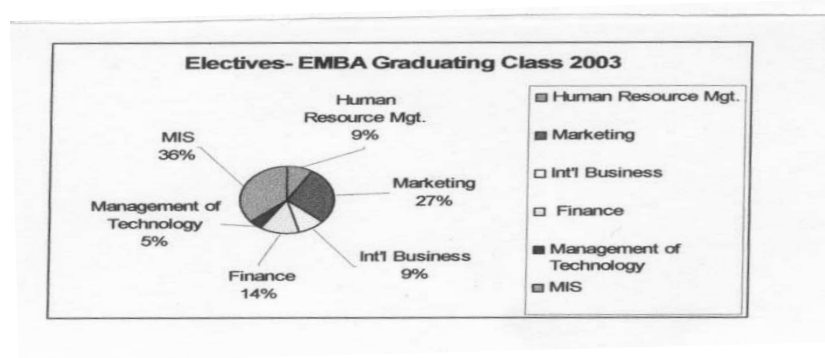
The EMBA Graduating Class of 2003 chose the Electives illustrated in the pie chart 2.

Pie chart 2

The MSB Seminar Series

All students pursuing MSB graduate programmes are required to participate in a seminar series which is designed to expose them to

exemplary research. Seminars facilitate exploration of socio-cultural issues which affect managerial conduct and



decision-making in the private and public sectors.

The seminar series is intended to:

- develop leaders that understand the social context of business
- encourage creative thinking about the economic development process
- stimulate intellectual curiosity
- engage students in public interest debates
- explore avant-garde topics

Students explore topical subjects through interaction with local and visiting scholars who have conducted research in relevant areas.

This year there were two seminars which focused on:

- The Agenda setting Function of the Mass Media
- The Social & Personal Value of Philosophy

MSB Graduates for 2003

Ninety-nine (99) students were presented for UWI's Graduation Ceremony on November 8, 2003. The composition of the graduating class of students was as follows:

Programme	No. of Graduating Students	No. with Distinction
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Executive MBA	19	-
MBA – Finance & Banking	25	4
MBA - General Management	13	-
MBA – Human Resource Mgt. 12		-
MBA – International Business 12		-
MBA - Marketing	12	2
MBA – Public Sector Management	<u>6</u>	-
Total	99	

MSB Awards Ceremony

The School had its Annual Awards Ceremony and Graduation Exercise for the third graduating Cohort of the Diploma in Business Administration on November 27, 2003. This function also saw the presentation of special awards to outstanding graduates of the EMBA and MBA Class of 2003 as well as specially admitted students (students who did Summer Electives).

Thirty (30) Diploma in Business Administration students were presented for graduation. New Awards introduced this year included the Principal's Award for Outstanding Leadership and the Executive Director's Award for Academic Excellence. Awards were also presented for outstanding performance in each field of concentration, for outstanding performance in each of the areas of emphasis in the School's academic curricula (Global Business, Leadership, Technology Management) and for the best research and new venture projects. A special award was also presented to the team of students who distinguished themselves at an international Venture Competition in April.

The recipients of the Principal's Award for Outstanding Leadership were Faye East, EMBA Cohort 13; Leroy Peart, MBA part-time, Cohort 5 and Claire Grant, MBA full-time Cohort 5. Forna Young, MBA full-time Cohort 5 was the recipient of the Executive Director's Award for Most outstanding Student. The Guest Speaker at the Awards ceremony was an alumnus of the School, Mrs. Angela Patterson, Executive, Group Corporate Communications at Jamaica National Building Society.

External Examiners' Meeting

Professor Chris Ross, the External Examiner, who has only recently demitted office as Dean of the School of Business at Concordia University, Montreal, Canada, delivered his sixth and final Report on the programme.

Using the opportunity to reflect on the changes he had experienced over his period of service, he indicated that there was improvement in the quality of the course outlines, course work, standards of evaluation, required reading and in the level of detail provided in the grading schemes used by internal examiners. “It is clear that the Mona School of Business is delivering a programme and not just courses. The programme is fundamentally sound and is comparable to most EMBA programmes offered in North America.”

ENTREPRENEURIAL DEVELOPMENT ACTIVITIES

Executive-in-Residence – Lecture Series

The Executive-in-Residence, Mr James Moss-Solomon started the Executive Lecture Series in 2002. Since then faculty and students of the University have had the pleasure of listening to leading entrepreneurs in Jamaica. The noteworthy list to date includes: *Hon Lascelles Chin, OJ, CD, Mrs Donna Duncan Scott, Mr Michael Lee-Chin, Hon Dr Gordon “Butch” Stewart, OJ, CD, LLD and Mrs Jennifer Samuda, OD and Dr Marshall Hall, Group Managing Director, Jamaica Producers Group.*

Entrepreneur-in-Residence – Business Development

Our Entrepreneur-in-Residence is The Honourable Karl Hendrickson, OJ, CD. Under Mr Hendrickson’s leadership, a project has been developed in the agricultural sector in which it is proposed that small farmers be organized in such a way as to make them more efficient in what they produce.

At present there is an experimental group consisting of a large supermarket chain, a large importer/distributor of fresh produce, a packer of domestic produce for export and a large farm. The aim of this venture is to have structured operating businesses come together to see if some order could be instilled in the fresh produce trade where volumes are known ahead of time, imports can be controlled and farmers organized to give the services required at improved costs and efficiencies.

OTHER MSB PROGRAMMES

Vincent HoSang Entrepreneurship Programme – “Students to Entrepreneurs”

The Vincent HoSang Entrepreneurship Programme was established in November 2002. There are eight projects that would be further developed under the programme.

Mentors were assigned to each project group and a series of lectures was designed to assist the stakeholders with the tools to develop their projects to a viable stage. Of the eight selected projects, only three survived the rigours of the initial project cycle. These will be presented at a later date to potential Investors from the private sector to test the viability of these projects.

UWI - OFC Venture Challenge Competition

For this academic year the preparation for the Opportunity Funding Corporation (OFC) Venture Challenge Competition started in August 2003 and attracted fourteen (14) entries. This competition is designed to select the best entrepreneurial business projects by final year students on the Mona Campus. Four projects were selected to go to the final round of the competition which was held in December 2003. From this presentation the project *Transtrek* emerged the winner and earned the right to represent the UWI at the 4th Annual Opportunity Funding Corporation Venture Challenge Business Plan Competition hosted by Clark Atlanta University. This is a prestigious competition for MBA students from historically Black Colleges and Universities in the United States which was held in April 2004.

The Transtrek team placed third, the same placement as the previous year. The team of students consisted of : Steve Whyte, Chief Executive Officer & Chief Information Officer, Jackie Leckie-Johnson, Financial Advisor, Stacey Wong, and Beverly Johnson.

The **TransTrek Limited** team presented a technologically innovative project designed for commuters to access information on the location of public transportation (e.g. a bus) by using a cellular telephone and a few simple dialing instructions.

ALUMNI AFFAIRS

The MSB , in association with its Alumni Association, hosted one day Seminar on “*Negotiating Skills and Strategies to Manage Global Competitiveness*” on October 10, 2003. The main presenter was Professor Gregg Northcraft, the Harry J. Gray Professor of Executive Leadership at the

University of Illinois. The seminar also featured a mock negotiation session staged by the Regional Negotiating Machinery headed by Ambassador the Honourable Richard Bernal, OJ.

In observance of Alumni Week 16-21 February, 2004, the School, in association with its Alumni Association hosted another symposium on the theme “*Trade and Investment in the CSME: Integration vs Protectionism – Opportunities and Challenges*” on February 18, 2004 at the Alister McIntyre Building. The main speakers at the symposium were Mr. Rollin Bertrand, CEO Trinidad Cement Company, The Honourable Karl Hendrickson, Chairman of the National Continental Group of Companies and Entrepreneur-in-Residence at the MSB and Mr. James Moss-Solomon, Private Sector Representative on the Regional Negotiating Machinery and Executive-in-Residence at the MSB.

LABOUR STUDIES PROGRAMME

The Labour Studies Programme is related to the Chair for Labour Studies sponsored by three private sector companies: Kaiser Jamaica Operations, Shipping Association of Jamaica, and Cable and Wireless Jamaica Ltd.

The activities of the Labour Studies Unit for the period 2003 - 2004 focused on education and training; research and publications and institutional development.

Although the Programme is located on the Mona Campus, it maximizes the value of the regional nature of the University by making appropriate linkages with the Cave Hill and the St Augustine Campus.

Details of the major activities are set out in the sections which follow.

Education and Training

Curriculum Development

The new BSc Degree in Labour and Employment Relations was developed as a multi-disciplinary programme which will prepare candidates to function effectively in the field of Labour and Employment Relations. This programme was developed in association with Dr Noel Cowell, Department of Management Studies and has now been devolved to the Department of Sociology, Psychology and Social Work for implementation. The programme is being publicized by the Admissions Section of the University.

The development of a new Bachelors and Masters Degree programme for Occupational and Environmental Health and Safety was initiated by the Department of Chemistry as part of a cross faculty project. The project management team members were Professor Ishen Kahwah, Faculty of Pure and Applied Sciences, Mr. Milton Pinnock, Faculty of Medical Sciences and Professor Neville Ying, MSB, Faculty of Social Sciences.

The Unit also began to integrate into the programme offerings of MSB as well as incorporate into some of the consultancy assignments, Labour Studies issues such as:

Occupational Health and Safety, HIV / AIDS, Alternative Disputes Resolution, Core Labour Standards, Decent Work, Corporate Social Responsibility, Socially Sensitive Enterprise Restructuring (SSER).

The programme offerings on which this integration focused at the MSB included Public Sector Management; International Human Resource Management; Transformational Leadership; Team Building; and Behavioural Science for Managers.

Certificate in Labour Studies

The Unit provided technical assistance for the development of the new Certificate in Labour Studies which is being spearheaded by the Trade Union Education Institute for offering in 2005. This programme will articulate with the new BSc programme in Labour and Employment Relations.

New MPhil / PhD Programme

Preliminary research was conducted to determine the courses that could be offered in a new MPhil / PhD programme in Labour Studies.

Research and Development

Productivity and Competitiveness Research Project

The preliminary research was completed for a case study on Productivity at a manufacturing company. The preliminary paper on the new Initiative Project on Productivity was also completed.

Caribbean Research Database

Papers from the Symposium on Social Protection held in 2002 and the First Caribbean Labour Policy Conference (CLPC) held in 2003 have been submitted for inclusion in the Caribbean database, that will be on the website of the Mona School of Business.

Changing Roles of the Ministry of Labour

This is a case study on the Ministry of Labour in Jamaica. An initial draft of the case has been completed and is being reviewed and further fieldwork is planned for the next academic year to complete this case. The Team working on this case included the late Mr Gordon Draper, Professor Neville Ying and Professor Richard Phidd, visiting Professor from the University of Guelph, Canada.

Institutional Development – Strategic Alliances

The Unit continued the process of building strategic alliances with the International agencies such as the International Labour Organization (ILO) and the United Nations (UN); Educational institutions such as Centre for Industrial Relations, University of Toronto and Guelph University; Regional institutions such as the Caribbean Congress of Labour (CCL) and Caribbean Employers' Confederation (CEC); and local institutions such as the Ministry of Labour and Social Security (MOLS), Jamaica Confederation of Trade Unions (JCTU) and the Jamaica Employers' Federation (JEF).

CONSULTANCY UNIT

Consultancy & In-House Training

Throughout the year the Consultancy Unit of the School continued to conduct a number of Programmes through Consultancies with several leading private sector local companies and conglomerates within the Caribbean. These include National Housing Trust, CARIMED, H.D. Hopwood, Trinidad Cement Limited Group, and Grace Kennedy.

A number of Executive Development and Supervisory Management Training Programmes were designed and delivered for Board Members, Executive Management, Senior and Middle Management and Supervisory Staff of companies in the public and private sectors. These programmes focused on Strategic Thinking, Management Development, Leadership and Team Building.

The MSB was also involved in other special consultancy activities :

Jamaica Employers' Federation (JEF) Employer of Choice Award:

The MSB worked in collaboration with the Jamaica Employers Federation (JEF) on a research project which sought to identify by factors to determine the *Employer of Choice* from among JEF's membership.

Vocational Training Development Institute: Leadership Development

The MSB provided technical assistance and coaching for the Development of the Coordinator for the HEART/NTA – Leadership Development Programme.

Needs Assessment – Mona Campus

A special Needs Assessment study was done for the Mona Campus. The main activities were :

- Conducting the Phase 1 Survey and the preparation and presentation of reports which included “*Summary of Responses to Inventory of Current Offerings*” and “*Report on Training Needs Assessment Survey*”.
- Conducting a workshop on **Project Proposal Writing** for Deans, Heads of Departments and Faculty on December 3, 2004.

Sponsored Research Projects / Surveys

Executive Opinion Survey

The School joined with the Private Sector Organization of Jamaica in conducting the annual Executive Opinion Survey of eighty of Jamaica's leading firms from the major sectors of the economy. The study which is widely seen as the world's leading cross-country comparison of issues relating to economic competitiveness and growth is conducted in association with Harvard University and the World Economic Forum (WEF).

Guilt Edge Publication

The School in conjunction with the Financial Gleaner published the FIRST GiltEdge Publication which ranks companies listed on the Jamaica Stock Exchange according to certain measures of their performance. The publication received a favourable response from the business community and as such this has become an annual publication.

RESEARCH & POLICY GROUP (RPG)

The Research and Policy Group, a joint initiative of Sir Arthur Lewis Institute for Social and Economic Research (SALISES) and Mona School of Business (MSB), was officially launched in September 2002 and named in honour of Sir Alister McIntyre.

The Alister McIntyre Fellows of the Research and Policy Group have the mandate **“to carry out research and analysis with a view to informing policy choices in key priority areas relevant to the needs of government, the private sector, regional institutions and as appropriate, international organizations”**.

The RPG's focus of operations is **Research** that is **Relevant** and **Responsive**. The current areas of focus of the Group include:

Public Sector Reform	Gordon Draper (now deceased)
Financial Sector Restructuring	Boswell Ivey
Media & Public Policy	Claude Robinson
Tertiary Education Policy	Rheima Holding
Financial Services Sector	Sandra Shirley

An integral and important component of the work of the RPG is the organization of seminars, symposia, conferences and policy proposals

using the research data, as well as teaching assignment. There are two outcomes that will result from these activities, namely academic publications and research policy guidelines.

Financial Sector Restructuring

Alister McIntyre RPG Fellow – Mr Boswell Ivey

During the course of this Academic year the activities included conducting research on the Financial Sector Restructuring in Jamaica. This involved meeting and consulting with key members of the Financial Sector for discussions on the development of this sector. A preliminary report on the findings of this research has been presented to the MSB Board.

Tertiary Education Policy

Senior Alister McIntyre RPG Fellow – Ms Rheima Holding

January saw the beginning of the planning of the 2004 Mona Academic Conference which is directly related to the research work on the National Tertiary Education System for Jamaica being conducted in the unit. This Academic Conference is being co-ordinated in collaboration with the offices of the Principal of the University of the West Indies, Mona campus and the Michael Manley Professor of Public Policy. The theme of this year's conference was *Revisiting Tertiary and Higher Education Policy in Jamaica: Towards Personal Gain or Public Good*.

The Unit was involved in hosting a Public Forum on Challenges and Responses to Ageing in the Caribbean on April 21, 2004 at the Mona Visitors' Lodge and Conference Centre. This forum was held in collaboration with the Faculty of Medical Sciences, UWI.

The forum had over 250 persons in attendance. Mr Claude Robinson, RPG Fellow wrote an article based on the Forum in the Sunday Observer of April 25, 2004.

Special Lecture

The Unit coordinated a Special Lecture on *Economics of Defence in Developing Countries* put on by the MSB in collaboration with the Department of Management Studies, specifically Dr Hilton McDavid, on May 31, 2004. The lecture was presented by Professor Ron Mathew of the Royal Military College of Sciences in the UK.

Media and Public Policy

Alister McIntyre RPG Fellow – Mr Claude Robinson

Conferences/Symposia

Coverage of Crime and Violence in the Jamaican Media, Oct. 25, 2003

This Symposium, which was organized with support from UNESCO Caribbean Office, the Press Association of Jamaica (PAJ), the Media Association of Jamaica and CARIMAC brought together UWI academics, media practitioners and rights advocacy groups.

Outcomes

- An agreement among the RPG, the PAJ and CARIMAC to produce guidelines (in text and video formats) for reporters and editors on coverage of violence. Production will be financed from a training grant of US\$20,000 from UNESCO to the PAJ.
- Development and adoption of a Code of Ethics and Standards of Practice of Journalism; and the creation of a Media Complaints Authority for public redress of complaints against the media.

Caribbean Media Policy in the Information Society, May 2005

Planning for this forthcoming event is currently in progress .

Research

Survey of Mass Media Training Needs in the Caribbean

A Project Agreement has been signed with UNESCO which will contribute US\$5,000 to this project. A research design has been completed and a questionnaire sent out to Media Managers throughout the Region.

Baseline Study on State of Caribbean Media

Design work began in the 4th quarter for a baseline *Caribbean Media Survey* (operational profile, ownership, capitalization, economic base, advertising levels, audience profile, media preference and consumption). The survey

will provide the first comprehensive assessment of the size and characteristics of the media market in Caribbean Community (CARICOM) countries. The data and analysis will be critical for development of media policy, media business, teaching and research.

Financial Services Sector

Alister McIntyre RPG Fellow – Ms Sandra Shirley

Symposium

A Change Management Symposium under the theme *Managing Organizational Change in the Global Environment* was held on March 17, 2004.

The expectation of the Change Management Symposium was that the airing of the theoretical framework of change management and best practice of organizations that have experienced the challenges of organizational change would assist others to manage the change process more effectively. The proceedings will be documented.

Public Sector Reform

Alister McIntyre RPG Fellow – Mr Gordon Draper (deceased)

Throughout the year activities centred around research dealing with Public Sector Reform, designing and implementing various executive programmes for companies and corporations locally and internationally, teaching assignments throughout the 3 campuses as well as other territories with the region, presentations at seminars and conferences and publications.

Research

- **Comparative Public Service Reform and Management:** The first stage of this concluded with a research paper: Public Service Development: Retrospection and Development presented at a Commonwealth conference in Glasgow, Scotland in September 2002.
- **Performance Management and Measurement in Public Services:** This work explores approaches to performance management and measurement in Commonwealth public services. It seeks to identify good practice and outline implications for policy and management. A working paper based on a conference held in Mauritius that examined several country case studies was completed in May 2004.

- **Leadership and Governance:** This work examines approaches to leadership development in public services and the implications for new governance arrangements.
- **Essays on Public Service Development:** This is a collection of essays that SALISES has accepted for publication. The manuscript is currently being edited.
- **Changing Roles of the Ministry of Labour:** This is a case study on the Ministry of Labour in Jamaica.
- **Employer of Choice Research Project:** This is a collaborative project between the MSB and JEF.

MSB Consultancy Projects

Mr Draper was involved along with other MSB faculty in the planning, coordination and delivery of the following major consultancy projects :

- Grace Kennedy Supervisory Management Programme
- HiLo Food Stores Team Building
- National Housing Trust: Management Development
- Training Needs Assessment (UWI/MSB Project)
- Project Development and Design in OECS
- Rapid and Sheffield Team Building
- Trinidad Cement Limited- Management Development

PAPERS PRESENTED

- **Abrikian, H. & Shirley, S** “ Why don’t more companies go Public” Published in the first GiltEdge publication in the Financial Gleaner on November 26, 2003.
- **Chionesu, K.**“ Policy and the Informal Sector” Published in the first Gilt-Edge publication in the Financial Gleaner on November 26, 2003.
- _____, “Statistics and Data Analysis” Presentation to students in Information Studies courses, Department of Library and Information Studies, UWI, Mona.

- **Coke, F.** “ The New Leadership” presented to UWI student participants, UWI Quality Leadership Programme, November 2003.
- _____, “Critical Job-Seeking Skills” presented to students of Rex Nettleford Hall of Residence, December 2003.
- _____, “Becoming an Employer of Choice”, Annual Jamaica Employers’ Federation Convention, Jamaica Grande Hotel, Ocho Rios, Jamaica in May 2004.
- _____, “The Training & Development Challenge”. Article written for the MSB/ Financial Gleaner GiltEdge Publication, October 2003.
- _____, “ Strategies for Managing Organizational Change” presented at a seminar, The Gleaner Company.
- **Draper, G.** “Presented a paper at a Conference on Future of Public Services, Malaysia, October 7-12, 2003
- _____, Policy Forum of Permanent Secretaries of the United Kingdom, October 20-21, 2003.
- **Garvey, M.** “The Clash of Cultures” Annual Jamaica Employers’ Federation Convention, Jamaica Grande Hotel, Ocho Rios, Jamaica, May 2004.
- **Garvey, M.** “Managerial Beliefs and Export Behaviour: A Jamaican Case Study, 7th Annual Conference on International Human Resource Management hosted by the IHRM Conference Secretariat, University of Limerick, Ireland, June 2003.
- **Robinson, C.** “The Future for Public Broadcasting in the Caribbean” 34th General Assembly of the Caribbean Broadcasting Union in Curacao, August 27-29, 2003.
- _____, “ The Future of Public Service Broadcasting in the Caribbean” annual general assembly of the Caribbean Broadcasting Union, July 2003
- _____, “Attitude of Jamaican Media Workers to Coverage of Violence in the Media”, Symposium on Crime and Violence, October 25, 2003.

- _____, “Public Service Broadcasting for Social Inclusion”. World Electronic Media Forum and World Summit on Information Society, Geneva, Switzerland December 2003.
- _____, “Strategies for Survival of Public Service Broadcasting”. Panel discussion at the Caribbean Media Conference, St. Augustine, Trinidad, May 2004.
- **Shirley, G.** “The Future of the Telecommunications Sector – the Role of the Private Sector”. Annual Conference of the Jamaica Computer Society, October 30 – November 1, 2003.
- _____, “Competing in Global Markets – Opportunities and Threats for the Indigenous Banks of the Caribbean”. 30th Annual General Meeting and Conference of the Caribbean Association of Indigenous Banks, November 19, 2003, Half Moon Hotel.
- **Ying, N.** , “Education Training and Examinations: Imperatives and Challenges for the Caribbean Region of the Future”. Caribbean Examination Council’s 30th Anniversary Public Lecture, July 16, 2003.
- _____, “Transformation Change and Leadership: Imperatives for Business in a Global Environment”. Change Management Symposium, Mona School of Business, March 17, 2004 and the ILO/PROMALCO and St Lucia Employers’ Federation CEO Roundtable, July 28, 2004.
- _____, “Free Movement of People and Labor Migration: Implications & Opportunities for the new Caribbean Economy”. 6th Annual Conference on Human Resource Managers of Central Banks of the Caribbean, Bank of Jamaica, Jamaica, August 29, 2003.
- _____, “ Sports as a Vehicle for National Development”. Intercollegiate Sports Awards Ceremony, Alfred Sangster Auditorium, University of Technology, October 24, 2003.
- **Ying, N.** “Organizational Success and Human Resources: Linking Organizational Success and Human Resource Competencies”. Plenary Speaker at the 2003 JATAD Convention, Ocho Rios, Jamaica, November, 22, 2003.

- _____, “Preservation and Protection of the Workforce in the Caribbean Region: the Importance of Lifestyle Management and Occupational Safety and Health”. Annual Awards Ceremony of the Pan American Health Organization (PAHO)/ Caribbean Food & Nutrition Institute (CFNI), December 10, 2003.
- _____, “Socially Sensitive Enterprise Restructuring (SSER) for Employers and Trade Unions”. Facilitated a workshop at the ILO/PROMALCO – SSER Workshop, Tobago, January 15-16, 2004
- _____, “Business Environment Trends: Implications for HRM and Organizational Success”. ILO/PROMALCO Workshop, St. George’s Grenada, January 27-29, 2004.
- _____, “Implications of CSME for Education and Training and Education Officers”. Education Officers Conference in Kingston, Jamaica, February 13, 2004.
- _____, “Capacity Building”. Facilitated workshop at the Edna Manley School of the Visual and Performing Arts, March 20, 2004.
- **Ying, N. & Shirley, Sandra.** “Business Development”. Facilitated workshops on Business Development for staff of the UWI Printery and for vendors on the Mona Campus.

PUBLICATIONS

Professor Neville Ying

- * Labour and Employment Relations Policies for the New Caribbean Economy, March 2004, Labour Studies, Mona School of Business
- * Social Protection: Policy Guidelines and Recommendations for the New Caribbean Economy, March 2004, Labour Studies, Mona School of Business
- * Contact a Land Surveyor – Keynote presentation for the 75th Anniversary Function for the Land Surveyors Association of Jamaica. This was the Article of the Month, January 2004, in the International Federation of Surveyors publication.

Mr. Claude Robinson

- * Weekly newspaper column on media in the Sunday Observer (June 2002 to present)

Mr. Gordon Draper (deceased)

- * Public Service Leadership and Globalization: published as working paper of the Commonwealth Association for Public Administration and Management (CAPAM) July 2003
- * Meeting Future Challenges of Public Services published as a CAPAM working paper January 2004.
- * Public Service Reform: Strategies & Challenges in Commonwealth Public Administration Reform 2004, The Stationary Office, UK, 2003.
- * Capacity Building for Public Service Leadership in Commonwealth Public Service Reform 2004, The Stationary Office, UK, 2003.
- * Implementing Performance Management Systems in Public Services. Published in a CAPAM working paper June 2004.

PUBLIC SERVICE

Mr Harry Abrikian

- Director, Ian Randle Publishers
- Chairman, Stock Analysis Committee, Jamaica Stock Exchange
- United Way Committee

Mr Anthony Barnes

- Port Services
- Jamaica Manufacturers Association
- Organization of National Reconstruction

Mr Gordon Draper

- Advisory Board Management Institute for National Development (MIND), Jamaica

- Director International Development Commonwealth Association for Public Administration and Management
- United Nations Expert Group on Public Service Leadership
- Senior Editorial Board, Journal of Comparative Technology Transfer & Society, University of Colorado.
- Organization of CARIBTRAN 11

Mr James Moss-Solomon

- Chairman, Medigrace Limited
- Chairman, HiLo Food Stores
- President, Jamaica Chamber of Commerce
- Chairman, Board of Governors, Jamaica College
- Vice President, Private Sector Organization of Jamaica
- Vice President, Caribbean Association of Industry & Commerce
- Seprod Limited
- Caribbean Cement Company
- Grace, Kennedy & Company Limited

Mr Claude Robinson

- Michael Manley Foundation
- Broadcasting Commission
- National Steering Committee on Values and Attitudes

Ms Rheima Holding

- United Theological College Council
- Diocesan Education & Youth Board Committee
- Chairman, Visual Arts Committee of the Fine Arts Board of Studies

Ms Sandra Shirley

- Commissioner, Anti-dumping & Subsidiaries Commission
- Chairman, Council of Community Colleges of Jamaica

- Bauxite & Alumina Trading Company Limited
- Jamaica Bauxite Mining Limited
- Allied Insurance Brokers Company Limited
- Trustee, YWCA
- National Dance Theatre Company Management Committee
- First Global Financial Services

Professor Gordon Shirley

- Chairman, National Insurance Fund
- Jamaica Public Service Company Limited (a subsidiary of Mirant Corporation)
- Grace Kennedy and Company Limited
- Grace Kennedy Remittance Company Limited
- Grace Food Services Limited
- First Global Bank

Professor Neville Ying

- Technical Adviser for Caribbean Examinations Council on Measurement and Evaluation.
- Technical Adviser to Ministry of Labour and Social Security
- Council member of the Jamaica Employers' Federation
- Director of Jamaica Association for Training and Development (JATAD)
- Adviser to the Government of Jamaica team to the ILO, Conference in Geneva, June 2003
- Chairman, Overseas Examinations Committee
- Chairman, Mico Foundation
- Deputy Chairman, Mico College Board of Governors
- Director, MultiCare Foundation, University Council of Jamaica, Serge Island Diaries

SPECIAL EVENTS

National Tree Planting Day 2003

October 3, 2003 was regarded as National Tree Planting Day in Jamaica. In recognition of the day a Yellow Poui Tree was planted on the lawn facing the car park of the School.

Accreditation

The University of the West Indies through the Mona School of Business has commenced activities leading to accreditation by the *Association to Advance Collegiate Schools of Business (AACSB) International*. The UWI Mona, with MSB as the Primary Unit was accepted as a member of the Association in March 2004, the first critical step in the process.

Wellness Fair

The School hosted its first **Wellness Fair** on January 9, 2004, in recognition of the importance of physical and mental well-being as a factor in the learning and working process. Areas covered included nutrition, stress management, physical fitness and work-life balance. Among the presenters at the Fair were Professor Errol Morrison, Professor Fredrick Hickling, Dr. Leonard White, Dr. Michael Boyne and Dr. Aggrey Brown.

Open House

The School had its first Open House Session on January 26, 2004. Applicants and prospective applicants were invited to the School to see and hear what Mona School of Business has to offer in terms of an EMBA, MBA and a Diploma in Business Administration and to experiencethe MSB Advantage.

Scholarship Awards Ceremony

On June 28, 2004, the Mona School of Business and the Scotiabank Jamaica Foundation held a joint Scholarship Awards Ceremony.

The recipients of the *Scotiabank Jamaica Foundation/Sir Alister McIntyre Scholarship* are Janice Smith, MBA full-time, Cohort 7; Fiona Thompson, MBA full-time, Cohort 7. The recipient of the *Lamour Wills Memorial Scholarship* is Alexis Chin, MBA full-time, Cohort 7.

EXHIBITIONS

Research Day

As a part of the University's Research Day Exhibition the School had on display the activities and publications of Faculty members.

Jamaica Employers' Federation (JEF) Convention 2004

The Jamaica Employers' Federation Conference was held between May 20- 23, 2004 at the Renaissance Jamaica Grande Resort, Ocho Rios. This year's theme was "**Going Global, Transforming Local**" involved over 300 participants.

The School staged a major exhibition at the Convention.

CONFERENCES, SEMINARS, SYMPOSIA & WORKSHOPS

The MSB was involved in a wide variety of conferences, symposia and workshops.

Four (4) of these are highlighted below :

- **Symposium: The Jamaican Diaspora: Reciprocal Relations – the Way Forward**

The MSB hosted this symposium on October 28, 2003. The symposium was a collaborative effort of the Ministry of Foreign Affairs and Foreign Trade and the MSB. It involved selected representatives of the Jamaican Diaspora from the USA, Canada and the UK. The Guest Speaker was Sir William Morris, Secretary General, British Workers Union/ Chancellor, University of Technology.

- **The First Jamaica Diaspora Conference**

The First Jamaica Diaspora Conference was held at the Jamaica Conference Centre on June 16-17, 2004. There were over 350 delegates from the major centres of the Diapora in the USA, Canada and the UK and about 200 local participants at the MSB worked in collaboration with the Ministry of Foreign Affairs and Foreign Trade which hosted this conference as a follow-up to the Jamaican Diaspora Symosium which was held in October 2003.

- **Second Caribbean Conference on Dispute Resolution**

The MSB collaborated with the Dispute Resolution Foundation of Jamaica to host the Second Caribbean Conference on Dispute Resolution entitled "Riding the Tides of Troubled Times ...21st

Century Techniques for Reducing the Cost of Conflict & Disputes. This was held on May 12-14, 2004 at the Jamaica Conference Centre. The conference had 345 participants from private sector companies, community based organizations, NGOs, the legal profession and trained mediators.

Professor Neville Ying was Co-chair for the conference.

- A joint **Workshop** hosted by the School and Grace, Kennedy and Company Limited was held on June 4, 2004. The workshop's theme was *Negotiating Strategies & Tactics for Creating and Changing Value*. This workshop was held for members of staff for all the Divisions in the Grace, Kennedy Group.

The presenters were Professor Margaret A. Neale, Graduate School of Business, Stanford University, USA, and Professor Thomas Z. Lys, Kellogg Graduate School of Management, Northwestern University, USA.

SIR ARTHUR LEWIS INSTITUTE OF SOCIAL AND ECONOMIC STUDIES (S.A.L.I.S.E.S.)



Professor Neville Duncan, BSc, MSc
UWI, PhD Manc
– Campus Director

Overview

This was a very successful year for the Institute. Staff members published extensively but special commendation goes to Dr. Karagiannis for his numerous publications. Of 33 publications (books, chapters in books, journal articles) 27 were academically refereed. There were 25 peer reviewed publications forthcoming. Ten research projects were completed and two articles were under peer review. There were also 13 research projects underway and 23 papers were presented at conferences. There were 25 students expected to graduate with the MSc degree. The academic year 2003/2004 ended with 25 MSc students in a position to graduate in November 2004. Three students were asked to withdraw from the programme. After further evaluation, one recommendation for withdrawal was rescinded. 29 students are expected to accept the offer of a place in the new academic year in the MSc programme (11 for governance). Three (3) rooms have been designated as study/meeting rooms for each MSc degree concentration. Important public service was undertaken by staff. For Cohort 2 (the previous year) the student of the year was Miss Alana Griffith, and for Cohort 3 Miss Yaneek Lawson. Trophies were awarded to the top student in Governance and Public Policy; Economic Development Policy; and Social Policy for each cohort.

Personnel News

Janice Brooks, subscriptions clerk, resigned during the summer as did Marcia Dillon, Publications Secretary. Brooks had just completed her B.Sc. in Public Administration. Both cited personal reasons for moving on. They were replaced by Ruby McFadden (secretary) and Marsha Dennis (subscriptions clerk). Mr. Samuel Morgan joined as part-time Clerk in the Main Office. Ms. Olamaie Christie successfully completed Years 1 & 2 of her degree programme which she has been pursuing on a part-time basis. She has applied for one year's study leave to do Year 3 as a full time student. Miss Christie did her six-week field work at the Brooklyn Public Library System, USA during August/September 2004. Mrs. Beverly Lothian continues to pursue her studies at the Department of Library and Information Studies. Ms. Petrona Nelson returned to work in August 2003 from extended leave. She's now the proud mother of a daughter, Catherina. Mr. Richard Leach completed the associate degree in Computer Studies and pursued the diploma at UTECH during the academic year, 2003-2004. Significant support contributions were provided by administrative and support staff for the various research projects undertaken, the symposiums and conference activities, and the MSc/MPhil/PhD programmes. Further maintenance and improvements to the plant were undertaken. Hurricane damage was limited.

MSc/MPhil/PhD programme

61 students (66.6 per cent females and 33.34 per cent males) were registered for the three MSc programmes – 20 were expected to graduate in November. There were 9 students registered in the PhD programmes while 20 were registered for the MPhil (19 females and 10 males).

Table 1 MSc Governance (GPP), Economic Development Policy (EDP) and Social Policy (SP) (2003-04)

	Part Time	Full Time	Expected to Graduate	Continuing	RTW/VW	Total
MSc. GPP	22	7	9	20	(3)	29
MSc. EDP	10	7	6	11	(3)	17
MSc. SP	12	3	5	10	(3)	15
Total	44	17	20	41	(9)	61

RTW: required to withdraw; and VW: voluntary withdrawal

Table 2 MPhil/PhD Students

	Full time	Part time	Full time	Part time	
	Female	Female	Male	Male	Total
PhD	—	6	—	3	9
MPhil	1	12	—	7	20
Total	1	18	—	10	29

Publications Unit**Annie Paul, Publications Officer**

The unit continued to sell books on a walk-in basis, occasionally holding book sales to coincide with the beginning of a new semester or conferences and other symposia. The book sale/display at the Caribbean Studies Association (CSA), for the 29th Annual Conference, St Kitts, June 2004 was manned by a local student arranged through the CSA secretariat. The subscription rates for SES were increased at the same time that a new cover design was in place. The income recorded by the publications section for the period August 2003 to July 31 was as follows:

SES subscriptions:	J\$1,583,152.86
Single copies SES:	158,560.49
Special Book Sales:	482,789.58
Total	J\$2,224,802.93
Total (2002-03)	J\$1,367,973.62

Social and Economic Studies (SES), 2003-2004

Our long-standing relationship with United Cooperative Printers was severed after poor quality work was delivered. The person who ensured the printed quality of the journal had left the company. Other printers were sourced, under Mr. Campbell's supervision, and have proved reasonably successful, although a delay in production was experienced while these adjustments were being made. Nevertheless, the quality of the content is gradually improving and there is now a better mix of local and external scholars represented in the journal. SES is now one of two journals in the Anglophone Caribbean (the other is the Journal of Eastern Caribbean Studies, SALISES, Barbados) and one of four journals from the

wider Caribbean, selected by ProQuest to be carried full text in their database. After intense negotiations with ProQuest (formerly UMI) a 3-year contract was signed which entitles the Institute to 30% royalties on all transactions involving SES material generated through the ProQuest database. While it is not known how this will affect sales of the print edition it was felt that at this time, in keeping with the University's own strategic plans, the priority was visibility and increasing the impact factor of the articles SES publishes.

SES

The following volumes were published during the year: vol. 52/2 June 2003; Vol. 52/3 September 2003; Vol. 52/4 December 2003; and Vol. 53/1 March 2004. Vol. 53/2 June 2004 was being produced. Vol. 53/3 and Vol. 53/4 are on target. For 2005 an issue on popular culture is in the review process and an issue on Technology and Development is planned.

Conference on Journal Publishing

A meeting of journal editors on campus was held to discuss plans for a conference on journal publishing later this year. 12 editors attended the meeting at which papers were given on electronic publishing and a proposal to put UWI journals online was discussed. Another meeting was held to consider the resurrection of the UWI journal editors' association and to consider a joint initiative to put the journals online.

On-Line Journal

The Unit has been in contact with Pippa Smart of the Oxford-based INASP (International Network for the Availability of Scientific Publications) about initiating a project to put Caribbean journals online. INASP which has had great success with their AJOL (African Journals OnLine) project is very interested in working with SALISES in spearheading this initiative. There is also an ongoing dialogue with a similar organization in Brazil, BIREME, which also offers technical assistance and space on their network for UWI journals. Annie Paul completed a workshop in electronic publishing offered by BIREME in conjunction with the *West Indian Medical Journal*, on the Mona campus. It is clear that opportunities abound for going electronic and that *Social and Economic Studies* is well positioned to make this leap. The next project is to design a proper web page for the journal, which will be accomplished in the next academic year.

Other developments

A cumulative index to SES from 1953 to 2003 is now available in electronic format. This is something Mrs. Chambers had written into one of her projects and which had been in progress for some years. The index will be made available on our web page as soon as possible. From Jan 27-30 2004 Paul and Robinson represented SALISES at the GDN conference in New Delhi. Publications were displayed and a lot of interest was expressed in the institute's research and teaching programme. GDN is able to fund the attendance of young researchers to these conferences which provides opportunities for students and staff. Storage of publications has always been inadequate. This problems needs to be speedily addressed.

Books and Monographs

Dr. Kimberly Robinson-Walcott

The year under review saw the publication of Jimmy Tindigarukayo's monograph, *Local Government Reforms in Jamaica (1993-2000)*, financed by the New Initiative Fund out of the Office of the Principal. Also published was a new edition of the seminal book *The Silver Men* by Velma Newton. The book was co-published by SALISES along with Ian Randle Publishers. Two documents were produced for the Labour Studies Programme of the Mona School of Business: *Social Protection Policy Guidelines and Recommendations for the New Caribbean Economy* and *Labour and Employment Relations Policies for the New Caribbean Economy*, both compiled by Neville Ying. These documents were disseminated to government agencies, trade unions and the private sector with a request for feedback, with a view to incorporating these changes prior to final publication. In the editing stage of production at year end was *Squatters in Jamaica: A Policy Assessment*, by Jimmy Tindigarukayo.

Future Projects

In the pipeline for production in the year 2004-2005 are a number of projects, including the following: Eris Schoburgh, *Local Government Reform: The Prospects for Community Empowerment in Jamaica*. This manuscript went through the review process and the author is now undertaking final revisions. Jenifer Daley, *Understanding and Preventing Bank Crises in Developing Countries*. This manuscript went through the review process and the author is now undertaking final revisions. Gordon Draper, *Essays on Public Service Development*. We have an agreement in principle to publish this manuscript subject to the standard review process. Ed. Carolyn Cooper, *et*

al, Dancehall Reader. This project, commenced in the academic year 2003-2004, continues. *Compilation of the Institute's research projects*. A comprehensive listing of all major research projects undertaken by the institute in its 55-year history is to be compiled. *Publications catalogue 2005-2006*. The new edition of the catalogue, following on the one for 2003-2004 published last year, will be produced. Plans are in train to produce new editions of a selection of old ISER titles which are in steady demand. Meanwhile, a number of manuscripts have been submitted which are now undergoing the review process.

Marketing

SALISES books were displayed at the following overseas/ international conferences: Caribbean Publishers Network, Second International Conference, Curacao, November 2003; Culture, Politics, Race and Diaspora: The Thought of Stuart Hall, UWI, Mona, June 2004; and Caribbean Studies Association (CSA), 29th Annual Conference, St Kitts, June 2004. The institute's books or catalogues were included in joint CAPNET displays at the Association of Caribbean Universities Research and Institutional Libraries (ACURIL) Conference, Trinidad, June 2004. A selection of our titles was included in the second overall CAPNET catalogue for 2003-2004 produced in 2003.

Data and Documentation Centre

Audrey Chambers

The Centre continued to provide the Institute with timely and relevant information for its research as well as its teaching function. It serves as a library for the post graduate community of the university, especially the Faculty of Social Sciences, as well as assisting researchers from other universities, both local and overseas.

Stock:

As more full text information becomes available via electronic sources we have steadily decreased the acquisition of printed journals and other print documents. During the period under review we have systematically cancelled the subscriptions of many of our printed journal titles, which we purchase through our overseas agents, EBSCO and Swets-Blackwell, as they are now available full-text via the Main Library's webpage. In conjunction with the Main Library we now provide access to hundreds of journal titles, many of them full-text, from any computer on the campus. Articles which are not available in-house or online can be obtained

electronically at a cost from the British Lending Library, which has a 2-hour service, a 24-hour service or the standard service which takes approximately 3 days.

Users:

Our most consistent users during the period were the graduate students from SALISES, the Departments of Economics, Government, Sociology, Psychology and Social Work. Faculty and students from the Department of Management Studies and the Mona School of Business were also regular users of the facilities. We accommodated students from the University of Technology, the College of Agriculture, Science and Education, overseas universities, as well as former UWI and SALISES students. A number of undergraduates and employees of Government agencies were given special permission to use the facilities.

Special Projects:

Social and Economic Studies Index

The 50-year index for Social and Economic Studies for the period 1953-2003, was completed during this period and handed over to the Publications Unit.

Conversion of DOS Databases to Web-based Databases

Mrs. Chambers did a pilot project converting a small sub-set of the ISERG database from a DOS base to a web-based version using the GEN-ISIS programme. This was successful, but when it was tried on a larger subset it developed a lot of *kinks* which to date she has been unable debug. We still hope to have it up and running and linked to the web-page by the end of the year.

Digitization of Documents

There is a plan to digitize some of the Centre's documents, for example, work produced by ISER and/or for ISER.; these comprise our archival collection. Stocktaking was done on the collection, a scanner has been purchased and training courses attended by Mrs. Chambers and Ms.

Davis. Mrs. Chambers also plans to visit some libraries in Florida during her study leave to obtain further guidance on digitization and metadata.

The Derek Gordon Data Bank

H. Kristin Fox

During the period, the data were obtained for the following: Business and consumer confidence index (Jamaica), Survey of Living Conditions 2002, and Jamaica Youth Activity survey. Data from other Caribbean countries have not been forthcoming despite dialogue with ECLAC and with Guyana where a Social Policy project, similar to the one which saw the establishment of the Data Bank, was being planned. The data were used mainly by students from the social science masters programmes, including SALISES students. Dreamweaver, a software for web development, for which the University has a license, was obtained. The website has been invaluable medium for communication between SALISES lecturers and students with notices and course notes with daily updating of the message board for students. Unfortunately, while our website has been regularly updated in the area of teaching and for the Databank, other sections have not been well-utilised and we still have very old information. With the acquisition of Adobe Acrobat writer, it was possible to create pdf files of the SALISES voice and handbook to make available on the web. During the period the pages of the website was reconstructed in keeping with the University standards. We have introduced an informal system for extending opening hours by assigning a willing student to take responsibility for closing (including ensuring that all the computers are shut down, etc) the lab. This system worked well throughout the academic year. The Data Bank was rented to Ministry of Health for training and for data entry. There is obviously a demand for a lab such as ours but we have to limit such use in order to meet the needs of students. Assistance was provided to other staff members in the areas of (i) printing (ii) document preparation; (iii) multi-media preparation; and (iv) data entry.

PAPERS PRESENTED

Professor Neville C. Duncan

- “The Role of the Judiciary in the Single Market and Economy”, Conference on the Caribbean Court of Justice, School for Graduate Studies and Research, May 6, 2004,
- “The Community’s Relations with the State, and Local Community Governance and empowerment”, Labourie

Conference, December 21, 2003, in Labourie, St. Lucia

- “Socio-cultural and political dimensions of the CSME” 5th SALISES Conference, St. Augustine Campus, UWI, 2004
- “Jamaican and Caribbean Development: Shaping the Future”, MIND Monthly Seminar, St. Andrew, Jamaica
- Workers Unions and the Challenges of Globalisation, Jamaica Civil Service Association (JCSA) 85th Anniversary Celebrations, Kingston, Jamaica
- US/Caribbean Relations – Past, Present and Future, IIR Conference, UWI, St. Augustine Campus

Dr. Aldrie Henry-Lee

- “The Total Character of Incarceration in Jamaica”. (with Mary Clarke) Hermione McKenzie’s conference Gender, Social Work and Social Policy, June 25, 2004. Mona Campus, University of the West Indies.
- “The implications for social service delivery in a weak social policy environment”. Regional Conference – A New Perspective on Poverty in the Caribbean: A Qualitative Approach (organized by the Caribbean Development Bank), June 9-11, 2004.
- “Poverty and Crime in Jamaica”. University of Guyana’s conference on poverty in February, 2004.
- “Poverty Alleviations and Social Interventions in the Caribbean”. Caribbean Food and Nutrition Institute’s conference on poverty, November 2003.

Dr. Patsy Lewis

- “Training Jamaicans for Export: A Viable Development Strategy?” Eight Conference of the Association of Caribbean Economists, ‘Diaspora, Migration and the local Caribbean Economy’, Port au Prince, Haiti, 13-15 November 2003, and also at the 29th Annual Conference of the Caribbean Studies Conference Association (CSA), St. Kitts, June 1st to 4th, 2004.

Dr. Patricia Northover

- ‘Size, Survival and Beyond: On Formulating a Caribbean Creole strategy for promoting CARICOM Regional success’ Sir Arthur Lewis Institute of Social and Economic Studies, Fifth Annual Conference on Caribbean Single Market and Economy Legal, Political, Economic and Social Dimensions, University of the West Indies, St. Augustine, Trinidad. March 31- April 2, 2004
- (with Crichlow, M) “Freedom, Possibility and Ontology – Rethinking the problem of ‘competitive ascent’ in the Caribbean,” 2004 Annual Conference of the International Association for Critical Realism, Theorising Ontology, (IACR): University of Cambridge - Girton College, 15th–9th August 2004.
- (with Crichlow, M.) “Power and its subjects: Development dilemmas, Post-colonial restructuring of rural spaces/places/ identities and State reconfigurations in contemporary globalization processes” XI World Congress of Rural Sociology, Globalization, Risks and Resistance, Trondheim, Norway, July 25-30th 2004

Dr. Philip D. Osei

- Regulating Government Procurement in the CARICOM: What Lessons can be learnt from Jamaica? Fifth Annual SALISES Conference. St Augustine Campus, University of the West Indies. Trinidad & Tobago. 31 March-2 April, 2004.
- “Self-made Vulnerabilities which Impede Economic Policy Delivery: Debt, Credibility and Corruption and the Poor in Jamaica”. Commonwealth Secretariat Workshop on Economic Vulnerability and Resilience of Small States. Held at the Islands and Small States Institute, University of Malta, March 1-3, 2004.
- Development Management Orthodoxies and Unintended Consequences is a Public Micro Investment Service for the Poor in Jamaica. CLACSO/CROP/CEDLA Workshop on Poverty in Latin America. Santa Cruz de la Sierra, Bolivia. April 2004.
- “A Crime Prevention Strategy ‘Fit for Purpose’? A Post-Mortem of Jamaica’s 12-Point Plan of 2002. Conference on Crime and Criminal Justice, University of the West Indies, Mona Campus. Kingston, Jamaica. February 11-14, 2004.

Annie Paul

- “Emancipating Ourselves in Post-Slave Societies of the New World”, 29th Annual Conference of the Caribbean Studies Association, St. Kitts & Nevis, 2003.

Dr. Kimberly Robinson-Walcott

- “Taking, or Spurning, the Imperial Road: White West Indian Writers and Their Black Protagonists”. Jean Rhys Conference, Roseau, Dominica, 10-13 June 2004.

Dr. Jimmy Kazaara Tindigarukayo

- “A Programme for Housing the Poor in Jamaica”, international conference on Adequate and Affordable Housing for All, organized by International Sociological Association, and held at the University of Toronto, Canada, June 22-28, 2004.
- “Perceptions and Opinions of Jamaicans on Caribbean Institutions for Regional Integration” SALISES 5th Annual Conference on “The Caribbean Single Market Economy”, held at St. Augustine, UWI, Trinidad & Tobago, March 31 to April 2, 2004.
- “An Integrated Model for Tackling Violence in Jamaica”, 3rd International Caribbean conference on “Crime and Criminal Justice”, held at the University of the West Indies, Mona Campus, February 11-14, 2004.

PUBLICATIONS

Refereed

Dr. Aldrie Henry-Lee

- * Henry-Lee, Aldrie, Bailey, Wilma & Branche, Clement (2003). “Conflict, gender relations and the health of women in two low income communities in Jamaica”. In *Social and Economic Patterning of Health among Women*. Committee for International Cooperation in National Research in Demography (CICRED), Paris, France.
- * Bailey Wilma, Branche Clement & Henry-Lee, Aldrie, Gender Relations, and Conflict Management in Inner-City Communities in Jamaica: The importance of community participation, Ashgate Publishing Limited, England, 2003.

Dr. Nikolaos Karagiannis

- * (with D. Alleyne), A New Economic Strategy for Jamaica: With Special Consideration of International Competition and the FTAA, Arawak Publications (Kingston), August 2003.
- * A New Economic Strategy for the Bahamas: with Special Consideration of International Competition and the FTAA, 2nd impression (slightly revised), Drop Zone (Miami & Nassau), June 2004.
- * (with M. Witter) *The Caribbean Economies in an Era of Free Trade*, Ashgate Publishing Ltd. (Aldershot, UK), August 2004.
- * “Developmental Intervention: Some Lessons for Caribbean Governments”, Chapter in *Fiscal Experience in the Caribbean*, edited by R. Ramsaran, UWI, Trinidad: Caribbean Centre for Monetary Studies, 2004.
- * “Fiscal and Development Challenges Facing The Bahamas at the Turn of the Century”, pp. 111-148 in the book *Fiscal Experience in the Caribbean*, edited by R. Ramsaran, Trinidad: Caribbean Centre for Monetary Studies/UWI, March 2004.
- * “Economic Development and Tourism Growth in Jamaica: The Challenges of the Strategic Approach”, in the book *Caribbean Tourism: Visions, Missions and Challenges*, Vol. II, edited by C. Jayawardena, Kingston: Ian Randle Publishers, July 2004.
- * “Dependence, Cumulative Causation and the Caribbean”, pp. 3-22 in the book, *The Caribbean Economies in an Era of Free Trade*, edited by N. Karagiannis and M. Witter, August 2004.
- * “The Bahamian Economy in the Era of the FTAA”, pp. 149-168 in the book *The Caribbean Economies in an Era of Free Trade*, edited by N. Karagiannis and M. Witter, August 2004.
- * “Development Policy Options for CARICOM in an Era of Free Trade”, pp. 109-129 in the book *The Caribbean Economies in an Era of Free Trade*, edited by N. Karagiannis and M. Witter, August 2004.
- * “Towards a Caribbean Developmental State Framework”, Chapter 8 in the book, *Foreign Investment in Developing Countries*,

edited by H. Kehal, Basingstoke & New York: Macmillan, Summer 2004.

- * Tourism, Linkages, and Economic Development in Jamaica: The Challenge of the Developmental State Approach”, *Regional Development Studies*, Vol. 9, pp. 95-114, UNITED NATIONS–Centre for Regional Development, November 2003.
- * “Charting the Caribbean Developmental State Framework: Adopting the East Asian Strategic Approach”, *Nordic Journal of Latin American and Caribbean Studies*, December 2003.
- * “Hamilton’s Report on Trade Liberalisation in The Bahamas: A Commentary”, *IDEAZ*, Vol. 2:2, December 2003.
- * “The Role of the Government in the Caribbean: A Commentary on the Dismal Orthodoxy”, *Journal of Eastern Caribbean Studies* (Comments section), Vol. 29:1, March 2004.

Dr. Patsy Lewis

- * “Political Union: The Road Not Traveled by the West Indian Commission”, *Global Development Studies*, Volume 3, Nos. 1&2 (Winter, 2002 – Spring 2003), pp 1-24.

Dr. Philip D. Osei

- * “Public-Private Partnerships in Service Provision in Developing Countries: Jamaican Examples”. In *Public-Private Partnership: Policy and Experience*. Edited by Abby Ghobadian, David Galleary, Nicholas O’Reagan and Howard Viney. Basingstoke: Palgrave Macmillan. 2004. Pp. 251-268.
- * “Tripartite Partnerships in Small States: Barbados and Jamaica in Comparative Perspective”. In *Globalisation and Governance: The Challenges of Small States*, Edited by Ann Marie Bissessar. USA: McFarland Press. 2004. Pp. 45-78.
- * The Debt Problem and Self-Made Vulnerabilities: The Case of Jamaica. In *Vulnerability and Resilience of Small States*. Malta: Formatek Limited. 2004. Chapter 10.

- * Governing Procurement and Employment Contracts under Public Sector Reform in Jamaica. Submitted for publication in *Public Administration & Development*. UK. 15th May 2004.

Annie Paul

- * “Emancipating Ourselves...in Post-Slave Societies of the New World”, *Axis: Journal of the Caribbean School of Architecture*, Vol. 7, June 2004, pp. 122-135.
- * “Tales of the City”, *Caribbean Review of Books*, Volume 1, Number 1, May 2004, pp. 10-11.

Dr. Kimberly Robinson-Walcott

- * “Claiming an Identity We Thought They Despised: Contemporary White West Indian writers and Their Negotiation of Race”. *Small Axe* 14 (Sept 2003). 93-110.

Dr. Jimmy Tindigarukayo

- * *Local Government Reforms in Jamaica (1993-2000): An Evaluation*, Sir Arthur Lewis, ISES Publications, Barbados, Jamaica, Trinidad and Tobago, 2004, 113 pp
- * “An Attempt to Empower Jamaican Squatters”, *Environment & Urbanization*, Vol. 16, No. 1, April 2004, pp. 199-209
- * “An Assessment of the Citizen’s Charter in Jamaica (1994-99)”, *Caribbean Journal of Public Sector Management*, Vol. 5, No. 1, November 2003, pp. 5-23.

Non-refereed

Professor Neville C. Duncan

- * “People’s Participation and Local Governance in the Caribbean: What is at stake”, Conference report, ActionAid, Haiti/Dominican Republic, Colloque International, *Participation citoyenne, Gouvernance decentralisee et Democratie Participative*, editor Andre Lafontant Joseph, ISBN: 99935-2-465-4, Bibliotheque Nationale d’Haiti, Port-Au-Prince, 16-18 June 2003, pp.56-67, 2004.

- * “Jamaican and Caribbean Development: Shaping the Future”, *Caribbean Journal of Public Sector Management*, May 2004, 5:2, pp. 5-22.

Dr. Nikolaos Karagiannis

- * “The Bahamian Budget 2004-05: Bringing Development to the Forefront”, *Bahama Journal*, June-July 2004.

Dr. Patsy Lewis

- * “The future of special and differential treatment in the FTAA”, co-authored with Patricia Northover, Lucy Eugene and Don Marshall, in ACS, *Studies in Special and Differential Treatment: an Evaluation of International Competitiveness*, 2004, 218 of 297 pages.

Dr. Patricia Northover

- * “The Future of Special and Differential Treatment in the FTAA”, co-authored with Lewis, P., Eugene, L., Northover, P. and Marshall, D. (2004), in *Studies in Special and Differential Treatment and Evaluation of International Competitiveness*. Association of Caribbean States: Trinidad and Tobago, Port of Spain pp. 1-218.

Research Completed

Kristin Fox

- Evaluation of the National Poverty Eradication Programme with Prof. N. Duncan, Dr. P. Osei, Dr. J. Tindigayakuro, Dr. A Henry-Lee

Dr. Aldrie Henry-Lee

- Chief Investigator: *An assessment of the impact of imprisonment of women on their children* (Sponsored by CIDA and the Planning Institute of Jamaica)
- Researcher: *Status Report for Jamaica on the Millennium Development Goals* (sponsored by the United Nations Development Fund)
- Researcher: Evaluation of the National Poverty Eradication Programme in Jamaica. Sponsored by DFID and the Government of Jamaica.

- Fieldwork Coordinator: *Assessment of Jamaicans' Attitudes to Political Integration* (Sponsored by the Principal's office).
- Researcher: Feasibility Study for the project: Policy and Implementation of User Fees and the Impact on Health Seeking and Coping Behaviour of Patients in Jamaica. (Sponsored by Pan American Health Organization)
- Researcher/Fieldwork Coordinator, Social Assessment in Belize (funded by DFID)

Dr. Philip Osei

- *Successes in Promoting Child (and Adult) Human Development through Basic Services: Review of Existing Documentation*. July-December 2003. Child Poverty Research and Policy (CHIP) — A partnership between Save the Children (UK) and the Chronic Poverty Research Centre, Institute for Development Policy and Management, University of Manchester (UK).

Dr. Jimmy Kazaara Tindigarukayo

- Evaluation of the Youth Information Centres in Jamaica, July 2004, commissioned by UNICEF Jamaica.
- A Socio-Economic Survey of Jurors on Rape/Carnal Abuse Cases across Jamaica, April 2004, commissioned by His Lordship, Justice Courtney Daye (Judge of the Jamaican High Court), and funded by CIDA.
- Evaluation of the National Poverty Eradication Programme in Jamaica, October 2003, a joint research by SALISES academic staff.

PUBLIC SERVICE

Mrs. Sheron Barnes-Wilmot

- Liaison Officer, UWI Public Relations
- Honorary Life Member, CGS/SALISES Alumni
- Member, Association of Caribbean Higher Education Administrators (ACHEA)

- Associate Trainer, Keys to Safer Schools, USA, in preventing school violence
- Member, International Association of Schools and Institute of Administrators
- International Meeting of University Administrators (IMUA)
- Volunteer Part-time Trainer – PALS Ja., Ltd.
- Trained and subsequently received Certification as a Trainer for Trainers in Preventing School Violence – May 2004

Audrey Chambers

- Chairperson, Information and Technology Working Party of the Library and Information Association of Jamaica (LIAJA)
- Member, Information Advisory Board of the Jamaica National Commission for UNESCO
- Member, National Library of Jamaica (NLJ) Digital Steering Committee.

Norma Davis

- Member, LIAJA Information Technology Working Party

Professor Neville C. Duncan

- Member, National Advisory Commission on Local Government Reform
- Chair, Task force on Decentralisation, Democracy and Transparency (NACLGR)
- Member, Research Support group, (NACLGR)
- Member, Alister McIntyre Research and Policy Group (UWI)
- Consulting Editor, Journal of Arts, Science and Technology (University of Technology)
- Editorial Board, CRIES, Venezuela
- Member, Policy Advisory Board, Office of the Prime Minister
- Member, National Capacity self-Assessment Project, MLE.

Kristin Fox

- Member, Survey of Living Conditions Steering committee

- Member, PATH monitoring committee
- Member, Social Indicators Monitoring System (SIMS) steering committee
- Member, Public Sector Employment Census Technical Committee
- Member, Early Childhood Commission Research sub-committee

Dr. Philip D. Osei

- Member, Task Force on Finance and Funding, and the Research Sub-Committee of the National Advisory Council on Local Government Reform in Jamaica.
- Board Member of S-Corner Clinic and Community Development. Kingston 18.

Dr. Patsy Lewis

- Member, Hospital Board UHWI
- Member, Nurses Advisory Committee UHW

Annie Paul

- Editorial Board, the Caribbean Review of Books, November 2003.
- Consultant, Museo de Arte Moderno, Santo Domingo, Dominican Republic
- Board Member, JAMCOPY, the Jamaican Copyright Licensing Agency.
- Associate Editor, *Small Axe: A Caribbean Journal of Criticism*, Indiana

Dr. Kimberly Robinson-Walcott

- Editor, *Jamaica Journal*: Vol. 27 Nos. 2/3, published in April 2004.
- Editor, Bank of Jamaica's publication, *Bank of Jamaica: the First 40 Years*, published in June 2004.
- Literary adjudicator for entries in the category of novels in the Jamaica Cultural Development Commission's Annual Literary Competition, August/September 2003.

- Adjudicator for entries in the category of adult creative writing in the bi-annual Book Industry Association of Jamaica National Book Awards Competition, May 2004
- Member, Task Force to Examine Importation of Reading Material, Ministry of Finance and Planning, Government of Jamaica.
- Member, Executive Committee, Caribbean Publishers Network.
- Member, Editorial Committee, Caribbean Review of Books.



THE BIOTECHNOLOGY CENTRE

Prof. M. Ahmad, BSc *Bhagal*, MSc, PhD
LARI – Director

WORK OF THE CENTRE

During the year 2003-2004 members of staff advanced the work of the Biotechnology Centre through teaching, supervision and training of postgraduate and under-graduate students. The volume of work at the Centre continues to grow and with the cooperation of all the members of the Centre, this task was accomplished.

For the past three years, the Centre has accommodated summer students from the College of Science and Agriculture (CASE) in Portland. This summer, one CASE student worked with Dr. Sylvia Mitchell on low cost methods of micropropagation and pineapple micropropagation. He was taught Biotechnology techniques and other scientific methods. Another student sponsored by the Jamaica National Building Society also worked with Dr. Sylvia Mitchell during the summer on a project to develop low cost tissue culture kits for classrooms using leaf-of-life (*Bryophyllum pinnatum*).

The Ministry of Agriculture/Biotechnology Centre Citrus Replanting project entered its second year of activity. The total sum of USD149,911 had been allotted to examine the Pathology of Citrus diseases in Jamaica. The principal investigator and team leaders are Drs. Wayne McLaughlin and Paula Tennant. The project commenced in February 2003 and is part of a larger project of the Ministry of Agriculture to control citrus diseases in Jamaica.

The Environmental Foundation of Jamaica has funded the sum of approximately JMD5,000,000.00 for a research project to establish *ex situ* and *in vitro* gene banks of Jamaican medicinal plants. The project commenced in July 2004 and will be in effect for two years. The principal investigators on the project are Dr. Sylvia Mitchell and Prof. M. Ahmad.

Dr. Sylvia Mitchell obtained the sum of JMD334,800.00 to assist Mr. Seymour Webster, M. Phil candidate at the Biotechnology Centre, with his research on Somatic embryogenesis of woody medicinal plants. The funding has been granted by the Jamaica Broilers Association.

Dr. Sylvia Mitchell was chosen to participate in the International Network of Centres of Excellence Seminar to identify and publish innovative case studies for the development of pharmaceutical products from medicinal plants. The Seminar was held in Trieste, Italy, February 2004 and sponsored by the Third World Network of Scientific Organizations (TWNISO). A Medicinal Plant Network has been established as a result of the seminar, a e-newsletter launched with Dr. Mitchell as the Editor, and the research cases presented will be published in a book that is being compiled.

Dr. Paula Tennant attended a Capacity Building Workshop on Biosafety for the Caribbean which was held January 19 – 30th, 2004 in Port of Spain, Trinidad. The workshop was hosted by the National Institute of Higher Education, Research, Science and Technology (NIHERST) and aimed at developing a Bio-Safety framework and regional harmonization of Biosafety systems.

All the academic staff of the Biotechnology Centre currently lectures in the following undergraduate courses:

BC31M - Applied & Env. Microbiology, BC34C - Molecular Biology II, BC35C – Biotechnology, BC35D - Biotechnology II, BC39P - Plant Biochemistry, BC21D - Bioenergetics and Cell Metabolism, BC21C – Molecular Biology I, BC36A – Research Project, BC10M – Introductory Biochemistry.

RESEARCH IN PROGRESS

Prof. M. H. Ahmad and Dr. Sylvia Mitchell

- The use of neem oil as biopesticide
- Tissue Culture and somatic embryogenesis of medicinal plants

- Development of low cost tissue culture kits

Two full time MPhil candidates and two undergraduates are currently working on these projects.

Dr. Paula Tennant

- Development of transgenic papaya with resistance to papaya ring spot virus (PRSV)
- Pathology of Citrus Diseases
- Development of West Indian Sea Island cotton with resistance to insect pests

Seven full time MPhil and PhD postgraduates are working at the Centre under the supervision of Dr. Paula Tennant.

Dr. Marcia Roye

- Molecular biology and epidemiology of whitefly-transmitted geminiviruses infecting crops and weeds.

Dr. Roye currently supervises four full-time MPhil Candidates who are working at the Biotechnology Centre, and one part-time PhD candidate working at the Biochemistry Section, Department of Basic Medical Sciences.

Prof. Helen Asemota and Dr. Andrew Wheatley

- Conservation of Biodiversity, Improvement of Production and Exploitation of Tropical tuber crops for Sustainable Development
- Molecular basis of sprouting in yam and the characterisation of Jamaican yam starches.

There are five full time postgraduates and one part time postgraduate working on these projects at the Centre

Dr. Wayne McLaughlin

- Molecular Biology, Epidemiology of whitefly-transmitted geminiviruses infecting crops and weeds.

Currently, six postgraduates are working under the supervision of Dr. Wayne McLaughlin

PAPERS PRESENTED

- Abdulkadri, A., Pinnock, S., and Tennant, P. (2004). Public perception of Genetic engineering and the choice to purchase genetically modified food. Annual Meeting of the American Agricultural Economics Association, Denver, Colorado, August 1-4, 2004
- Amarakoon, I.I., M.E. Roye, R. Briddon and J. Stanley (2003). Molecular characterization of weed-infecting geminiviruses from Jamaica, their relationship to some crop geminiviruses and implications for virus control. Scientific Research Council Seventeenth Annual National Conference on Science and Technology. Knutsford Court Hotel, Jamaica, November 2003.
- Bahado-Singh, P.S., Wheatley, A.O., Asemota, H.N. and Morrison, E.Y.St. A. (2003) Glycemic indices of selected food crops of the Caribbean: Implications for the management of diabetes. HUPO 2nd Annual and IUBMB XIX Congress, October 8-11, 2003, Montreal, Canada. Molecular and Cellular Proteomics, Vol. 2, No.9 pp. 881.
- Earle-Barrett, S., Wheatley, A.O., Asemota, H.N. and Lobban, K. (2003) Study of biodiversity within Jamaican yam (*Dioscorea* spp.) using Random Amplified Polymorphic DNA (RAPD) and Amplified Fragment Length Polymorphism (ALFP). HUPO 2nd Annual and IUBMB XIX Congress, October 8-11, 2003, Montreal, Canada. Molecular and Cellular Proteomics, Vol. 2, No.9 pg. 900.
- Lobban, K.S., Wheatley, A.O., Golden, K. and Asemota, H.N. (2003) Investigation of polyphenol oxidase changes associated with the *in vitro* propagation of *Dioscorea alata* c.v. sweet yam. 17th Annual National Conference on Science and Technology. Science and Technology for Economic Development: Technology Driven Agriculture and Agro-processing. Knutsford Court Hotel, Kingston, Jamaica. November 19-22, 2003. pg 25.
- Lobban, K.S., Wheatley, A.O., Golden, K. and Asemota, H.N. (2003) Investigation of the biochemical changes associated with

ex vivo and *in vitro* developmental processes in *Dioscorea* spp. HUPO 2nd Annual and IUBMB XIX Congress, October 8-11, 2003, Montreal, Canada. Molecular and Cellular Proteomics, Vol. 2, No.9 pp. 773.

- Mitchell, S.A., and **Ahmad, M.H.** (2004). Description of two distinctive vegetative shoot types produced during in vitro and in vivo growth of *Dioscorea trifida* cv Short Neck Yampie and *D. cayenensis* cv Round Leaf Yellow Yam. In Vitro Volume 40: 2004 World Congress on In Vitro Biology Abstract Issue pg. 57-A
- Mitchell S.A., M Miller, S. Webster and **M.H. Ahmad** (2004). Using Biotechnology Techniques for exploring Useful Wild Plants. In: Proceeding of REDBIO2004, June 21-25th, Dominican Republic, pg 356.
- Mitchell, S.A. (2004). The potential for Health Tourism in the Caribbean from a biodiversity viewpoint. Telemedicine Conference. July 22-25th, Kingston, Jamaica.
- Mitchell, S.A. (2004). The past, present and future of Agrobiotechnology in the Caribbean. Caribbean Food Crops Society 40th Meeting, St. Johns, US Virgin Island, July 19-22nd
- Mitchell S. A., K Wray, M Miller, T.G. Lawrence, W. McLaughlin and **MH Ahmad** (2004). Low-cost agricultural biotechnology solutions for the Caribbean. In: Proceeding of REDBIO 2004, June 21-25th, Dominican Republic, pg 314.
- Mitchell S.A., M Miller, S. Webster and **M.H. Ahmad** (2004). Use of Biotechnology Techniques in the exploration of socio-economically significant plants in the Caribbean. In: Proceeding of REDBIO 2004, June 21-25th, Dominican Republic, pg 33
- Mitchell S.A., R. Perez and D. Duran (2004). Towards a regional agenda for agrobiotechnology in the Caribbean. In: Proceeding of REDBIO 2004, June 21-25th, Dominican Republic, pg40. Also an aide memoire of the meeting.
- Mitchell S.A. (2004). Towards a Caribbean Regional Agrobiotechnology Strategy and Action Plan. Aide Memoir of the Preparatory Meeting for the reactivation of the Caribbean Biotechnology Group: Agrobiotechnology in the Caribbean:

Present and Future. Dominican Republic, March 16-19th, 22 pages

- Powell, M., Wheatley, A.O., Tennant, P., Omoruyi, F., Asemota, H.N., Gonsalves, D. and **Ahmad, M.H.** (2003). Rat intestinal transport enzymes: Effect of the consumption of transgenic papaya (*Carica papaya* L.). HUPO 2nd Annual and IUBMB XIX Congress, October 8-11, 2003, Montreal, Canada. *Molecular and Cellular Proteomics*, Vol. 2, No.9 pp. 881.
- Riley, C.K., Wheatley, A.O., **Ahmad, M.H.** and Asemota, H.N. (2004). Microscopic properties of yam (*Dioscorea sp.*) starches and implications for industrial application. Annual Science Symposium, Northern Caribbean University, Mandeville, Jamaica. April 20, 2004.
- Riley, C.K., Wheatley, A.O., Adebayo, A.S., **Ahmad, M.H.** and Asemota, H.N. (2004). Industrial exploitation potential of native Jamaican yam (*Dioscorea sp.*) starches in tablet formulation for diabetics: Effect of amylose content and digestibility. ASBMB Annual Meeting and 8th IUBMB Conference. June 12-16, Boston, Massachusetts.
- Riley, C.K., Wheatley, A.O., **Ahmad, M.H.** and Asemota, H.N. (2003). The relationship between amylose content and some rheological properties of starches from five Jamaican yams (*Dioscorea spp.*). 17th Annual National Conference on Science and Technology. Science and Technology for Economic Development: Technology Driven Agriculture and Agro-processing. Kingston, Jamaica. November 19-22, 2003.
- Riley, C.K., Wheatley, A.O., Hassan, I., **Ahmad, M.H.**, Morrison, E.Y. St. A. and Asemota, H.N. (2003). X-ray crystallographic and scanning electron microscopic analysis of starches from five yam (*Dioscorea spp.*) grown in Jamaica. HUPO 2nd Annual and IUBMB XIX Congress, October 8-11, 2003, Montreal, Canada. *Molecular and Cellular Proteomics*, Vol. 2, No.9 pg. 981.
- Roye, M.E., K. Smith and I. Haye (2003). How and why plant viruses change and the implications for control of viruses in our agricultural system. Scientific Research Council Seventeenth

Annual National Conference on Science and Technology.
Knutsford Court Hotel, Jamaica, November 2003.

- Tennant, Paula., Chin, M., Pinnock, S., Powell, M., Wheatley, A. O., Roberts, M., Minott, D., Jackson-Malete, J., and Gonsalves, D. (2004) Transgenic *Carica papaya* L. resistant to *Papaya ringspot virus* in Jamaica: Development and safety assessment. Institute of Food Technologists' Annual General meeting, Las Vegas, Nevada, July 12-16, 2004.
- Turner, Shawna-Gae, Tennant, Paula, and. **Ahmad, M.H.** (2003) Evaluation of wild *Carica* species for resistance to *Papaya ringspot virus* isolates from Jamaica. JAGRIST (The Bulletin of the Jamaican Society For Agricultural Sciences) Vol. XV#1: 16-21
- Webster, S., Mitchell, S.A., and **Ahmad, M.H.** (2004). Somatic embryogenesis response of *Petiveria alliacea* leaf explant-derived-callus to sucrose- and glucose-enriched media supplemented with NAA and BAP. In Vitro Volume 40: 2004 World Congress on In Vitro Biology Abstract Issue pg. 33-A
- Wheatley, A. O., Riley, C. K., Bahado-Singh, P. S., Smith, T. M., Asemota, H. N. and Morrison, E. Y. (2003) Relationship between amylose content and the *in vitro* digestibility and glycemic index of some Jamaican yam (*Dioscorea* spp.) starches. *Diabetes and Metabolism*, Vol. 29, 4S198.

PUBLICATIONS

Refereed

- * Bahado-Singh, P.S., Wheatley, A.O., Morrison, E.Y. St. A., **Ahmad, M.H.** and Asemota, H.N. (2004) Investigation of the effect of food processing on the glycemic indices of some Jamaican foods: A proactive approach to the management of Type II Diabetes Mellitus. *West Indian Medical Journal*. 53 (Suppl 1): 45.
- * Fermin, G., Tennant, P., Gonsalves, C., Lee, D., and Gonsalves, D. (2004). Comparative development and impact of transgenic papaya in Hawaii, Jamaica and Venezuela. In Transgenic plants: Methods and Protocols, Vol. 286, Methods in Molecular Biology, L. Pena (Ed.). Humana Press, Totowa, New Jersey pp 397-428.

- * Riley, C.K., Wheatley, A.O., Adebayo, A.S., **Ahmad, M.H.**, Morrison, E. Y. St.A. and Asemota, H.N. (2004). Implications of amylose content and In vitro digestibility of native Jamaican yam (*Dioscorea sp.*) starches in the formulation of tablets and capsules for diabetics. *West Indian Medical Journal*. 53 (Suppl 1): 43.
- * Riley, C.K., Wheatley, A.O., Hassan, I., **Ahmad, M.H.**, Morrison, Errol Y. St.A. and Asemota, H.N. (2004) *In vitro* digestibility of raw starches extracted from five Yam (*Dioscorea sp.*) grown in Jamaica. *Starch/Starcke* 56 (2): 69-73.
- * Wheatley, A.O, **Ahmad, M.H.** and Asemota, H.N. (2003) Development of salt adaptation in *in vitro* greater yam (*Dioscorea alata*) plantlets. *In Vitro Cell. Dev. Biol. – Plant* 39 (3): 346-353.

This year, with the dedication of our staff, the following ten articles were published as a special issue on Biotechnology in the *Jamaica Journal of Science & Technology*:

- * Asemota, Helen, Felix Omoruyi, Marie McAnuff, Lowell Dilworth, Wayne Harding, Helen Jacobs, Norma Anderson, **Mohammed Ahmad** and Errol Morrison (2003). Analyses of natural products in Jamaican tuber crops: the need for biotechnological exploitation. 14:3-8
- * Brown, V.M.D., Asemota, H.N, Thangavelu, M. and Mantel, S.H. Genetic Variation among Dasheen (*Colocasia sp.*) and Cocoyam (*Xanthosoma sp.*) Grown in Jamaica by PCR Based Analyses 14:67-78
- * Chin, Melaine, Walter Morris, Paula Tennant, Dennis Gonsalves, and **M. H. Ahmad**. 2003. Biological and molecular characterization of papaya ringspot virus isolated from papaya orchards of different locations in Jamaica. 14:58-66.
- * Henry, Odelley L. and **M. H. Ahmad**. (2003). Compost produced by rapid biofermentation: its effect on the growth response of tomato (*Lycopersicon esculentum*) and pumpkin (*Curcubita maxima*). 14:90-97.
- * Mitchell S.A. and **M.H Ahmad**. (2003). An improved micropropagation system of yam (*dioscorea spp.*) for the commercial production of elite planting material. 14:17-39.

- * Mitchell, S.A., M. Millar, and **M.H. Ahmad**. (2003). Neem (*azadirachta indica*) research at the biotechnology center: testing of neem formulations, azadirachtin levels in neem oil and micropropagation of neem plantlets. 14:79-89.
- * Mitchell, S.A. and **M.H. Ahmad**. 2003. Establishment of *ex situ* and *in vitro* germplasm collections of important trees and medicinal plants of Jamaica. 14:9-16.
- * Roye, M.E., S. Brown, J.D. Spence, K. Smith and W.A. McLaughlin (2003). Ten years of molecular biology research on whitefly transmitted geminiviruses from Jamaica: A review. 14:98-118.
- * Wheatley, A.O., G. Osuji, **M.H. Ahmad**, and H.N. Asemota. (2003). Development of salt tolerance in *In vitro* yam (*dioscorea*) Plantlets. 14:46-57.
- * Wheatley, Andrew O., **M. H. Ahmad**, and Helen N. Asemota. (2003). A comparison of the storageability of *in vitro* derived and traditionally produced yam (*dioscorea cayenensis*) tubers. 14:40-45.

PUBLIC SERVICE

Prof. M. H. Ahmad

- Board Member, National Commission on Science and Technology (NCST) and member the National Biosafety Committee of the NCST
- Member, CARICOM Working group on genetically modified organisms (GMOs)

Prof. Helen Asemota

- International Consultant for the Food and Agriculture Organization (FAO) of the United Nations
- Member, Steering Committee for the Development of a Caribbean Food Composition Programme Organized by the Caribbean Food and Nutrition Institute (CFNI) and PAHO.

Dr. Wayne McLaughlin

- Board Member, Scientific Research Council
- Member, National Biosafety Committee (NCST)

Dr. Sylvia Mitchell

- Member, Pharmaceutical Council of Jamaica
- Secretary, Caribbean Herbs Business Association, Jamaica Chapter

Dr. Marcia Roye

- Member, Biodiversity Committee, NEPA

Dr. Paula Tennant

- Board Member, Papaya Growers Association
- Member, National Biosafety Committee (NCST)

Dr. Andrew Wheatley

- Deputy Mayor, Spanish Town
- Vice-Chairman, St. Catherine Parish Council

POSTGRADUATES

The following students commenced research on their M Phil projects at the Biotechnology Centre in September 2003:

- Melessa Brown – Molecular investigation of the TrAP of the cabbage leaf curl virus from Jamaica as a suppressor of gene silencing in *Arabidopsis Thaliana*
- Aneisha Collins - Molecular characterization of the Gemini viruses infecting sida species and *Wissadula amplissima* and *Jatropha gossypifolia* in Jamaica.
- Sheryl Stewart – Molecular characterization of the Gemini viruses infecting *sida* species and *Euphorbia heterophylla* in Jamaica.
- Miss Stacy-Marie Bennett - Molecular Characterisation of citrus viroids in Jamaica
- Mr. Ryan Francis - Citrus shoot tip grafting in grapefruit and tangerines.

THE NATURAL PRODUCTS INSTITUTE

Trevor H Yee, BSc (Hons), PhD UWI, MBA (Hons.) *Nova*
– Executive Director



WORK OF THE INSTITUTE

During the year, the Natural Products Institute received two research grants for the purchase of equipment to strengthen its research activities. Firstly, a research grant of US\$62,000 was awarded by the Environmental Foundation of Jamaica, to the NPI through the Faculty of Pure and Applied Sciences, for a High Performance Liquid Chromatograph.

This state of the art piece of equipment is to be used to separate chemical constituents in natural plant extracts and reaction mixtures. The second major piece of equipment for which a grant was obtained, from an application to the new initiatives program, but eventually financed through UWI's central funding, was a Gas Chromatograph for the separation and identification of volatile chemical constituents, and will be used in the Institute's research in essential oils and nutraceuticals. The value of this grant was US \$35,000. The Institute thanks the donors for these extremely valuable pieces of equipment.

A training session is being planned, when these pieces of equipment are being installed by the manufacturers, for researchers and graduate students who are potential users of these two pieces of equipment.

The Institute is in the process of attempting to widen its earnings by client services, and in this regards has been working with the Spring Plains group to provide a number of services to improve the yields and viability of the operations. A group of farmers, from the Train Line District, nestled between Brown's Town and Alexandria, St. Ann's, with whom the Institute did consultancy work, has also expressed their desire of further consultation services from the Institute, for their farming operations.

RESEARCH IN PROGRESS

Research is continuing in the following areas:

- Investigation into the value addition of a plant, exported as raw material, by means of the extraction, chemical characterization, and development of a commercial process for the extraction of the active ingredients. **Dr. Trevor Yee**, Prof. Helen Jacobs.
- Investigations of a number of plants as potentially new sources of essential oils. **Dr. Trevor Yee**, Dr. Roy Porter.
- Investigations into the development of a number of plants and other sources of dyes and colouring materials. **Dr. Trevor Yee**, **Dr. Rupika Delgoda**, Prof. Helen Jacobs.
- Investigation of a local plant with potential as a nutraceutical. The chemical and physiological profiles of the plant, for the presence of a number of bioactive compounds are being investigated. **Prof. Ajai Mansingh**, **Prof. Ronald Young**, **Dr. Trevor Yee**, **Ms. Arlene Wilson**.
- Testing of natural products as possible targets for the treatment of tuberculosis. **Dr. Rupika Delgoda**, Prof. Edith Sim, Dr. Andrew Munroe, Prof. Helen Jacobs, Prof. Paul Reese.
- The study of drug-herb interactions. **Dr. Rupika Delgoda**, Prof. Gordon Roberts, Prof. Roland Wolfe.
- Drug Metabolism. **Dr. Rupika Delgoda**, Prof. Barrie Hanchard, Dr. Lisa Lindo, Prof. Gordon Roberts.
- Development of botanical pesticides formulations for the management of cruciferous vegetables, coffee, and other economic plants, and ticks of cattle and other animals. **Prof. Ajai Mansingh**, **Dr. Trevor Yee**, **Ms. Arlene Wilson**, Dr. Dwight Robinson.

CLIENT SERVICES

The following client services were initiated/continued.

- Investigations for suitability of marketing of a number of local herbs.
- Testing of a local fruit with reported activity against diarrhoea.

- Development of nutraceuticals from local ethnomedical formulations.
- The use of Chinese traditional herbal medicines in Jamaica.
- The assessment of a natural product formulation for anti-cancer activities.
- Consultation for pesticidal control and preparation of organic fertilizers for a farming complex.

INTERNATIONAL COLLABORATION

A collaborative research grant application to the International Cooperative Biodiversity Groups (ICBG) between the Faculty of Pure and Applied Sciences, UWI and the University of Mississippi, is being coordinated by the NPI.

A Material Transfer Agreement was signed between NPI/UWI and the University of Dundee, Biomedical Research Centre for the transfer of research samples worth approximately US\$ 20,000.

LOCAL COLLABORATION

Investigation of anti-hypertensive properties of a client-formula, “SuperCu”

PUBLICATIONS

Papers/Posters Presented

- * **Wilson, A., Mansingh, A., Yee, T.** and Young, R. (2003). Chemical profiling of Jamaican *Portulaca oleracea* L. by GC-MS and Multi-elemental Analyses, 19th Annual Seminar & Workshop, Malaysian Natural Products Society, October 2003, Kuala Lumpur, Malaysia.
- * Robinson, D.E., Dalip, K.M., **Wilson, A.** and **Mansingh, A.** (2003) Research and development of botanical pesticides in Jamaica. International Society for Sugarcane Technologists Workshop, November, 2003, Montego Bay, Jamaica.

Peer-Reviewed Publications

- * Trevor H. Yee. The Bio-Extraction Industry in Jamaica: Potential and Challenges. In: *Novel Compounds from Natural Products in the New Millennium. Potential and Challenges*. Editors: Benny K. H. Tan, Boon-Huat Bay, Yi-Zhun Zhu. World Scientific Publishing Co. Pte. Ltd., Singapore. 2004, 20-29.
- * Rupika Delgoda. Structural Studies of Drug Metabolising Enzymes and the Relevance to Natural Products Development. *ibid.* 2004, 30-39.
- * Ajai Mansingh. Limitations of Natural Pesticides: A Challenge to Scientists. *ibid.* 2004, 87-106.
- * Arlene Wilson and Ajai Mansingh. Bioactivity of Hexane Extract of *Blighia sapida* Konig. on the Cattle Tick, *Boophilus microplus* and the Sweet Potato Weevil, *Cylas formicarius elegantulus*. *ibid.* 2004, 107-111.
- * Victor Hugo Rhone. Research and Development of Natural Products in Developing Countries: Need for Venture Capital. *ibid.* 2004, 302-311.

PUBLIC/ACADEMIC SERVICE

The Natural Products Institute has donated three of its own publications to the Ministry of Agriculture Library. The publications dealt with the utilization of waste and natural products research.

Dr. Trevor Yee

- Treasurer, International Society for the Development of Natural Products.
- Member, Editorial Board of the *Jamaica Journal of Science and Technology*
- Vice President, Natural History Society of Jamaica
- Member, Advisory Panel for Complimentary Medicine, Ministry of Health
- Member Steering Committee – Towards a National Bioprospecting Programme, National Commission on Science and Technology, Office of the Prime Minister

Dr. Rupika Delgoda

- UWI representative for R&D, the Jamaica Herbal Business Association

Ms. Arlene Wilson

- Member, Steering Committee, Jamaica Young Scientist Forum - facilitated by the National Commission on Science and Technology (NCST)
- Member of Committee for Development of National Plan of Action for Pesticide Management, Pesticide Control Authority
- Member, Plant Health Coordination Committee, Ministry of Agriculture
- Judge for Essay Competition/Science Fair – Institute of Jamaica/Scientific Research Council-Jamaica Public Service Company

Prof. Ajai Mansingh

- Secretary, International Society for the Development of Natural Products
- Secretary (Founding) Jamaica Council for Interfaith Fellowship
- Editorial Board, *Insect Science & Its Application*: a monthly international journal

SUPERVISION OF STUDENTS

Postgraduate

- Two MPhil Students working jointly with the Natural Products Institute and the Department of Chemistry are being supervised by Dr. Trevor Yee, Prof. Helen Jacobs and Dr. Roy Porter
- Two MPhil students are being supervised by Dr. Rupika Delgoda, Prof. Paul Reese, Prof. Barrie Hanchard and Dr. Lisa Lindo

Undergraduate

One final year undergraduate student in the Dept. of Basic Medical Sciences (Biochemistry section) was supervised by Dr. Rupika Delgoda

Three final year students from the University of Technology (UTech) were supervised by Dr. Trevor Yee for their final year research projects.

Dr. Yee lectured in the BSc final year Food Chemistry course at UWI and was a guest lecturer in Mycology to the final year BSc Life Sciences students at UWI.

Drs. Yee, Delgoda, and Sylvia Mitchell coordinated and taught the Herbal and Complimentary Medicine to B.Pharm. final year students at the UTech.

UWI CENTRE FOR ENVIRONMENT & DEVELOPMENT (UWICED)

Professor Al Binger, PhD *Univ of Georgia* – Director

BACKGROUND



The University of the West Indies Centre for Environment & Development (UWICED) was established in 1993 and provides technical assistance to the UWI contributing countries to address the challenges of environmental protection and sustainable development. UWICED works in an integrated manner to help build local, national and regional capacities at the individual and institutional levels and in providing technical assistance (information, resource mobilization, policy guidance, training, and advice), in six key areas of the

1994 Barbados Programme of Action (BPOA) for the sustainable development of small island developing states (SIDS) to support implementation. These are:

- Climate Variability and Change
- Sustainable Energy
- Land, Water and Biodiversity Resources Conservation
- Integrated Waste Management
- Sustainable Tourism
- Integrated Coastal Zone Management

MAIN ACTIVITIES:

PREPARATION FOR MAURITIUS, 2005:

UWICED main activities during the year in review was focused primarily on [capacity development](#) for regional institutions and technical assistance for the participation of the Caribbean SIDS in the United Nations sponsored International Meeting to review progress with the implementation of the BPOA. The meeting is scheduled for Mauritius in January 2005.

UWICED assistance to the region in preparation for Mauritius started in Belize in December 2002, in collaboration with the United Nations Development Programme (UNDP) and the Government of Belize, whose Prime Minister is the CARICOM Cabinet Minister responsible for Environment and Sustainable Development.

Under the programme of work with the UNDP Capacity 2015 project which began in 2002, UWICED in collaboration with the Ministry of Foreign Affairs, Government of Dominica convened a meeting of SIDS experts on the Vulnerability of SIDS and the Role of Trade, Tourism and Civil Society. The meeting developed a number of recommendations on actions that SIDS should consider in order to reduce their growing vulnerability.

In November 2003, in collaboration with the UNDP Country Office and the Ministry of Science, Technology and Environment, the Government of Cuba convened another Meeting of SIDS Experts to assess the state of waste management in SIDS and developed a series of recommendations to inform policy makers in SIDS on how to develop more effective approaches and strategies for waste management to reduce environmental damages.

In December 2003, in collaboration with the University of the South Pacific and the Government of Fiji, and support from the UNDP, UWICED organized another meeting of SIDS Experts. This meeting on Capacity for Sustainable Development reviewed the guiding educational philosophy which has its roots in the colonial history of most SIDS, and generated a series of recommendations for education changes to increase the effectiveness of education investment.

Additionally as part of implementing the programme of work with the UNDP, UWICED provided technical assistance to two of the three regional preparatory meetings.

The first was the Regional Meeting for African and Indian Ocean SIDS, which was held in Cape Verde in August 2003; the Caribbean Regional Meeting held in Trinidad and Tobago in October 2003.

UWICED also provided technical assistance to the Inter-regional Meeting held in The Bahamas in January 2004. UWICED in collaboration with the CARICOM Secretariat provided technical assistance and support to the Caribbean SIDS preparing for the Inter-regional meeting.

In April of 2004, the informal round of negotiations with the donors began at the United Nations in New York. UWICED in collaboration with the Caricom Secretariat provided technical assistance to the SIDS during the first and second round of the informal negotiations which ended in July 2004.

CLIMATE VARIABILITY AND CHANGE:

REGIONAL CLIMATE CHANGE CENTRE:

The Caribbean Community Climate Change Centre (CCCCC) located in Belmopan, Belize, started its second year of operation under an interim Executive Director. The CCCCC was a successful outcome of the first regional climate change project, funded by the World Bank/GEF and implemented by UWICED in partnership with the OAS which ended in 2002. The CCCCC has as its mission to assist the region in addressing the challenges to sustainable development that will result from climate change. UWICED, which represents the University on the Board of Directors, continues to assist the CARICOM Secretariat in the institutional development of the CCCCC.

MAINSTREAMING ADAPTATION TO CLIMATE CHANGE (MACC):

The project will provide funding over the next four years from the World Bank/GEF and other sources, to develop capacity and gather information to identify likely impacts and response strategies for the region from climate change and sea level rise issues. UWICED continues to play its role of Steering Committee member for this project which started in July 2003.

PREPARATION OF REGIONAL CLIMATE CHANGE REPORT:

In partnership with the United Nations Environment Programme (UNEP) and the CARICOM Secretariat, UWICED completed the final draft of the report entitled "Climate Change in the Caribbean". Publication of the report was delayed. It will now be published for the International Meeting to review implementation of the BPOA. The report makes a number of key recommendations on required action to reduce the vulnerability of the Caribbean countries to climate change and sea level rise.

LAND, WATER AND BIODIVERSITY RESOURCES CONSERVATION:

DEVELOPMENT OF CURRICULUM FOR TEACHER TRAINING COLLEGES BIODIVERSITY CONSERVATION:

As part of the MacArthur Foundation project a curriculum for teacher training colleges has been completed. The next steps will be mobilizing resources from the GEF and other sources to assist teacher-training colleagues across the region to begin implementation.

REGIONAL WORKSHOP ON THE LIKELY IMPACT OF CLIMATE CHANGE ON WATER RESOURCES:

In March 2004 UWICED in collaboration with the Mainstreaming Adaptation to Climate Change (MACC) project organized and hosted in Kingston, Jamaica a regional workshop to examine the possible implication on fresh water resources of climate change and sea level rise. Some fourteen participants from across the region attended this Climate Change and Water workshop.

CONSERVATION AND SUSTAINABLE USE OF BIODIVERSITY IN THE CARIBBEAN:

UWICED, under a MacArthur Foundation Grant, implemented a project to define the challenges, build capacity and facilitate the formulation and implementation of regional strategies for the comprehensive development and protection of biological resources, and effective compliance with international environmental treaties. Two reports were finalized: Threats to Biodiversity in the Caribbean; and Uses of Biodiversity in the Caribbean during the year.

**SUSTAINABLE ENERGY :
VISITING PROFESSOR:**

During the period of November 2003 to April 2004 the Director of UWICED was a Visiting Professor at Saga University Institute of Ocean Energy in Saga City, Japan. During the period considerable insight and operational experience was gained in the area of Ocean Energy Thermal Conversion (OTEC). OTEC possesses the potential to provide the vast majority of SIDS with all the energy services required for their development except in the areas of air and marine transport.

This would result in a massive reduction of petroleum imports, lessen the pressure on the national economies to generate significant amounts of foreign exchange to pay for imports, and minimize the adverse impact on national economies in the SIDS of the highly volatile price of oil on the world markets.

During the period valuable contacts were made with Japanese government donor agencies, which can be used in future for technology transfer and

capacity building. The Final report the Potential of OTEC to support sustainable Development of SIDS was presented at the United National Committee of Sustainable Development in April 2004.

CARIBBEAN RENEWABLE ENERGY DEVELOPMENT PROGRAMME (CREDP):

This project supported by the Global Environmental Facility (GEF) through the UNDP was finalized in February 2004, after some three years of negotiations. CREDP is expected to mobilize for the GEF and other sources some US\$ 5 million to support the development of renewable energy project in the region. UWICED who chaired the steering Committee for development of the project continues to serve as a member of the project steering committee.

COGENERATION PROJECT FOR THE UWI AND UHWI:

Discussions continued with the Jamaican Government to implementing this project on a smaller scale for the University hospital.

DEVELOPMENT OF ENERGY EFFICIENCY IN THE CARIBBEAN:

Under the Caribbean Energy Efficiency Project (CEEP) developed with support from the UNDP by a team of regional organizations consisting of CARILEC (Caribbean Electricity Utilities Corporation), OLADE (Latin American Energy Organisation), CEIS (Caribbean Energy Information System) and UWICED, resources were obtained from the Global Environmental Facility (GEF) to develop a programme to be funded by the GEF to undertake activities to identify and remove barriers to energy efficiency in the region.

DEVELOPMENT OF WEB BASED GRADUATE PROGRAMME IN ENERGY MANAGEMENT:

Work continued on the development of the graduate curricula in collaboration with external organizations.

INTEGRATED WASTE MANAGEMENT :

REGIONAL WASTE MANAGEMENT PROJECT:

Through a grant from the Foster-Wheeler Corporation, UWICED has completed the development of a multiple-pronged project designed to assess the current status of wastes, method of disposal and their impacts in

the Caribbean, develop a database on waste management systems and technologies, developing commercial-scale demonstration projects that convert waste to valuable products, and initiate graduate training courses in sustainable waste management for regional practitioners.

DEVELOPMENT OF GRADUATE/PROFESSIONAL TRAINING IN ENVIRONMENTAL MANAGEMENT - WEB-BASED GRADUATE CURRICULUM DEVELOPMENT FOR INTEGRATED WASTE:

Over the past several years, through a Rockefeller Foundation planning grant, and in collaboration with Faculties and the Graduate School, UWICED has worked to help develop a Waste Management specialization programme for inclusion in the Masters in Environmental Management. The graduate programme consisting of sixteen units has been completed as well as six case studies in various aspects of waste management, and is now awaiting approval of the PVC for Research.

STRENGTHENING INSTITUTIONAL CAPACITY:

SIDS UNIVERSITY CONSORTIUM:

The Consortium has its genesis in a SIDS Ministerial Meeting held in Montego Bay, Jamaica in May 2002 organized by UWICED, as part of the preparation for the World Summit for Sustainable Development that was held in Johannesburg, South Africa, August 2002. The Consortium concept was proposed as a means to help address the capacity and research needs within the SIDS which was a major obstacle to implementing sustainable development. Recognizing that the universities in SIDS have limited resources and that individually it would not be feasible to put in place the graduate and research activities necessary to develop the capacity for implementing sustainable development, collaboration among universities was identified as the most feasible approach to addressing the capacity needs.

With support from the UNDP, UWICED during the year coordinated a process that is expected to lead to the formal signing of the Memorandum of Understanding (MOU) establishing the Consortium during the Mauritius meeting. The following universities are expected to sign the MOU: University of the South Pacific; University of the West Indies; University of Mauritius; University of the Virgin Islands; University of Malta; University of Papua New Guinea; University of Belize; and University of Hawaii.

SMALL ISLANDS DEVELOPING STATES INFORMATION NETWORK (SIDSNET):

In partnership with the UNDESA, UWICED started the implementation of a three year (July 2003) project to improve the availability and access to information on sustainable development by the island states of the region.

RESEARCH AND TECHNICAL ASSISTANCE ACTIVITIES IN PROGRESS SUSTAINABLE ENERGY:

Research into the impact of privatisation on the energy sector in five Caribbean Countries was conducted and the report has now been finalized.

STRENGTHENING OF NEGOTIATIONS SKILLS FOR SIDS IN THE CONTEXT OF INTERNATIONAL TREATIES:

With support of the UNDP support research was carried out into the methods employed by SIDS in international negotiations and the levels of success achieved. The follow-up to this report will be a SIDS workshop on Capacity Building for International Negotiations organized by UWICED will take place in Cape Verde, November 2004.

CARIBBEAN ENVIRONMENTAL OUTLOOK FOR THE WIDER CARIBBEAN REGION:

In partnership with UNEP, UWICED completed a regional report on the state of the environment with particular emphasis on marine resources. The purpose of this report is to provide information for policy-makers on the status and vulnerabilities of the marine and coastal areas and present policy options for the Wider Caribbean Region (WCR)

PAPER PRESENTED

Maurice Mason

- “Waste Generation and Disposal, the Environmental Impact”, Whitfield All Age School, 23, February, 2004

PUBLICATIONS

Albert Binger

- * “Natural Resilience” in Our Planet the magazine of the United Nations Environment Programme, Vol 15 No 1, UNEP, pages 24 - 25 full-text:
<http://www.ourplanet.com/imgversn/151/binger.html>

- * “Global Public Goods and Potential Mechanisms for Financing Availability” Fifth Session of the Committee for Development Policy meeting, April 7-11, 2003, UN Department of Social and Economic Affairs (DESA) full-text: http://www.un.org/esa/analysis/devplan/al_binger.pdf
- * Potential and Future Prospects for Ocean Thermal Energy Conversion (OTEC) In Small Islands Developing States (SIDS) Small Islands Developing States Network full-text: <http://www.whoiswho.sidsnet.org/index.cfm?module=Members&page=UserProfileSearchResults&EventIDs=&SearchText=Albert+Binger>

UWI DISTANCE EDUCATION CENTRE (UWIDEC)

**Christine Marrett, BA, MA UWI, DipEd U of Surrey, Dip Mgt Stds,
Dip Mass Comm UWI – Campus Coordinator &
Senior Programme Officer**

WORK OF DEPARTMENT

The importance of distance education as a strategic element for the University of the West Indies was given recognition in the 2002-2007 Strategic Plan. The further development of distance education is however predicated on a proposed reengineering of distance education



and the UWI Distance Education Centre (UWIDEC). During the period under review, even while the plans for the restructuring of distance education were being developed, the work of UWIDEC in supporting the development and delivery of distance education programmes and other activities continued.

UWI welcomed Professor Stewart Marshall in March 2004 as Director UWIDEC replacing Prof. Badri N. Koul who bade farewell in July 2003. Pro Vice Chancellor Lawrence Carrington served as Acting Director during the transition period. Prof. Marshall comes to us from Central Queensland University at a challenging time when Distance Education at UWI is undergoing rapid transformation.

Programmes

BEd. Ed Admin – We experienced difficulties identifying course writers for some courses in this programme. Towards the end of the period under review work began on ED33N, Guidance and Counselling.

BSc Management Studies – Work was completed on MS31B, Management Information Systems II. The matter of the writing of EC14C remained unresolved at the end of the period under review.

Family Medicine – Course development for this programme is almost complete, as one course remains to be produced.

Certificate in Gender and Development Studies – Course development and production for this programme continues.

Outreach I Programmes

- *CFNI Quiz*

The eighth renewal of the Regional Schools Food and Nutrition Quiz hosted by the Caribbean Food and Nutrition Institute (CFNI), took place in October 2003. Ten countries participated with Grenada emerging as the winning team and Antiguan student, Rema Roberts, as the individual champion.

- The Vice Chancellor and the University Registrar continued their use of the teleconferencing network for regular administrative meetings. UWIDEC continued to host regular teleconferences of the Caribbean Council for Family Physicians and the Department of Child Health.

Summer programme

Summer Programme staged with the Faculty of Social Sciences was once again a major success. Students are pressing for further institutionalization of this concept as part of making the learning more flexible and open.

Programme Delivery

Delivery of the usual complement of the undergraduate level certificate and bachelors level programmes from the Faculties of Social Sciences, Education and Humanities and Agriculture, as well as the post-graduate Diploma and Masters programmes continued attended by various challenges.

BSc in Management Studies programme

The delivery of course materials for MS31B was done mainly 'on line', but this often had problems with some sites not being able to open documents nor having adequate capabilities to photocopy large amounts of materials. Meanwhile, the materials were being prepared to be put in the course book format to be ready for September 2004.

Following a late request from the Course Coordinator, MS21C was delivered using a purchased textbook instead of the UWIDEC materials that had been developed and used previously.

EC14C was again without a UWIDEC-produced course package, so textbooks had to be purchased for this course as well, and teaching done entirely face-to-face using local teachers.

BEd Administration programme

The courses ED33A, ED33N, ED30F and ED33B were again without an adequate course package. This led to UWIDEC Mona and other sites being required to photocopy handouts at short notice with the attendant problems associated with this process, and more so as lecturers often passed-in less than legible copies to UWIDEC production/delivery staff.

Delivery of the **Certificate in Gender Studies** progressed quite well, perhaps due to the hard work of the dedicated programme coordinator who oversaw every aspect of its delivery and who worked very closely with Mona's Academic Programme Coordinator, Curriculum Staff and the Technical staff. Most course materials are being prepared for publication in book format.

Teleconference Schedule

Fixed centres with finite capacities continue to pose a problem with the teleconferencing form of delivery. Students are still required to be at a particular location at a given time to access teleconferences. In order to overcome these obstacles **UWIDEC undoubtedly needs to more aggressively pursue asynchronous delivery modalities for the above reasons**

Tutorial Support

It remains a challenge to find qualified tutors to deliver Levels 11 and 111 courses. This is more acute in rural Jamaica.

Library Services

Ms. Evadney McLean continued her tremendous contribution in the area of library support for DE students across the island and the Northern Caribbean. On – site collections have been strengthened, document and book delivery to staff and students have been incorporated. Students are responding favorably to the availability of on-line resources from the library.

Mona Summer workshop for Distance Education Students

The Office of Student services (OSS) at Mona staged its annual Summer Workshop for DE students in July 04. Participants were drawn from centres across the island. The objectives are to enhance the integration of off campus DE into the campus community and to create a broader awareness of facilities and opportunities on the campus. The participants were very encouraged and it is felt that the timing of such an important event should be shifted to attract a greater take up rate and increased participation.

Telecommunications Network

The Telecommunications Network continued to demonstrate robustness and reliability.

Equipment Upgrade

The old Allegro bridge in Port of Spain, Trinidad was replaced by new Polycom MGC-100 in Trinidad and the smaller MGC-25 in Jamaica. The instant benefits of these devices are:

1. Redundancy built into the system in case of failure of either device
2. Increased flexibility to handle a wide range of Media (Audio, Video, streaming Media)
3. Ease of operation with upgraded windows based user interface.

There was also the replacement of point to point low bandwidth leased line with higher bandwidth Frame Relay Telecommunication services. This resulted in vast improvements in the audio quality and Internet Service at each site. The move also allowed for Anguilla and Cayman islands to join the network for the first time. It is now possible for Belize to also join the network. This must be pursued with the Telecommunication Carriers.

The netmeeting data conferencing software has been replaced by a more stable and feature rich bridgit conferencing software from SMART Technologies in the US. This allows for computer screen shots to be shared across the network in real time, thus providing greatly improved and enhanced presentation capabilities.

Replacement of Computers

The planned replacement of PCs network wide has not materialized at the time of writing this report. It is hoped that this will happen in the very near future.

Projects

B.Ed. Secondary Programme

UWIDEC continued to give support to the development and delivery of the B.Ed. Secondary courses. During the period of under review, UWIDEC continued to work on courses for delivery under this project. Work included instructional design, editing, and production of course material in print format.

One-on-one sessions were held, as needed, with new course writers to orient them to writing for distance. In an effort to alleviate the pressure on the teleconferencing system, online interaction was used for some courses using Campus Pipeline. The results of this effort was mixed, as some students and course leaders adapted easily while others did not. Campus Pipeline is not a suitable learning management environment for on-line delivery and as such, other alternatives will be sought.

The number of applicants and resulting number of accepted students in the programme was far below the original projection of 600 per cohort estimated by the Ministry of Education.

The number of students per site per discipline is given in the Table 1 below.

Table 1: No. of accepted students per site per discipline in the B.Ed.

Secondary programme

Subject	Hist	Math	Phy	Chem	Bio	Comp Stud	Geo	Span	Fren	Eng	Total
Cohort											
Site	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2	1 2
B.Town	- 1	- -	- - -	1 -	1	1 -	-	-	-	3 1	3 5
Denbigh	1 3	3 4	1 -	2 -	2 1	2 1	2 2	- 2	- -	4 4	17 17
M'ville	7 3	9 6	2 -	1 2	6 6	5 2	2 5	2 1	- -	4 10	38 35
Mona	6 11	4 23	4 1	3 1	3 7	1 114	7 1 4	- 1	6 22	32	88

MoBay	1	5	1	1	-	-	-	-	1	1	-	1	3	1	3	-	1	-	3	6	13	15
Morant	3	3	2	1	2	-	-	1	4	3	2	1	-	-	-	1	-	-	2	3	15	13
Port Ant	2	1	1	5	-	-	-	-	2	-	1	2	-	-	-	-	-	-	3	1	10	9
Sav	2	2	1	2	-	-	1	-	3	3	2	-	3	1	-	1	-	-	5	3	17	12
Ocho R	3	3	-	3	1	-	-	2	-	-	2	-	2	1	1	2	-	-	8	3	17	14
Vere	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	2	-	3	1
Total	25	32	21	45	10	1	7	7	21	23	16	19	16	17	7	11	1	1	40	53	164	209

Cohort 1=2003-2006 (January start)

Cohort 2=2004-2007 (January start)

The number of applicants for the third cohort beginning in January 2005 is reportedly also lower than anticipated.

The suggestion was made to the Academic Programme Committee meeting of April 2004 that UWI establish the demand for these programmes in the other countries that support the network with a view to extending the programme. Likewise, it was recommended that, should the materials produced for the distance courses be in demand for the same courses taught on campus, the feasibility of reproducing the materials for the campus students be investigated.

OAS Just-In-Time=Lecture (JITL)

UWIDEC continued preparation in the development of CD-ROM courseware, embracing the JITL concept. The emphasis here was to migrate the technology from the proprietary software in use at Carnegie Mellon University to a more open standard based on internet base technologies. Ten CD-ROM courseware packages will form part of the delivery modality for academic year 05/06. The OAS continued their support of this initiative by providing funding for video production equipment and training.

UWI-UNESCO/Japanese Funds in Trust (CUPIDE)

Four major activities under the Caribbean Universities Project for Integrated Distance Education (CUPIDE) for the period under review were: (1) The completion of the two initial consultancies (Information Technology and Human Resource and Programme Needs) and acceptance by the Project Advisory Committee (PAC) of the broad recommendations of both; (2) the inaugural meeting on April 2, 2004 of the Caribbean Association for Distance and Open Learning (CARADOL), which had been facilitated through CUPIDE, (3) consequent on the accepted recommendations of the Consultants, a

complete revision of the project calendar, budget and payment schedule was drafted by the Project Manager, and (4) Terms of Reference for strategic planning consultant(s) were drafted.

The IT consultant, Mr. Ken Sylvester, recommended that the universities further investigate the provisioning of high capacity Internet bandwidth through the E-Links Americas, which was part of the World Bank sponsored initiative, Caribbean Knowledge and Learning Network (CKLN). E-Links Americas offers substantially less expensive high capacity bandwidth than existing commercial providers. The much anticipated high capacity reproduction digital photocopiers did not materialize. This idea was not supported by the consultant in his recommendations on the grounds of cost effectiveness.

The Human Resource and Programme Needs consultant, Mr. Ron Nicholas, brought to light the fact that some of the institutions would need assistance in strategic planning for distance education prior to the development of the programmes.

Proposal for consultation on collaboration in distance education

Arising out of the consultancies undertaken as part of CUPIDE, the Senior Programme Officer drafted a proposal for a consultation on collaboration in distance education among the various tertiary level institutions throughout the Caribbean, which was submitted to CARICOM.

Proposal for hosting the 4th Pan Commonwealth Conference on Open Learning in the Caribbean

UWIDEC has submitted a bid to the Commonwealth of Learning (COL) to host the 4th Pan Commonwealth Conference on Open Learning in 2006 (PCF4).

Intra Jamaica

Space and obsolete computers continue to be the primary concern at these centres. The Browns Town and Ocho Rios centres benefited from infrastructural upgrade to the tune of J\$6M. A total of two classrooms, one teleconference room, two office space, a toilet and kitchenette were installed at Browns Town. The centre is now a dedicated UWI owned and operated facility. Ocho Rios has four small additional rooms for tutorial space.

Ocho Rios

The Ocho Rios Centre is a unique Intra Jamaica site, as it is the only fully staffed university owned and operated facility. All the other centres are embedded in host institutions. As such a more detailed look at its operations follows.

Statistics for the the academic year 2002/2003

PROGRAMME	NUMBER OF STUDENTS	
BSc Management Studies		51
BEd Educational Administration	11	
B.Ed (Secondary)		34

2004 Graduates are as follows:

BSc Management Studies=	13	(3 not yet awarded by the faculty)
1st Class Hons. =	4	
Upper and Lower 2nd =	9	
BEd Educational Administration =	5	(not yet awarded by the faculty)

Training and Orientation

The Academic Programme Coordinator organized and conducted Student Orientation Sessions during August 2003 for all programmes being delivered via UWIDEC. The Director, Student Support Services Coordinator, Technical Manager and technical Staff, Campus and Site Coordinators as well as representatives from relevant Faculties, Libraries and Registries also participated in these activities.

Orientation and training for teaching at a distance, including managing a teleconference, good audio-teleconferencing techniques and various logistics related to distance delivery was also undertaken for new staff involved in the B.Ed Educational Administration and the Certificate in Gender Studies programmes, in January 2004.

Staff

The Senior Programme Officer Ms. Christine Marrett spent her three months study leave collecting data for her doctoral studies. Mr. Orville Beckford acted as Programme Officer during her absence. She relinquished her duties as Campus Coordinator, Mona in April at which

point The Deputy Telecommunications Manager, Mr. Derrick Thompson assumed the responsibility of acting Campus Coordinator. He spent his three months study leave at the Open University in the UK, examining current and future trends in technology used to support the delivery of distance education.

Miss Charmaine McKenzie continued to act for the fourth consecutive year as Curriculum Development Specialist at Mona. Mrs. Paulette Kerr was appointed Temporary Editor at Mona. Miss Pauline Osbourne continues as temporary Production Assistant.

We said goodbye to Ms. Rhona White as Site Coordinator, Mona and welcomed Ms. Annesha Welsh on secondment from Morant Bay to fill the post.

Mr. Brian Walcott was installed as full time technical assistant stationed at Ocho Rios with technical responsibilities for the host site and Browns Town. Mr. Leonard Granston was installed as fulltime technician stationed at Denbigh with responsibilities for Denbigh, Vere and Mandeville.

Howard Smith completed his MSc – Management Information System, Charmaine McKenzie continued her work on MPhil in History, Christine Marrett continued research on her PhD and Derrick Thompson started a Post Graduate Diploma in Business Administration.

Highlights

“Getting to Know Me” by McClenan, V. et alia, Carlong Publishers 2003, received (in 2004) the Book Industry Association of Jamaica’s Award for the Best Primary Textbook.

Christine Marrett - UWI Long Service Award for 21 years service (1982-2003).

Christine Marrett, Vilma McClenan were honored by colleagues at the annual staff retreat in July 04 for years of service to distance education at UWI.

RESEARCH IN PROGRESS

- Faculty participation in distance education at the University of the South Pacific, the University of Swaziland and UWI

- Institutional collaboration in distance education at the tertiary level as an aspect of human resource development in the small, developing countries of the Caribbean

PAPERS PRESENTED

Charmaine McKenzie

- *“Evaluation of Course Delivery at the University of the West Indies: A Case Study”*. Hawaii International Conference on education, January 2004
- *“Implementing Online Aspects of Quality Assurance Procedures at UWIDEC: An Assessment of the Mona Campus’ Experience”* Consultative meeting for Small States of the Caribbean, Cave Hill June 2004

Derrick Thompson

- *“Distance teaching and learning at UWI”* Instructional Development Unit orientation session for Senior Administrative and Academic staff, Mona July 2004.

Howard Smith and Charmaine McKenzie

- *“What of the Future – Distance Learning”*. Tax Administration Services Department February, 2004.

Christine Marrett

- *Enhancing human resource development in the English-speaking Caribbean through collaboration in distance education at the tertiary level: Some initial observations* ACHEA Conference, Jamaica, July 16, 2004

PUBLICATIONS

- * *“Getting to Know My Body”, Getting to Know My Family”, Getting to Know My Home”* and *“Getting to Know My School”* by McClenan, V. et alia; Carlong Publishers, 2003 – 2004.

PUBLIC SERVICE

Christine Marrett

- Treasurer, Jamaican Association of Distance and Open Learning (JADOL),
- Secretary, Proprietors’ Strata Plan 375
- Executive Member, Proprietors’ Strata Plan 65
- Executive Member, St. Hugh’s Past Students’ Association
- Director, St. Hugh’s Past Students’ Foundation
- Member, Association of Caribbean Higher Education Administrators
- Member, Caribbean Association for Distance and Open Learning

Jerome Miller – Vaz

- Member, Association of Caribbean Higher Education Administrators (ACHEA)
- Executive Member, Caribbean Tertiary Level Personnel association
- Member, American College Personnel Association

Derrick Thompson

- Member, Jamaican Association of Distance and Open Learning (JADOL),
- Member, Rotary Club of New Kingston and RI

Charmaine McKenzie

- Member, Distance Education Library Service Committee, Mona Campus
- Member, Board, National Library of Jamaica
- Member, Jamaican Association of Distance and Open Learning (JADOL)
- Member, St Hugh’s High School Past Students’ Association
- Hon. Editor, Jamaican Historical Society Bulletin
- Editor, Grace, Kennedy Foundation Lecture

Vilma McClenan

- Member, Jamaican Council for Adult Education (JACAE) serving on the
- Member, Jamaican Association of Open and Distance Learning (JADOL);
- Member, Caribbean Regional Council for Adult Education (CARCAE);
- Member, Steering Committee of the Early Childhood Environmental Resource Centre of Shortwood Teacher's College.
- Member, Executive Committee and Caribbean Representative on the International Council for Adult Education (ICAE).

Donovan Grant

- Member, Mona Campus' football team.

SCHOOL OF CONTINUING STUDIES

Year ending July 31, 2004



**Professor Lawrence Carrington, BA *Lond-UCWI*, PhD *UWI*
– Director**

Overview

During the academic year 2003-2004, the School of Continuing Studies continued to offer a wide variety of programmes, undertake public education activities, provide technical assistance and implement community and research projects.

Janet Brown, Tutor/Coordinator of Caribbean Child Development Centre retired in January 2004 after over 20 years of service. **Julie Meeks Gardner** joined the School in March 2004 as the new Tutor/Coordinator. Dr. Meeks Gardner brings a new research thrust to the CCDC with a 3-pronged research mandate focusing on violence/aggression and child development, HIV/AIDS and child outcomes and child disabilities.

The Social Welfare Training Centre hosted the board meeting of the International Association of Schools of Social Work (IASSW) in January 2004 and coordinated a seminar to develop a proposal for an accreditation mechanism for the Social Work profession in Jamaica. The proposal will be submitted to the Government of Jamaica through the Jamaican Association of Social Workers.

The Trade Union Education Institute celebrated its 40th Anniversary with a Public Lecture by Mr. Richard Fletcher, Principal Advisor in the Department of Strategic Planning and Budget of the Inter-American Development Bank. The Institute has made a significant contribution to the training of trade unionists regionally and will continue its work with the offer of a Certificate in Labour Studies in the new academic year.

During the academic year, Jamaica Western continued its focus on improving student-centred services and marketing its programmes. The Centre joined with other organizations to coordinate and deliver skills training to residents of depressed communities under the theme “Regenerating Communities”

Gillian Glean-Walker joined the School as Resident Tutor and Head of Jamaica Eastern in May 2004. The Centre organized a promotional showcase to publicize its programme offerings in St. Mary, Portland and St. Thomas with good response from communities in these parishes.

The Office of the Director significantly advanced the administrative structures and programme documentation for the implementation of the associate degree programmes. Access courses in Mathematics and English, developed by the School to strengthen the academic foundation of students, were offered regionally for the first time during the review period. Work was started on upgrading the School's website to make it more visually dynamic and user friendly and on the creation of an electronic newsletter highlighting the activities of the School.

CARIBBEAN CHILD DEVELOPMENT CENTRE (CCDC)

Julie Meeks Gardner, BSc, Dip Nutrition, PhD UWI
– Tutor/Coordinator

WORK OF THE DEPARTMENT



The academic year 2003/2004 was a milestone one for the Centre. After over 20 years at the CCDC, Tutor/Coordinator, Mrs. Janet Brown retired on January 31, 2004. Mrs. Brown first joined the staff of the CCDC as Social Worker in 1981 during which time she designed and implemented demonstration projects, and assisted with parenting education training, curricula development and research. She assumed the post of Tutor/Coordinator in 1985 and continued in that post until her retirement. Mrs. Brown was presented with a special award by

UNICEF Jamaica for outstanding service on the occasion of her retirement in October 2003.

Dr. Julie Meeks Gardner was appointed as the new Tutor/ Coordinator, and took up duties in March 2004. Dr. Meeks Gardner was previously Senior Lecturer in the Epidemiology Research Unit of the Tropical Medicine Research Institute, UWI. She comes to the CCDC with plans to support the ongoing work in regional capacity building in early childhood and qualitative research, as well as to strengthen the quantitative research and training functions of the centre.

A new research thrust is being developed for the CCDC with a proposed 3-pronged research mandate focusing on violence/ aggression and child development, HIV/AIDS and child outcomes and child disabilities.

Public Education & Outreach

Parenting Partners continues to use facilities at the CCDC and to collaborate with CCDC staff. A new initiative, the **Regional Radio Project (RRP)** was designed to increase the use of radio in broadcasting messages for improved parenting practices throughout the region. The RRP commenced in January 2004 and will continue for 18 months.

The monthly lunch-time discussions on current child and family research organised by CCDC, the Friday Forum on Child Development and Parenting series continued during this year. There were five presentations during the reporting period.

UNESCO and the Child Focus II Project supported Regional Teleconferences using UWIDEC with early childhood/parenting colleagues. Three teleconferences were held over the period August 2003 to July 2004. These teleconferences remain integral to the regional work of CCDC in capacity building in early childhood development (ECD), serving as platforms for feedback on proposed project activities, planning mechanisms for regional events/ workshops and opportunities for discussion of topics of regional relevance to ECD colleagues.

The Child Focus II Project Regional workshop on Learning Goals and Outcomes in Early Childhood was held in Bridgetown, Barbados, March 10-13, 2004. Two officials representing each of 18 CARICOM Governments participated. The workshop programme was conceived and facilitated by Sian Williams, Project Technical Director and Leon Charles, Development Consultant. Outcomes include the groundbreaking Regional Framework for Learning Outcomes for Children from Birth to Three Years of Age with national plans of action for early childhood curriculum development in 18 countries.

Institutional Cooperation

A UNESCO funded project to assess the needs of HIV/AIDS affected children was carried out in western Jamaica, and concluded in October 2003. This project was conducted in collaboration with the School of Continuing Studies Centre in Western Jamaica and UWIHARP. This project was the first look at the problem of HIV/AIDS in the development of affected children in Jamaica, and the reports were widely circulated. A research seminar to present these findings and other non-medical findings connected with children and HIV/AIDS is planned for late 2004 so that research priorities in the area of HIV/AIDS and child

development can be determined prior to the development of the proposed research programme in this area.

Janet Brown, Sian Williams and Julie Meeks Gardner are members of the Children's Issues Coalition, (ChIC). The Coalition continued work on the publication of Volumes 2 & 3 of its annual journal, *Caribbean Childhoods*, supported by a grant from UNICEF and the development of a database of research on children's issues with a grant from the Environmental Foundation of Jamaica. Volume 1 of the Journal, which focused on Early Childhood Issues, was formally launched on October 6, 2003 at a function at the CCDC which was attended by over 100 persons.

Research and Technical Assistance.

The IDB funded Child Focus II Project which started in November 2001, was concluded in June 2004. This project sought to increase public awareness and mobilize national commitment for ECD throughout the Caribbean. The project generated informed dialogue on key areas of public policy issues, based on the experiences and action-research in the priority countries and strengthened a professional network of regional and national associations dedicated to supporting ECD. At the request of the Caribbean Development Bank (CDB), a proposal for a new project to focus on similar issues in non-IDB sponsored Caribbean countries was developed by CCDC and submitted to the CDB for review.

Julie Meeks Gardner continued her research on Aggression and Violence in Jamaican Children, started while at the TMRI. The pilot project on interventions to reduce aggressive behaviour among school children is ongoing, and future projects being planned include the assessment of behavioural interventions among basic school children and nutritional interventions among young offenders. The project is funded by CHASE Foundation (J\$3,548,000) and Caribbean Health Research Council (US\$20,000) with assistance from the British Council (Jamaica).

PAPERS PRESENTED

Brown, Janet

- "Changing Gender Roles and Implications for Parenting and The Parenting Partners Project", Regional Parenting Symposium, Caribbean Support Initiative/Bernard van Leer Foundation, St. Maarten, October 15-19, 2003

- “ASHE’s approach to Gender Equity”, Videotape and presentation, Involving Men in Issues of Reproductive Health, International Gender Working Group, Washington DC, September 15-18, 2003

Meeks Gardner, Julie

- “Persistence of Aggression among Jamaican Youth”, 49th Annual Scientific Meeting of the Caribbean Health Research Council, St George’s, Grenada, April 21-23, 2004

Williams, Sian

- “Contributions to Children’s Rights in the Caribbean. The Role of the University of the West Indies 1999-2003”, Children’s Rights Universities Network, University of Ghent, December 9, 2003
- “The environments and resources that support learning outcomes”, Child Focus II Project Regional Workshop on Learning Goals and Outcomes in Early Childhood, Barbados, March 10-13, 2004

PUBLICATIONS

Refereed

- * **Brown, Janet**, and Barker, Gary “Global diversity and trends in patterns of Fatherhood” in “Supporting Fathers, Contributions from the International Fatherhood Summit 2003” Lemieux, D. (ed.) in *Early Childhood Development: Practice and Reflections* Vol 20 April 2004 Bernard van Leer Foundation
- * **Williams, Sian, Brown, Janet**, Ramsay, Hope and Bhardwaj, Sanjana, “Young children, a neglected group in the HIV Epidemic: Perspectives from Jamaica” *Caribbean Quarterly*, Vol.50:1, 2004, pp.39-53

Reports

- * **Brown, Janet, Williams, Sian**, Ramsay, Hope and Bhardwaj, Sanjana, *Report on a needs assessment of children affected by HIV/AIDS in the parish of St. James, Jamaica*, UNESCO Caribbean Office, 2004

- * Charles, Leon **Williams, Sian.** *Report of the workshop to develop a regional framework for learning outcomes and goals in early childhood*, Child Focus II Project/IDB May 2004
- * **Williams, Sian,** Morrison, Kevin and Watson-Campbell, Pauline, *A model for financing and investment in early childhood development in the Caribbean*, Child Focus II Project/ IDB, 2004
- * Williams, Sian *Report of the national survey of quality of learning environments in early childhood centres in the Commonwealth of the Bahamas*, Child Focus II Project/IADB, 2004

Departmental Publications

- * CCDC produces an 8-12 page newsletter, Caribbean LINK on Early Childhood Development that summarises for the wider region the content of each regional teleconference, adding other regional and national ECD news. Two issues were produced during this reporting period, and are available on the ECD website.

PUBLIC SERVICE

Janet Brown

- Member, Integration Advisory Committee: Government and NGO task force on ECD
- Member, Coordinating Committee for National Plan of Action for Children
- Member, Early Childhood Education Fund
- Member, Steering Committee for the MOEYC Enhancing Basic Schools Project
- Member, Steering Committee for IDB-funded consultancy project with PIOJ on financing the early childhood sector.
- Member, Inter-Institutional Steering Committee of the Profiles Project
- Chair, Public Education Sub-committee & Commissioner, Early Childhood Commission

- Treasurer, Parenting Partners

Julie Meeks Gardner

- Secretary, Malnourished Children’s Foundation
- Chairman, National Food and Nutrition Coordinating Committee
- Member, Technical Advisory Committee, PIOJ Research Policy Agenda Committee
- Member, Early Childhood Commission Research and Data Management Subcommittee
- Member, Childwatch International Research Network
- Member, Consultative Group on Early Childhood Education, Care and Development

Sian Williams

- Member, Childwatch International
- Member, Children’s Rights Universities Network, University of Ghent
- Chair, Early Childhood Lead Group, NCTVET
- Regional Representative for the Caribbean, Consultative Group on Early Childhood Care and Development
- UWI Representative, CARICOM: Early Childhood Development Working Group
- Member, National Steering Committee, International Programme for the Elimination of Child Labour

SOCIAL WELFARE TRAINING CENTRE

**Lincoln Williams, BA *East Anglia*, PGCE, MA *Lond*,
Dip. in Youth & Community Work *Thames* – Tutor/Coordinator**



WORK OF THE DEPARTMENT

The Centre continued to offer its two main courses, the Regional Four Month Course in the Principles and Practice of Social Work and the Certificate in Social Service (CSS). Fifty-six of the fifty-seven students, who started the Four Month course, successfully completed the course and there was an 85% pass rate in the CSS.

After extensive discussion with the Commonwealth Youth Programme (CYP) following the pilot offer of the Diploma in Youth and Development Studies, a new offering of the Diploma commenced in June 2004.

The SWTC continued to make a valuable contribution to the development of the social work profession and the discipline of social work in the Caribbean. In addition to being the organisational base for the Association of Caribbean Social Work Educators (ACSWE), the Centre hosted the Board Meeting of the International Association of Schools of Social Work (IASSW) in January 2004. The Tutor/Coordinator continued to play an active role on the Board of IASSW.

The Centre in collaboration with the Department of Sociology, Psychology & Social Work coordinated the publication of the third volume of the *Caribbean Journal of Social Work*.

The development of the Centre continued to be hampered by lack of investment in its infrastructure and the need for a full-time programme development officer. Numerous discussions have taken place on the importance and the urgency for substantive repairs to be undertaken but to date the bulk of the work has not been done. The Centre's roof is in dire need of repair. The failure to undertake maintenance and preventative

work will not only impact negatively on the development of the Centre but it will also entail the University in greater expenditure in the future.

A special naming ceremony was organized on June 17, 2004, by the Centre to formally open the **Sybil Francis Seminar Room**. Mrs. Francis was the first Staff Tutor of the SWTC and made a significant contribution to the development of social work regionally. The ceremony was chaired by Professor Lawrence Carrington, Pro Vice Chancellor and Director, School of Continuing Studies and the keynote address was given by Professor the Hon. Rex Nettleford, Vice-Chancellor, UWI. Mrs. Francis was present and unveiled the plaque in her honour.

Continuing Education

The CSS began as a one year two semester programme for full-time students and has expanded to accommodate part-time students who need to update their skills and knowledge in social work, theory and practice but who also need concurrently to sustain their livelihood. Social agencies which continue to support participation of employees in training at SWTC include: the Ministry of Labour and Social Security, the Constabulary Force, the Ministry of Education, the Ministry of Health, the Ministry of Transport and Works, the Social Development Commission, Mustard Seed Community, church groups and community organizations.

The Regional Four Month Course in the Principles and Practice of Social Work continued with a student body of 57 persons from four Caribbean countries, Antigua, Jamaica, St. Kitts & Nevis and St. Vincent and the Grenadines.

The Diploma in Youth and Development Studies started in June 2004 with approximately 198 candidates from 12 participating countries. Country Coordinators were appointed by the Ministry/Department of Youth in participating countries to coordinate all activities relating to the delivery of the programme at the national level and a Course Coordinator was appointed at SWTC to assist the Course Director in the effective delivery of the programme.

Public Education & Outreach

In January 2004, the Centre coordinated a workshop with the International Association of Schools of Social Work (IASSW) on

Developing an Accreditation Mechanism for the Social Work Profession in Jamaica. Faculty from SWTC, the Department of Sociology, Psychology & Social Work and social work practitioners participated. A proposal for an accreditation mechanism for the social work profession in Jamaica will be submitted to the Government of Jamaica through the Jamaican Association of Social Workers.

Institutional Cooperation

The Centre worked extremely closely with the Department of Sociology, Psychology & Social Work in the delivery of programmes and in mounting seminars on social work issues. The units jointly edit and publish the *Caribbean Journal of Social Work*. SWTC also worked closely with colleagues in the Social Work Units on the Cave Hill and St. Augustine campuses in editing the Journal and in servicing the Association of Caribbean Social Work Educators.

PAPER PRESENTED

Williams, Lincoln

- “Critical Issues in the Development of Caribbean Social Work Education”, International Association of Schools of Social Work Seminar, University of Tallinn, August 19, 2003, 37 pages.

PUBLICATIONS

Refereed

- * **Williams, L.O.** and Maxwell, J. (eds.) *The Caribbean Journal of Social Work*, University of the West Indies, Mona, Kingston 7, Vol. 3, July, 2004.

PUBLIC SERVICE

Lincoln Williams

- Member, Youth Policy Steering Committee, National Youth Development Centre/National Youth Service
- Member, Organizing Committee, UWI Golf Classic
- Co-Chairman, Jamaica Golf Association

TRADE UNION EDUCATION INSTITUTE

Marva A. Phillips, MSc *Johns Hopkins* – Tutor/Coordinator



WORK OF THE DEPARTMENT

During the review period the TUEI celebrated its 40th Anniversary. The Trade Union Education Institute is the outcome of recommendations of two major conferences of international scholars held in 1959. The recommendations were taken under consideration by Hugh Shearer of the BITU and supported by his colleagues Michael Manley of the NWU and Hopeton Caven of the TUC.

Further support for the recommendations was given by Hector Wynter and George Eaton of the UWI. In 1963 the Trade Union Education Institute was established on the UWI, Mona campus as a specialist unit in the then Department of Extra Mural Studies.

The main event of the 40th Anniversary celebration was a Public Lecture given by **Mr. Richard Fletcher**, Principal Advisor in the Department of Strategic Planning and Budget of the Inter-American Development Bank on January 21, 2004. The occasion was chaired by the Director of the School, Pro Vice Chancellor Prof. Lawrence Carrington. Other speakers were Deputy Principal, Mona Campus, Mr. Joseph Pereira, Prof. George Eaton, Emeritus Professor, York University and Dr. Phyllis Macpherson Russell, Chairperson of the TUEI Advisory Committee.

Prof. Nettleford, Vice Chancellor was unavoidably absent. His message however, was a reminder of the foresight and insight of the founding unions who displayed great intelligence by locating the TUEI in the UWI. He also paid tribute to union women and congratulated them on their contribution to the Movement. The report on the Institute's activities over the 40 years was presented by the Tutor/Coordinator in Labour Education, Ms Marva A. Phillips.

Mr. Fletcher's focus was the issue of globalisation. Of major significance was the information he provided on workers' remittances. Mr. Fletcher

noted that “remittances is a phenomena which deserves special attention at this time and that its growth is spectacular – between 1995 and 2002 the flows to Latin America doubled, with Jamaica now having the distinction of being the highest per capita receiver of remittances in the region”. Mr. Fletcher’s concern was the extent to which Jamaicans understood the reasons behind these flows and if their growth would continue to be rapid.

The TUEI acknowledges with thanks the Hugh Lawson Shearer Foundation through Dr. Denise Eldemire-Shearer for the financial contribution made to the Institute’s 40th Anniversary Lecture.

The Vice Chancellor, a former Director of the School and Director of Studies of the TUEI, hosted a breakfast organised by the TUEI in December 2003 for the founding unions of the Institute at the Vice Chancellor’s residence as part of the anniversary activities.

The Tutor/Coordinator took study leave in May 2004. During which time she attended the following meetings:

- School of Continuing Studies Country Conference, Cayman Islands, May 2004
- UWI alternative representative to the PROMALCO Meetings in Trinidad, May, 2004
- International Labour Conference in Geneva, June, 2004

Ms Phillips also attended the Caribbean Heads of Labour Colleges Meeting in Barbados in August 2003 as the TUEI representative.

Continuing Education

The Certificate in Labour Studies developed by the TUEI was approved by the Board for Undergraduate Studies during the review period. The programme will begin in the next academic year and will be offered regionally on a phased basis. The Institute held discussions with Trade Unions and Labour Colleges throughout the region with respect to the offer of the programme.

Public Education & Outreach

In October 2003, the Tutor/Coordinator was invited, on the recommendation of Prof. Gordon Shirley, to attend, as an observer, a

workshop on Industrial Relations being conducted by the Guyana Agricultural and General Workers' Union (GAWU) at the union's headquarters in Georgetown, Guyana.

The TUEI conducted a workshop in May 2004 for Trade Unionists entitled "Industrial Relations in the New Jamaican Workplace". There were 37 participants; 9 women and 28 men representing 8 trade unions. Presenters were:

Professor Neville Ying, Mona School of Business

Dr. Noel Cowell, Department of Management Studies, UWI, Mona

Dr. Orville Taylor, Department of Sociology, Psychology & Social Work, UWI, Mona

PUBLIC SERVICE

Marva Phillips

- Council Member, Jamaica Confederation of Trade Unions (JCTU)
- Chair, JCTU Women's Committee
- Member, Permanent Salaries Review Board - Ministry of Finance
- Member CCL Women's Committee
- Caribbean Representative, Caribbean Congress of Labour (CCL) to Regional Inter-American Workers Association (COMUT, Titular)
- JCTU's Representative, ICFTU/ORIT Continental Congress, Washington D.C.
- CCL's Alternate Representative, ICFTU Women's Committee

EASTERN JAMAICA Camp Road

**Gillian Glean-Walker, BA, MBA, Dip Ed, Dip Mgmt Stds *UWI*
– Resident Tutor & Head**

WORK OF THE DEPARTMENT



Mrs. Gillian Glean-Walker joined the Department as Resident Tutor and Head Jamaica Eastern in May 2004. Mrs. Cheryl Sloley who had acted in that position returned to her substantive post as Administrative Officer in the Office of the Director.

During the review period, Jamaica Eastern launched a promotional showcase to publicize its programmes. The primary objectives of this initiative were as follows:

- To advertise and promote the School, its programmes and the educational needs to which it caters in the communities of Portland, St. Mary, and St. Thomas.
- To encourage citizens to participate in lifelong learning
- To obtain information on the feasibility of establishing a satellite centre at a central location serving these parishes.
- To gather information on the type of courses that individuals would be interested in pursuing.

The response from communities in the targeted parishes has been satisfactory with interest indicated in almost all of the Centre's programmes.

The Centre upgraded its IT facilities and embarked on the development of an IT Research Centre. This new facility was equipped with 10 state of the art computers with full internet access, printing and scanning facilities. The IT Research Centre will be fully operational in time for on-line registration of the associate degree students in August 2004. Upgrading of the physical infrastructure and landscaping of the grounds continued.

Continuing Education

The Centre continued to offer a range of credit and non-credit programmes in Business & Administrative Studies, Computer Studies, Health & Human Services and Pre-University Access courses including 'A' Level and CXC preparation programmes.

Institutional Collaboration

Jamaica Eastern collaborated with the Archives and Records Management Department, UWI, Mona to offer a certificate programme in Records Management beginning in July 2004. The course is a comprehensive professional programme consisting of 4 courses offered over 2 summer sessions in 2004 and 2005. Of the 26 students registered for the course, the majority came from the public sector and included individuals who have considerable experience in the field of records management.

WESTERN JAMAICA Montego Bay

Vilma Clarke, BA UWI, MBA, *Nova* – Resident Tutor & Head

WORK OF THE DEPARTMENT



The Resident Tutor, Ms Vilma Clarke resumed duties in September 2003 after completing a Master of Arts in Lifelong Learning at the University of Leeds and Dr. Judith Soares, the acting Resident Tutor, returned to her substantive post as Tutor/Coordinator, WAND in Barbados.

The 2003/2004 academic year was a challenging one for the School in Jamaica Western. The School continued to experience straitened financial circumstances. This meant that major improvements in the provision of equipment and furniture were not undertaken. Shortage of classroom space also increased the difficulty of scheduling classes between the School of Continuing Studies and Distance Education operations. As the number of students studying by distance education increases, the need for more classroom space and equipment to facilitate efficient and effective delivery of programmes, becomes greater.

The major focus during the period was on improving customer service and customer care. However, in recognition of the very competitive environment in Western Jamaica, another area of emphasis was that of marketing the Centre's products in a new way. The focus was on differentiating our programmes under the theme of – *Nontraditional routes of entry* – into the University of the West Indies. For the first time, the Centre's offerings were promoted on local cable network and the practice of sending out marketing representatives to businesses, other institutions and the general public in and around Montego Bay continued and was expanded to other areas of Western Jamaica, including Negril, Falmouth and its environs and extending into Ocho Rios in St Ann.

Throughout the year the quality assurance measures that were put in place to ensure greater efficiency in student management were monitored and maintained. A student data base system was developed to improve on the

manual operations and speed up the response time to students' request for information; the new system will be implemented in the coming academic year.

Competition continued to be a major concern as other institutions consolidated their hold in Western Jamaica. There is the perception that these institutions are more innovative and flexible than the University of the West Indies. The presence of other institutions offering similar products, means that the School has to work much harder to attract new students.

Continuing Education

Despite competition, for the period under review, the improvement in registrations and enrolment for programme offerings continued. Courses which continued to attract reasonable enrolment were Social Work, Early Childhood Education, Business Management and Supervisory Management. The table below provides enrolment figures for each programme.

Programme Enrolment

Programme	Student Status						Grand Totals
	New			Continuing			
	M	F	T	M	F	T	
Business Management	6	7	13	7	15	22	35
Conversational French	2	5	7				7
Conversational Spanish	3	6	9				9
Early Childhood Education	1	11	12	0	3	3	15
Fundamentals of English 12 wks	1	5	6				6
Introduction to Computers	4	13	17				17
Maths: A Gentle Introduction	4	4	8				8
Microsoft Office	1	7	8				8
Principles & Techniques of Counselling	3	8	11		1	1	12
Public Speaking	2	3	5				5
Social Work	6	33	39	5	19	24	63
Supervisory Management	27	37	64	5	19	24	88
Supervisory Management 10 weeks	10	20	30				30
Totals	73	165	238	15	51	64	303

Public Education & Outreach

In October 2003, Western Jamaica experienced one of the worst periods of unrest in recent history, resulting in roadblocks and clashes between the security forces and residents of several inner city communities. The ensuing battle between the two groups resulted in the deaths of several young men and brought into sharp focus the correlation between crime, violence and poor economic conditions and the need to find solutions for the issues relating to the employment and development of the youth in our society.

In the aftermath of these violent clashes the School joined in the community efforts to create change and provide hope for the members of these communities. The Centre, in collaboration with Faith Temple Assembly of God, organized and coordinated two phases of an outreach project, **‘Regenerating Communities’**, empowerment through skills training for personal development and employment. Residents of Canterbury and Flankers participated in Phase I which was sponsored by the Women and Development Unit (WAND), SCS, Western Jamaica, Faith Temple Assembly of God, Bert’s Auto Parts, Kingston and Lloyd’s of Montego Bay. In Phase I, the students participated in Small Business Management and Introduction to Computers. Thirty students completed their programme of study, receiving either a certificate of merit or attendance from the School. In Phase II of the project, the participants were offered courses in Customer Service and Telephone Techniques and Introduction to Computers. Forty Three persons completed Phase II which was partly sponsored by the Jamaica Public Service. For this phase, the reach of the programme was extended to participants from Rose Heights, Paradise Row, Albion Lane as well as Canterbury and Flankers, all areas of major concern to the city of Montego Bay.

The Centre continued to support and work in collaboration with the HFLE-HIV community project, Promoting Healthy Life Styles in Western Jamaica.

The Resident Tutor continued to participate in the Community Literacy Programme as well as to teach Basic English at Faith Temple Assembly of God Ministries.

PUBLIC SERVICE

Vilma Clarke

— Member, Montego Bay Chamber of Commerce

- Member, Association of Caribbean Higher Education Administrators (ACHEA)
- Member, Jamaica Adult Literacy (JAMAL)
- Member, Jamaica Association for Distance and Open Learning (JADOL)
- Member, Montego Bay Community College Scholarship Committee.
- Member, International Third World Leaders Association (ITWLA)
- Member, American Society for Training and Development (ASTD)
- Member, Greater Montego Bay Re-Development Company (GMRC)