

- Honourable Treasurer and Executive Committee Member, School Section, LIAJA.

Sandra Stubbs

- Chairperson, Membership and Conditions of Service Working Party, LIAJA

**FACULTY OF
ARTS & EDUCATION
MONA**

**Year
31, 2001**



ending July



Inauguration of Sculpture "Heaven and Earth" by Basil Watson (Arts Quadrangle)



Kingston Comprehensive Drummers perform at Faculty Awards Ceremony under "Culture inna de Courtyard" series.

DEAN'S OVERVIEW

INTRODUCTION

The Faculty started the year with a most welcome refurbishing of lecture rooms, especially new seating, thanks to a WIGUT/Management Agreement. We also enjoyed the completion of the first phase of a major landscaping of the Faculty, including the creation of a courtyard space, to be used as a site for cultural activities, and funded by income-generating activity of the Faculty.

Additionally, 450 sq. ft. of new class-rooms and staff office space were constructed as well as a building to house a computer-based Writing Laboratory.

Activities were enhanced by the installation of a sculpture, **“Heaven and Earth”** by Basil Watson which had been donated to UWI by Mutual Life and installed through the efforts of Mr. Karl Craig. Another sculpture was commissioned from Denise Forbes in efforts to create a sculpture garden.

Use of Information and Communication Technology

The main development in the Faculty over the past year could be said to be the strengthening of our information technology capabilities largely through the Campus IT Initiative. Not only were additional computers provided, especially to fully re-equip the teaching laboratory for Education IT, but also Departments began in modest ways to utilize the new facilities and technologies for direct teaching, for discussion sessions and for information dissemination through web-sites. Four on-line courses in the Masters in Education were delivered by the Institute of Education, while Library and Information Studies created electronic discussion groups to enhance the teaching/learning process. The coming year should see further consolidation of these initiatives, including the commissioning of the new 30-station Writing Laboratory for strengthening the language communication skills of our undergraduates. We also benefited from the appointment of a full-time Computer Technology officer for the Faculty, who sees to the functioning and development of all computer-related activities.

Through the support of the Principal's Office, Radio Mona was revitalized and began transmission in its new commercial phase in May, 2001.

STUDENT CENTREDNESS

Quality of Academic Programmes

Quality Assurance Reviews were conducted of our offerings in Media and Communications (CARIMAC) and Theology (UTCWI and St. Michael's). Both indicated general satisfaction with the overall quality and coverage of our programmes in these areas, and made recommendations for improvements and strengthening. CARIMAC is already implementing some, including closer collaboration with the media and communication industries. Theology is being encouraged to conduct a full curriculum review and review its course assessment methods to reduce a tendency to over-examine.

Curriculum

Education conducted a full curriculum review resulting in revision, addition and removal of courses, including in Maths, Science, Language Arts and Foreign Languages.

The recently-introduced area of Cultural Studies added four new undergraduate courses to complement its postgraduate programme:

- Introduction to Caribbean Cultural Studies
- The Culture of Rastafari
- Caribbean Films and their Fictions
- African Religious Retentions in the Caribbean

These are being delivered by part-time staff, and the area will need a full-time appointment for further development.

Support was given to students for various field/immersion experiences with a focus on language as follows:

Students of **Business French** went on a work-study stay in Guadeloupe. Students of **French Creole** also visited Guadeloupe for an educational stay. **Linguistics** students made a brief field visit to different language communities of Guyana and many of our **Spanish** students spent six weeks in Colombia under our UWI/Colombia exchange programme. We also supported a cross-campus French and Spanish Drama Festival, where Mona students won the Best Actress Awards in both languages. The Embassy of Japan also supported the first Japanese Speech Competition in the Faculty, reflecting the work of the two Japanese volunteer tutors among our undergraduates.

The Dean's Award for Excellence was awarded to the following students for topping their respective years:

Year 1	Priscilla Gordon
Year 2	Suzanne Hibbert-Mulu
Year 3	Marlon Noel

Graduates

- Otelemate Harry received the Most Outstanding Graduate Student Award 2000 at Mona for his doctoral thesis in Linguistics.
- Wendy Grant, MPhil student in French, went as Foreign Assistant for the year to the University of Bordeaux III under a new collaborative Agreement between that University and UWI.
- CARIMAC Alumni formed an Association with the aim of supporting the work of that Institute in various ways.

The Diploma in Education was re-classified as a fully postgraduate programme.

INTELLECTUAL ENRICHMENT

Conferences and Symposia

- To mark its 25th Anniversary, CARIMAC hosted a well-focussed International Symposium in October, 2000 on “Interests, Values and Identity: Caribbean Communication in the Digital Age”, with Stuart Hall as the main speaker.
- As a culmination to the JBTE/University of Alberta Research Development Programme, a Symposium was held in May 2001 on “Leadership in Education”. A very successful National Conference of Teachers of Mathematics was also co-sponsored by the Faculty via the Department of Educational Studies whose Maths specialists have been mounting a Maths outreach and promotion strategy that has brought Mathematics to the wider public attention through media exposure.
- The Social History Project also hosted another Symposium on Social History in April 2001.

Among the many public lectures and activities were:

- the 8th Forum on Education, dealing with the topic “Confronting the Culture of Cruelty”.
- the 17th Annual Elsa Goveia Lecture, delivered by Prof. James Walvin, noted historian of the Caribbean.
- the 4th Annual Bob Marley Lecture, sponsored by the Reggae Studies Unit and delivered by Dr. Carolyn Cooper on “More Fire: Chanting Down Babylon from Bob Marley to Capleton”.
- the Second Annual Walter Rodney Lecture, hosted by the Institute of Caribbean Studies, entitled “We Learn but we do not Change”, delivered by Ms. Antoinette Haughton-Cardenas.
- Outstanding Jamaican novelist, Colin Channer, giving readings from his works and a workshop on writing.
- The Department of Literatures in English’s literary tribute to Derek Walcott and Kamau Brathwaite in celebration of their seventieth birthdays.
- The Reggae Studies Unit’s successful “Lecture 2000” series, including presentations by Mutabaruka, David Katz and Derrick Harriott.

RESEARCH AND PUBLICATIONS

Members of the Faculty continued to publish their research work through Conferences and articles in scholarly journals and books. Among the publications in the year were:

- * **The Land we Live in: Jamaica in 1890.** Brian Moore and Michelle Johnson (eds), Social History Project, 2000.
- * **Squalid Kingston, 1890-1920.** Brian Moore and Michelle Johnson (eds), Social History Project, 2000.
- * **Crime and Punishment in Jamaica: A Quantitative Analysis of the Assize Court Records 1756-1856.** Jonathan Dalby. Social History Project, 2000.
- * **Britain's Sterling Colonial Policy and Decolonization 1939-1958.** Allister Hinds. Greenwood Press, 2001.
- * **Inside Jamaican Schools.** Hyacinth Evans. UWI Press, 2000.
- * **Due Respect** (*Essays in honour of Robert LePage*). Pauline Christie (ed) UWI Press, 2001.

- * **Essentials of Science Education.** Y. Beaumont-Walters; S. McCulloch; B. McKenzie-Briscoe; K. Soyibo. JBTE, 2000.
- * **It was the Singing.** Edward Baugh. Sandberry Press, 2001.

In addition, staff produced issues of

- * **The Caribbean Journal of Education**, (V. 22)
- * **The Institute of Education Annual**, (V. 2)
- * **The Journal of West Indian Literature**, (V. 9, No. 1)

and published two public lectures:

- * **Reggae and our National Identity: the Forgotten Contribution of Peter Tosh.** Omar Davies. *Third Bob Marley Lecture.* Reggae Studies Unit, 2001.
- * **"None but ourselves..."**. Richard Small. *Inaugural Walter Rodney Lecture.* ICS/CQ, 2001.

SERVICE TO THE COMMUNITY

Among the many activities in which staff gave service to their professions and the community, were service on CXC and CAPE examination panels, literary juries, the Boards of a range of public and education entities etc. Of particular note were:

- Prof Errol Miller, Chairman of the Electoral Advisory Committee
- Dr. Hopeton Dunn, Board Chairman, Creative Production and Training Centre

STAFFING LANDMARKS

- In commemoration of the pioneer work of the late **Professor Douglas Hall**, the University approved the establishment of the Douglas Hall Chair in History, and **Professor Patrick Bryan**, former student of Douglas Hall, was named first holder of the Chair.
- The Faculty celebrated the promotion to Senior Lecturer of **Dr. Kathryn Shields-Brodber** and **Dr. C. Shelly-Robinson** as well as the award of the PhD (Education) to **Susan Anderson**.
- We welcomed **Prof. Wilton Barham** as visiting Fulbright Fellow for the year, working on issues in Education via the Institute of Education.
- We also welcomed **Mrs. Gloria Morgan**, Coordinator-designate for the BEd Distance and Summer Project.
- We paid tribute to retiree, Mrs. Winnifred Mills, who had for years given excellent service to the Faculty of Education as Administrator, and who passed away this year.
- We regretfully said farewell to members of staff who were retiring, all of whom had given years of dedicated service to UWI:
 - **Prof. Edward Baugh**, former Vice-Dean and Head of English as well as Public Orator and noted poet and literary critic.
 - **Dr. Donald Wilson**, former Dean of Education and Director, School of Education, Senior Lecturer in Language Arts Education.
 - **Dr. Elizabeth Wilson**, former Head of French and Senior Lecturer in French.
 - **Dr. Olga James-Reid**, former Head of Educational Studies and Senior Lecturer in Education Administration.
 - **Mr. Karl Craig**, Senior Lecturer in Art Education.
- We also said farewell to **Mrs. Esperanza Tomlinson**, who had given stable leadership to Educational Studies as Head beyond retirement.

CARIBBEAN INSTITUTE OF MEDIA AND COMMUNICATION

Professor Aggrey Brown, BA Hamline, MA, PhD Prin.
– Director

WORK OF THE DEPARTMENT

One of the highlights of the 2000/01 academic year was the CARIMAC 25th Anniversary Symposium during Research week in October. The Keynote address of the Symposium on “*Interests, Values and Identity: Caribbean Communications in the 21st Century*”, was given by **Professor Stuart Hall** and papers were delivered by **Mr. Ken Gordon, Ms Amina Blackwood Meeks** and **Mr. Lloyd Best**. The CARIMAC 25th anniversary video documentary “*Si We Yah*” was also premiered during the celebration. Both events were very well received although attendance at the Symposium was less than anticipated. A book which will include the papers presented at the Symposium is being edited by members of the CARIMAC staff.

Another significant development during the year was the Principal’s decision to fund **Radio Mona** as a competitive University radio station. To

this end, the Director of CARIMAC was assigned responsibility for implementation of the project. After months of preparation, Radio Mona FM 88.3 and 88.9 began test transmitting from its main transmitter at Coopers Hill, St. Andrew on Thursday, April 19, 2001. Phasing in of regular programming on Radio Mona started three weeks later in mid May. Radio Mona which covers the major population centers of Eastern Jamaica is slated to cover virtually the entire island by the start of the 2001/02 academic year. Initial public response to the station's output has been overwhelmingly positive and programme sponsors have already signed contracts for a number of programmes.

Vacancies in Television Production and Social Marketing which resulted from the resignation of **Mr. Julian Henriques** and **Dr. Lucy Brown-Hutton** respectively, were filled by **Ms. Yvette Rowe** at the level of Lecturer and **Mr. Livingston White**, Assistant Lecturer. The latter is a First Class Honours graduate of CARIMAC. For the first time in many years CARIMAC will begin the 2001/02 academic year with its full complement of staff following the return of **Dr. Hopeton Dunn** who had been on two year's fellowship leave.

Two other developments during the year are noteworthy both of which involve collaboration with other faculties. The first is discussions with the Faculty of Pure and Applied Sciences for a double major in Science and Media and Communication and the second is discussions with the Mona School of Business for an MBA with media management as a specialisation. Agreement in principle in both instances has been reached with details to be worked out between the parties involved.

RESEARCH IN PROGRESS

Professor Aggrey Brown

- The Media in Disaster and Emergency situations in the Caribbean

Drs. Marjan deBruin

- Gender and Newsroom dynamics in the Caribbean
- HIV/AIDS and the Media in the Caribbean.

Dr. Hopeton Dunn

- Caribbean Media Policy in Transition
- Telecommunications: The Emerging Multi-player Environment in Jamaica

PAPERS PRESENTED

Drs. Marjan deBruin

- “*Teenagers at Risk: Jamaican Adolescents and High Risk Sexual Behaviour*”, Planning Workshop for the Future Group International, Morgan’s Harbour, Port Royal; 2001, June 21 (35 pages).
- “*Teenagers, HIV/AIDS and Media Coverage in the Caribbean*”, the regional seminar, “The media and the HIV/AIDS Epidemic”, sponsored by the Caribbean Broadcasting Union (CBU), The World Bank Institute and Commonwealth Broadcasting Association, Bridgetown, Barbados, 2001 July 16 (12 pgs)
- “*Mass Communication and HIV/AIDS*”, presentation at the UWI HIV/AIDS Workshop “Accelerating the Response at UWI to the HIV/AIDS Epidemic, A Strategic Planning Workshop”, Mona Campus, Kingston, Jamaica, 2001 March 5 (12 pages).

Dr. Hopeton Dunn

- “*New Technologies, Convergence and the Caribbean Media*”, the World Media Assembly, hosted by International Communication Forum (ICF) in Sarajevo, Bosnia and Herzegovina, September 2000.
- “*Generation Next: Training the Next Generation in Caribbean Media*”, Annual Caribbean Media Conference, hosted by Grenada Broadcasting Network (GBN) and UNESCO, Grenada, May 2001.

PUBLICATIONS

Refereed

Prof. Aggrey Brown

- * “*The Dialectics of Mediated Communication in Development as Historical Process*”, Culturelink – Special Issue 2000 159 -172 (Institute for International Relations, Zagreb, Croatia)

Drs. Marjan deBruin

- * “Gender, Organizational and Professional Identities in Journalism” in *Journalism, Theory, Practice and Criticism*, Vol. 1(2)(2000): 217-238.

Dr. Hopeton Dunn

- * “Reform and Outreach: The Political Economy of Southern African Media”, in *Media Development*, by Keyan Tomaselli and Hopeton S. Dunn, February 2001.

Non-refereed

Prof. Aggrey Brown

- * “Strategies for the Globalization of Culture in the 21st Century” in *Communication and Development: The Frereian Connection*. Ed. By

Michael Richards, Pradip N. Thomas and Zaharom Nain. NJ: Hampton Press Inc. 2001, 65-81.

Drs. Marjan deBruin

- * “Gender, Media Policies”, in *Media Development*, August 2000.

PUBLIC SERVICE

Prof Aggrey Brown

- Member, GOJ Broadcasting Appeals Tribunal
- Chairman, Caribbean Coastal Area Management Foundation
- Trustee, Press Association of Jamaica
- Member, GOJ, Information and Communication Policy Advisory Committee
- Member, CARICOM Regional Cultural Committee
- Member, Editorial Advisory Board, Critical Arts, University of Natal, South Africa
- Member, Public Education Committee, ODPEM
- Chairman, Panel of Judges Royal Bank/Media Association of Trinidad and Tobago Media Awards of Excellence.

Drs. Marjan deBruin

- Board Member, Women’s Media Watch
- Member, National Environmental Education Committee (NEEC)
- Member, Ministry of Health’s Behaviour Change & Communication Sub-Committee
- Member, National AIDS Committee.

Dr. Hopeton Dunn

- Chairman, Board of Directors, Creative Productions and Training Centre (CPTC)
- Board Member, National Library of Jamaica
- Member, International Council, IAMCR
- Commissioner, Broadcasting Commission of Jamaica, and Chairman of the Commission’s Media Policy Committee.

CATEGORIES OF STUDENTS

Undergraduate Programme:

BA Degree

Level I	58
Level II	49
Level III	49

156

Diploma

14

Postgraduate Programme:

MA Degree

New	22
Returning	13

35

MPhil Degree

4

PhD Degree

4

GRAND TOTAL

213

Summer School Programme (July 2001)

No. of persons enrolled in the programme: — 42

No. of persons enrolled in each course:

• Radio Announcing & Presentation	—	14
• Television Presenting & Writing	—	10
• Public Relations	—	7
• Basic Print Journalism	—	7
• Basic Multi-Media for the Web	—	4

Regional territories of participants:

• St. Vincent	—	02	• Belize	—	01
• Guyana	—	01	• Anguilla	—	01
• Jamaica	—	29	• Grenada	—	02
• G/Cayman	—	01	• Antigua	—	02
• St. Kitts	—	01	• Tobago	—	01

DEPARTMENT OF HISTORY

Jonathan Dalby, MA *St. And.*, PhD *Manc.*
– Head of Department

WORK OF THE DEPARTMENT

The seventeenth annual **Elsa Goveia Memorial Lecture**, held at the Philip Sherlock Centre for the Creative Arts on March 28, 2001, was delivered by **James Walvin**, Professor of History at the University of York (UK). A prolific author on the history of matters Anglo-Caribbean, Professor Walvin was admirably equipped to give a thought-provoking and entertaining lecture on the theme “*Blowing Hot and Cold*”: *The Caribbean and the British*. Preparatory work for the event was efficiently carried out by **Michele Johnson**, **Michele Bartley** and **Juliet Williams**.

The **Archaeology Unit**, under the direction of **Philip Allsworth-Jones**, undertook a third round of excavations at Green Castle (St Mary) in July and August 2001. As in the previous two years, the dig was run in association with **Professor Kit Wesler**, and was funded jointly by the Mona Campus and Murray State University (USA). Students in the second-year

course 'Research Methods and Techniques in Archaeology' took part in the excavations, as usual, and we also benefitted from the presence of **Dr. Ana Luisa Santos** (University of Coimbra, Portugal), who was concerned with the human remains. Work on the analysis of the Lee Collection continued, supported by the bauxite industry, with **Mrs Audrey Wiles** as Artefact Illustrator and **Ms Esther Rodriques** as Database Officer. In the course of the year, the former policeman's house behind the Legal Aid Centre was allocated to the Department, primarily for use as an archaeological storage facility, to replace the dilapidated wooden structure which up to now still houses the majority of our artifacts. The building was renovated, and most of the materials have now been moved into it. Teaching still takes place in the Book Keeper's house (now **The Moulton-Barrett Archaeology Laboratory**) beside the chapel, and the Lee Collection is stored there.

The **Social History Project**, under the continuing guidance of its director, **Michele Johnson**, mounted its second annual Postgraduate/Staff Symposium in the Council Room on April 21, 2001. The presenters on the four panels discussed an eclectic range of ideas and areas from gender and family, to cricket, to explorations in church, labour and environmental history. The seminar was well attended and the quality of the papers presented was of an extremely high standard. During the course of the year, true to its mandate, the SHP also published three volumes on the social history of Jamaica: two by **Michele Johnson** and **Brian L Moore** (*The Land We Live In: Jamaica in 1890* and *"Squalid Kingston" 1890-1920*) and one by **Jonathan Dalby** (*Crime and Punishment in Jamaica 1756-1856*).

The **Staff/Postgraduate Seminar** programme continued as the main outlet for the presentation of the research of the Department's graduate students. It was coordinated by **Glen Richards**, and enjoyed another fruitful year.

In April and May 2001, the Department conducted its annual programme of **Outreach** lectures for sixth-formers preparing for the 'A' Level examinations in (Caribbean, European, and American) History. This programme was coordinated by **Brian L Moore**. Lectures were held on campus and at Knox Community College, Trelawny. Participating staff were **Philip Allsworth-Jones**, **John Campbell**, **Jonathan Dalby**, **Michele Johnson**, and **Glen Richards**.

STAFF

Swithin Wilmot and **James Robertson** completed the second year of their UWI Fellowship leave. Dr. Robertson took up a Robert L Middlekauff Fellowship at the Henry E Huntington Library (San Marino, California) during this time. They were replaced, respectively, by **Aleric Josephs** and

April Shelford. Verene Shepherd was also on fellowship leave, and served as Network Professor with the York/UNESCO Nigerian Hinterland Project at York University, Toronto. She was replaced by **John F Campbell**. During the course of the year, it was proposed that one of the Departmental Chairs be named the Douglas Hall Chair, in memory of the former Head and Dean, a seminal figure in the history of the University. It was subsequently decided that **Patrick Bryan** would be the first *Douglas Hall Professor of History*. After nearly two decades of close association with the Department, **Joy Lumsden** announced her retirement from teaching. We thank her heartily for her very substantial contribution to the work of the Department over the years, and wish her the very best for the future.

RESEARCH IN PROGRESS

Sultana Afroz

- Islam in Jamaica and the wider world.
- US-Pakistan relations during and after the Cold War.

Philip Allsworth-Jones

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

Patrick Bryan

- The Anglican Church in nineteenth century Jamaica.
- Caribbean migration.
- Social History Project interviews on the 1938 labour riots in Jamaica.

John F. Campbell

- The social and economic history of the eighteenth century Caribbean.

Carl Campbell

- History, education and society in Jamaica, 1834-1865.
- Government, law and society in Trinidad, 1783-1870.
- The education policy of Caribbean states, 1789-1990.

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

- Theophilus Scholes

Allister Hinds

- Sterling and imperial policy, 1838-1958
- Industrial policy in Nigeria, 1939-1946.

Jenny Jemmott

- The Family in Jamaica, 1834-1880.

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.

Joy Lumsden

- The black middle class in Jamaica in the later nineteenth and early twentieth centuries.

Kathleen Monteith

- A history of Banking in the Commonwealth Caribbean.
- A history of plantation coffee in Jamaica, 1790-1850.

Brian L. Moore

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

Glen Richards

- Labour in the Caribbean.
- The history of St Kitts.

James Robertson

- Capital cities in the English Atlantic.
- Early English Jamaica.
- A history of Spanish Town.

Veront Satchell

- Technological changes in the pre-emancipation Jamaican sugar industry.
- History of the Anglican Church in Jamaica.

April Shelford

- Pierre-Daniel Huet and the intellectual history of early modern France.

Verene Shepherd

- Migration and the Indian diaspora in the Caribbean.
- Alternatives to the sugar industry in eighteenth and nineteenth century Jamaica.

Waibinte Wariboko

- Jamaican missionaries on the Niger mission to Southern Nigeria, 1895-1925.
- James Norris Cheetham and the “civilizing mission” to Igboland: an examination of his letters to the *Southport Visitor*, 1899-1931.

Swithin Wilmot

- Social and political history of nineteenth century Jamaica.

PAPERS PRESENTED**Sultana Afroz**

- “Islam in Jamaica since Columbus”, Muslim Women Physicians of North Texas, Dallas, June 24, 2001
- “The Presence of Islam in Jamaican History – From Columbus to present”. Seminar on Islamic Awareness in Jamaica, Westmoreland, May 27, 2001
- ‘Masjids: The Manifestation of Tawhid in Jamaica’. *Islam in America* conference, Islamic Society of North America, Indianapolis, Indiana, June 29-July 1, 2001.

Philip Allsworth-Jones

- ‘The Stone Age in Sierra Leone and the Cotton Tree Museum’. 11th Congress of the Panafrican Association for Prehistory and Related Fields, Bamako, Mali, February 7-9, 2001.
- ‘Excavations on Green Castle, Jamaica, 1999-2000’ (with Kit Wesler). 19th International Congress for Caribbean Archaeology, Aruba, July 22-28, 2001.

Patrick Bryan

- 'The Heritage of the Anglican Church in Jamaica'. Annual Synod of the Church of England in Jamaica, April 2001.
- 'Jamaica and Cuba, 1920-1940'. International Conference, Latin American Centre, UWI Mona, June 2001.
- 'The Anglican Church in Jamaica: strategy and programmes for the Afro-Jamaican community in nineteenth century Jamaica'. *Quinto Seminario Internacional de Estudios del Caribe: Identidad, Memoria y Cultura*, Cartagena, Colombia, July 30, 2001.

John F Campbell

- 'How free is "free"? The limits of manumission for enslaved Africans in eighteenth century British West Indian sugar society'. *Carolina Low Country and the Atlantic World Conference*, College of Charleston, South Carolina, October 4-7, 2000.
- 'From "slave" to "enslaved people". Recapturing the Pan-African identity within Caribbean historiography'. UWI St Augustine, Trinidad, January 2001.
- "Single white female", Reconsidering the dialectic of white women, power and sugar management on eighteenth century British West Indian Caribbean sugar estates'. *Conversations with Gender* seminar, UWI Mona, February 22, 2001.
- "Creating new spaces", Towards a legitimizing discourse on white women in plantation management in the British West Indies, 1750-1820'. UWI Mona, Department of History Staff/Postgraduate Seminar, March 23, 2001.
- 'Rethinking job specialization and the limits of modernity" on eighteenth century Jamaican sugar estates'. Social History Project Symposium, UWI Mona, April 21, 2001.
- "Patronages and Pleasure". Official and unofficial strategies of labour management on eighteenth century British West Indian sugar plantations'. Caribbean Studies Association Annual Conference, St Maarten, May 31, 2001.

Carl Campbell

- 'How to write a history of education in the Caribbean'. Social History Project Symposium, UWI Mona, April 21, 2001.

Jonathan Dalby

- ‘An “unnerving inquisitor”: Medicine, race and class in the Jamaican cholera epidemic of 1850-52’. Social History Project Symposium, UWI Mona, April 21, 2001.

Wigmoor Francis

- ‘Nineteenth and early twentieth century male attitudes to Women in Radical Black Male Discourse: the Caribbean Case.’ University of Houston Black History Workshop, March 22-25, 2001; and Department of History Staff/Postgraduate Seminar, UWI Mona, March 9, 2001.

Allister Hinds

- ‘Federation and transformation in the eastern Caribbean, 1920-1934’. Conference in honour of Henry Sylvester Williams, UWI St Augustine, Trinidad, January 8-12, 2001.

Jenny Jemmott

- ‘The Family during the apprenticeship period in Jamaica. Impact and adjustment’. Social History Project Symposium, UWI Mona, April 21, 2001.

Michele Johnson

- ‘Born in Jamaica, Maid in the USA’. First Conference of the American Studies Association of Jamaica, UWI Mona, September 16, 2000.
- ‘The development of cricket in Jamaica, 1865-1920’ (with Brian L Moore). Social History Project Symposium, UWI Mona, April 21, 2001.

Aleric Josephs

- ‘Beautiful and Dangerous: Women’s depictions of the eighteenth century Caribbean’. 33rd Annual Conference of the Association of Caribbean Historians, UWI St Augustine, Trinidad, April 2-6, 2001.
- ‘Caribbean connections: Network patterns in the experiences of women, 1700-1899’. Social History Project Symposium, UWI Mona, April 21, 2001.

Brian L Moore

- ‘The development of cricket in Jamaica, 1865-1920’ (with Michele Johnson). Social History Project Symposium, UWI Mona, April 21, 2001.

Glen Richards

- ‘Work culture and labour management’. Caribbean Studies Association Annual Conference, St Maarten, May 31, 2001.

James Robertson

- ‘ “Here his Grace resides”: Spanish Town and the place of the Royal Governor in English Jamaica, 1661-c1720’. North American Society for Court Studies, University of Massachusetts, Boston, September 22, 2000.
- ‘From marginal Spanish settlement to rich sugar colony – and beyond: Towards a history of Spanish Town, Jamaica’. Commonwealth Studies Seminar, Institute of Commonwealth Studies, University of London, November 15, 2000.
- ‘ “butting and bounding, South on the Street in front of Sarah Rodrigues Deleon”: locating oneself in late eighteenth century Spanish Town’. 33rd Annual Conference of the Association of Caribbean Historians, UWI St Augustine, Trinidad, April 2-6, 2001.

April Shelford

- ‘Secret Quarrel, Public Stakes: a Story of Censorship in seventeenth century France.’ Conference of the International Society for Intellectual History, July 2001.

Verene Shepherd

- ‘Maharani’s Misery: narratives of a passage from India’. Migration Conference, UWI St Augustine, Trinidad, August 2000.
- ‘ “My Feet [is] My Only Carriage”: Women and Labour Mobility in the Post-Slavery Caribbean’. Sarah Lawrence College, New York, November 2000.
- ‘Indians in Jamaica’. Ryerson University, Toronto, March 23, 2001.
- ‘Up from Slavery: the legacy of slavery and the project of Emancipation in the Commonwealth Caribbean’. The Inaugural Harriet Tubman Public Lecture, York University, Toronto, March 28, 2001.

- 'Locating enslaved women's voices: the promises and pitfalls of "ventriloquism" '. Text and Testimony Collective Symposium, Dartmouth College, New Hampshire, May 18-20, 2001.
- 'The Politics of Migration: "Hindustanen" (Indians) in Jamaica, 1845-1945'. The Hague, July 2001.
- 'La rebellion de enaguas: le cuerpo y la voz de la esclavizada en la lucha por la libertad en la Jamaica colonial.' *Quinto Seminario Internacional de Estudios del Caribe*, Cartagena, Colombia, July 30, 2001.

Waibinte Wariboko

- 'James Norris Cheetham and the UMS civilizing mission to Igboland: An Examination of his letters to the Southport Visitor, 1899-1931'. UWI Mona Department of History Staff/Postgraduate Seminar.

PUBLICATIONS

Refereed

Sultana Afroz

- * 'Up from Slavery in Jamaica.' *Islamic Horizons*, March/April, 2001, 52-53.
- * 'Islam and Slavery through the Ages: Slave Sultans and Slave Mujahids.' *The Journal of Islamic Law and Culture*, Vol. 5, No.2, Fall/Winter, 2000, 97-123
- * 'The Moghul Islamic Diaspora: The Institutionalization of Islam in Jamaica.' *Journal of Muslim Minority Affairs*, Vol. 20, No.2, 2000, 271-289

Philip Allsworth-Jones

- * 'Dating the Transition between Middle and Upper Paleolithic in Eastern Europe', in J. Orschiedt and G.C. Weniger (eds.), *Neanderthals and Modern Humans – Discussing the Transition*, 20-29. *Wissenschaftliche Schriften des Neanderthal Museums*, Band 2, 2000.
- * 'The Taino Settlement of the Kingston Area'. (With G. Lalor, G. Lechler, S.F. Mitchell, E. Rodriques, M. Vutchkov) Proceedings of the 18th International Congress for Caribbean Archaeology, Grenada, 1999: 115-127.

Patrick Bryan

- * 'The Background to the Canal' Proceedings of Symposium held at the University of the West Indies, Mona, Jamaica, June 15-17, 2000, *West Indian Participation in the Construction of the Panama Canal*.

John Campbell

- * '“Always Free”. West African Continuities and the limits to enslavement on 18th Century Atlantic World Sugar Plantations'. *HU ArchivesNet*, The Electronic Journal of the Moorland-Spangarn Research Center, Howard University, HUAN 5 (August 2000).
- * Re-assessing the consciousness of labour and the role of the “Confidentials” 1750-1834.' *Jamaica Historical Review*, Vol. XXI, 2001.

Jonathan Dalby

- * Crime and Punishment in Jamaica: A Quantitative Analysis of the Assize Court Records, 1756-1856. Kingston: The Social History Project, UWI, 2000. ix, 145pp.
- * 'L'Infanticide devant la Cour d'Assises du Cantal au XIX^e siècle.' *Revue de la Haute-Auvergne*, vol. 63, avril-juin 2001, 155-176 (trans. Jean Le Guillou and Françoise Canet).

Allister Hinds

- * 'Chiefs and the making of industrial policy in Africa' in C. Youe and T. Stapleton, *Agency and Action in Colonial Africa*, Great Britain: Palgrave, 2001, 141-155.
- * "Britain's Sterling Colonial Policy and Decolonization 1939-1958". USA: Greenwood Press, 2001. 221 pp.

Michele Johnson

- * On Reading *Writing*: Review Article on B.W. Higman's *Writing West Indian Histories*. *Small Axe* 8, September 2000, 224-241.

Kathleen Monteith

- * 'Competition between Barclays Bank (DCO) and the Canadian Banks in the West Indies, 1926-1945'. *Financial History Review* Vol. 7, No. 1, April 2000, 67-87.
- * 'Emancipation and Labour on Coffee Plantations in Jamaica, 1838-1848.' *Slavery and Abolition*, Vol. 21, No. 3, December 2000, 49-52.

Brian L. Moore

- * 'Colonialism, Cricket Culture, and Afro-Creole Identity in the Caribbean after Emancipation: the case of Guyana.' *Journal of Caribbean History* 33:1 & 2 (1999), 54-73. (published in 2000-2001).

Michelle Johnson and Brian L. Moore

- * '“Fallen Sisters”: Attitudes to Female Prostitution in Jamaica at the turn of the Twentieth Century' [with Brian L. Moore] *Journal of Caribbean History* 34:1 & 2 (2000), 46-70.
- * "The Land We Live in: Jamaica in 1890" [with Brian L. Moore]. Kingston: The Social History Project, UWI, 2000. viii, 153 pp.
- * "Squalid Kingston": How the Poor Lived, Moved and had their Being [with Brian L. Moore]. Kingston: The Social History Project, UWI, 2000. x, 181 pp.

James Robertson

- * 'Stuart London and the Idea of a Royal Capital City.' *Renaissance Studies* 8 (2001), 37-58.

Verene A. Shepherd

- * '“Petticoat Rebellions”: Women and Emancipation in Colonial Jamaica". (Emancipation Lecture, July 2001).
- * 'Up from Slavery: the legacy of slavery and the project of Emancipation in the Commonwealth Caribbean.' Tubman Lecture (York University Nigerian Hinterland Project Website, Internet Publication).

PUBLIC SERVICE

Philip Allsworth-Jones

- Member, Executive Committee of the Archaeological Society of Jamaica.
- Member, Executive Committee of the Jamaica Historical Society.
- Member, Museums Advisory Board of the Institute of Jamaica.

Roy Augier

- President, International Drafting Committee of the UNESCO General History of the Caribbean
- Vice-Chair, Teachers' Services Commission (Jamaica).
- Member, Caribbean Examinations Council.

Patrick Bryan

- Chair, Museums Advisory Board of the Institute of Jamaica.
- Chief Examiner in Caribbean History, Caribbean Examinations Council.
- Member of Council, Institute of Jamaica.

John F Campbell

- Volunteer Teacher, Jones Town Citizens Education Project.

Carl Campbell

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

Allister Hinds

- Chair, Mona Campus Pension Sub-Committee.
- WIGUT Representative on FPS Advisory Council
- Grievance Officer, WIGUT
- WIGUT Representative on Blue Book Negotiating Committee

- Member of the Task Force established by the University Council to review the Retirement Age at the University

Jenny Jemmott

- Board Member, Jamaica Cancer Society.

Michele Johnson

- President, American Studies Association of Jamaica (ASAJ).
- Chair, Conference Committee, ASAJ conference on Marcus Garvey.
- Board Member, African-Caribbean Institute of Jamaica.

Aleric Josephs

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

Brian L Moore

- Member, Editorial Board, Journal of Caribbean History.

James Robertson

- Member, Executive Committee, Jamaica Historical Society.

Veront Satchell

- Member, *Partners for Peace* Inner-City Programme (August Town).

Verene Shepherd

- Member, Jamaica Stamp Advisory Committee.
- Member, Executive Committee, Jamaica Historical Society.
- Member, International Advisory Board, York/UNESCO Nigerian Hinterland Project.
- Member, Steering Committee, Text and Testimony Collective.
- Delivered Emancipation Lecture, Kingston, July 29, 2001.

Swithin Wilmot

- Member, Caribbean Examinations Council (CAPE History units).
- Chief Examiner, CAPE History programme (units 1 and 2).

CATEGORIES OF STUDENTS

Undergraduates

Code	Course Title	Sat	Passed	% Passed
H10D	History of the Caribbean (for Law and Social Sciences)	38	36	97.73
H13D	Africa in World Civilization to 1800	106	77	72.64
H14H	States and Societies: Continuity and Change in Early Modern Europe	46	44	95.65
H15E	The Asian World Prior to 1600	40	34	85
H16A	The Atlantic World 1400-1600	197	183	92.89
H17C	Introduction to History	222	206	92.79
H18A	Introduction to Archaeology	33	30	90.90
H20F	Conquest, Colonization and Resistance in the Caribbean 1600-end of slavery	166	155	93.37
H20G	Freedom, Decolonization and Independence in the Caribbean since 1804	163	147	90.18
H21C	Latin America 1600-1870: from Colonialism to Neo-Colonialism	24	19	9.16
H21D	Societies and Economies in Latin America from 1870	38	33	86.84
H22C	Peoples, Wars and Revolution: North	32	28	87.50
H23C	The State and Development in Africa 1800-1900	47	35	74.46
H23D	The State and Development in Africa since 1900	46	35	76.08
H24C	Revolution and Industrialization in 19 th Century Europe	49	44	89.79
H24D	Fascism and Communism in 20 th Century Europe	42	41	97.61
H25C	History of Modern China	33	29	87.87
H26A	Imperialism 1763-1918	23	18	78.26
H26B	Imperialism since 1918	33	24	72.72
Code	Course Title	Sat	Passed	% Passed
H26C	The International Economy since 1850	41	36	87.80
H26F	Multinational and International Banking since the 19 th Century	18	15	83.33
H28A	Research Methods and Techniques in Archaeology	11	10	90.90
H28D	A Survey of World Prehistory	7	6	85.71
H30C	Women and Gender	69	68	98.55

H30H	Race and Ethnicity in the British Caribbean Since 1838	20	15	75.00
H30J	Protests and Popular Movements	31	27	87.09
H30K	The Idea of Caribbean Nationhood	20	14	70
H30N	Haiti in the 20 th Century	25	23	92
H30Q	The Spanish Caribbean	26	25	96.15
H30U	Organized Labour in the 20 th Century Caribbean	25	20	80
H30V	Cuba in the 20 th Century	29	28	96.55
H30X	W.I. Cricket since 1870: Cultural Imperialism and National Lib.	18	15	83.33
H30Y	Banking in the Commonwealth Caribbean	32	29	90.62
H31E	Central America 1823 to present	20	16	80
H32C	The Black Experience in the United States after 1865	30	29	96.66
H32D	From 'Minstrelsy' to Rock an Roll: History of Popular Cultures in the USA	27	25	92.59
H33A	Origins and Development of Apartheid in South Africa	21	17	80.95
H33C	Socialism and Development in 20 th Century Africa	19	15	78.94
H33E	Culture, Religion and Nation-Building in West Africa since 1500	21	19	90.47
H33J	Colonialism and Underdevelopment in West Africa since 1500	28	25	89.28
H34F	Women in Europe since 1750	21	18	85.71
H34G	The Holocaust in History	22	22	100
H34L	The Enlightenment	26	25	96.15
H34M	Expectation and Experience: the European Encounter with the New World (1492-1750)	19	19	100
H35A	Modern Japan: Meiji to Present	34	33	97.05
H35B	History of the Middle East 1915-1973	37	35	94.59
H36A	Capitalism and Slavery	24	23	95.83

Code	Course Title	Sat	Passed	% Passed
H36H	History of the Multinational Corporation	22	22	100
H36N	"By the Rivers of Babylon": The African Diaspora in the West	32	29	90.62
H370	History of Political Thought	4	3	75
H38A	Historical Archaeology	6	5	83.33
H38C	Archaeology of Africa	3	3	100

Total	2166	1932	89.197%
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Prizes

Elsa Goveia Prize	–	Nicole Plummer
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Gladwyn Turbutt Prizes:

Archaeology	–	Tracey-Ann Dobson
Atlantic History	–	Michele Harris
Historical Methodology	–	Maxine Mitchell
European History	–	Natalie Gray

Ilm-Al-Ahsan Prizes:

The Asian World prior to 1600	–	Valeen Calder
History of Modern China	–	Nathalie Palmer
Modern Japan	–	Tracey-Ann Jacas
History of the Middle East since 1915	–	Rowan Samuels

Neville Hall Prize	–	Kerry-Ann Morris
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Walter Rodney Prize	–	Duwayne Carr
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Graduate Students

There were 6 Student registered for the PhD degree, 8 for the MPhil, twenty three 23 for the MA (History), and 24 for the MA (Heritage Studies), making a total of 61Graduate students. The department taught semester courses in the MA (History) programme. The results were as follows: 6 students were awarded the MA in Heritage Studies and 2 students were awarded the MA in History.

Code	Course Title	Sat	Passed	% Passed
H60A	The Emergence of West Indian History	7	3	42.86
H60B	Historiography	5	5	100
H67L	Theory and Methods of History	16	13	81.25
H67Q	Business History: Scope, Methodology and Sources	6	6	100

H62A	Women's History in the United States of America	7	5	71.43
	Total	41	32	78.05

DISTINGUISHED VISITORS

Professor James Walvin, University of York, UK

Professor Kit Wesler, Murray State University, USA

Professor Paul Lovejoy, York University, Toronto, Canada

Dr Ana Luisa Santos, University of Coimbra, Portugal

Professor David Trotman, York University, Toronto, Canada

LANGUAGE, LINGUISTICS AND PHILOSOPHY

Hubert Devonish, BA (*Guy*) DPhil (*UK*)
– Professor of Linguistics and Head of Department

WORK OF THE DEPARTMENT

The department hosted in August 2000, the 13th Biennial Conference of the Society for Caribbean Linguistics (SCL) along with a special first-day session entitled, Colloquium 2000 co-sponsored by the department and, aimed at exposing teachers and interested members of the public to issues of language in education. In response to invitations to schools in Jamaica, over 150 teachers were in attendance along with approximately 60 overseas participants. Both the Colloquium 2000 and the 13th Biennial Conference of SCL were, from reports and evaluations done, a success.

The Summer School programme continues to run as a major earner of supplemental income for the department. Subjects taught cover range of courses offers by the department.

In relation to its academic staffing, the department advertised four vacant positions of which two were filled in the English Language Section. The two in the Linguistics Section remain unfilled.

The department consists of four sections, English Language Proficiency Test Unit, the English Language Section, the Linguistics Section, and the Philosophy Section. Sectional reports follow:

English Language Proficiency Test Unit

The test unit functions as a self-financing unit within the department. It was set up to administer an English Language Proficiency test to applicants to the Mona Campus of the University. The number of applicants who were tested during the course of the academic year was 2654, the number who passed was 2469, with 587 of these required to do Fundamentals of English, UC010.

English Language Section

The Foundation Course, FD10A (English for Academic Purposes) was offered to all Level-1 degree students other than those registered in the Arts programme on the campus. During both Semesters I and II, a total of 1183 students were offered the course, of whom 73% passed.

UC120 (Language, Exposition, Argument) was offered as a foundation course to 589 students registered at Level 1 in the Arts programme in the Faculty of Arts and Education. Of these, 73% were successful.

Another aspect of the work of the section was the teaching of the Fundamentals of English course, UC010, to a small group of students who were admitted to the university but designated as needing special help in this area. Approximately 312 students pursued this course and 84% successfully completed it.

With the help of funding identified by the Campus Principal, the construction of the Writing Centre commenced May 2000 and was almost completed by the end of July 2001. The Centre will assist in the teaching of English Language writing skills in the range of courses offered by the section.

Linguistics Section

A formal Linguistics Outreach programme targeted two schools, St. George's College and Holy Childhood High with a view to interesting students to apply to do degrees in linguistics. Several visits culminated in Linguistics Day in February 2001 held at The Phillip Sherlock Centre for the Creative Arts with over 150 student participants. Two newspaper advertisements, separate and apart from the regular university advertisements for applicants to its undergraduate programme, were put out with a view to encouraging persons to apply to study linguists. The programme also monitored persons whom the university had decided to offer places in linguistics to ensure that they were given early information about their offer and encouraged them to take up the offer. Consequently, we had an increase from 37 students in academic year 2000 to 66 students in year 2001 taking up offers.

A Career Seminar was held in June 2001 for graduating as well as graduated linguistics students. The seminar was designed to offer guidance in the area of career development and entrepreneurship as linguistics. From reports and evaluation done, the seminar was a success. A proposal to offer annually is under active consideration.

In October 2001, **Mrs. Helean McPhee**, MPhil student in Linguistics made a seminar presentation on her thesis topic which resulted in her upgrade from the MPhil to the PhD programme.

Philosophy Section

The section continues to be hampered by a rapidly expanding student intake at both the undergraduate and postgraduate levels while having only two full-time members of staff.

Dr. Earl McKenzie was awarded the Silver Musgrave Award for his Contribution to Literature by the Institute of Jamaica in October 2000.

RESEARCH IN PROGRESS

Professor Hubert Devonish

- On the (re)-writing of Caribbean history by way of linguistic evidence.
- Tonal analysis of Berbice Dutch.
- Re-analysis of the theory of diglossia as it applies to the Caribbean (with Walter Haas).
- A comparison of lexical tone across the Anglo-West African Creole language varieties.
- A computational modelling of the phonological systems across the Creole-to-English continuum in Jamaica.

Mrs. Vivienne Harding

- In search of better strategies for teaching right-brained children to read, write and spell.

Miss Alison Irvine

- “Speaking Good English: The sociolinguistics of staff selection in the business of marketing Jamaica.”

Dr. Rocky Meade

- The continuation of the examination of data from 24 children from urban and rural St. Catherine and St. Andrew. The focus is on phonological structures and implications for the sub-segmental component of phonological theory.

Mrs. Ingrid McLaren

- Factors related to the academic performance of students at UWI, Mona.

Mrs. Jennifer Ramsay

- A proposal for ESL (English as a Second Language) classes for foreign language students (as an alternative to UC010).

Dr. Paulette Ramsay

- ‘Introducing The Poetry of Jesus Cos Causse – Translations of Selections of Poems and Biographical Information on the Afro-Cuban Writer.’

- Analysing the poetry of Shirley Campbell.

Dr. Kathryn Shields-Brodber

- Discourse Analysis from a Caribbean perspective.
- Compilation of a data base of spoken Caribbean English (for research purposes).

Miss Helen-Ann Wilkinson

- Scandal Bags and Mongrel Dogs’ – An exploration of race. Colour, class and life. Expectations in the Jamaican society.
- The use of English Language by Oscar-winning actors: an assessment of the language performance criteria in the fields of diplomacy, entertainment and tourism.

PAPERS PRESENTED

Professor Hubert Devonish

- “The Anglophone Caribbean”, ASNEL/MAVEN Conference, Albert-Ludwigs-Universität, Freiburg, Germany, June 4-9, 2001.
- “The Answering of Four Question on the 'Issue of language education policy for children of immigrants from the countries in the Caribbean where English is the official language. New York State Board of Regents, Albany, December 2000.

Mrs. Vivienne Harding

- “Developing Writing Skills in Students at the Primary Level.” Colloquium 2000, University of the West Indies, Mona, August 2000.
- “Writing for the 21st Century: Capturing the Attention of the ADD Child.” College Language Association Conference, New Orleans, April 20-23, 2001.

Dr. Silvia Kouwenberg

- (With Peter Patrick): organization of a colloquium on second language acquisition and pidginization/creolization, 3rd International Symposium on Bilingualism, University of the West of England (Bristol) April 18-20, 2001.
- “The grammatical function of Papiamentu tone”. Paper presented in absentia, conference of the Society for Pidgin and Creole Languages, Coimbra, Portugal, June 2001 (10 pages).

Dr. Rocky Meade

- “*OT and the Acquisition Jamaican Syllable Structure*”. Society for Pidgin and Creole Linguistics Conference, Washington, DC, USA. January 5-7, 2001

Dr. Paulette Ramsay

- “History in the Poetry of Georgina Herrera”. Third Conference on Caribbean Literature in Puerto Rico. September 2000
- “In Search of Natural Poetics: Oral Narrative Strategies in the Works of Luz Argentina Chiriboga”. College Language Association Conference, New Orleans, April 20-23, 2001.

Miss Helen-Ann Wilkinson

- “In spite of the Ocean: God goes shopping and speaks Jamaican Creole.” Caribbean Association Conference, St. Maartin, May 2001.
- “The use of video in English Language teaching: An FD10A experience.” Caribbean Culture Conference, Cave Hill, Barbados, June 2001.

Dr. Kathryn Shields-Brodber

- ‘ “Is the pain in your belly bottom?” On the non-native use of Jamaican Creole for giving medical advice on radio.’ 13th Biennial Conference of the Society of Caribbean Linguistics, UWI, Mona, August 2000.

PUBLICATIONS

Professor Hubert Devonish

Refereed

- * “On the Sierra Leone-Caribbean Connection: Hot on the Trail of 'Tone Shifted' Items in Anglo-West African.” In Christie, P. (ed.) 2001 **Due Respect. Papers on English and English-related Creoles in the Caribbean in Honour of Professor Le'Page.** University of the West Indies Press, Barbados, Jamaica, Trinidad & Tobago: 184-205.
- * “On the Writing of Normative Grammars for Caribbean Creole Language: The Case of Guyanese Creole.” Language, Blacks and Gypsies: Languages without a written tradition and their role in education. (eds.) Acton, Thomas and Dalphinis Morgan. Whiting & Birch London, 2000, pp. 52-58.

Mrs. Vivienne Harding

- * “Developing Writing Skills in Students at the Primary Level”. Society for Caribbean Linguistics 2000 Conference Presentations, 13th Biennial Conference, August 16-19, 2000.

Dr. Silvia Kouwenberg

- * “Loss in Berbice Dutch Creole negative constructions: An examination of competence and performance of the last speakers”. *Linguistics* 38 (5), 889-923.
- * with Darlene LaCharité 2001 “The iconic interpretations of reduplication: evidence from Caribbean Creole languages”. *European Journal of English Studies* 5 (1), 59-80.

Dr. Kathryn Shields-Brodber

- * “Contrapuntal Conversation & the Performance Floor’, In Christie, P. (ed.) 2001. **Due Respect. Papers on English and English-related Creoles in the Caribbean in Honour of Professor Le’Page.** University of the West Indies Press, Barbados, Jamaica, Trinidad & Tobago: 208-218.

Non-Refereed

Dr. Silvia Kouwenberg

- * Review of Creole genesis and the acquisition of grammar: the case of Haitian Creole, by Claire Lefebvre. Cambridge: CUP, 1998. *Revue Québécoise de Linguistique* 28 (2), 129-36.
- * Review of Literarische Übersetzung als Werkzeug des Sprachausbaus: am Beispiel Papiamentu, by Eva Martha Eckkrammer. Bonn: Romanistischer Verlag, 1996. *Iberoamericana* 80, 127-129.

Dr. Rocky Meade

- * *The Acquisition of Jamaican Phonology*, PhD Thesis, Amsterdam: Holland Institute of Linguistics. 2001. ISBN 90-76912-06-8

Dr. Paulette Ramsay

- * “Resistencia y contestacion en la obra narrativa de dos afro-hispanos” Contrapuntos. University of Puerto Rico, September 2000.

PUBLIC SERVICE

Dr. Kathryn Shields-Brodber

- Chairman, Board of Governors, Queen's Preparatory School
- Member, Oversight Committee, Rose Hall Basic School, Linstead.

Professor Hubert Devonish

- Board member, Scientific Research Council

Mrs. Vivienne Harding

- First Vice-President, Wolmer's Girls' Alumnae
- Mentor, Wolmer's Girls' School's Mentorship Programme.
- Member, Jamaica Baptist Union's Education Committee

Dr. Rocky Meade

- Board Member- National Initiative for Street Children
- Staff Officer, Jamaica Defence Force

Dr. Paulette Ramsay

- Chief Examiner, Caribbean Examination Council (CXC) Spanish.

Margaret Newman

- Director, Moorlands Camp Site Board
- UWI Liaison to NATE

CATEGORIES OF STUDENTS

(Reference to 1st class degrees, diplomas with distinc., % passes).

Undergraduate:	Intake	Percentage Pass Graduated	First-Class Honours
Undergraduate Linguistics Majors –	37	70%	1: Joy Howard 2: Nadine Royal
Undergraduate Philosophy Majors –	10	80%	1: Simeon Mohansingh
Postgraduate: (Higher degrees awarded, with names where feasible):			
MA Students in Linguistics		–	03: Vivienne McLeary, Winnie Brown, and Clover McKenzie.
MPhil Students in Linguistics		–	N/A
PhD Students in Philosophy		–	N/A

Prizes Awarded

Linguistics Theory Prize: *Miss Michelle Thompson*.

Reinecke Prize for Best Graduating Linguistics: *Miss Michelle Thompson*.

DISTINGUISHED VISITORS

Dr. Marta Dijkhoff, former Minister of Education, Netherlands Antilles

Dr. Salikoko Mufwene, Visiting Professor, Department of Linguistics, University of Chicago

Ms. Susan Dray, Visiting Lecturer, University of Lancaster, UK

Ms. Juliette Sainton, Universite Antilles – Guyana, Guadeloupe.

DEPARTMENT OF LIBRARY AND INFORMATION STUDIES

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

WORK OF THE DEPARTMENT

Innovations in Teaching and Research

At the Department of Library and Information Studies (DLIS) we began last year to explore the value of electronic discussion groups in enhancing our teaching programmes and interaction between staff and students. Web-based groups have now made life more dynamic and interesting for students, as most classes have been enrolled in specially created groups. This mechanism is used by lecturers, to answer questions posed by students, provide explanations about special aspects of a course assignment, and to share additional information on a topic. Students have been using this mechanism to ask questions of lecturers, discuss areas of their courses, or to greet and motivate each other.

The lecturer in each course serves as the moderator, of a group, especially set up for that course. Students in that course are registered by a moderator in the group for that course, with their email address as their identification. A major advantage is that members of the class, lecturer and students can have continuous dialogue outside of the regular class hours.

The electronic discussion group used last year by DLIS was yahoogroups.com, formerly egroups.com. It is a web-based facility in which each group has its own set of webpages. A message sent to a single address is received by all members of the group; messages are archived and can be threaded so that replies to a specific message can be linked to that message. The web page for the group also shows which participants are currently online, and there can be real time chat discussions between members of the group.

As the discussion groups are Web-based they can be accessed from any location. At the same time access is restricted to ensure that only registered users send and receive messages, and to guard against the pollution which may be caused by unsolicited or junk mail.

In the experimental activity undertaken by the DLIS last year, lecturers after registering students, posted messages welcoming students, advising on assignments, and answering questions. DLIS will continue this

year to increase its use of the electronic discussion groups, and to monitor the impact on the teaching and research programmes.

Publicity and Outreach

In an effort to ensure greater awareness by prospective students of the Department's course offerings, staff of the Department prepared articles for special advertisements features in the Daily Gleaner on January 25, 2001.

As a first step in regular communication with the member countries of the university and prospective employers, the Department requested the Director of the National Library and Information System (NALIS) of Trinidad and Tobago to comment on the outlines of all the courses currently offered. NALIS established a committee, which provided detailed recommendations on the structure and contents of the courses, in relation to the existing and forecasted needs of the profession in Trinidad and Tobago.

Dorothy Collings Bequest

The funds bequeathed by Dorothy Collings, the first professor of the Department, have been invested in Jamaica Governments Bonds, and the management committee of the fund will determine the next large project for which the interest from the investment can be used.

Continuing Education Programmes

The Department offered a one-day workshop on the creation of Web-based resumes. The workshop was conducted by Mr. Ramnauth Sookraj, Lecturer in the Department.

Records Management

Courses toward Part II of the Special Certificate in Records Management were offered in July – August 2001. Students who completed these courses have been awarded the special certificate.

PROJECTS

The Department has completed work on the database of Caribbean Studies from 1991-1996. The database was produced by the Department under a grant from the Research and Publications Committee. Studies from the following departments are included in the database: CARIMAC, History, Literatures in English, Language, Linguistics and Philosophy, Modern Language and Literatures, and Library and Information Studies. The database was handed over this year with the corresponding manuals to Main Library to facilitate wider access to the content.

LINKS WITH PROFESSIONAL ASSOCIATIONS

Library and Information Association of Jamaica

The Department has played an active role in the Library and Information Association of Jamaica (LIAJA) (formerly the Jamaica Library Association). The Executive Committee visited the Department, to advise new students of the Association's activities, and to invite them to become members. Several staff members served on the Executive Committee and on working parties.

Association of Caribbean University, Research and Institutional Libraries (ACURIL)

Professor Fay Durrant was elected to the Executive Council of ACURIL for the period 2001-2004. Professor Durrant has also been invited by LIAJA to chair the Local Organizing Committee of ACURIL XXXII to be held in Ocho Rios, Jamaica from May 27 – June 1, 2002.

RESEARCH IN PROGRESS

Prof. Fay Durrant

- Telecentres in Jamaica – the impact of the Internet on access to information
- Telecommunications policies in the Caribbean
- Educating librarians in the Caribbean: current status and future requirements
- Knowledge management in the context of government.

Mr. Ownali Mohamedali

- Adapting to changes: DLIS experiences in the Caribbean

Dr. Cherrell Shelley-Robinson

- National Survey of School Libraries in Jamaica
- Information Skills for Caribbean Schools

Barbara Gordon

- The information needs of scientists and technologists in Jamaica

Ramnauth Sookraj

- The incorporation of the Internet in the curriculum of the Department of Library and Information Studies

PAPERS PRESENTED

Prof. Fay Durrant

- “Information and Knowledge Management as instruments of development in SIDS” Islands of the World VI Conference, Isle of Skye, October 16-20, 2000.
- “Access to information in a networked world” Keynote presentation the 50th Anniversary Exhibition of the Jamaica Library Association, November 2, 2000.
- “Trends and issues in the development of academic libraries”. 2000 meeting of the College Information Network (COLINET). Kingston, November 2000.
- “Creators, Providers and Users: Library Services, Publishing and The Media.” Jamaica Library Association Conference, Managing Knowledge Convergence in a Global Economy Kingston, November 9-10, 2000.
- “Re-Educating Librarians in the Caribbean Context”, Meeting of the Caribbean Association of Law Librarians (CAARAL), St Georges, Grenada, May 3-5, 2001.
- “Regional Information Systems in the Caribbean”, Keynote Address to the Opening Session of The Eighth Meeting of the Caribbean Information Action Group (CARINFO), May 7, 2001, Wildey, Barbados
<http://www.caribank.org/Secretar.nsf/pages/eighth>.

Dr. Cherrell Shelley-Robinson

- “The Role of the Library in the School”, Workshop for Teachers, Franklin Town Primary School, Kingston, September 15, 2000.
- “Teachers and Information Literacy in Jamaica: A Case Study” COMLA Seminar on User Education for User Empowerment, Christ Church, New Zealand, October 19, 2000.
- “Literature Experiences and the Special Child”, Jamaica Association of Children with Learning Disabilities Workshop, March 29-30, 2001.
- “The Reading Interests and Needs of Children” Carlong (Publisher) Workshop for Writers, April 19, 2001.

PUBLICATIONS

Dr. Cherrell Shelley-Robinson

- * “Scribbles: A Magazine for Caribbean Children”, Vol. 4, No. 2, 2000

PUBLIC SERVICE AND OUTREACH

Prof. Fay Durrant

- Member, Executive Council, Association of Caribbean University, Research and Institutional Libraries (ACURIL)
- Chair, Local Organizing Committee ACURIL XXXII
- Member, Advisory Committee on the National Information System
- Member, Jamaica National Commission for UNESCO
- Member, UNESCO Advisory Committee on Information for All.
- Member, Jamaica Sustainable Development Network Programme Management Board
- Member, Executive Committee, Library and Information Association of Jamaica (LIAJA)
- Member, Information Technology Working Party, Library and Information Association of Jamaica (LIAJA).
- Member, Caribbean Information Action Group (CARINFO)

Dr. Cherrell Shelley-Robinson

- Member, Executive Committee, Library and Information Association of Jamaica (LIAJA)
- Chairman, LIAJA Schools Section
- Life Member, Jamaica Reading Association
- President, Ferncourt Past Students’ Association
- Member, LASPAU Alumni Association
- Member, UNESCO Advisory Committee on Information for All
- Member, UNESCO World Copyright Day Organizing Committee
- External Examiner, Joint Board of Teacher Education (Library Science) for MICO Teachers’ College

Mr. Ownali Mohamedali

- Member, IFLA Roundtable on Audiovisual and Multimedia
- Member, Jamaica Library Association
- Member, Jamaica Friends of the Library
- Member, Library and Information Association of Jamaica
- Member, American Library Association
- Member, Indian Cultural Society in Jamaica

Mrs. Barbara Gordon

- Chair, LIAJA Research and Publications Working Party

PRIZES

The Commonwealth Library Association (COMLA) made a donation of J\$25,000 as prize money for the best performing second year student for each year.

The Department continues the annual award of the following prizes:

- **Dorothy Collings Prizes** for the best performing third year and postgraduate students.
- **Daphne Douglas Prize** for the most improved undergraduate student
- **Departmental Prize** for the best performing student in the B.Ed (School Librarianship) Programme.

CATEGORIES OF STUDENTS

Undergraduates

There were 91 students registered in the BA Library Studies (major) programme distributed as follows:

Level I – 36

Level II – 31

Level III – 24

Non-Library Studies majors – 81

Following is a list of the registration and passes for the courses offered:

Semester I

Course	Registration	Passes	Percentage
LS10A Information & Society	52	50	96
LS10B Information Organisation & Dissemination	11	11	100
LS12A Management of Information Systems I	31	30	96
LS15A Computer Literacy for Information Professionals	27	25	92
LS22A Information Resources: Their Communication & Conservation	44	42	95
LS27A Audiovisual Information Work I	43	42	97
LS30C Public Library Services	17	13	76

Course	Registration	Passes	Percentage
LS30D School Libraries & Learning Resource Centres	15	11	73
LS32F Information Resources in Selected Environments	15	14	93
LS32G Literature for Children & Young Adults	80	74	92
LS35A Automation in Information Work I	31	31	100

Semester II

LS10B	Information Organisation & Dissemination	40	33	82
LS12B	Management of Information Systems II	26	25	96
LS15A	Computer Literacy for Information Professionals	38	35	92
LS21C	Organising Information in School Libraries	29	28	96
LS23A	Research Methodology for Information Professionals	25	22	88
LS25A	Automation in Information Work	41	37	90
LS30E	Management of Libraries in Selected Environments	16	16	100
LS36B	Information Literacy: Concept & Process	34	33	97
LS37A	Audiovisual Information Work II	36	36	100

Yearlong

LS210	Cataloguing & Classification	28	28	100
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16 final year students achieved the following results:

First Class Honours	–	1
Upper Second Class Honours	–	5
Lower Second Class Honours	–	10
Pass	–	0

Postgraduates

Masters in Library Studies/Master of Arts (in Library Studies) programme enrolment:

Completing coursework	–	14
Writing research paper	–	9
Repeating failed course	–	2

16 students having completed the programme were awarded the MLS.

Following is a list of registration and passes for the postgraduate courses offered:

Semester I

Course	Registration	Passes	Percentage
LS60A Foundations of Library & Information Studies	9	5	55
LS60B Information, Communication & Society	2	2	100
LS61A Management of Information Units	6	6	100
LS62A Subject Work in Information Retrieval	9	8	88
LS63A Bibliography & Reference Methods	8	7	88
LS65A Information Technology I	14	12	85
LS69A Trends & Issues in Library & Information Work	7	6	85

Semester II

LS61C Management of Special Libraries & Information Centres	4	4	100
LS61D Management of Public Library Services	4	4	100
LS61E Management of School Libraries & Learning Resource Centres	1	1	100
LS62B Catalogue Creation & Use	8	6	75
LS63B Information Resources in Science & Technology	4	4	100
LS63D Information Resources in the Social Sciences	4	4	100
LS64A Research in Information Work	13	13	100
LS65B Information Technology II	14	14	100
LS66C Multimedia Librarianship	1	1	100

Special Certificate in Records Management

There were 30 students registered in the Special Certificate in Records Management programme distributed as follows:

Level I	2000	–	29
Withdrawal (failure)	2000	–	2
Level II	2001	–	31
Repeaters	1997/99	–	4
Absent		–	1

There were students from three Caribbean countries as follows:

Bahamas	–	1
Anguilla	–	1
Jamaica	–	28

Following is a list of the registration and passes for the courses offered:

Course	Registration	Passes	Percentage
LS14A Introduction to Records Management	29	29	100
LS14B Records Management Programme Development & Implementation	29	27	93
LS16A Administering Records Management Programmes	30	30	100
LS16B Records Management Technologies	28	28	100

VISITORS TO THE DEPARTMENT

Mr. John Aarons, Director National Library of Jamaica,

Mrs. Valerie Gordon, National Coordinator of the Jamaica Sustainable Development Network Programme (SDNP)

DEPARTMENT OF LITERATURES IN ENGLISH

Carolyn Cooper, BA, MA, UWI, PhD Tor
– Head of Department

WORK OF THE DEPARTMENT

Dr Carolyn Cooper assumed duties as Head of Department in August 2000, on a three-year appointment and in succession to **Professor Edward Baugh**. The latter is now enjoying retirement and is, at present, Visiting Professor of Caribbean Literatures at Howard University, Washington DC. He gave 33 years of outstanding service to this Department and, altogether, 36 to the University. The Department had a Farewell Function in his honour on May 29, 2001 in the Round of The Philip Sherlock Centre for the Creative Arts. He will be greatly missed.

Dr Emily Williams, Associate Professor of English at Morehouse College, Atlanta, Georgia, was Visiting Fulbright Fellow in the Department for Semester I. She was slated to have been here for both semesters, but, due to unforeseen circumstances, left at the end of Semester I.

In November 2000, the Department, in collaboration with the Philip Sherlock Centre for the Creative Arts, presented **'COLLAGE'**, readings selected by Professor Baugh and Professor Morris in tribute to **Kamau Brathwaite** and **Derek Walcott** who both turned 70 in 2000. The production was directed by **Brian Heap** with **Carolyn Allen, Edward Baugh, Mervyn Morris, David Williams** and **Jean Small** performing the selected readings.

In January 2001, the **Derek Walcott Prize for Poetry** was instituted. The prize is named after the Department's most distinguished graduate who was awarded the NOBEL PRIZE FOR LITERATURE in 1992. A prize of J\$5000 was offered for the best poem. The award was presented to **Ms Camara Brown** by Professor Baugh at his Farewell Function. This was most fitting, as it was he who initiated the prize.

In February 2001, the Jamaica School of Drama, in collaboration with The Philip Sherlock Centre for the Creative Arts, honoured Dennis Scott and his work. Edward Baugh read from his work.

In March 2001, the Department, as part of our Career Series for Majors, presented a special guest lecture by **Dr Carolyn Gomes**, a student in our Department and Chairman of Jamaicans for Justice. Her topic was “Why do we need English Majors?” It was a very inspiring and insightful talk.

VISITING WRITERS

The Department was fortunate to have benefitted from the presence of Visiting Writers. In September 2000 we were privileged to have **Jean Binta Breeze** reading from her work. **Colin Channer** was Writer-in-Residence during the first week of November 2000. He presented several workshops and gave a public lecture. In March 2001 **Mr Trevor Rhone** lectured to E10C students who were studying his play *Old Story Time*. British novelist, **Zadie Smith**, author of the prize-winning novel *White Teeth*, gave an excellent reading from her work in April 2001 at the Philip Sherlock Centre for the Creative Arts. Jamaican born Graphologist, **Beverley East**, launched her best selling book, *Finding Mr Write: A New Slant on Selecting the Perfect Mate*, in April 2001, at the Philip Sherlock Centre for the Creative Arts. Copies of her book were on sale and went like hot bread!

RESEARCH IN PROGRESS

Ms Carolyn Allen

- Sylvia Wynter: A Transnationalist Rethinking Modernity.

Ms Carol Bailey

- Orality in Caribbean Prose Fiction.

Dr Michael Bucknor

- The Caribbean and Canadian Literature.
- The Diaspora: Revisioning Caribbean Cultural Identity
- Masculine Performance: The Art of Sex – Colin Channer’s *Waiting in Vain*.

Dr Carolyn Cooper

- Border Clash: Jamaican Dancehall Culture at Large.
- A Reader on Erna Brodber, co-edited with Dr Edwards.

Dr Norval Edwards

- Don't Mind Your Nationality: Reggae, Race, Nation, and Modernity
- Talk About a Little Culture: Caribbean Conversations on Culture and Criticism
- The Crime of these Identities: Rethinking Race and Nation in Anglophone Caribbean Literature
- Prophecy, Memory, and Social Living: Burning Spear's Vision of the Nation
- Towards that distant eye land of sound: Kamau Brathwaite's representations of diaspora.
- Folking up Theory: Popular Culture and Caribbean Aesthetic Theories.

Dr Curdella Forbes

- "...and the Dumb Speak': George Lamming's Theory of Language and the Epistemology of the Body in *The Emigrants*."
- "The End of Nationalism? Performing the Question in Benítez-Rojo's *The Repeating Island* and Glissant's *Poetics of Relation*."

Professor Mervyn Morris

- Helping to construct the Auto/biography of Jamaican actress Leonie Forbes.
- Editing a new collection of poems by the late poet Dennis Scott.

Professor Maureen Warner-Lewis

- A socio-historical contextualization of the Jamaican slave narrative of Archibald Monteath, (1790-1864).

Mr David Williams

- On the Representation of the City in the work of African-American and Caribbean Women Writers.

PAPERS PRESENTED**Ms Carolyn Allen**

- "Decoding this Creolized Mess: A Taxonomy of Code-switching Strategies in *Banana Bottom* and *Myal*" (Re)Thinking Caribbean Culture, Faculty of the Humanities, UWI, Cave Hill June 4-8, 2001.

- Discussant, “Labor Migration and the Caribbean Literary Imagination.” 26th Annual Conference of the Caribbean Studies Association, May 28 – June 2, 2001, Maho Beach, St. Maarten.

Mrs Carol Bailey

- “It is in Voice: The Aesthetic of Orality in Earl Lovelace *The Dragon Can’t Dance*.” 20th Annual West Indian Literature Conference, UWI, St Augustine, Trinidad, March 2-4, 2001.
- “*Ceremony* and *Myal*: A Postcolonial Reading.” Conference on Caribbean Literature, University of Miami, September 2000.

Professor Edward Baugh

- “Literary Theory and the Caribbean,” Conference on “(Re)thinking Caribbean Culture,” UWI, Cave Hill, June 2001.
- “The Woman of Words: Figures of Voice and Voicelessness in Anglophone Caribbean Women’s Writing.” The Charles Eaton Burch Memorial Lecture, Howard University, April 2001.
- “Walcott’s ‘Here’ and ‘Elsewhere’ and the Problematic of Identity,” 20th Annual Conference on West Indian Literature, UWI, St Augustine, March 2-4, 2001.

Dr Michael Bucknor

- “Masculine Performance – the Art of Sex: Austin Clarke’s *The Origin of Waves* and Colin Channer’s *Waiting in Vain*.” Panel Chair: “The Black Atlantic Thesis.” Conference on “(Re)thinking Caribbean Culture.” University of the West Indies, Barbados, June 4-8, 2001.
- “Troubled and Troubling Performances of Caribbean Masculinities Abroad: Austin Clarke’s *The Origin of Waves*.” 20th Anniversary Conference on West Indian Literature entitled “Caribbean Literature in a Global Context.” University of the West Indies, Trinidad, February – March, 2001.
- “ ‘Voices Under the Window’ of Representation: A Contemporary Reading of Austin Clarke’s *The Meeting Point*.” “Surviving The Crossing: Conference on the Works of Austin C. Clarke.” York University, Toronto, November 25, 2000.

Dr Victor Chang

- “Sexuality as Identity: Patricia Powell’s *The Pagoda*.” Conference on (Re)thinking Caribbean Culture, UWI Cave Hill, Barbados, June 5-8, 2001.

- “Uncertainties of Self: Patricia Powell’s *The Pagoda*.” 20th Annual Conference on West Indian Literature, UWI St Augustine, Trinidad, March 2-4, 2001.
- “ ‘Counter Culture’: The Chinese Shop in Jamaica.” Toronto Hakka Heritage Culture Conference, York University, December 29-30, 2000.

Dr Carolyn Cooper

- “ ‘Vile Vocals’: Exporting Jamaica Dancehall Lyrics to Barbados.” Conference “(Re)thinking Caribbean Culture.” University of the West Indies, Barbados, June 4-8, 2001. Presented also at the 20th Anniversary Conference on West Indian Literature entitled “Caribbean Literature in a Global Context.” University of the West Indies, St Augustine, Trinidad, February – March, 2001.
- “Erotic Disguise: (Un)dressing the Body in Jamaican Dancehall Culture.” Keynote Address, “Dance Under Construction”, Third Annual Graduate Student Conference of the University of California’s Departments of Dance, UC Davis, April 2001.
- “More Fire: Chanting Down Babylon From Bob Marley to Capleton.” The Bob Marley Lecture, University of the West Indies, Mona, February 2001.
- “(W)uman Tong(ue): Writing a Bilingual Newspaper Column in ‘Post-colonial’ Jamaica.” Society for Caribbean Linguistics Conference, University of the West Indies, Mona, August 2000.
- “Lady Saw Cuts Loose: Female Fertility Rituals in Jamaican Dancehall Culture.” Carifesta, St Kitts, August 2000.

Dr Norval Edwards

- “ ‘The Magic Pot Cannot Be Cleaned’: Interrogating Anthropology in Erna Brodber’s *Louisiana*.” Bates College Caribbean Seminar Series, May 14, 2001.
- “Memento Mori: Death, Memory, Writing, and Self-Invention in Jamaica Kincaid’s Writings.” 20th Anniversary Conference on West Indian Literature, March 1-3, 2001.

Dr Curdella Forbes

- “Global Currents and Spiritualism in Erna Brodber’s *Myal* and *Louisiana*.” 20th Annual Conference on West Indian Literature, UWI, St Augustine, March 2-3, 2001.

Professor Mervyn Morris

- “Miss Lou, Some Heirs and Successors”, at 20th Annual Conference on West Indian Literature, held at the St Augustine campus March 1-3, 2001.

Professor Maureen Warner-Lewis

- “The Impact of Africa on Caribbean Languages and Cultures,” Caribbean Critical Cultures, 7th Interdisciplinary Congress, University of Vienna, Austria, July 4-7, 2001.
- “Syllable-based Prosody in Trinidad Calypso: Examples from Lord Kitchener and David Rudder,” Columbia College (Chicago), Center for Black Music Research Colloquium on Music and Linguistics, Hilton Hotel, Port of Spain, May 23, 2001.
- “The Function of African Languages in Slave Resistance,” Symposium on “Slavery: A Comparative Exploration,” Howard University, Washington D.C., May 18-19, 2001.
- “The Character of African-Jamaican Culture,” The World Archaeological Congress Intercongress on the African Diaspora, Jacob Gelt Dekker Institute for Advances Cultural Studies, Willemstad, Curacao, April 19-26, 2001.

PUBLICATIONS

Refereed

Professor Edward Baugh

- * “A History of Poetry [from the West Indies],” chapter in *A History of Literature in the Caribbean*, Vol. 2. *English and Dutch-Speaking Regions*, ed James Arnold et al (Amsterdam, Philadelphia: John Benjamins, 2001), pp. 227-282.

Dr Carolyn Cooper

- * Noises in the Blood: Orality, Gender and the 'Vulgar' Body of Jamaican Popular Culture. Durham: Duke University Press, 2000; reprint of 1995 edition, (reprint of UK edition with new ‘Preface’).
- * “Lady Saw Cuts Loose: Female Fertility Rituals in Jamaican Dancehall Culture.” Juliette Crone-Willis, comp. *Proceedings: Dancing in the Millennium*. Washington DC: National Dance Association, 2000, 79-83.

- * “ ‘West Indies Plight’: Louise Bennett and the Cultural Politics of Federation.” *Social and Economic Studies*. 48.4 (1999): 211-228.

Dr Norval Edwrds

- * Edited Special Issue on Caribbean Popular Culture. *Small Axe* 9, March 2001.

Dr Curdella Forbes

- * “Revisioning Shakespeare: A Caribbean Feminist Perspective.” Slovak translation “Revidovanie Shakespeara: Karibska feministicka perspektiva” by Jana Wild. *Aspekt* 8.2. (April 2001)

Professor Mervyn Morris

- * “Post-Colonial Identity”, “Interview”, “Reunion” (poems), *Obsidian III* Vol.2 No.2, Fall/Winter 2000-2001, pp. 56-58.
- * “Moment of Truth”, “Farewell Function”, “Diptych”, “Persephone”, “A Chant Against Death” (poems), *World Literature Today* Vol. 75 No. 1, Winter 2001, pp. 76-77.
- * “The Poets”, “Farewell Function”, “Proposition One”, “Short Story” (poems, *Bearing Witness: The Best of the Observer Arts Magazine 2000* ed. Wayne Brown (Kingston: the Jamaica Observer, 2000), pp. 35-37.
- * “Oblation” (poem), *For the Geography of the Soul: Emerging Perspectives on Kamau Brathwaite* (ed.) Timothy J. Reiss (Trenton, N.J.: Africa World Press, 2001), p.85.
- * Interview in Kwame Dawes (ed), *Talk Yuh Talk: Interviews with Anglophone Caribbean Poets* (Charlottesville: University Press of Virginia, 2001), pp.47-60.

Professor Maureen Warner-Lewis

- * “Language Use in West Indian Literature”, A. James Arnold (ed.) *A History of Literature in the Caribbean*, v.2: English and Dutch-speaking Regions, Amsterdam/Philadelphia: John Benjamins Publishing Company, 2001, 25-37.

Non-Refereed

Professor Edward Baugh

- * “It Was the Singing” (poems), Toronto & Kingston: Sandberry Press, 2000.

Dr Michael Bucknor

- * “ ‘Musical Communion’ – A Personal Meditation” – A Review of the Don Drummond Concert, May 6, 2000. (*Social History Project Newsletter*, Department of History, #35, December 2000. 29-30).

Mr David Williams

- * Poems – in the Anthology *Bearing Witness*, ed. Wayne Brown, Kingston: *Jamaica Observer*, 2000, pp111-113.
- * “One Man’s Bob Marley,” the Arts, *Sunday Observer*, April 15, 2001, p.6.
- * “Blake, Eliot and Walcott,” *Journal of English Teaching*. Kingston, 2000, pp. 26-33.

PUBLIC SERVICE

Ms Carolyn Allen

- Member, Schools’ Drama Festival of Jamaica Committee
- Member, Organizing Committee of the Biennial Caribbean Schools’ Drama Festival, Little Theatre, Nov. 2000.
- Judge, Preston Hall Mr/Ms Preston Competition.

Mrs Carol Bailey

- Trainer/Judge, National Schools’ Debating Competition.

Professor Edward Baugh

- Member, Broadcasting Commission of Jamaica
- Member, Permanent Selection Committee, Norman Manley Award for Excellence
- Public Orator, Mona

Dr Michael Bucknor

- Adjudicator, National Secondary Schools’ Debate 2000-2001.

Dr Victor L. Chang

- Chairman, *West Indian Association of Commonwealth Literature and Language Studies(WIACLALS)*
- Editor, *Pathways*.
- Co-edited *Journal of West Indian Literature (JWIL)*

Dr Carolyn Cooper

- Associate, Centre for Urban and Community Research, Goldsmiths College, London University, UK
- Member, University of the West Indies Vice-Chancellor's Task Force advising on the UN Conference on Racism
- Member, National Steering Committee for the UNCTAD/WIPO Music Industry Project, Ministry of Industry, Commerce & Technology
- Member, Steering Committee for the Museum for the Development of Popular Jamaican Music, Institute of Jamaica
- Regional Editor, *Interventions: International Journal of Post-colonial Studies*

Dr Norval Edwards

- Member, Curriculum Review Committee, Faculty of Arts and Education, 1999 –
- Associate Editor, *Small Axe: A Journal of Criticism*, 1996 –

Dr Curdella Forbes

- Member, Communication Studies Panel, Caribbean Advanced Proficiency Examinations (CAPE).

Professor Mervyn Morris

- Member, Carreras Postgraduate Scholarship Selection Committee.
- Member, panel of judges for the Jamaica Festival Literary Competition.
- Member, panel of judges for the *Jamaica Observer* Literary Awards.

Professor Maureen Warner-Lewis

- Board Member, African-Caribbean Institute of Jamaica
- Member, Research & Publications Sub-committee, African-Caribbean Institute of Jamaica
- Liaison with UWI, Mona for the Jacob Gelt Dekker Institute for Advanced Cultural Studies, Willemstad, Curacao, Netherlands Antilles

Mr David Williams

- Chief Judge, *Jamaica Observer* Literary Competition
- Judge, Jamaica Cultural Development Commission (JCDC) Literary Competition, 2000, 2001

CATEGORIES OF STUDENTS

Undergraduate

Number Registered

Year I	307 (222 majors)
Year II	147 (107 majors)
Year III	182 (130 majors)
TOTAL:	636 (459 majors)

Course Registrations

Semester I	Sat	Pass	Fail	% Pass
E10A Introduction to Poetry	149	126	23	84.6
E10B Introduction to Prose Fiction	74	63	11	85.1
E10C Introduction to Drama	114	106	8	93
E10G Reading & Writing About Literature	45	22	23	10.3
E21G African/Diaspora Women's Narrative	77	62	15	80.6
E22A Drama I	67	58	9	86.6
E23A Key Issues in Literary Criticism I	70	60	10	85.7
E25C West Indian Poetry	43	40	3	93
E25D The West Indian Novel	66	41	25	62.1
E26D Creative Writing (Prose Fiction)	13	13	0	100
E32E Shakespeare II	31	23	8	74.1
E35B West Indian Lit. 'Special Author' Seminar	16	16	0	100
E37A African-American Literature	69	65	4	94.2
SUB-TOTAL:	834	695	139	

Semester II	Sat	Pass	Fail	% Pass
E10A Introduction to Poetry	76	59	17	77.6
E10B Introduction to Prose Fiction	121	91	30	75.2
E10C Introduction to Drama	74	46	28	62.1
E15A Introduction to Chaucer	36	32	4	88.8
E20D Love, Death and Poetry	105	96	9	90.9
E21H Modern American Prose Narrative	55	50	5	90.8
E22G Introduction to Shakespeare	74	71	3	95.9
E23D Key Issues in Literary Criticism II	33	22	11	66.6
E25E West Indian Drama	74	67	7	90.5
E25K West Indian Autobiography	13	10	3	76.9
E31C The City in Fiction	75	72	3	96
E35D West Indian Lit. 'Special Author' Seminar	17	14	3	82.3
E37B African-American Women Writers	66	47	19	72.2
SUB-TOTAL:	819	677	142	
TOTAL:	1653	1372	281	

First Class Honours: Melanie Ffrench

Postgraduate

Registration

PhD	8
MPhil	10
MA	25

Degrees Awarded

MPhil	Erica Gordon
MA	Tanya Batson
	Patricia Perry
	Pamella Virgo-Mills

DEPARTMENT OF MODERN LANGUAGES AND LITERATURES

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

WORK OF THE DEPARTMENT

Students and teachers of French will benefit from a five-year agreement between the UWI and the University of Bordeaux III, signed on April 17, 2001. The agreement provides for an exchange of language assistants, Study Abroad and Exchange programmes including special academic programmes, internships and practicums for undergraduate and graduate students, joint seminars, conferences and research activities. Under the agreement two students (one graduate and one undergraduate) participated in a three-week summer school programme at the University of Bordeaux, July 4-27, 2001.

An exhibition of posters on Caribbean writers was sponsored jointly by the Department of Modern Languages and Literatures and the Department of Literatures in English. The organizers of the exhibition ASCODELA (The Association for the Dissemination of Caribbean Literatures) featured the works of writers from the English, French and Spanish Caribbean, covering the nineteenth and twentieth centuries. An official opening was held in the Multi-functional Room of the Main Library on Wednesday, April 18, 2001. The department offered a non-credit summer course in Japanese conversation and culture from May 21 – June 28. It was open to UWI students, other members of the UWI community and the wider public. The department conducted the annual review of its programmes between May 29 and June 6, 2001. The retreat focussed on streamlining the objectives, content and evaluation of different language courses. The Department continued its series of in-house seminars for Staff and Postgraduate students. Lunch time and evening courses in Spanish, French and German were offered by the Language Laboratory to students, other members of the University community and outsiders.

OUTREACH

Dr. Françoise Cévaër served as Member of the Association of the Jamaica French Teachers (JAFT). **Dr. N'Zengou-Tayo** served as Treasurer of the Jamaica Association of French Teachers and as a member of the Editorial Board for the Journal of Haitian Studies.

STAFF

Mrs. Mireille Milfort-Ariza went on Sabbatical leave. The Department said goodbye to **Mr. Lloyd King** and **Miss Vivette Milson**, Foreign Assistants **Mr. Romann Datus** and **Mr. Gilles Lubeth**, as well as Japanese Volunteer Tutor **Natsuko Hosokawa**. **Dr. Elizabeth Wilson** retired from her post as Senior Lecturer in French. **Dr. Hugues Peters** returned from a 12-month Post-Doctoral Research Fellowship where he collaborated with other researchers in the Linguistics Department of the University of Geneva in the preparation of a French Reference Grammar for Advanced Adult Learners.

Extracurricular Activities

The Spanish club held its annual week-end, November 10-12, at Goblin Hill Hotel. Various high school students and teachers also participated in the event.

The first Japanese Speech Contest was held on Thursday, November 23, 2000. Seven students participated in the contest. The first prize was won by **Julie-Ann Duncan** and the second prize winner was **Roxanne Walters**. Students of Japanese also presented cultural items.

Modern Languages Drama Competition: 5 French and 6 Spanish students participated in the second annual Modern Languages Drama Competition held at the St. Augustine campus February 22-23, 2001 where two Mona students won Best Actress Prizes for their performances. **Nikeisha Kerr** won the prize for her role in the French play *En attendant Godot* (directed by Mrs. Jean Small), and **Pernais Morrison** for her performance in the Spanish play *El Retablo de las Maravillas* (directed by Mr. José Ignacio Callén).

The competition is a cooperative effort by the three UWI campuses and is designed to encourage students to use the foreign language to communicate in situations outside the formal classroom. The Embassy of Spain in Jamaica, through its Ambassador, sponsored the Spanish Theatre Group with a donation of US\$3,000.

The Spanish Club held its annual concert *Noche Latina* on Friday, April 20, 2001. Students performed various cultural items as well as the prize-winning play *El Retablo de las Maravillas*.

Gifts and Donations

The Japanese government donated a collection of dictionaries, books and other teaching material to the department's Japanese Language Programme on August 18, 2000.

The Spanish Ambassador, **Fernando de la Serna** presented awards to 8 students for their academic performance and participation in the Spanish club at the annual Spanish Awards Ceremony on November 9, 2000.

The department received a gift of \$20,000 from the Latin American Women's Club. This donation is an annual contribution which was used this year to provide assistance to 2 students who participated in the UWI-Colombia summer exchange programme.

Study Abroad/Student Exchange

French MPhil student, **Wendy Grant**, was appointed as a Foreign Assistant at the University of Bordeaux III for the academic year 2000/2001.

In Semester 2, Students of Business French spent the mid-semester break in Guadeloupe as part of a work-study programme. They gained practical experience in the use of French in business-related contexts.

A total of 18 French students were selected to spend a year working as English Foreign Language Assistants in France, Guadeloupe and Martinique. This programme has been facilitated by the French Government through its Embassy in Jamaica.

Twenty (20) Spanish students participated in the UWI-Colombia Summer Exchange Programme. They pursued a six-week immersion course in language and culture at the Universidad del Norte, June 16 – July 28, 2001. During the same period the department hosted 20 students from various Colombian Universities who pursued a course in English language and Jamaican culture.

RESEARCH IN PROGRESS

Mrs. Mireille Ariza

- Lexical and syntactic dimensions of the contact of French and Creole in Haiti.
- Implications of Foreign Language Teaching and Learning in a Creolophone country.

Dr. J. Ariza

- Mario Vargas Llosa: Intento crítico en la recreación de la historia: "La Fiesta del Chivo".

Miss Mariana González

- Distance Teaching/Learning with specific reference to Spanish as a Foreign Language.

Dr. Hugues Peters

- The Relationship between Focalization and Negative Fronting in French syntax.
- Linguistic approaches to French Poetry
- Reading in a Foreign Language
- Linguistically motivated grammars for French as a Foreign Language.

Dr. C. Williams

- Rereadings of the Spanish American Literary Canon
- Feminism in Spanish American and Spanish Caribbean Literature

PAPERS PRESENTED AT CONFERENCES

Mrs. Aracelis Aneđu

- “Actividades extracurriculares para desarrollar la competencia comunicativa en la enseñanza del español como lengua extranjera”, 7th Biennial Conference on Social Communication, Santiago de Cuba, January 22-26, 2001

Dr. Françoise Cévaër (with Lillith Barnaby)

- “Politiques linguistiques et intégration régionale: l'exemple du “CAPE” dans les pays anglophones des Antilles”, SEDIFRALE 2001, 12^{ème} Congrès Latino-américain de Professeurs et Chercheurs de Français Langue Etrangère, Rio de Janeiro, June 2001.

Dr. Marie-José N’Zengou-Tayo

- “Translators on a Tight Rope: The Challenges of Translating Edwige Danticat’s *Breath, Eyes, Memory* and Patrick Chamoiseau’s *Texaco*.” (With **Dr. E. Wilson**). Conference on Translation. Graduate Studies in Translation. University of Puerto Rico, Río Piedras, August 7-11, 2000.
- “Blurring Language Boundaries: The Use of Creole and French by Two Contemporary Haitian Novelists.” Bates College Conference on Haiti: Exploding the Myths, September 28-30, 2000.
- “The Viejo and the Congo: Literary Representation of the Haitian Cane Workers in Cuba and the Dominican Republic.” XXXIth Conference of the Caribbean Studies Association. St Maarten-St. Martin May 25-31, 2001.

Mrs. D. Preston

- “Translation and the Colonial Experience: The Case of Creole and English in Jamaica”, Conference on Translation Theory and Studies, Salamanca, Spain, November 16-18, 2000.

PUBLICATIONS

Refereed

Dr. Marie-José N’Zengou-Tayo

- * “Rewriting Folklore: Traditional Beliefs and Popular Culture in Edwidge Danticat’s *Breath Eyes, Memory and Krik? Krak!*” *MaComère, Journal of the Association of Caribbean Women Writers and Scholars*, James Madison University, Vol. 3, 2000, pp.123-140.
- * “Unwelcome Neighbors: The Haitian Popular Migration in the Writings of Some Caribbean Writers.” *Journal of Caribbean Literature* Vol. 2 No.1, pp.171-181.

Non-Refereed

Dr. J. Ariza

- * “Noticia de un secuestro [de GGM] o los límites de la ficcionalidad.” *Actas del XIII Congreso de la Asociación Internacional de Hispanistas* (Madrid 6-11 de Julio, 1998) Edición Florencio Padilla y Carlos Alvar, Madrid: CASTALIA 2000, vol. 4 pp. 1-9.

Dr. Marie-José N’Zengou-Tayo

Translations

- * “Foreword” by Professor Rex Nettleford. *Caribbean Quarterly* Vol. 47, No.1, March 2001, pp.vi-vii
- * “Ralekase” Preface to Serge Madhère, *Govi Lavi*, Washington: Edisyon Sophex, 2001, pp.7-10.
- * “Can Language Free Us from Subordination? Britton, Celia M: *Edouard Glissant and Postcolonial Theory: Strategies of Language and Resistance.*” *New World Studies* (A. James Arnold, Editor) University of Virginia Press, 1999. *Callaloo*. Vol. 23, No. 4, Fall 2000, pp. 1514-15.
- * “In Search of Creoleness. Chamoiseau Patrick. *Chilhood*. Translated from French by Carol Volk.” University of Nebraska Press, 1999. *Callaloo*. Vol. 24, No. 1., Winter 2001, pp. 366-67.

Dr. Hugues Peters

- * “Raising and Negative Quantification in French.” *Generative Grammar in Geneva 2* (2001): 15 p. (Department of Linguistics Working Papers) (Available online at <http://www.unige.ch/lettres/linge/syntaxe/journal/index..html>)
- * “La syntaxe de la quantification négative”, in Annick Englebert et al., eds. *Actes du 22e Congrès International de Linguistique et de Philologie Romanes – Bruxelles*, July 23-29, 1998. Vol. 6 Niemeyer, (2000): 403-410.

CATEGORIES OF STUDENTS

Undergraduate	French	Japanese	Portuguese	Spanish	German
Preliminary	159	25	10	538	10
Level 1	45	7		188	
Level 2	17	11		75	
Level 3	24			68	



L-R: Dr. Elizabeth Wilson, Senior Lecturer, Department of Modern Languages and Literatures, Mr. Jerome Dubois-Mercent, Counsellor for Co-operation and Culture at the Embassy of France, Dr. Claudette Williams, Head of the Department of Modern Languages and Literatures, Dr. Carolyn Cooper, Head of the Department of Literatures in English, Mr. Joseph Pereira, Dean of the Faculty of Arts and Education, H.E. Pierre-Antoine Bernard, French Ambassador to Jamaica, Professor Christine Raguet Bouvard, University of Bordeaux and Professor R. Nettleford, UWI Vice Chancellor.

Numbers Graduating 54

First Class Honours	Jason Allen	(French)
	Shana Dunn	(Spanish)

	Moya Rowtham	(Spanish)
	Les-Ann Woolcock	(Spanish)
Postgraduate	French	Spanish
MA	2	1
MPhil	4	3
PhD	2	2
Degrees awarded	French	Spanish
MA	3	3

PRIZES AND AWARDS

FRENCH

Gertrud Buscher Prize	Tamar Bailey
Prix Jambec	Rachel Depestre
William Mailer Prize	Justine Willoughby
William Mailer Scholarship	Edward Boucher

SPANISH

Gabriel Coulthard Prize	Cordel Smith-Shaw
Paul Davis Memorial Prize	Gregory Gordon

DISTINGUISHED VISITORS

Prof Christine Bouvard, Head of the English Department, University of Bordeaux III

André Mamann, French Senator

His Excellency Takashi Matsumoto, Japanese Ambassador

His Excellency Fernando de la Serna, Spanish Ambassador to Jamaica

UWI-University of Bordeaux Cooperation Agreement

DEPARTMENT OF EDUCATIONAL STUDIES

Mrs. Esperanza Tomlinson, BSc UWI, Dip Ed Edin, MEd Birm
– Head of Department

WORK OF THE DEPARTMENT

During this year the Department conducted a review of all of its undergraduate courses, guided by current trends in teacher education. These included the need to incorporate new technologies into teaching, to address gender issues and literacy across the curriculum, to prepare teachers for addressing inclusion in all they teach, and to respond to the demands of the CAPE syllabus. The Curriculum Review was co-ordinated by Dr Zellynne Jennings. A Curriculum Committee was also set up to review course outlines before submission to Faculty Board. The provisions in the department for information and communication technology in teacher preparation formed an integral part of the curriculum review. The year saw an increase in the number of computers made available in the department and this made it possible to recommend ED20Y: Introduction to Computer Technology as a compulsory course for all students in the Bachelor of Education programme as from the 2001-2 academic year. A new course (ED20X: Issues and Perspectives in Education) which integrated the foundations areas and which was specifically designed for students with the three years teachers college diploma was also developed for implementation in the 2001-2 academic year. Several staff members received training in putting their courses on line in preparation for the launching in the summer of 2001 of the MEd on line.

One staff member, **Dr Susan Anderson**, was awarded her PhD. Her thesis was entitled ***In Pursuit of Personal Excellence: Educational Barriers, Opportunities and Experiences of Jamaican Students with Disabilities.*** Members of the Department (Dr Beverley Bryan, Mrs Paulette Feraria and Dr Zellynne Jennings) assisted by Dr Hazel Salmon and Dr Velma Pollard conducted a four week workshop during the summer (July 2001) for a group of 12 teachers from the University of Columbia who were being prepared to train teachers to teach English as a Second Language. ED20Y and ED20C were other courses offered during the summer which attracted a large number of students.

Dr Beverley Bryan, Dr Zellynne Jennings and Mrs Esperanza Tomlinson took part in a panel discussion on 'Developing Researchers in the School of Education: Implications for the UWI'. This was part of the

symposium on Leadership in Educational Research: From the Inside Out” which was hosted in May 2001 by the School of Education as the culminating activity of the JBTE/University of Alberta training programme.

Other highlights of the year included members of staff's participation in a number of workshops and conferences, including *Workshop on Crime and Violence in the Society* – coordinated by **Prof. Barry Chevannes**, UWI, October 2000, the annual Education Forum, the tenth annual conference of the Joint Committee for Tertiary Education which focused on the theme ‘*Quality Assurance in Tertiary Education*’ held at the Hilton Kingston Hotel on April 26, 2001 and the National Conference of Mathematics Teachers held in Kingston in October 2000. **Mr John Hayter** and **Mrs Camille Bell-Hutchinson** played leading roles in making this conference a success, with the strong support of the Head of Department, **Mrs Esperanza Tomlinson**.

Documentation Centre

The Documentation Centre continued to provide resources and services in support of teaching and research in the School of Education despite the challenge of very limited resources. Clients also included students, researchers and practitioners from the wider university community, the teachers colleges, and the education sector in general.

Collection: Significant acquisitions included the UNESCO monograph series, EFA in the Caribbean: Assessment 2000.

Equipment: Three new computers were acquired during the year under review.

Services: Services included a presentation to the second year Research Methods students on resources and services that could help them in the preparation of their literature review. The presentation included an introduction to the ERIC databases. The Centre continued to provide training in the use of the databases and the INTERNET.

Bachelor of Education: 2000-2001

BEd (66 Credits)					BEd (90 Credits)			
Options	No. Ent.	No. Grad.	% Pass	1st Class	No. Ent.	No. Grad.	% Pass	1st Class
Early Childhood Ed.	28	25	89	1				
Primary Ed.	19	18	95	4				
Special Ed.	7	5	71	0				
*Mng. Lrng. Difficulties	20	15	75	1				
History Ed.	14	12	86	1				
Language Ed.: English	17	15	88	1	6	6	100	1
Modern Lang. Spanish	11	9	81	3				
Lit. Studies	21	17	81	1				
Maths. Ed.	11	5	45	2				
Science Ed.	27	9	33	1				
Social Stud./Geog.	27	24	89	8				
Ed. Admin.	41	36	88	3				
Librarianship	17	12	67	1	1	0	0	0
TOTAL	230	202	87.8%	27 (11.7%)				

**Managing Learning Difficulties*

Diploma in Education: 2000-2001

Option	Admitted	Pass	Incomplete	Distinctions
History Education	7	7	–	
Language Education: English	7	6	1	1 in Theory & Practice
Mathematics Ed.	3	1	2	–
Science Education	15	14	1	1 in Theory & Practice 1 in Practice 4 in Theory
Language Education: Modern Foreign Language	8	5	3	2 in Theory
Social Studies/Geography	4	4	–	1 in Practice
Ed. Administration	4	4	–	2 in Practice
TOTAL	48	41	7	

Graduate Programme: 2000-2001

	Accepted									
	# of Appl.	Teach. Ed	Sci. Ed	Lang. Ed.	Ed Admin	Maths Ed	# Def'd	# Reg.	# Grad.	# Submitted Research Papers but did not make Graduation
	185	16	11	12*	19	9**	10	204	30	6
TOTAL	185	67					10	204	30	6

* Of the 12, three were required to do qualifying courses

** Of the nine, four were required to do qualifying courses

RESEARCH IN PROGRESS

Susan Anderson

- Educating Students with Emotional and Behavioural Disorders
- Dealing with violence and aggression in the classroom: Some Suggestions.

Anne-Maria Bankay

- (Español avanzado a Spanish textbook designed for the CAPE syllabus)

Camille Bell-Hutchinson

- Characterizing the learning experience of students in the secondary mathematics classroom in Jamaica
- Pedagogy and the development of mathematical thinking skills
- Spatial thinking skills and females in secondary schools in Jamaica

Beverley Bryan

- An evaluation, through case studies of good language and literacy practice in Jamaican schools.

Augustine Ezenne

- A study of school organisational climate in St. Vincent
- A study of job satisfaction among secondary school teachers in Jamaica
- Development of primary and secondary education in Belize
- Economics of education in developing countries
- A study of the management of school facilities in Jamaican schools
- A study of leadership behaviour of secondary school principals in Jamaica
- A study of human resource management in education in Jamaica.

Paulette Feraria

- Research on language policy and planning in Jamaica and the implications for the treatment of the Jamaican Creole by Education planners and practitioners.

Jodi Grant

- Literature Based Language Arts Project Phase II

Myrtle Harris

- Perceptions of secondary school principals, teachers and librarians of the role of librarians in secondary schools
- Information sources in education

John Hayter

- Using computers in the teaching of mathematics
- Characterising the learning experience of students in the secondary mathematics classroom in Jamaica

Zellynne Jennings

- Curricula for inclusion: preparing teachers in a poor developing country
- The development of a common measure for adult literacy across the Caribbean

Dian McCallum

- Engaged in ongoing small-scale research based on residential seminars attended in Sheffield, England.

Marcia Rainford

- Classroom Assessment Practices of Grade 7 Integrated Science Teachers and Implications for Continuous Assessment.

Kola Soyibo

- Effects of teaching strategies on Jamaican 9th and 10th graders' environmental knowledge.

PAPERS PRESENTED**Susan Anderson**

- “Developing the Whole Child”. The Third Caribbean Early Childhood Conference, Ocho Rios, St. Ann, Jamaica, July 10-14, 2000.
- “Education and Social Provision for Slow Learners in the Region”, Mico Care Centre/Jamaica Association for Children with Learning Disabilities, November 2000.

Beverley Bryan

- “Developing Qualitative Researchers”. University of Alberta/UWI Symposium. School of Education, Mona. May 2001.
- “Language Variation and Language Use among Dominican Teachers: A Survey of Teachers”. Dominica Country Conference, Roseau, Dominica. January 2001
- “The Evolution of Language Education Policy in the Caribbean”. Colloquium of the Society for Caribbean Linguistics. Mona, Jamaica. August 2000.

Augustine Ezenne

- “Financing of University Education in Jamaica: The case of the University of the West Indies”. Annual Conference of the British Society for Research into Higher Education (SHRE) University Leicester, England, December 18-20, 2000.

Paulette Feraria

- “Issues and Practices in Teacher Education”. Annual Professional Development Conference of Teacher Educator , Jamaica Conference Centre June 18, 2001

Jodi Grant

- “Review of draft of Language Arts Syllabus”, Joint Board of Teacher Education Primary Programme, April 2001
- “Literature Based Language Arts Project”. Jamaica All Age School Project (JAASP). Woodford All Age School, June 2001
- “Children’s Literature as a Vehicle for Integration. Improving Educational Quality Jamaica Project”: September 2000
- “Using Children’s Literature in the Primary Classroom”. Sam Sharpe Teachers’ College: February, 2001
- “Using Children’s Literature for Enrichment”. First Regional Conference on the Gifted and Talented, Conference Centre, Kingston, Jamaica, April 2001

Zellynne Jennings

- “The role of philosophy in curriculum development” Ministry of Health (National Curriculum committee, Nursing & Midwifery) seminar. Jamaica Conference Centre, April 12, 2001.

- “Developing Researchers in the School of Education: Implications for the UWI – A panel Discussion” (Member of Panel) *Leadership in Educational Research: From the Inside Out* School of Education, UWI, Mona, May 10-11, 2001
- “Overview of Project on the Development of a Draft Common Measure of Adult Literacy and Strategies for Addressing Literacy Problems in Selected Caribbean Countries UNESCO seminar, “*Devising Common Measures for Adult Literacy Across the Caribbean*”. The Court Leigh Hotel, Kingston, Jamaica, June 26-27, 2001.
- “A Framework for Curriculum Review”. United Theological College of the West Indies, Curriculum Review, UTCWI, July 1, 2001.

Kola Soyibo

- “Relationships among Jamaican eleventh graders’ variables and biology performance”. (With M Clayton-Johnson). 74th annual meeting of the National Association for Research in Science Teaching (NARST), St Louis, Missouri, USA, March 27, 2001. (22 pages).

PUBLICATIONS

Refereed

Susan Anderson

- * “Teacher’s Perception of the Importance of Administering the Learning Style Inventory to Students in Schools.” In *Education Theory and Practice: The Caribbean Perspective*. Tony Bastick (ed) UWI, Department of Educational Studies, 2000.

Beverley Bryan

- * “The role of linguistic markers in manufacturing consent: Jamaican Creole in the classroom”. In *Respect Due: Papers on Caribbean English and Creole, in honour of Professor Robert Le Page, a pioneer*. The Press: UWI, Mona. 79-96
- * “Issues of Theory and Practice in a Plan of Action for Literacy Improvement in Jamaica”. In *Caribbean Journal of Education*. Vol. 20(1) 54-67
- * “Introduction to Language Learning and Teaching in a Creole-speaking environment”. *Caribbean Journal of Education*. Vol. 20 (1) 1-8

- * “The Teacher and Instructional Development in the Classroom”. In *Education Theory and Practice: The Caribbean Perspective*. Tony Bastick (ed) pp 39-46 (2000)
- * (With Oliver Mills) “Management of Student Discipline and Behaviour in School”. *Education Theory and Practice: The Caribbean Perspective*. Tony Bastick (ed) pp 137-146 (2000)
- * (With Olga James-Reid) “Teachers and Stress Management in Schools”. In *Education Theory and Practice: The Caribbean Perspective*. pp 147-154 (2000)
- * (With Oliver Mills) “The Role of Educational Foundations in Teacher Education”. *Education Theory and Practice: The Caribbean Perspective*. pp 155-161 (2000)
- * “Models of Leadership Behaviour for Educational Organisations”. In *Education Theory and Practice: The Caribbean Perspective*. pp 163-172 (2000)

Paulette Feraria

- * “Preparing the Teacher as Reflective Practitioner: Some Emerging Trends in a Teacher Education Programme at the University of the West Indies, Jamaica.” *Journal of Education and Development in the Caribbean* Vol. 4 No. 2 2000 pp107-122

Jodi Grant

- * 2000. Reader’s Theatre Scripts from the Caribbean. (ed) Davis & Associates: Kingston, Jamaica
- * (With Wilson, D., Smikle, J.) “A Study of the Literature-Based Language Arts Project 1998-2000”. School of Education: Kingston, Jamaica

John Hayter

- * Johnson D, J Hayter and P Broadfoot. ‘The Quality of Learning and Teaching in Developing Countries: Assessing Literacy and Numeracy in Malawi and Sri Lanka DFID Education Research Paper (pp 76) (2000) DFID
- * Book review with D Johnson in *Comparative Education* Vol 37 Number 2, May 2001 (p 246-7) relating to ‘Learning from Comparing – Vol 1: contexts, classrooms and outcomes’ Alexander R et al Oxford, 1999

Zellynne Jennings

- * “Constraints on Content and Methodology Preparation: Commonwealth Caribbean Teachers Colleges”. *Dimensions of Teaching and Learning: The Caribbean Experience*. Brown, M. (ed). (2000). Institute of Education, UWI, Mona. 29-65
- * “Functional literacy of young Guyanese Adults” *International Review of Education* (Germany) Vol. 46 Nos 1 and 2, 2000, 93-116.
- * “Adult Literacy in the Commonwealth Caribbean with special reference to a study of the functional literacy of young Guyanese Adults” *International Journal of Lifelong Education* (U.K.) Vol. 19 No. 3, 2000 : 385-406

Kola Soyibo

- * “Heinemann university matriculation examination (UME) revision series: Biology”. Ibadan: Heinemann Educational Books Nigeria Plc. (127 pages).
- * (With McKenzie-Briscoe, B., McCulloch, S., & Beaumont-Walters, Y.) “Essentials of science teaching”. Kingston, Jamaica: Joint Board of Teacher Education, UWI, Mona. (107 pages)
- * (With V Clarke-Ellis). “An assessment of seventh and eighth graders’ ability to comprehend a science textbook written at fifth graders’ level”. *Journal of Science and Mathematics Education in Southeast Asia* 23, 2 (2000): 82-94.
- * (With M G Lee). “Domestic and school violence among high school students in Jamaica”. *West Indian Medical Journal* 49, 3 (2000): 232-236.
- * (With A Hudson). “Effects of computer-assisted instruction (CAI) on 11th graders’ attitudes to biology and CAI and understanding of reproduction in plants and animals”. *Research in Science & Technological Education* 18, 2 (2000): 189-197.
- * “Planning lessons for science teaching”, *Education theory and practice: Caribbean perspectives*. (ed). Tony Bastick. Jamaica: University of the West Indies, Department of Educational Studies, 2000. 109-124.
- * “Questioning techniques in science teaching”. *Education theory and practice: Caribbean perspectives*. (ed). Tony Bastick. Jamaica: University of the West Indies, Department of Educational Studies, 2000. 109-124.

Non-Refereed

Camille Bell-Hutchinson

- * Eleven (11) articles in The Daily Gleaner, 2000-2001 “Window on Mathematics” series.

John Hayter

- * Edited 23 articles for the year 2000 Maths Column (2000-2001).
- * Edited 25 articles in “Window on Mathematics” series, The Daily Gleaner, 2001

Augustine Ezenne

- * “Financing of Secondary Education in Jamaica (2001)”, Proceedings of the 5th Biennial Conference of Teacher Education. School of Education, University of the West Indies, St. Augustine. Trinidad & Tobago.

PUBLIC SERVICE

Susan Anderson

- University Member on Interviewing Panel for teachers’ Scholarships – Ministry of Education and Culture;
- External Examiner/Moderator, Mico Teachers’ College Diploma Programme;
- Committee Member, Partners of America;
- University Representative to the Board of Management of the Jamaica Institute for Excellence in Education (JIEE);
- Board Member, Mona Rehabilitation Foundation.

Anne-Maria Bankay

- Assistant Chief Examiner for CXC Spanish
- Chairperson, Steering Committee, National Conference of Teachers of Mathematics held in October 2000.
- Member of the Mathematics in Mathematics Education Group (MIME)
- Chief Examiner, Caribbean Secondary Education Certificate (CSEC) Mathematics
- Panel Member, CAPE Mathematics and CAPE Statistical Analysis.

Beverley Bryan

- Presenter, Literature in Language Teaching, National Association of Teachers of English (NATE), Kingston, Jamaica, May 2001
- Advisor, Committee Developing National Language and Literacy Policy, MOEC, May 2000 – July 2001

Augustine Ezenne

- Member, Jamaica Association of Human Resource Professionals (JAHRP)
- Member, Research and Publication Committee (JHHRP)
- Member, British Society for Research into Higher Education (SRHE)
- Member, British Educational Management and Administration



Educational Administration students handing over school library project to the Bermaddy Primary School

Society (BEMAS)

Paulette Feraria

- Member, Ministry of Education and Culture – Consultant/Advisory Committee – Language Education Policy for Jamaica
- Consultant/Trainer for Editors, Carlong Publishers, February 24, 2001 & March 3, 2001.

Jodi Grant

- Member, Technical Advisory Team – GOJ/UNICEF Preprimary Classroom. Sam Sharpe

John Hayter

- Training and Curriculum consultancies for Ministry of Education, Dominica
- External Examiner for Teachers College Teaching Practice, JBTE
- Member, Organising Committee for National Conference of Mathematics Teachers (October 2000);
- Organiser, First Problem Solving Contest for 12 High Schools (April 2001)

Zellynne Jennings

- Member, Association for Supervision and Curriculum Development
- Member, National Society for the Study of Education (NSSE)
- Member, American Educational Research Association

Marcia Rainford

- Assistant Chief Examiner, CXC chemistry

Kolo Soyibo

- External examiner/moderator, BEd studies, Faculty of Education and Liberal Arts, U Tech, Kingston Jamaica.

INSTITUTE OF EDUCATION

Professor Errol L. Miller, BSc Lond UCWI, MA, PhD UWI
Dip Ed UCWI, HDip Ed UWI – Head of Department

WORK OF THE DEPARTMENT

For the Institute of Education and Joint Board of Teacher Education, the 2000-2001 academic year was active and exciting. Some of the highlights of the year under review included the following:

The Institute continued to experiment with delivering Master's courses on-line. Four courses were delivered on-line during the year: ***Cognition and Learning*** by Dr. Monica Brown, ***Inside Classrooms*** by Dr. Hyacinth Evans, ***Research Methods*** by Dr. Rosemarie Johnson and ***Administration of Technical and Vocational Education Programmes*** by Dr. Halden Morris. Based on the successful experience in delivering courses on-line, the Board for Graduate Studies gave permission for the Master in Education to be delivered through summer and on-line courses. This new modality for the delivery of the MEd expands access to higher degrees in education offered here at Mona to students across Jamaica and the region.

Two programmes – ***Educational Administration*** and ***Teacher Education*** – were advertised for the new academic year as the first to be delivered by this new modality. Forty-three students have been offered places.

Dr. Hyacinth Evans published the book ***Inside Jamaican Classrooms***.

Professor Errol Miller delivered the 2001 Grace Kennedy Foundation Lecture and authored the monograph accompanying it: ***Jamaica in the Twenty-First Century: Contending Choices***.

Dr. Wilton Barham, Fulbright Scholar, spent the academic year in the Institute of Education. He conducted research on teacher development and teacher retention in Jamaican schools and participated fully in the life and work of the Institute.

Professor Patrick Diamond of the Ontario Institute for Studies in Education of the University of Toronto, and External Examiner for two Master in Education courses, visited the Institute. He gave a public lecture and had two staff seminars with staff of the School of Education.

The Joint Board of Teacher Education commenced the implementation of the pilot project to test link all colleges training teachers in Jamaica through microwave signals transmitting voice, video and data. Mr. Wayne Warren of Intermatics, Winnipeg, Canada conducted training sessions for the Institute and JBTE staff as well as staff from Mico, Shortwood and St. Joseph's, the three colleges included in the pilot. Some of the activities to be conducted in the pilot include video conferencing, orientation of new staff, facilitating the teaching of pedagogy by linking college classrooms to classrooms in their practicing schools to expand student teachers' exposure to live teaching and team teaching of courses across colleges.

Under the leadership of **Mrs. Marceline Collins-Figueroa**, the Institute began the implementation of the **Greening of the Colleges Project** at Shortwood and Church Teachers Colleges. Funded by ENACT, the purpose of this project is to promote environmental awareness and education by engaging the entire institution in the development of policies, programmes and practices that will enrich and enhance the physical and social environment of the institution.

The Joint Board of Teacher Education, working collaboratively with the American Institute for Research and with funding from the United States Agency for International Development, continued to implement the reform of the Jamaican Primary Teacher Preparation Curriculum in four subject areas: Language Arts, Mathematics, Social Studies and Science. The project also includes the training of college staff in the delivery of the new curricula.

The Institute said farewell to two of its stalwart senior staff members: **Dr Donald Wilson** and **Mr. Karl "Jerry" Craig**.

Publications Unit

During this academic year, the *Caribbean Journal of Education (CJE)* became a publication of the School of Education, Mona, and not as previously, a UWI three-campus publication. The unit published a double issue on Arts Education, edited by Ms. Joan Tucker; and a special issue, papers by Professor John J. Figueroa on education, language teaching, and literature and language teaching, compiled by Dr. Velma Pollard, was in press.

Sonia Chin is Publications Officer and Sherron Duffus is Production Assistant.

RESEARCH IN PROGRESS

Dr. Monica Brown

- Reviews of publications focusing on adolescent learning needs across different cultures.
- Preparation of a monograph in collaboration with Dr. Barbara Bailey focusing on participation and performance of Jamaican students and the perceptions of a sample of students of their school experience.

Miss Vilma Charlton

- Physical Education Enhanced Practicum Project (Mico Teachers' College) aims to give the Years 1, 2 and 3 student teachers more practice in the teaching of physical education.
- Proposed School for Young Sportsmen and Sportswomen who miss school in order to represent the country locally or abroad, keep up with all aspects of their school's curriculum.

Mrs. Marceline Collins-Figueroa

- Environmental Education in Teacher Education.

Mrs. Rose Davies

- Pedagogical Approaches of Grade 1 Primary Teachers from Two Pre-service Programmes

Mrs. Vileitha Davis-Morrison

- Curricular Change in Jamaican Teacher Education: Perspectives from Language Arts and Social Studies Methods Courses.
- Education for Active Citizenship and Democratic Governance.
- Education for Values and Character: Myth or Reality in the Formal Curriculum and in the Teaching Strategies Implemented.

Dr. Hyacinth Evans

- Learning to Be a Teacher Educator.

Dr. Clement Lambert

- Developing Information and Communication Technology Programmes for Improving Jamaican College English.
- Curricular Change in Jamaican Teacher Education: Perspectives from Language Arts and Social Studies Methods Courses.

Mrs. Ceva McPherson-Kerr

- Factors Impacting on Outcomes in Mathematics at the College Level.
- Problem Solving in the Mathematics Classroom – Primary, Secondary and Teachers College Levels.

Professor Errol Miller

- Standards in the Jamaican primary school system.
- 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.
- Out-of-school and at-risk youth aged 10 to 18 years.
- 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.
- The process of the introduction of computer-assisted instruction in primary and secondary schools in Jamaica and its impact on the quality of participation and performance of teachers and students.

Dr. Halden Morris

- Interaction with industrial organizations. An examination of the scope of interaction of industry with technical/vocational entities.

Dr. Moses Peart

- Technology in Education Training Needs Assessment: The Case of Jamaica's Teachers Colleges.
- Evaluation of Education Management Information System (EMIS) Pilot of the GPI Software, conducted in St. Lucia.
- Preparing for Online Learning: The Challenges of Caribbean Tertiary Institutions.

Dr. Gagindra Persaud

- Structure of Intellect Model. The research is geared toward establishing a model of the intellectual functioning of Jamaican students.
- A Screening Test for Applicants to Teachers' Colleges.
- College Entry Criteria. This research proposes to identify the major personality and cognitive factors that are the most reliable and valid predictors of the successful teacher.

PAPERS PRESENTED

Mrs. Rose Davies

- “As the Twig is Bent so Is the Tree Inclined: Influencing the Development of the Young Child”. NCTVET Graduation Ceremony for the First Group of Early Childhood Workers trained in the New Certification System, March 2001.
- “The Importance of Literacy in Developing the Human Potential”. Annual Lay Magistrates’ Sponsored Schools’ Essay Competition Award Ceremony, June 2001.

Dr. Hyacinth Evans

- “Teacher Education in Jamaica: Towards New Knowledge”. 8th Annual Seminar on Education held in Havana, Cuba, February 2001.
- “Issues in Gender and Gender Equality in the Caribbean”. 7th Meeting of the Regional Inter-governmental Committee of the Major Project, Cochabamba, Bolivia, March 2001.
- “A Framework for the Preparation of New Teacher Educators”, and “Implementing Student-Centered Teaching on a School Wide Basis”. Annual meeting of the Comparative and International Education Society held in Washington D.C., March 2001.

Dr. Clement Lambert

- “An exploration of Jamaican teacher educators’ reading beliefs and practices”. A Symposium, UWI School of Education Lecture Theatre, May 2001.
- “Teaching of Literacy in Jamaican Schools”. Presented to visiting students from the University of Wisconsin, Whitewater and University of Technology, Kingston, Jamaica, January 2001.
- “Family Literacy: Possibilities for Jamaica”. Jamaica All Age Schools Project Trainers Workshop, Medallion Hall, Kingston, Jamaica, March 2001.
- “Involving Parents in the Literacy Development of Their Children”. Ministry of Education Resource Teachers’ Workshop, Jamaica Grande, Ocho Rios, August 2000.

Mrs. Ceva McPherson-Kerr

- “Problem Solving at the Primary Level”.
- “Making Mathematics Fun”.

- “Developing Thinkers in Mathematics for the 21st Century: ‘Bringing It Together’ ”, Final Plenary Session, National Conference of Teachers of Mathematics, Jamaica, Mico Teachers’ College, October 2000.

Professor Errol Miller

- “Education/Training and the New Workplace: Some Introductory Remarks”. Mona Academic Conference, September 2000.
- “An Assessment of Foundation for the Future”. The OECS Ministers of Education Meeting, St. Georges, Grenada, October 2000.
- “Achievements and Challenges in Caribbean Education”. Conference on the Future of the Caribbean. Wilton Park, Sussex, England, October 2000.
- “A Model for Retaining Boys in School”. The YMCA and Upliftment of Adolescent Project Seminar on Retaining Boys in School. Courtleigh Hotel, Kingston, November 2000.
- “Issues in Commonwealth Caribbean Education”. Caribbean Union of Teachers and Educational International Regional Conference. Jamaica Grande Hotel, Ocho Rios, Jamaica, March 2001.
- “Teacher Professionalism and Accountability”. Jamaica Teachers Association Teacher Development Conference. Jamaica Grande Hotel, Ocho Rios, Jamaica, May 2001.

Dr. Halden Morris

- “Certificate of Prior Learning – Benefits for the Labour Force”. International Vocational Education and Training (IVETA) Conference, July 2001.
- “The Construction Engineer as an Educator”. Degree Programme in Construction Engineering and Management. University of Technology, August 2001.

Mrs. Vileitha Davis-Morrison

- “Doing Research Right: Field-based Study in Geography”. Workshop, Shortwood Teachers’ College, May 2001.

Dr. Moses Peart

- “Preparing for Online Learning: Issues, Challenges and Instruction Design Preparations”. Seminar for School of Education staff, 2001.

PUBLICATIONS

Mrs. Rose Davies

- * Contributing Author: NCTVET- Early Childhood Educators' Curriculum Manual – Level 1 (Published by NCTVET Press, July 2001).
- * Contributing Author: Report Document on Strategic/Operational Review – National Early Childhood Programme Service Delivery Model (October 2000).
- * “Investing in Early Childhood Education and Development in Jamaica: Perspectives, Problems, Possibilities and On Becoming a Teacher Educator”. *Journal of Education and Development in the Caribbean*, Vol. 20, April 2001.

Dr. Hyacinth Evans

- * *Inside Jamaican Schools, Kingston, Jamaica*. UWI Press, 2001, 164pp.
- * “Becoming a Teacher Educator in Jamaica: Some Initial Findings” (with Monica Brown, Rose Davies and Joan Tucker) *Journal of Education and Development in the Caribbean*, 4 (2) 2000, pp. 93-106.
- * “The Construction of Gender and Achievement in Secondary Schools”, *Caribbean Journal of Education*, 21 (1 & 2) 2001, pp. 35-36.

Dr. Clement Lambert

- * (With Jackson, R.) “Mek blood owta stone? Integrating Children's Literature across the Jamaican Primary School Curriculum”. *Institute of Education Annual* 3.

Professor Errol Miller

- * “Gender, Power and Politics: An Alternative Perspective”. In *Gender, Peace and Conflict*. Edited by Inger Skjelsbaek and Dan Smith. International Peace Institute and Sage Publications. Oslo and London, 2001. pp. 80-103.
- * *Jamaica in the Twenty-First Century: Contending Choices*. Grace Kennedy Foundation, Kingston, 2001. 81 pp.
- * “Innovating on a Shoestring: A Western Caribbean Case Study”. *Techknowlogia: International Journal for the Advancement of Knowledge and Learning*. Vol. 3, Issue 2, 2001.

- * “Access to Tertiary Education in the Commonwealth Caribbean in the 1990s”. In *Higher Education in the Caribbean: Past, Present and Future Direction*. Edited by Glenford Howe. University of the West Indies Press, Kingston. pp. 117-141.
- * (With Didacus Jules and Leyton Thomas) “Pillars for Partnership and Progress: OECS Educational Strategy to 2010”. OECS Education Reform Unit. Organisation of Eastern Caribbean States Secretariat, Castries, St. Lucia, 2001.

PUBLIC SERVICE

Dr. Monica Brown

- Member, Advisory Committee on Health & Family Life Education, Ministry of Education, Youth & Culture, Jamaica.
- Member, UNICEF (Area Office, Barbados) Advisory Committee on Strengthening Health and Family Life Education in CARICOM Member States.
- Member, Editorial Review Board for *Curriculum and Teaching Dialogue – Journal for the American Association for Teaching & Curriculum* (AATC).
- Member, Board of Governors, St. Hugh’s Preparatory School, Kingston, Jamaica.
- Member, Steering Committee on the Selection of Master Teachers – Ministry of Education, Youth & Culture, Jamaica.

Miss Vilma Charlton

- 4th V.P. Jamaica Amateur Athletic Association
- Member, Jamaica Physical Education Association
- Member, National Sports Council
- Member, Carreras Sports Foundation
- Member, International Council for Health, Physical Education, Recreation, Sport & Dance in the area of Physical Education at the Primary and Secondary Level.

Mrs. Marceline Collins-Figueroa

- Commissioner, National Commission of Science and Technology
- Member, National Environmental Education Committee

- Member, Environmental Action (ENACT) Programme Steering Committee
- Member, Management Committee of the ICWI Group Foundation Science Learning Centre
- Working Member, Commission of Education and Communication, North American and Caribbean Region, The World Conservation Union (IUCN)
- Working Member, Pre-Secondary Science Advisory Committee International Council of Associations for Science Education, England.

Mrs. Rose Davies

- Member, Bachelor of Education Programme Advisory Committee, Shortwood Teachers' College.
- Director, Multicare Foundation Board
- Vice Chairman, Board of Directors, Shortwood Teachers' College
- Member, Ministry of Education and Culture
- Member, Project Team – PIOJ/KPMG Strategic/Operational Review of the National Early Childhood Programme Service Delivery Model (March – October 2000).
- Member, Children's Issues Coalition, UWI

Dr. Clement Lambert

- Member, Advisory Committee, Ministry of Education & Culture Literacy Improvement Initiative Committee.
- Member, Planning Committee, Ministry of Education Summer Literacy Programme, 2001.

Mrs. Ceva McPherson-Kerr

- Member, Steering Committee, National Conference of Teachers of Mathematics, Jamaica.
- Member, Committee Mathematics in Mathematics Education (M.I.M.E.)
- Board Member, Morant Bay High School.
- Executive Member, Parent Teachers' Association and Team Manager/Chaperone Track & Field Team, Wolmers High School for Girls.

- Member, Committee for Women’s Affairs, Jamaica Amateur Athletic Association.
- Team Manager/Chaperone, Jamaica Amateur Athletic Association: C.A.C.A. Junior Team to Bahamas July 2001.

Professor Errol Miller

- Chairman, Board, Youth Opportunity Unlimited
- Chairman, Electoral Advisory Committee
- Chairman, American Studies Association of Jamaica
- Vice-Chairman, Mico Foundation and Chairman of the Finance Committee.
- Vice Chairman, Board, Instructional Technology Institute
- Member, Technical Advisory Task Force of LEARNLINK, Academy for Educational Development. Washington, D.C.
- Member, Advisory Committee, National Assessment Programme, Ministry of Education.
- Member, Fulbright Alumni, Jamaica

Dr. Halden Morris

- Technical Chair, JamCon 2000 Conference – Institute of Electrical and Electronics Engineers, Jamaica Section.
- Chairman, Assessment and Certification Committee for the National Council on Technical and Vocational Education and Training.
- Member, Advisory Committee, Jamaica Maritime Institute
- Chairman, Development Committee, Overseas Examination Council
- Member, Management & Finance Committee, Overseas Examination Council
- Member, Jamaica Association of Technical and Vocational Education and Training
- Chairman, Institute of Electrical and Electronics Engineers – Jamaica Section.
- Member, Management Committee, Vocational Training Development Institute (VDTI)

**INSTITUTES
AND
RESEARCH CENTRES
LOCATED AT MONA**

Year ending July 31, 2001

ADVANCED TRAINING & RESEARCH IN FERTILITY MANAGEMENT

**Professor the Hon. Hugh H. Wynter, OJ, CD, MD *Lond*, FRCOG,
FICS, FACS, FACOG – Director**

WORK OF THE DEPARTMENT

Mission

The mission of the Advanced Training and Research in Fertility Management Unit (ATRFMU) is to promote, develop and deliver training, research, outreach and clinical services in the areas of Reproductive Health (including family planning) and Health and Family Life Education throughout Cariforum countries.

Overall Objectives

To implement and evaluate the effectiveness of reproductive health/family planning/health and family life education programs, in pursuit of the national development goals of CARICOM and other countries.

Training

Training activities for the academic year 2000/2001 are as follows:

- Meetings with guidance counsellors and peer counselors from selected educational institutions in the immediate environment of the UWI and two rural secondary Schools took place – August 25, 2000 and April 26, May 31 and June 12, 2001.
- **Objective:** To identify programs and strategies currently used to address sexual/reproductive health and other developmental concerns of youth in these educational institutions.

Adolescent Sexual and Reproductive Health pilot program funded by UNFPA.

- This project ended April 2001 in the three project sites of Montego Bay, Clarke's Town and Maxfield Avenue.
- A training sensitisation seminar was conducted in Montego Bay in September 21, 2000.

- Reproductive Health sensitisation workshops were conducted in Montego Bay and Clarke's Town on selected weekends September 29 - November 12, 2000.
- A two day sensitisation workshop was held for 17 community workers from Clarke's Town, December 6-8, 2000.
- Members of the training staff and the Assistant Director attended meetings at UNFPA, National Family Planning Board (Executing Agency) and met with other component implementers in the Project (Advocacy, IEC etc.)

Proposed Distance Education MSc in Counselling.

Plans continue for implementation of this programme January 2002.

- Meetings to discuss the program took place including the following persons, Pro Vice Chancellor Errol Morrison, Pro Vice Chancellor Lawrence Carrington, Professor Barry Chevannes, Professor Frederick Hickling, Professor Badri Koul (Barbados), Resident Tutors and Government Officials (Ministers of Education/Health and other government officials), Non Governmental Organisation in Campus and Non-Campus territories with UWIDEC sites.
- Mrs. Barbara Miller, Assistant Registrar, Graduate Studies and Research.
- Miss Christine Marrett and staff, UWIDEC.
- Miss Patricia Harrison, Office of Finance, UWI.

The programme was advertised and there were Two Hundred and Fifty (250) applicants and One hundred and Eighty Four (184) were eligible for acceptance. Applications were received from all countries with UWIDEC sites. Writers have been contracted for all courses. All writing checked for Intellectual Property Rights and permission requested accordingly.

Course SY21P – Reproductive Health and Family Life Education:

This course was conducted - Semester II academic year 2000/2001 for 25 students. All were successful.

Reading Room

Discussions with the Medical Library continues regarding the upgrading of the Reading Room to access current information on Reproductive Health.

Health and Family Life Education

CARICOM Health and Family Life Education (HFLE) Project funded by UNDCP, implementing agent UNICEF, Barbados.

This project officially ended in April 2001 and the period May-June 2001 used for preparation of reports related to closure of the project.

During the period under review the main activities in this project were as follows:

- The Outreach Coordinator visited countries in the Eastern Caribbean and had meetings with the Country Teams who were planning the in-country phase of the Facilitators Programmes during the period August 30 – September 2000.
- Workshops conducted in Antigua, November 20-24, 2000 for Teachers, Health Workers and Community Development Officers.
- Meeting of the National committee which is responsible for the in-country training activities of the HFLE project in Dominica, November 26-29, 2000.
- Meeting of the National Committee to promote HFLE in St. Vincent, December 7, 2000.
- Regional Teacher Training Workshop for Teacher Educators held in Barbados, March 26 – April 5, 2001 sponsored by UNICEF and PAHO. Thirty one (31) Educators from 15 CARICOM states attended.
- In-country training activities for HFLE implementers
 - St. Vincent – January 23-24, 2001
 - St. Kitts – March 12-15, 2001.
- Meetings of the HFLE country team in St. Lucia - April 10, 2001
- Tri-Partite Review meeting in Barbados, June 27, 2001 to discuss draft of the final report.

Collaboration with Joint Board of Teacher Education

- Workshop conducted for Teacher Educators in Jamaica, December 12-13, 2000. This was funded by UNICEF, Jamaica

Community Policing – Jamaica.

- Collaboration continues with the Second Chance Programme of the Jamaica Constabulary Force and the closing exercise for a Screen Printing course for the Police Youth Clubs in Kingston and St. Andrew took place August 24, 2000.
- Planning meeting with potential volunteer parties, November 15, 2000.
- Graduation exercise for forty Police Youth Club members who completed courses in Computer and Electrical Installation.

**Health and Family Life Education sub-committee
Ministry of Education, Jamaica**

The Training coordinator attended meetings of the HFLE sub committee of the Ministry of Education, Jamaica.

Communications with other agencies

Continuous communication was maintained with University Centres, Ministries of Health and Education in Jamaica, and Eastern Caribbean.

Clinical Services

The following clinical services were offered during the period under review:-

Contraceptive Methods

Pills
Injections
IUCD
Norplants
Condoms

Surgical Procedures

Tubal Ligations – Laparoscopic
Culdoscopic
Laparoscopy – Diagnostic and Operative
Vasectomy
Hysteroscopy

Infertile women for Diagnostic and Operative Laparoscopy are counselled pre and post operatively and referred to Gynae Out-Patient Clinics for follow-up.

In-Vitro Fertilisation

In-vitro Fertilisation for couples continues.

Research

Youth Now Project – funded by Futures Group International, USA.

- Baseline Survey of Adolescents ages 10-19 years attending school in three communities in Northern St. Elizabeth (Balaclava, Maggotty and Lacovia High Schools).
- Questionnaires administered to 900 adolescents.
- Data entry and analysis in progress.

PAPERS PRESENTED

Pansy Hamilton

- “Implications of Gender on the Health Budget 2001” Department of Economics, UWI, February 24, 2001, 15 pages
- “Caribbean Construct of Fatherhood”, Centre for Caribbean Medicine, London England, June 19, 2001, 15 pages.

PUBLICATIONS

Pansy Hamilton

- * “Gender and Health in Government Allocations: An Analysis of the Ministry of Health's Budget 1997/98.” Chapter 3 in The Construction of Gender Development Indicators for Jamaica. Edited by Patricia Mahommed, Kingston, Jamaica: Planning Institute of Jamaica.

PUBLIC SERVICE

Professor Hugh Wynter, OJ, Director

- Chairman, National Family Planning Board
- Member, Board of Governors, Wolmer's Boys School
- Trustee, Wolmer's Schools Trust

M. Jean Munroe, OD, Assistant Director

- Member, Board of Gallimore McPherson Senior Citizens Home, St. Margaret's Church, Liguanea
- Member, University Hospital Trust
- Member, Lion's Club of St. Andrew, Central
- Member, Dental Council of Jamaica
- Member, Jamaica Association of Health Service Executives
- Member, Management Committee, School of Medical Radiation Technology, UHWI

Pansy Hamilton, Research Fellow

- 2nd Vice President, Young Women's Christian Association
- Vice President, Jamaica Association of Health Executives (Education)
- Member, Board of Directors Whole Person Resource Centre

Lillith Williams, Training Coordinator (Lecturer)

- Member, Jamaica Association of Mentally Handicapped Children
- Member, Jamaica Red Cross Association

Joan Meade, Training Officer

- Member, Association of Health Service Executives
- Member, Lions Club of St. Andrew Central
- Member, Heart Foundation of Jamaica

Amy Lee, Research Fellow

- Family Counsellor, Barbican Baptist Church
- Family and Adolescent Counsellor at Family Court and Women's Crisis Centre

Elaine Jackson, Training Officer

- Member, National Intercessory Network of Jamaica
- Director for Music Ministry, Word of Life Christian Fellowship

CATEGORIES OF STUDENTS

Clinical Training

During the period under review the following were trained;

Undergraduate	46 (medical students)
Post Graduate	11 (doctors pursuing DM)
Post Basic	
Pupil Midwives	44

Course SY21P – Reproductive Health and Family Life Education

Undergraduate	25
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DISTINGUISHED VISITORS

Dr. N. Andino, UNFPA

Miss Hetty Sergeant, UNFPA

Dr. Mary Kitundi, Winona State University, USA

Mrs. Liz Scholefield, UWIDEC, Cayman Islands

Dr. Phyllis Pitt-Miller, Faculty of Medicine, St. Augustine

Dr. Christian Harper, Dean GTZ Consultant

Dr. Paul Donald, St. Mary's Hospital, Manchester UK

AGRICULTURE UNIT

Dave G. Hutton, BSc UWI, MSc C'nell, Diploma (Nematology)

Universidad Centrale de Venezuela – Agriculture Representative

The Faculty of Agriculture and Natural Sciences (FANS) 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, Mona i) represents the SoA of FANS at the UWI Mona Campus; ii) interacts with the wider Jamaican agricultural and related communities on behalf of the SoA; iii) coordinates the SoA External Programme in Agriculture in Jamaica; and iv) carries out relevant adaptive research. The Representative lectures to and supervises UWI and other students by special arrangements.

WORK OF THE UNIT

Administrative support was given to SoA students completing degrees and other requirements in Jamaica. The Representative coordinated i) the SoA's 10-week On-Farm Attachment Programme (Course AC 32D) in Jamaica by negotiating assignments and visiting the students and supervisors at their worksites; ii) dispatch of Jamaican students in the SoA's exchange programme with the University of Wisconsin – Madison, and iii) participation of two SoA students in the Agricultural Skills Programme offered by the College of Agriculture Science and Education (CASE), Jamaica. The Representative served as Internal Examiner for M.Phil. Thesis, Soil Science Dept., SoA. Materials, documents, information, etc. emanating from the SoA were supplied to various Jamaican interests. The Representative served on the Planning Committee to and participated in the UWI/Mona 2001 Career Expo, and mounted exhibitions on the SoA, and on careers in agriculture.

The Representative delivered a two-hour Economic Nematology lecture to Course Z22F (Management of Pests and Pesticides) Mona students, and served as University Examiner for Course BL20M. The Representative promoted the SoA, and gave talks/demonstrations on careers in agriculture at Career Days and similar events at various high schools, etc. The Unit supervises 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 foreign cultivars. The Unit participated in the third UWI/Mona Research Day.

The Representative collaborated with the Research and Development Department, Ministry of Agriculture (MINAG) to establish a protocol for nematological research. The Unit has developed a simple hot water dip technique to disinfest yam heads of injurious nematodes. This technique was demonstrated at Field Days in Trelawny (four separate occasions), Manchester, Portland and St. Ann in collaboration with RADA, and/or the Domestic Food Crops Programme, MINAG, for students, extension officers, farmers and other interests. The Representative made presentations on the benefits of soil solarization to similar constituencies in collaboration with RADA or the Coastal Water Quality Improvement Project (CWIP).

The Representative is a member of the National Youth in Agriculture/RADA Schools' Agricultural Programme Committee, whose objective is to reinforce the integration of agriculture into schools' curricula, and to encourage the involvement of Jamaican youth in the study/practice of agriculture. The Committee staged relevant events islandwide for schools and youth groups, culminating in competitions at the Denbigh Agricultural Show; the Representative served as chief judge for two competitions. Two scholarship winners, sponsored by the Trafalgar Development Bank through financing from the German Development Bank, were in place at the FANS, and two, sponsored by the Bank of Nova Scotia, Jamaica, at CASE. The representative delivered 10 hours of Economic Nematology lectures to CASE A.Sc. final year students. The Representative is Vice-Chairman, and sits on four sub-committees of the National Food and Nutrition Coordinating 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. The Representative participated in several NFNCCJ events.

Soil and plant samples were analyzed (on a complimentary basis) for noxious nematodes for several farmers, householders, institutions or agencies, and relevant nematode control recommendations or assistance with addressing plant nematode problems given. The Unit continued a survey of banana fields for plant nematodes at Annotto Bay, St. Mary on behalf of Agricultural Product of Jamaica and is collaborating with the Coffee Industry Board to address substantial nematode problems at certain locations. The Representative sat on interview panels for the Calvin Foster Memorial/Caribbean Cement Company, and National Youth in Agriculture/RADA, etc. scholarship awards. The Representative sits on the "Sugarcane Task Force", set up to determine the cause of a "disease" claimed to be devastating sugarcane cultivations all over Jamaica. The Representative attended/participated in several conferences, seminars, field

days, training days, workshops, symposia and other such events hosted by UWI, MINAG, CARDI, IICA, the Jamaican Society for Agricultural Sciences (JSAS), etc., and sat on sundry MINAG committees set up to address topical issues.

The Representative attended the Twelfth Symposium of the International Society for Tropical Root Crops (ISTRC) in Tsukuba, Japan in September 2000. Literature and other materials (e.g. sweet potato weevil lures) obtained from that Conference were passed on to CARDI, the Biotechnology Centre, MINAG Research and Development Dept., etc. The Representative is currently striving to coordinate a visit to Jamaica and Trinidad by personnel from the National Agriculture Research Centre, Japan re exchange of sweet potato germplasm.

The External Degree Programme in Agricultural and Rural Development by Distance Teaching (EPA)

Twenty-seven students were enrolled in the EPA for 2000/2001, seventeen in the MSc., two in the Diploma, and eight in the Certificate Course programmes. The Unit administers this programme in Jamaica, being the contact point for students, providing information, advice, supervision, counselling or administrative support, and interaction with St. Augustine. The Representative is Local Supervisor for the Research Project of one MSc. student. The Representative coordinated the visit of a three-member team (including the Dean, FANS) to Jamaica, and participated in the team's promotion of the EPA.

RESEARCH IN PROGRESS

- Lethality of household disinfectants, plant residues or extracts to plant or free living nematodes *in vitro*, or in soil.
 - Bleach, Dettol, Jeyes Fluid, other disinfectants, crude pimento oil or one derivative, and other “safe” chemicals are being investigated for nematocidal activity. Crushed, dried pimento leaf and the three named disinfectants have shown strong soil activity against several plant nematodes.
- Determining the effectiveness of bleach, Dettol, Jeyes Fluid and other “safe” chemicals to disinfest yam planting material of noxious nematodes.
 - Previous trials proved bleach, Dettol and Jeyes Fluid to be as effective as nematicide or hot water dips to disinfest yam planting material of destructive nematodes, resulting in improved plant vigour and production.

- Persistence in soil of household disinfectants used as nematicides.
 - Low rates of the disinfectants are proving to be as persistent in soil as traditional nematicides, but somewhat less effective in suppressing soil and root populations of destructive nematodes.
- Confirming pathogenicity of *Phomopsis dioscoreae* to yam.
 - Yam plants in a field at St. Leonards, Westmoreland were affected by a disease caused by *Phomopsis dioscoreae*, a fungus not previously reported in Jamaica. Pathogenicity tests are being carried out in order to complete a “new disease” report for publication in an international journal.

PAPERS PRESENTED

- **Hutton, D.G.** “Growth and bearing of nematode-infested yellow yam dipped in household disinfectants”. Twelfth Symposium of the International Society for Tropical Root Crops (ISTRC); Tsukuba, Japan. September 10 – 16, 2000. Oral presentation.
- **Hutton, D.G.** and G. Dunkley. “Efficacy of household disinfectants to suppress *Scutellonema bradys* infestation of sweet yam (*Dioscorea alata*) planting material”. Fifth Conference, Faculty of Pure and Applied Sciences, The University of the West Indies, Mona. January 8 – 11, 2001. Poster presentation.

PUBLICATIONS

Non-refereed

- * **Hutton, D.G.** and E. E. Plummer. 2001. *In vitro* nematicidal activity of three household disinfectants or crude extracts of pimento leaf or two organic amendments. JAGRIST (The Bulletin of the Jamaican Society for Agricultural Sciences (JSAS)) 13: 36 – 39.
- * **Hutton, D.G.** 2001. Efficacy of household disinfectants or pimento leaf residue to manage nematode infestation in soil. JAGRIST (The Bulletin of the Jamaican Society for Agricultural Sciences (JSAS)) 13: 40 - 44.

PUBLIC SERVICE

- Vice Chairman, the National Food and Nutrition Co-ordinating Committee of Jamaica (NFNCCJ)
- Member, the Jamaican Society for Agricultural Sciences;
- 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, The Sugarcane Task Force.

DISTINGUISHED VISITORS

Dr. Alain Kermarrec, INRA, Guadeloupe.

CENTRE FOR GENDER AND DEVELOPMENT STUDIES MONA UNIT

Kamala Kempadoo, PhD *Colorado, MA Ohio State, MA Amsterdam*
– Temporary Lecturer-in-Charge

WORK OF THE UNIT

Established in the University of the West Indies, September 1993, the Mona Unit, Centre for Gender and Development Studies, completed its eighth year of existence in this academic year 1999/2000. The Unit is committed to continued work in the fields of gender and development studies through the areas of Teaching, Research and Outreach.

Dr. Patricia Mohammed, Senior Lecturer in Charge of the Mona Unit, was awarded two years Research Fellowship leave by the University of the West Indies, Mona Campus, for the period August 2000 to July 2002, for her research project **Iconography and Image in the Evolution of the Caribbean**. She handed over to Dr. Kamala Kempadoo who assumed duties as Acting Lecturer in Charge from August 1, 2000 to July 31, 2001. Dr. Kempadoo was on leave from the University of Colorado, Boulder, where she worked as an Assistant Professor in the Women's Studies programme.

Staffing of the Mona Unit and Fulbright Fellows

Mrs. Beverly Shirley, Senior Administrative Assistant and Mrs. Shakira Maxwell, Temporary Teaching/Research Assistant at the Unit, continued to carry out the work of the Unit. Along with Dr. Kempadoo, they were joined by Ms. Shani O'Neal, Fulbright graduate student from the University of California, Los Angeles. Ms. O'Neal completed the first leg of her research programme in Semester One and moved on to the St. Augustine Campus for Semester Two. During her stay here in Jamaica, her primary function was that of a researcher on the research/action project entitled **The Making of Caribbean Feminisms**

Dr. Edna Bay, Fulbright Fellow from Emory University, Georgia, was also attached to the Unit in Semester Two of this academic year. She has carried out extensive research on women in Africa where she also lived for many years. She undertook the teaching of the undergraduate course AR20A – Gender in Caribbean Culture II.

Due to the limited space for existing staff in the Unit, arrangements were made with the Department of Geography to provide office space for Ms. Shani O’Neal, and with the Sir Arthur Lewis Institute to provide office space for Dr. Edna Bay. The Unit occupies only 300 sq. ft of floor space and is physically challenged for space to house both its equipment and facilities as well as a staff of six persons.

Website

Mrs. Shakira Maxwell worked in collaboration with the Webmaster, Mr. Patrick Anglin, in constructing and developing the Mona Unit website.

Dorian Powell Prize

The Mona Unit established the Dorian Powell Prize Award in 1999, to honour the most outstanding undergraduate student(s) who had pursued at least three courses in gender offered through the Centre.

The Prize of \$15,000 was offered for the first time this year 1999/2000, and was shared by two students, **Charmaine Langoth** and **Yolande Gyles**. Dr. Patricia Mohammed made a personal contribution of \$5000 to the Prize. The awards function was held at the Senior Common Room, University of the West Indies, December 18, 2000, hosted by the Centre for Gender and Development Studies, Mona Unit, and organized by Ms. Beverly Shirley and Ms. Shakira Maxwell.

Lucille Mathurin Mair Public Lecture Series

The Unit has so far, hosted two Lucille Mathurin Mair Public Lectures held in commemoration of the International Day of Women – 1998 and 2000. The Lectures were presented by **Professor Joycelyn Massiah** and **Dr. Peggy Antrobus** respectively:

- Professor Joycelyn Massiah “On the Brink of the New Millenium: are Caribbean Women Prepared?” University of the West Indies, Jamaica, March 1998.
- Dr. Peggy Antrobus “The Rise and Fall of Feminist Politics in the Caribbean Women’s Movement 1975-1995” University of the West Indies, Jamaica, March 2000.

Both Lectures were published by the Mona Unit and have been in great demand both by students and faculty as well as other interested members of the public. The publications are offered for sale at minimal cost at the Mona Unit and also at the University Bookshop.

During this academic year, the Unit is presently engaged in the preparation for the next Lecture to be held on March 6, 2002, at the Philip Sherlock Centre for the Creative Arts, University of the West Indies.

Conversations with Gender

This year, the Mona Unit launched its fifth annual discussion seminar series **Conversations with Gender** geared to engage the University community and the public in new and interesting debates within gender. Held at the Sir Arthur Lewis Institute, February 22, 2001, the two presenters were Dr. Edna Bay and Dr. John Campbell, who spoke under the theme “Women, Power and Slave Production in the 18th and 19th Century Atlantic World”.

RESEARCH IN PROGRESS

The Mona Unit

– Constructing Masculinity and Femininity in the Caribbean

The Unit is engaged in the project **The Making of Caribbean Feminism** that seeks to map the histories and construction of feminism in the region. It attempts to bring together existing material pertaining to prominent women and men, feminist organizations as well as grass roots activism in the struggle for gender equity and equality in the English speaking Caribbean in the twentieth century.

– Gender, Peace and Development

A project, funded by UNESCO which aims to identify initiatives, organizations and individuals involved in policies, strategies, initiatives and publications on gender, peace and development in the Northern Caribbean. A counterpart team is conducting research on the southern and eastern Caribbean from Trinidad. Researchers in Jamaica are: Mrs. Shakira Maxwell, Ms. Nicola Smith and Ms. Olatz Landa with Team Leader, Dr. Kamala Kempadoo. Dr. Gwendolyn Williams is the coordinator of the project for UNESCO. Reports were submitted to UNESCO by the researchers in Jamaica.

Kamala Kempadoo

Dr. Kempadoo was one of the five consultants to the UNFPA/UNICEF research project **Meeting Adolescent Development and Participation Rights in Jamaica**. Her specific task was to conduct a study to determine the factors that shaped the initiation of early sexual activity among adolescent girls and boys.

Patricia Mohammed

– History and Gender Relations

Dr. Mohammed completed the first year of her Campus Research Fellowship from the Office of the Principal.

Gender Equity

Dr. Mohammed continued as the Chief External Advisor on the gender equity initiative of the Cayman Government assisting the policy formulation process as researcher and advisor.

Outreach

FAMPLAN

The Mona Unit has been a member of the Family Planning Association (FAMPLAN) since 1997. Through collaboration with this Association, the Unit is integrally involved with the Brothers for Change project. This is the first group of its kind which provides counseling for men who batter, under the supervision of court appointed probation officers.

The Unit facilitated the program **Gender Based Violence and HIV/STDs** on FAMPLAN's Members' Day, moderated by Shakira Maxwell November 25, 2000, held at Club Jamaica, Ocho Rios.

Living Caribbean Feminisms

In collaboration with the School for International Training (SIT), the Mona Unit organized and participated in a discussion "Living Caribbean Feminism" on February 20, 2001, at the Social Welfare Training Centre, University of the West Indies, Mona. Father's Incorporated, Women working for Transformation and Sistren Collective, also participated.

Other Activities

Mrs. Shakira Maxwell, Research Assistant to the Unit participated as discussant on the KLAS radio talk show programme *My Place* hosted by Mr. Michael Anthony Cuff. She represented the Mona Unit in its involvement with FAMPLAN Jamaica, including hosting meetings with this Association in their visits to collaborate with the Centre for Gender and Development studies. In keeping with their policy to alleviate gender violence, the Unit

through Mrs. Maxwell, commemorated with FAMPLAN Jamaica, the occasion of International Women's Day, 2000.

PAPERS PRESENTED

Kamala Kempadoo

- “Liberating Sex: The Future of Prostitution,” plenary talk at the inaugural conference Feminist Utopias, of the Institute for Women's and Gender Studies, University of Toronto, Canada, November 8-10, 2000.
- “A Transnational Feminist Agenda on Sexwork: Thinking Through the Impossible?” inaugural conference At The Meridians, hosted by Meridians Journal, Smith's College, Northampton, March 8-10, 2001.
- “Recuperations and Revisionings: Transnational Feminism in action” plenary speech at the National Women's Studies Association 22nd annual Conference, Minneapolis, June 13-17, 2001.

Patricia Mohammed

- “To All to Whom these Presents Shall Come” keynote address at the opening ceremony of the Caribbean Heritage Week, Brown University, Rhode Island, February 22, 2001.

Shakira Maxwell

- “An Exploration of Gender Relations among the Ex-Slave Population in Jamaica: Looking at Sources and Methodology” 21st Anniversary Celebrations of the Social History Project, Department of History, University of the West Indies, Jamaica, April 21, 2001.
- “Recovering Women's Voices: Exploring Sources of Data in Post-Emancipation Jamaica” conference Atlantic Crossings: Women's Voices, Women's Stories from the Caribbean and the Nigerian Hinterland, Dartmouth college, New Hampshire, USA

PUBLICATIONS

Kamala Kempadoo

- * “Freelancers, Temporary Wives, and Beach boys: Researching Sex Work in the Caribbean” *Feminist Review*, No. 67, (Spring 2001): 28-51.

- * “Women of Color and the Global Sex Trade: Transnational Feminist Perspectives”, *Meridians: Feminism, race, Transnationalism* Vol 1.2, (Spring 2001): 39-63.

Patricia Mohammed (ed)

- * “The Construction of Gender Development Indicators for Jamaica”, Commissioned by the Planning Institute of Jamaica, United Nations Development Program and the Canadian International Development Agency, 2000.
- * “The Emergence of a Caribbean Iconography in the Evolution of Identity” in Brian Meeks and Folke Lindahl, (eds) *New Caribbean Thought: A Reader*, Kingston: University of the West Indies Press, 2001
- * “A Very Public Private Man: Trinidad's Eric Eustace Williams (1911-1981)” in Anton Allahar (ed), *Caribbean Charisma: Reflections on Leadership, Legitimacy and Populist Politics*, Kingston, Boulder and London: Ian Randle and Lynne Rienner Publishers, 2001.
- * Book review of “Gender: A Caribbean Multi-disciplinary Perspective”, Elsa Leo-Rhynie, Barbara Bailey, Christine Barrow (eds.) *Development and Change*, The Hague, Vol. 31 (2000).

TEACHING

Undergraduate

The Undergraduate courses offered through the Mona Unit were:

AR20M – Men and Masculinities

AR20A – Gender in Caribbean Culture I

AR20B – Gender in Caribbean Culture II

AR21A – Introduction to Women's Studies I

AR21B – Introduction to Women's Studies II

In Semester II of this academic year, AR20M - Introduction to Men and Masculinities was taught for the first time at the University of the West Indies. The aim of the course is to explore the construction of Caribbean masculinities using gender as an analytical category.

Other Teaching

Course Development

- Dr. Patricia Mohammed developed two course outlines, “Feminist Theory” and “Gender and the Caribbean Family” for the Distance Teaching **Certificate Course in Gender and Development Studies** administered through the Regional Coordinating Unit of CGDS.
- Dr. Patricia Mohammed and Mrs. Shakira Maxwell assisted Ms. Rebecca Shaw, a graduate of the University of the West Indies now teaching in Belize, in the development of two courses on women and gender studies at a High School in Belize, South America.

University of Maryland

Mrs. Shakira Maxwell represented the Mona Unit at the University of Maryland Summer Institute, July 5-20, 2001, and participated in the Curriculum Transformation Project under the theme “Women's activism and Feminist Thought”.

Awards

Dr. Patricia Mohammed was awarded **Caribbean Advocate of the Year** by Brown's University, Providence, Rhode Island, not only for her work and activism in feminism, but particularly for her work relating to Caribbean identity through image and iconography which addresses the issue of diaspora and heritage. She delivered the keynote address *To All to Whom These Presents Shall Come* at the opening ceremony held February 22, 2001, which inaugurated the Caribbean Heritage Week celebrated each year by students of Caribbean descent.

DISTINGUISHED VISITORS

Dr. Mayke Kromhout, Amsterdam Research Institute for Global Issues and Development Studies, University of Amsterdam.

Dr. Deborah Thomas and **students** of Wesleyan University.

Ms. Christine Scott-Dunkley, Canadian International Development Agency (CIDA).

Ms. Gladys Acosta Vargas, United Nations International Children and Educational Fund (UNICEF).

Ms. Annmarie Campbell and **Ms. Althea Bailey**, GTZ Programme,
Ministry of Health.

CENTRE FOR GENDER AND DEVELOPMENT STUDIES REGIONAL UNIT

Barbara Bailey, BSc, BSc (Med. Microbio), PhD, DipEd UWI
– **Regional Co-ordinator**

WORK OF THE CENTRE

INTRODUCTION

Eight years after its establishment as an Interdisciplinary Centre for conducting teaching, research and outreach, and despite its limited resources, the Centre continues to play an increasingly important role in local, regional and international efforts geared towards the achievement of gender equality and equity. This continues to be accomplished mainly through:

- Teaching and Research

- Consultations and training workshops
- Executing regional projects on behalf of multi-lateral agencies.

STAFF

The Unit, through the efforts of **Dr. Leith Dunn**, the Acting Regional Coordinator for the year 2000/01, was able to acquire the service of **Ms Michelle Davis**, a recent graduate of the M.Sc. Programme in Gender and Development Studies, for two years from June 2001 - June 2003. Ms Davis' employment is supported by the Co-operant programme of the Canadian Government through the Canadian International Development Agency (CIDA) and CUSO, a Canadian Development Agency.

Dr. Bailey met with the Vice-Chancellor for a second time, and again made representation to him about the staff situation in the Unit and the volume of work which was there to be done. She spoke specifically to the need for a Coordinator for the new 18-month *Certificate Programme in Gender and Development Studies* which was being developed with funding from the Government of the Netherlands through a project of support in *Teaching, Research and Outreach in Gender and Development Studies*. The Vice-Chancellor agreed to the employment of someone at the Assistant Lecturer level for a period of 18 months, beginning January 2002.

TEACHING & CURRICULUM DEVELOPMENT

Graduate Teaching

Teaching of the third cohort of students in the 18-month M.Sc. degree in *Gender and Development Studies* has ended. In September 2001 there will be a new intake of graduate students. As Acting Regional Coordinator of the Centre for the year, **Dr. Leith Dunn** was responsible for co-ordination of the graduate programme, and supervised and was first examiner for five of the students. In September, Dr. Dunn convened a small committee to select students for awards provided by the Royal Netherlands Embassy, and hosted an awards ceremony in September 2000, where Mr Roelof Buffinga, First Secretary of the Royal Netherlands Embassy, made the presentation to the three students selected.

Undergraduate Teaching

Dr. Dunn delivered two guest lectures to undergraduate students in the Faculty of Social Sciences and the Faculty of Arts and Education.

Intercampus Staff Exchange

A small grant from the Government of the Netherlands through the Project of Support for Teaching, Research and Outreach in Gender and Development Studies has made it possible for staff from each unit to contribute to teaching and to hold seminars among the four Units of the Centre. Dr. Bailey, while on sabbatical leave, was able to visit and do teaching sessions with undergraduate and graduate students at Cave Hill. This exchange has enabled students over the life of the project to receive another perspective on their subject area, and this has resulted in the enrichment of their course of study.

University of Maryland Summer Institute in Gender and Development Studies

The University of Maryland held an International Summer Institute for Lecturers in Gender and Development Studies aimed at improving research and teaching skills in the area of Gender Studies. They invited the participation of the CGDS, and provided fellowships for six lecturers from the three campuses. The Institute provided an opportunity for networking and collaboration with scholars from South Africa, and the host university.

Certificate Programme

The development of a 3-semester part-time Certificate Programme in Gender and Development Studies, sponsored by the Government of the Netherlands, continued. Course material for one course is being prepared by University of the West Indies Distance Education Centre (UWIDEC). One course has been sent for external assessment and the other six courses are being written, with Dr. Bailey providing guidance to the writers in her capacity as a curriculum specialist. The programme, originally scheduled for delivery in 2001/2002, will now be offered for credit from the academic year 2002/2003.

RESEARCH IN PROGRESS

Research continues in the areas of Gender Issues in Education, including Early Childhood Development and Transformational Leadership

Gender Awareness Training Programme for Teacher Educators in the Region. US\$64,000 (The Caribbean Community (CARICOM) Secretariat)

The output from this project, a gender training module, written by **B. Bailey, PhD, M. Brown, PhD & Y. Yusuf-Khalil M.Ed.**, and edited by Dr. Bailey, has been circulated throughout the region to Teacher Educators,

Ministries of Education and Tertiary Level Institutions. They will be responsible for introducing the module into the curricula of Teacher Training Institutions in the region. This programme expansion, was approved by the Chief Education Officers of the CARICOM countries.

Perspectives on the School Experience – C\$15,000
(Canada/Caribbean Gender Equality Fund)

This research was undertaken to look at the reasons for the differentials in achievement between girls and boys at the secondary level of the education system in Jamaica, as well as those who had already dropped out of the formal school system. There was a significant amount of data collected and analysed and a workshop, led by **Dr. Bailey**, the Chief Researcher, and **Dr. Monica Brown**, Senior Lecturer in the Institute of Education, was held in December 2000 to examine the conclusions and try to determine the way forward in terms of policy development and change. The workshop was attended by senior representatives of the Ministry of Education, including the Chief Education Officer, persons involved in teaching and teacher training, as well as staff from various Non-governmental Organisations (NGOs) across the country. The report is being edited for publication as a monograph titled ***Unmasking Stereotypes: Boys' and Girls' Perception of Gender and the School Experience***.

Project Proposals Developed and Awaiting Approval

The Unit is still awaiting official approval of the following proposals:

Caribbean Gender Ideology: Influence, Transformation and Impact
– The Ford Foundation

Developed by Dr. Bailey, to examine and to strengthen the Centre's graduate programme, this project for US\$70 000.00 was submitted to Ford Foundation through the Office of Planning as a part of the Vice-Chancellor's Cultural Studies Initiative.

Gender Imbalance at the Secondary and Tertiary Levels of Education Systems in Borrowing Member Countries (BMCs) of the Caribbean Development Bank (CDB)

Dr. Barbara Bailey was invited to a meeting on February 9, 2000, at the CDB where the proposal was discussed with her, and Dr. Eudine Barriteau, Head of the Cave Hill Unit, who also attended. Certain changes were requested by the CDB's Project staff. This was done and the proposal was resubmitted to the Bank. Funding will also be sought from University Research and Publications Committee and other sources.

Transformational Leadership Project – United Nations Development Fund for Women (UNIFEM)

The proposal is not yet finalised. Alternative ways of handling the research activity, which is to be coordinated by the Regional Coordinating Unit, are still being considered.

Gender in Early Childhood from a Caribbean Perspective.

This proposal was developed by Dr. Bailey and Mrs. Freda Thomas, Project Officer at the Dudley Grant Memorial Trust. The project was submitted, at their invitation, to the United States Agency for International Development (USAID) and to the Caribbean Community (CARICOM) Secretariat for support funding of US\$286,965.

Gender Training and Research. (Japan Fund for Women – US\$200,000)

As a result of the success of the Micro-enterprise project, the Regional Coordinating Unit was invited by the Embassy of Japan to submit a proposal to support the Centre's distance education programmes, the development of a database and website, which will allow access to current research on Caribbean issues to policy analysts and planners, and international development agencies. The holding of a regional conference to discuss ways in which the region could achieve the mid-decade goals, agreed on during the 1995 Conference on Women, held in Beijing, was also proposed. The document, which was prepared by **Dr. Dunn**, is now being considered.

OUTREACH

The Outreach Programme, consistently one of the most important of the Centre's activities, continues to expand. The content of the programme continues to outstrip what the Unit can comfortably handle with the resources available; but having responsibility for the promotion of gender and development studies within the academy and the region, the Unit has felt compelled to accept assignments and try to acquire part-time help to carry them forward. Listed below are some of the activities undertaken over the reporting period

TRAINING SEMINARS AND WORKSHOPS

Workshop on Women in Management in Higher Education
(Offered by The Association of Commonwealth Universities (ACU) in collaboration with the UWI)

This 5-day regional workshop was held in Barbados in January 2001 and was coordinated on behalf of the Vice-Chancellor, by **Louraine Emmanuel** and **Mary Morgan** of the Regional Coordinating Unit of the

Centre. The workshop is offered annually by the ACU to women in management in higher education in universities throughout the Commonwealth, and is a part of their training programme. The workshop was attended by 19 persons from 7 countries in the region.

Women in Micro-enterprise Development – US\$26,000 (Japan Fund for Women, administered through the United Nations Development Programme (UNDP)).

After the success of the first two phases of this project, which trained trainers, and approximately 80 women involved in small business enterprise across Jamaica, a third phase was approved by the government of Japan. This phase which has begun, involves training of rural women and strengthening the rural women's network, publication of a newsletter, and reprinting of the Training Manual. The training is being done by **Joan Browne, M.A.**, a training consultant who with **Dr. Bailey** co-authored the manual.

Gender Analysis in Policy and Planning – J\$436,000 (CIDA and the Canada/Caribbean Gender Equality Fund in collaboration with the Management Institute for National Development (MIND)).

Between December 2000 and June 2001, **Dr. Dunn** conducted research and developed and delivered a gender training programme to policy analysts in line ministries, in the Office of the Prime Minister and to permanent secretaries. A *Gender Training Manual* and *Gender Analysis Checklist* were also developed for use in the Public Sector.

PAPERS PRESENTED

- * "Globalisation, Women and Work" by Barbara Bailey and Leith Dunn was presented by Dr. Bailey, at the UWI's Academic Conference 2000. UWI, Mona, Jamaica.

*Presentation
of Awards to three
graduate student from
the Royal Netherlands
First Secretary,
September 2000.*



PUBLIC SERVICE

Dr. Dunn

- Member, the Board of Directors of Shortwood Teachers' College
- Member, Educational Council of the United Theological College of the West Indies
- Member, Stewardship Committee of the Anglican Diocese of Jamaica
- Member, NGO Advisory Committee of the Commonwealth Foundation, London, UK
- Representative, CGDS on the Canada/Caribbean Gender Equality Fund

CATEGORIES OF STUDENTS

Postgraduate Students

Seven MSc students
One MPhil

VISITORS TO THE CENTRE

Dr. Philomena Steady, Professor of Africana Studies, Wellesley University, USA

Ms Lucie Bazinet, CIDA Gender Equality Programme Officer, Ottawa, Canada

Mr. Martin Abrahams, CIDA Policy Consultant to the Office of the Prime Minister

Ms Christine Scott-Dunkley, Programme Director, CIDA, Jamaica

Dr. Mayke Krumhout, University of Amsterdam, The Netherlands

Mr. David Nii Addy, Programme Director, International Labour Organisation (ILO) Programme, Caribbean Office.

CENTRE FOR MARINE SCIENCES

G. F. Warner, PhD – Director

WORK OF THE CENTRE

A major achievement this year was the most extensive coral reef survey ever undertaken in Jamaica. The work was carried out in collaboration with the Atlantic and Gulf of Mexico Rapid Reef Assessment (AGRRA) project. Four AGRRA survey teams, supported by boats and equipment from Discovery Bay Marine Laboratory, studied 57 sites along the North Coast of Jamaica during the month of August 2000. CMS personnel and UWI students were present on all teams. 371 coral reef transects were surveyed in respect of live coral cover and other parameters. Mean percent live coral cover at sites deeper than 5 m was 11.7% and 4.8% at shallower sites. Fish populations were also assessed and the results showed high proportions of small fish and low numbers of commercially important types such as snappers and groupers. These data confirm the poor and overfished state of Jamaica's coral reefs.

Coral reefs continue to be a focus for much of our work, as evidenced by our attendance at the 9th International Coral Reef Symposium in Bali in October. Three CMS staff, three PhD students and the former Director, Dr J.D. Woodley, attended the conference. One function of this Symposium was to integrate research and management of reef resources. A clear message of the Symposium was the rapidly degrading state of reefs all over the world. Coastal development, overfishing, global warming and coral diseases are believed to be important agents in coral reef degradation. Attention is being given to all these factors in the research being conducted by CMS. A memorandum of understanding between CMS and the Caribbean Planning for Adaptation to Global Climate Change project (CPACC) was signed in January. The agreement is to continue close collaboration especially in the area of their Component 5 (coral reef monitoring) involving continued CPACC financial support for Ms Marcia Creary, the Component 5 Coordinator, based in the CMS Caribbean Coastal Data Centre (CCDC).

Our interest in coastal management has increased over the year. Dr Warner has been involved in national planning leading to the development of the current Green Paper on integrated ocean and coastal management for Jamaica. Working closely with the GOJ/USAID Coastal Water Quality Improvement Program (CWIP), DBML has overseen the implementation of five environmental outreach projects in the Ocho Rios area. Two other grant-supported initiatives intended to improve coastal management, which have started during the year, include "Impact and amelioration of sediment and agro-chemical pollution on Caribbean coastal waters" and "ECOCOAST – US/Jamaica Educational Cooperation for Integrated Coastal Management" (see below).

Important staff changes during the year included the appointment of Dr Norman Quinn as Director of the Discovery Bay Marine Laboratory (DBML). Dr Michael Haley was awarded a UWI Research Fellowship to work on projects designed to investigate methods of coral reef restoration. Other staff changes included the appointment of Miss Tatum Fisher as Research Assistant in the CCDC, Ms Arlene Lawrence as Outreach Officer under our Coastal Water Quality Improvement Project (CWIP) grant at DBML and Mr Peter Edwards as Scientific Officer in the CMS Main Office.

RESEARCH IN PROGRESS

- **Caribbean Coastal Productivity Programme (CARICOMP)**
Data Collection. Mr P Gayle supervised the collection of data from coral reef, mangrove and seagrass sites in Discovery Bay for inclusion in this Caribbean wide research programme, which has been running since 1993 (Funding 1).
- **Caribbean Coastal Productivity Programme (CARICOMP)**
Data Management. The core of the CCDC is the CARICOMP Data Management Centre. Mrs DM Linton, the Data Manager, and Miss Tatum Fisher have been active in maintaining and improving the database as well as coordinating the dissemination of data and analyzing components for publication. (Funding 1,2).
- **Caribbean Planning for Adaptation to Climate Change (CPACC).** Component 5 (coral reef monitoring) data is analyzed and archived by Ms Marcia Creary in the CCDC. (Funding 3).
- **Chemical Analytical Facility.** Under the supervision of Dr A Greenaway (Department of Chemistry), this laboratory at DBML has been actively engaged in sampling and analyzing the water quality of samples of coastal water from several sites including Negril and Ocho Rios. The results of this work show that there is cause for concern about near-shore water quality in some sites close to these important tourist areas. (Funding 4).
- **Coastal Water Quality Improvement Program (CWIP).** These management projects, coordinated by Dr G Warner are intended to improve coastal water quality, an essential aspect of coastal management to achieve healthy coral reefs. The projects involved Environmental Education, a Management Plan for the Ocho Rios Marine Park, Solid Waste Management and Community Animation Training. (Funding 5).

- **Fisheries Improvement Programme.** Ms Nadine Earle carried out studies on the role of the Discovery Bay Marine Protected Area in fisheries management in collaboration with personnel representing the International Center for Living Aquatic Resources Management (ICLARM). (Funding 6).
- **Studies on the Restoration of Coral Reefs.** Dr Michael Haley and his students have initiated work on the potential roles of artificial reefs and artificial corals in providing habitat for coral reef fishes, and studies on sea urchins as important grazers of algae on coral reefs. (Funding 7).
- **Impact and amelioration of sediment and agro-chemical pollution on Caribbean coastal waters.** A memorandum of understanding between CMS UWI Mona, The University of York UK and Marine Resources Assessment Group Ltd (MRAG) was signed in January to undertake this collaborative 2-year project coordinated by Dr Dale Webber (Life Sciences). In Jamaica, the project involves CMS, the Department of Chemistry, the Caribbean Agricultural Research and Development Institute (CARDI) and Caribbean Coastal Area Management (CCAM). The intention is to assess impacts of agrochemicals on the coastal zone by literature and agency research and a questionnaire to farmers. A parallel project is running in St Lucia. (Funding 8).
- **ECOCOAST – US/Jamaica Educational Cooperation for Integrated Coastal Management.** This is a collaborative 2-year project between CMS, the Center for the Study of Marine Policy at the University of Delaware, UNEP- Regional Seas Program, and NOAA International Program Office, USA. The project includes faculty and student exchanges between CMS and Delaware, the development of distance-education graduate level modules and the creation of an educational website concerning Integrated Coastal Management. (Funding 9).

GRANTS AND DONATIONS

CMS gratefully acknowledges the following funds supporting our activities:

US\$10,000 from UNEP to support the expanded role of the CCDC and to aid with CARICOMP coral disease monitoring (18 mo. 2000-2001).

Core funding for the operation of the CARICOMP Data Management Centre, raised by the University of South Florida.

Continued funding from CPACC to support the new Data Analyst.

J\$4,077,000 from CWIP (GOJ/USAID) for the Ocho Rios water monitoring program (18 mo. 2000-2001)

J\$3,030,148 from CWIP (GOJ/USAID) to Strengthen community-based environmental initiatives (additional total of J\$9,025,000 to community groups for 4 projects managed through DBML) (18 mo. 2000-2001)

US\$11,000 from ICLARM to improve the management of artisanal fisheries (1 y. 2000-2001)

J\$125,000 from the JHTA to Dr Haley (1 y. 2000-2001)

£18,070 from DFID (2 y. 2001-2003)

US\$100,000 from the Association Liaison Office (ALO) for University Cooperation in Development, USAID. Funds administered by University of Delaware, CMS to receive approx 30% (2 y. 2001-2003)

PAPERS PRESENTED

- **L Cho.** “*Diadema antillarum, a facilitator of recovery on the reefs of Discovery Bay Jamaica*”. 9th International Coral Reef Symposium, Bali, Indonesia, Oct 2000.
- **B L Kojis & N J Quinn.** “*Distribution and abundance of *Panulirus argus* (*Palinuridae*) *peuruli* at seven sites around St. Thomas, US Virgin Islands*”. 30th Scientific Meeting of the Association of Marine Laboratories of the Caribbean, Puerto Rico, June, 2001.
- **D M Linton.** “*The Caribbean Coastal Marine Productivity Program (CARICOMP) database*”. 9th International Coral Reef Symposium, Bali, Indonesia, Oct 2000.
- **J Mendes & J D Woodley.** “*Biological effects of the 1995-96 bleaching event on *Montastraea annularis* in Jamaica*”. 9th International Coral Reef Symposium, Bali, Indonesia, Oct 2000.
- **J Mendes & J D Woodley.** “*A growth depression model for coral density banding in *Montastraea annularis**”. 9th International Coral Reef Symposium, Bali, Indonesia, Oct 2000.
- **R Murray.** “*Prolonged herbivore deficiencies suppress recovery of an algae-dominated ‘coral’ reef*”. 9th International Coral Reef Symposium, Bali, Indonesia, Oct 2000.

- **N J Quinn.** “*Reef Check - Papua New Guinea's participation in a global assessment of human effects on coral reefs*”. Annual Meeting of the Society for Integrative and Comparative Biology, Chicago, Jan 2001.
- **N J Quinn & B L Kojis.** “*Variation in sub surface seawater temperature in waters off St. Thomas, US Virgin Islands and Discovery Bay, Jamaica*”. 30th Scientific Meeting of the Association of Marine Laboratories of the Caribbean, Puerto Rico, June 2001.
- **G F Warner.** “*CARICOMP achievements and future directions*”. Association of Marine Laboratories of the Caribbean Meeting, Bahamas, Aug/Sept 2000.
- “*Status and temporal trends at CARICOMP coral reef site*”. 9th International Coral Reef Symposium, Bali, Indonesia, Oct 2000.
- **J D Woodley & P Gayle.** “*Lagoon grassbed sea-urchin appears on weedy reefs*”. 9th International Coral Reef Symposium, Bali, Indonesia, Oct 2000.

PUBLIC SERVICE

Dr G.F. Warner

- Member, National Council on Ocean and Coastal Zone Management (Ministry of Foreign Affairs & Foreign Trade);
- Member, Ocho Rios Environmental Advisory Group;
- Member, Institute of Jamaica Natural History Division Advisory Board.

GRADUATE STUDENTS

Higher Degrees Awarded

MPhil **Marcia M. Creary.** *The abundance and distribution of epibenthic bryozoans on the roots of Rhizophora mangle in and around Kingston Harbour, Jamaica.* Supervisor: Dr JD Woodley

MPhil **Carlton Campbell.** *The phytoplankton community as an indicator of water quality in Discovery Bay, Jamaica.* Supervisor: Dr D Webber (Dept of Life Sciences)

Higher Degree Students Registered in CMS

Leandra Cho. *Diadema grazing on reef algae.* (PhD) Supervisors: Dr GF Warner & Dr D Webber (Dept of Life Sciences)

Peter Edwards. *Mangrove, seagrass & coral reef interactions.* (MPhil) Supervisor: Dr D Webber (Dept of Life Sciences)

Marlon Hibbert. *Ecology of the Martha Brae River Estuary, Falmouth.* (MPhil) Supervisor: Dr D Webber (Dept of Life Sciences)

Loy Malcolm. *Tilapia mariculture in Discovery Bay.* (MPhil) Supervisor: Dr D Steele (Dept. of Life Sciences) & Dr M Haley

Judith Mendes. *Skeletal density banding in the stony coral Montastraea annularis: the role of reproduction and temperature.* (PhD) Supervisor: Dr JD Woodley/Dr GF Warner

Stacy-Ann Moses. *Are fish attracted to artificial coral patches?* (MPhil) Supervisor: Dr M P Haley.



CMS Christmas Luncheon: L-R: Marlon Hibbert (Graduate Student), Tatum Fisher (Data Analyst), Mrs. Sarah Jones, Marcia Creary (CPACC Component 5 Coordinator), Peter Edwards (Graduate Student) and Dr. Alrick Jones (Visiting CMS to work on new edition of his book "Marine Life of the Caribbean")

Robert Murray. *Grazing of fishes on coral reef substrata at Discovery Bay.* (PhD) Supervisors: Dr GF Warner, Dr E. Hyslop (Department of Life Sciences)

***Gale Persad:** *Plankton populations in Discovery Bay.* (PhD) Supervisor: Dr M Webber (Life Sciences).

Robert Stephenson. *The interaction between Diadema antillarum and Tripneustes ventricosus on macroalgal covered coral reefs.* (M Phil) Supervisor: Dr M P Haley.

***Sean Townsend.** *Oceanography & circulation in embayments.* (MPhil) Supervisor: Dr D Webber (Dept of Life Sciences)

Wayne Whittaker. *Coral reef distribution inside Discovery Bay.* (MPhil) Supervisors: Dr JD Woodley/Dr GF Warner

Peter Wilson-Kelly. *An assessment of the impact of fluvial inputs into the Kingston Harbour.* (M Phil) Supervisor: Dr. D Webber (Dept of Life Sciences)

***Postgraduate Scholarships**

Higher Degree Students Using CMS facilities

Peter Gayle (Dept of Life Sciences)

Jahsen Levy (Dept of Life Sciences)

Ava Maxam (Dept of Life Sciences)

Debbie-Ann Ramsey (Dept of Chemistry)

Courses offered by DBML

An Underwater Photography course was presented at DBML in May 2001, organized by Dr NJ Quinn, with assistance from professional underwater photographer Mr. Barry Lipman. Participants included undergraduate and postgraduate students, and employees of UWI and NRCA (now NEPA). The course was very successful and will be repeated in 2002.

DISTINGUISHED VISITORS

Dr. Alrick R Jones, University of Reading

Prof. James Crabbe, University of Reading

Mr. Yasunori Karo, University of Tokyo.

THE EARTHQUAKE UNIT

Margaret D. Wiggins BSc *UWI*, MS *Atl.U*
– Research Fellow in Seismology

WORK OF THE DEPARTMENT

Fieldwork

The five full-time staff and one part-time student (Lara Baugh), through commendable personal efforts and high levels of cooperation contributed to making this a very productive year. A tremendous amount of fieldwork was accomplished, including over 41 trips for maintenance and installation of field stations of the Jamaica Seismograph Network (JSN). In addition, some 400 hours or 10,000 kilometres were done in establishing and maintaining a portable network of 5 stations along fault systems of central Jamaica and one portable station in Greenhill, Portland (the epicentre of the Jamaica's last significant earthquake). Another six GPS monuments were emplaced across the island bringing the total to about twenty, and 16 site-occupations of 5 to 7 days each, were completed, this in collaboration with Professor Charles DeMets and Instrumentation Engineer Neal Lord of the University of Wisconsin at Madison. Thanks to all the authorities that allowed us to use their premises for the various installations.

Bulletins

A major effort went into completing 11 annual volumes of the Jamaica Seismograph Network Bulletin, covering the years 1990 to 1999. Each volume consists of four sections: A - a description of the JSN; B - a list of earthquakes and phase readings with relevant maps; C - details of felt earthquakes and intensity maps when appropriate; D - an illustrated summary of the year's seismicity. Colour copies of the bulletins are available at the small library at the EQU, and 30 copies for each year were distributed to parish libraries, Mona Campus libraries and libraries of various other national agencies, as well as to other regional networks. As usual, annual earthquake catalogues are available at the official website of

the JSN, <http://www.earthquake.uwimona.edu.jm:1104>. Two other bulletins are approximately 80% ready for distribution, the volumes for 2000 and 1986-89. All the data available for 1986 to 1989 from analogue records had to be manually entered into an electronic database and re-analysed to produce that bulletin. The bulletins were prepared entirely in-house and this was made possible with the procurement of an HP 4050N high capacity laser jet printer and a smaller colour printer.

Network improvements and expansion

The radio links of the JSN underwent significant redesigning to improve signal reception and clarity based on computer prepared elevation profiles between the various stations. For the first time, all the stations were transmitted on JSN radio equipment. A new seismograph station was installed at Pike/Coleyville, Manchester. It is worthwhile to note that repairs and service to 90% of JSN electronic and telemetry equipment is done in-house.

The JPSCo provided expertise and equipment in removing a rotten wooden pole from our Munroe station in St. Elizabeth, re-drilling the hole and planting a new 60 foot one, and in the safe moving and reinstallation of all our equipment from the old to the new pole (at a fraction of the true cost). Thanks to Mr. Cooke, Mr. Smith and the 15 JPSCo workers for their kind and understanding display of good corporate citizenship.

An independent second seismic data acquisition system was set up at the Central Recording Station (CRS) as a back up to the main system. After seven years of continuous operation, the batteries of the Alternate Solar Power System that runs the CRS were replaced, bringing the system back to peak performance.

Implementation of Strong Ground Motion Network

The EQU took delivery of 7 new Etna digital ground motion accelerographs and upgraded one K-2 instrument during the year. Three were installed at Stony Hill, Mona Campus, and at Old Harbour. Florin Ionica, Network Engineer, visited the offices of Kinemetrics in California for training on the new instruments for 1 week in January. He also visited and had talks with two other manufacturers of seismic instrumentation – Reftek and Digital Technology Associates, both of Dallas, Texas. One digital Broadband station has been ordered from the latter.

Earthquakes Recorded

Some 385 earthquakes were recorded by the JSN. Two hundred and nineteen (219) of these were local or near-Jamaica earthquakes. About 100 earthquakes were located using just JSN records but it is anticipated that more will be located and new events found once the data from the portable

instruments are processed. The local events had magnitudes (Mc) between 1.4 and 3.7, while the near ones were between Mc 2.6 and 4.5. The Blue Mountain Block had the highest levels of seismicity accounting for 21 earthquakes. Other areas displaying higher levels of activity included the northern Wagwater Trough, the Yallahs-Plantain Garden Fault Zone, the Rio Minho-Crawle River Fault Zone, and the Kingston area.

Eleven earthquakes were reported felt, all being minor events with intensities between 2 and 4 on the European Macroseismic Scale. Three of these were attributed to western Jamaica faults.

Other work

A project for the JPSCo was completed in September 2000. The work involved monitoring for site response at the company's Old Harbour facility and performing a seismic hazard assessment. A report detailing work done and presenting the results was submitted to the Project coordinators, Smada (Engineering) Consultants.

In November, M. Grandison and F. Ionica visited Grand Cayman to discuss with the local authorities the status of station GCM, which was down for a number of years, and the re-establishment of seismic monitoring in the islands. A pre-proposal addressing their needs was prepared and presented to the Cayman Islands Government for funding.

In December, M. Grandison at the invitation of the Comprehensive (Nuclear) Test-Ban Treaty Organisation (CTBTO) and with the approval of the Ministry of Foreign Affairs and Foreign Trade represented the GOJ at a 4-day international regional workshop hosted by the Ministry of Foreign Affairs in Lima, Peru. At the meeting she presented a report of the status of seismic monitoring in Jamaica. Following the meeting she presented some recommendations to the Jamaican Ministry of Foreign Affairs. The cost of attending the workshop was borne by the CTBTO.

F. Ionica went on study leave in June/July 2001. Visits were made to various seismology organisations in Bucharest, Romania; Trieste and Genova, Italy and an electronics organisation, SELTA, also in Italy.

The work and research of the Unit was displayed at three exhibitions: UWI's Research Day 2000, ODPEM's Earthquake Awareness Day, and The Geological Society's Earth Day.

M. Grandison participated in three radio talk shows: My Place on KLAS FM89, Power 106 (Host Cliff Hughes) and Irie FM.

RESEARCH IN PROGRESS

- F. Ionica continued monitoring seismic instruments and collecting earthquake data at the JPSCo Old Harbour site. M. Grandison analysed the data for site response characteristics and performed a site-specific seismic hazard assessment.
- Bladimir Moreno of the Cuban Seismic Network and M. Grandison collaborated to merge the databases of Jamaica and Cuba. A paper presenting relocated events in the Oriente Fracture Zone (that is the area of sea separating southern Cuba and northern Jamaica), a new crustal model for the area and seismotectonics of this imminent seismogenic feature and plate-boundary zone was researched, written and submitted for publication. This work was done at the EQU using two recently acquired SUN Ultra Sparc5 Unix workstations.
- M. Grandison began another project involving the inversion of arrival times of Jamaican earthquakes in order to arrive at an average optimal crustal model(s) for the island. The best-recorded local earthquakes were relocated and local travel time curves were constructed to obtain a priori information essential for constructing the model.
- F. Ionica continued his study of power line transmission of seismic data.

PAPERS PRESENTED

- Margaret D. Wiggins-Grandison, “Preliminary Results from the New Jamaica Seismograph Network”, IAGA-IASPEI Joint Scientific Assembly, Hanoi, Vietnam, August 19 –31, 2001, (14 pp).

CATEGORIES OF STUDENTS

Twelve students enrolled for the 4-credit course GL36A, Introduction to Applied Geophysics, taught by M. Grandison, out of the Geology Department. 83% passed (2 As, 6 Bs, 2 Cs, 2 failed). Once again the Computer Science Department assisted by providing Apple Computers and technical assistance for the students to do assignments on.

DISTINGUISHED VISITORS

Bladimir Moreno, Centro Nacional Para Investigaciones de Sismologicas (CENAIIS), Cuba.

Neal Lord, University of Wisconsin at Madison, USA.

ELECTRON MICROSCOPY UNIT

Klaus W. Wolf, PhD – Head of Unit

WORK OF THE UNIT

During the 2000/2001 academic year, the Electron Microscopy (EM) Unit of the University of the West Indies, Mona, continued its scientific services in various aspects of microscopy. Organizations involved in research, Postgraduate, Undergraduate, and High School-students all benefited from the EM Unit, either by obtaining results from light and electron microscopy or by being exposed and sensitized to diverse microscopic techniques. The EM Unit provided assistance in the fields of Light Microscopy (LM), Transmission Electron Microscopy (TEM) and Scanning Electron Microscopy (SEM) as listed (Tab. 1):

Tab. 1: Services provided by the EM Unit in the academic year 2000/2001

Specimen	Technique	U.W.I Institution / External Partner
Nematodes	LM	Dept. of Life Sciences, U.W.I. Mona
Fish eggs	LM	Dept. of Life Sciences, U.W.I. Mona
Colonies of fungi	LM	Dept. of Life Sciences, U.W.I. Mona
Herpes viruses	TEM	Dept. of Microbiology, U.H.W.I. Mona
Yeast cells	TEM	Dept. of Basic Med. Sciences, U.W.I. Mona
Yam starch	SEM	Dept. of Basic Med. Sciences, U.W.I. Mona
Spicules of Porifera	SEM	Dept. of Life Sciences, U.W.I. Mona
Echiurida	SEM	Dept. of Life Sciences, U.W.I. Mona
Radula of snails	SEM	Dept. of Life Sciences, U.W.I. Mona

Fossilized animals	SEM	Dept. of Geology and Geography, U.W.I. Mona
Thin films	SEM	Universidad Nacional Columbia
Alumina	SEM	Alumina Partners of Jamaica

Laboratory classes were conducted with postgraduate students in Chemistry as well as with undergraduate students in Virology and Developmental Biology. Tours were conducted with students from an introductory Microbiology course (BB10B) and a Youth Club. The EM Unit participated in the Research Day of the University, during which members of the public extensively toured the facility. During orientation week, a group of local students visited the EM Unit, and groups of visiting students from Columbia came on two occasions.

The research activity in the EM Unit concentrated on the surface morphology of insect eggs and four original papers have been published. Several collaborations were launched with researchers on-campus and abroad (Tab. 2):

Tab. 2: Collaborations of staff members of the EM Unit in the academic year 2000/2001

Subject	Collaborator
Morphology of moth eggs	Entomologists at U.W.I., Mona (Dept. of Life Sciences)
Morphology of bug eggs	Entomologist at the North Dakota State University (U.S.A.)
High resolution study of putative silk	Biologists at the Inst. of Mol. Biotechnol, Jena, (Germany)
Interpretation of optical phenomena in micrographs	Physiologist at the Inst. of Zoology, Univ. Mainz (Germany)

RESEARCH IN PROGRESS

Gamete structure and development in insects using diverse microscopic techniques

PAPERS PRESENTED

Oral presentation

- **K. W. Wolf** and W. Reid, W. (2001) "Of eggs and legs: Fine structural studies in local stink and assassin bugs". Fifth Conference of the Faculty of Pure and Applied Sciences. U.W.I., Mona, Jan. 8 to 11, 2001, Kingston (Jamaica). Abstract is published in the Proceedings of

the Fifth Conference. Faculty of Pure and Applied Sciences. U.W.I., Mona. Eds. R. Robinson and D. Coore, Abstract Volume p. 41.

Poster presentation

- **C. Murphy**, W. Reid, E. Garraway and K.W. Wolf (2001) Scanning- and Transmission-electron microscopy of the eggshell in *Utetheisa ornatrix* (Lepidoptera: Arctiidae). Fifth Conference of Faculty of Pure and Applied Sciences. U.W.I., Mona, Jan. 8 to 11, 2001, Kingston (Jamaica). Abstract is published in the Proceedings of the Fifth Conference. Faculty of Pure and Applied Sciences. U.W.I., Mona. Eds. R. Robinson and D. Coore, Abstract Volume p. 113.
- **K. W. Wolf** and W. Reid, W. (2001) Scanning electron microscopy of eggs in the assassin bug *Sinea diadema* (Hemiptera: Reduviidae). Annual Meeting of the German Zoological Society, June 4 to 8, 2001, Osnabrück (Germany). Abstract is published in a Supplement (Abstract Volume) of Zoology 104 (2001) p. 14.

PUBLICATIONS

Refereed

K.W. Wolf, C. Murphy, W. Reid and E. Garraway.

- * “Fine structure of the eggshell in *Utetheisa ornatrix* (Lepidoptera: Arctiidae)”. *Invertebrate Reproduction and Development* 30 (2000) 85-94

K.W. Wolf and W. Reid.

- * “The architecture of an anterior appendage in the eggs of the assassin bug, *Zelus longipes* (Hemiptera: Reduviidae)”. *Arthropod Structure and Development* 29 (2000) 333-341
- * “Egg morphology and hatching in *Mormidea pictiventris* (Hemiptera: Pentatomidae)”. *Canadian Journal of Zoology* 79 (2001) 726-736
- * “Surface morphology of legs in the assassin bug *Zelus longipes* L. (Hemiptera: Reduviidae): A scanning electron microscopy study with an emphasis on the hairs and pores” *Annals of the Entomological Society of America* 94 (2001) 457-461

Non-Refereed

K.W. Wolf

- * “Cytoskelett” *Grundstudium Biologie. Biochemie, Zellbiologie, Ökologie, Evolution*. Ed. by K. Munk, Heidelberg, Berlin: Spektrum Akademischer Verlag, 2000, 11 - 1 to 11 - 26 (in German)
- * “Zellteilung”. *Grundstudium Biologie. Biochemie, Zellbiologie, Ökologie, Evolution*. Ed. by K. Munk, Heidelberg, Berlin: Spektrum Akademischer Verlag, 2000, 13 - 1 to 13 - 20 (in German)
- * a micrograph of a meiotic chromosome (9.15, p. 170) was contributed to the chapter “Chromosomes, the Cell Cycle and Cell Division” in the General Biology textbook entitled *Life* by E.K. Purves et al., Sunderland, MS: Sinauer Associates, 2001

PUBLIC SERVICE

Dr. K.W. Wolf

- acted as an ad hoc referee for “Arthropod Structure and Development”, a scientific journal published by Elsevier (Amsterdam, The Netherlands)

DISTINGUISHED VISITORS

Prof. Peter Calow, University of Sheffield, U.K.

Prof. A.C. Karim, University of Manitoba, Canada

Prof. Charles McDavid, U.W.I., St. Augustine

Dr. Valery Forbes, Roskilde University, Denmark

Dr. Martin Petric, Hospital for Sick Children, Toronto, Canada

Mr. Mike Robinson, Hofstra University Marine Lab, St. Ann’s Bay, Jamaica

INSTITUTE OF CARIBBEAN STUDIES

Joseph Pereira, BA, DipEd UWI, MA Qu – Director

CULTURAL STUDIES

Perhaps the most significant work of the Institute in the 00/01 period was the continued development of teaching in Cultural Studies. A second intake of graduate students into the MPhil/PhD programme saw five students staying the course in **AR600 – Colloquium in Cultural Studies**, and six students from the preceding year progressing with their research projects. In addition, summer courses were put on for the BA in 2 new courses. **AR25A – Introduction to Caribbean Cultural Studies**, and **AR25F – Caribbean Films and their Fictions**. Approval was also given

for two further newly-designed courses. **AR25R – The Culture of Rastafari**; and **AR25X – African Religious Retentions in the Caribbean**. All of this is being handled by part-time arrangements, and it is clear that a full-time appointment is now needed to develop beyond this stage so that we can offer a Major and Minor in the discipline.

RESEARCH PROPOSALS AND ACTIVITIES

A comprehensive cross-campus Cultural Studies Project Document was produced by Dr. Hazel Simmons-McDonald of Cave Hill out of lengthy cross-campus discussions and input. These Project Proposals are being put forward to various agencies for funding consideration, and it is anticipated that some success will result in implementation of specific Projects.

Through the Vice-Chancellor's initiative, funds were secured from the Ford Foundation for the Cultural Studies Initiative region-wide, and the ICS will receive assistance from this for activities including

- Postgraduate Student Bursaries (one awarded to Mona to Claudette Anderson, entering the Cultural Studies programme).
- The Second Conference on Caribbean Culture, being organized for January 2002 and honouring **Kamau Brathwaite**.
- Short-term visits from Writers and Artistes.
- Distinguished Lecture series.
- Equipment and material acquisition.

Additionally proposals were developed in another effort by the Vice-Chancellor for Rockefeller support for longer-stay Writers/Artistes in residence.

The Coordinator of the Reggae Studies Unit (RSU), Dr. Carolyn Cooper, was awarded a Research Fellowship under which "Ibo" Cooper was appointed in May, 2001 to carry out this Fellowship researching the development of Reggae with emphasis on its musical evolution.

Mortimo Planno, noted Rastafari elder, was appointed Honorary Research Fellow in the Institute for the year, and assisted graduate and undergraduate students in their research on Rastafari. The ICS collaborated in a project to edit some of Bro. Planno's papers.

PUBLIC LECTURES AND INTELLECTUAL ACTIVITY

Reggae Studies Lecture 2000 Series

- Dr. Cooper arranged a successful and well-attended series of presentations by a range of practitioners and scholars of the music, including Mutabaruka, David Katz and Derrick Harriott.

Bob Marley Lecture

- The Fourth Annual Bob Marley Lecture sponsored by the RSU, was delivered in February 2001 by Dr. Carolyn Cooper on “More Fire: Chanting Down Babylon from Bob Marley to Capleton”.

Walter Rodney Lecture

- The Second Annual Walter Rodney Lecture sponsored off-campus by the ICS was delivered by Ms. Antoinette Haughton-Cardenas, and entitled “We Learn but we do not Change”.
- Colin Channer, outstanding Jamaican novelist, gave readings from his works and conducted a Writing Workshop under ICS sponsorship in November, 2000.
- Also in that month, Prof. Francisco Scarano gave a lecture on Puerto Rico entitled “Margins of Empire”.
- Lez Henry, doctoral candidate from Goldsmith’s College conducted a seminar on “Black British Reggae”.
- Mr. Jerry Small gave a lecture on “The Dancehall of Politics” in May 2001.

PUBLICATIONS

- * The RSU published the Third Bob Marley Lecture: **“Reggae and our National Identity: The Forgotten Contribution of Peter Tosh”**, given by Dr. Omar Davies in 2000.
- * The ICS published the inaugural Walter Rodney Lecture **“None but Ourselves...”**, delivered by Richard Small in 1999.
- * A Project to create a series of “Testimonies” is underway, using the ICS **Being West Indian** lecture series as the first, with possible further titles being **“Rural Voices”** by Erna Brodber, and **“The Bob Marley I an’ I Know”** by Mortimo Planno.

LOOKING AHEAD

It is clear that the Institute will need both full-time staffing and a dedicated budget if it is to go beyond the many activities it has been able to achieve on voluntarism so far. Teaching, research, publishing and outreach have all been developed under the ICS and RSU umbrellas over more than a decade. The Cultural Studies Initiative is likely to lead to even more activities, and it will require a consolidation and funding of a new phase of development for these entities which have the potential to be flagship areas of intellectual activity that distinguish UWI.

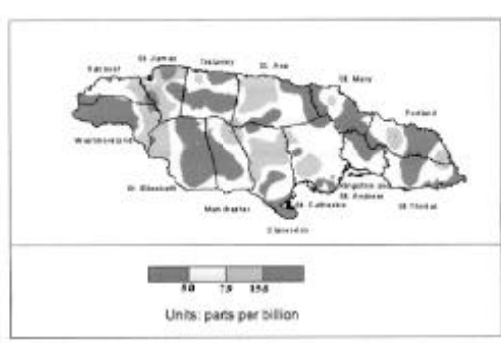
INTERNATIONAL CENTRE FOR ENVIRONMENTAL AND NUCLEAR SCIENCES (ICENS)

**Professor the Hon. Gerald C. Lalor, OJ, CD, MSc *Lond-UCWI*,
PhD *Lond.* – Director General**

WORK OF THE CENTRE

THE main research programmes during the period under review have been:

- Amelioration of lead mine-waste pollution in Kintyre.



- The detailed soil geochemistry of the parishes of St. Elizabeth and Manchester.
- Mineral contents of foods grown in central Jamaica.

The Centre continued its assistance to undergraduate and graduate programmes in the departments of Chemistry, History, Geography & Geology and Life Sciences. Neutron Activation Analysis with the SLOWPOKE-2 Reactor and X-ray Fluorescence have been the main items of interest for these departments.

Local collaborations are expanding: there is a Memorandum of Understanding with the Ministry of Agriculture and staff of their Rural Physical Planning Division (RRPD) and the Rural Development and Planning Agency (RADA), has been working with ICENS in field work, sample preparation and analysis. A ground water vulnerability project in collaboration with the Water Resources Authority (WRA) and supported through a Mona Research Fellowship, has provided useful information.

A number of international collaborations are being negotiated. Those with Colombia and Mexico have been accepted in principle and seem particularly promising.

The Centre provided a number of specialised services and assistance to government ministries, the Scientific Research Council, and a number of other private sector organisations. The personnel dosimetry service, in particular, continued to grow and enough data have been gathered to allow a small research project to begin.

RESEARCH IN PROGRESS

The distribution and consequences of the high levels of some heavy metals, arsenic, cadmium, gold, mercury, and lead, which exist in certain Jamaican soils, have been the main focus of the centre. Because of the economic importance to Jamaica of agriculture, extensive examination of the mineral contents of certain foods grown in Jamaica has been undertaken to ensure that exports meet the increasingly stringent international regulations and to better understand the pathways of heavy metals to humans, and potential effects on health.

Hazardous elements in the Jamaican Environment

Extensive analyses for essential and hazardous elements, including cadmium in foods and the soils in which these foods are grown, were carried out in major food growing areas of Jamaica. These are important data that will support exports, assist in the development of food standards; and better informed land use for agricultural production. Following a visit by distinguished Japanese researchers, support from the Japanese International Cooperation Agency is anticipated. Other funding prospects are being pursued.

Phosphorus in Jamaican Soils

Jamaican soils are generally low in the amounts of the essential element phosphorous that are available and, therefore, require considerable quantities of phosphate fertilisers, but very little baseline data exist. In collaboration with the Rural Planning Division of the Ministry of Agriculture, an island-wide mapping of total and available phosphorous was undertaken to obtain baseline data necessary to better assess the situation.

Improvement of Community Health in the Hope River Valley Through Lead Abatement

Community health, especially amongst children, for the residents of the Hope River Valley is being improved by dramatic reductions in exposure to lead, and by community education. The present research is defining the size and properties of hazardous mine waste contamination and measuring blood lead levels for action as necessary. Socio-economic surveys were carried out and, soil, air, water, sediments, dust, and food crops have been evaluated as sources of lead exposure. Mine waste is by far the greatest and

this is being isolated using largely local labour in this very poor community. The results have been most satisfactory and the work is well supported.

Gold in Jamaican soils

Because of the limestone base, there are large areas in Jamaica without streams and therefore the usual exploration for gold using stream sediments is not universally applicable. The SLOWPOKE reactor can detect gold in soils in minute concentrations and these data as the map shows now allow a new look at the island's potential for gold.

Gold in small quantities is widespread in Jamaican soils and there are several areas where the soil concentrations exceed say 10 parts per billion. A striking feature is the band in the west. The possibility of using soils data for potential gold finds is promising.

Other Projects

Other ongoing projects included :

- biomonitors as indicators of pollution;
- mercury and selenium concentrations in central Jamaica; and
- radioactivity in western Jamaica

Database Website Development

Database development continues. The structure and access methods have been improved, better verification procedures have been put in place, and large amounts of new data are being added mainly from an OAS project that is producing many thousands of data points. Upon completion of the project, a web based public access link will be implemented for qualified users. An improved interface has been introduced to take advantage of the complex data manipulation capabilities of the database.

The ICENS web site was revamped to provide a better browsing environment and access to ICENS publication abstracts, published data and selected maps.

PAPERS PRESENTED

- **Lalor, G.C., Vutchkov, M. and Davies, B.** "Cadmium in Jamaican Soils." SCOPE Workshop, *Environmental Cadmium in the Food Chain: Sources, Pathways, and Risks*, Brussels, September 2000

PUBLICATIONS

- * **Lalor, G.C.**, “Science in Development: The Approach Of A Small Island State In Science For The Twentyfirst Century” (A.M.Cetto, Ed.) UNESCO, Paris, 2000.
- * **Lalor, G.C., Vutchkov, M.K., Grant, C., Preston, J., Figueiredo, A.M.G., and Favaro, D.I.T.** “INAA of Trace Elements In Biological Materials using the Slowpoke-2 Reactor in Jamaica”, *Journal of Radioanalytical and Nuclear Chemistry* (2000), 244 (2), 263-266.
- * **Vutchkov, M., Grant, C., Lalor, C., and Preston, J.** “Standardization of the Slowpoke-2 Reactor in Jamaica for Routine NAA”. *Journal of Radioanalytical and Nuclear Chemistry* (2000), 244 (2), 355-359.
- * **Lalor, G.C., Vutchkov, R. Rattray, K. Lewis Bell and B. Campbell**, “Blood Levels Jamaican Schoolchildren”, *Science of the Total Environment* (2001), 269-171 - 181.
- * **Lalor, G.C., and Zhang, C.**, “Multivariate Outlier Detection and Remediation in Geochemical Databases”. *The Science of the Total Environment* (2000), 281, 99-109.

PUBLIC SERVICE

Prof. G. Lalor

- Director of Gleaner Company; Insurance Company of the West Indies Group
- Member of the Board of Governors of the ICWI Group Foundation
- Member: Council of the Third World Academy of Sciences; National Commission for Science and Technology; Jamaica Society of Scientists and Technologists; Technical Committee of the Scientific Research Council;

Dr. Robin Rattray

- Secretary, Council of the Jamaican Society of Scientists and Technologists
- Member, Air and Water Quality Subcommittee, NRCA
- Director, Lions Club of Mona

Mr. John Preston

- Member, Land Information Council of Jamaica.

Mrs. Joan Thomas

- Member, Radiation Protection Advisory Committee of Jamaica.

Students and Training

The Centre continued to provide training opportunities and experience to exceptional undergraduates. During the last year ten undergraduate students in science, medicine and related areas participated in the programme. Two students from Cave Hill and St Augustine campuses, who were beneficiaries under the programme the previous year, returned for another summer period. There were also new entrants from all the campuses and from UTECH. A Clemson University postgraduate student, involved in a joint programme worked on his research programme under the Centre's direction during the summer.

During the period under review, the Centre offered one internship to Mr. Noel McKenzie, an MSc student in Exploration Geology for work on gold exploration.

DISTINGUISHED VISITORS

The Rt. Hon. Percival J. Patterson, Prime Minister of Jamaica and Chairman of the Board of Governors of ICENS

Dr. M. S. Nugbane, Minister of Arts Culture, Science & Technology, South Africa

Hon. Paul Robertson, Minister of Foreign Affairs, Jamaica

H.E. Takashi Matsumoto, Ambassador of Japan

H.E. T. H. Chiliza, High Commissioner of South Africa

H.E. Humdi Saleh, Ambassador, Arab Republic of Egypt

H.E. Pierre A. Berniard, Ambassador of France

Mr Arsenio Jiminex Polanco, Charge d'Affairs, Dominican Republic

Mr Gerd Jarchow, Head of Delegation, European Commission

Mr Jerome Dubois-Mercent, Cultural Counsellor, Embassy of France

Professor Jean Crusol, Universite' Antille-Guyane

Dr. A. Pokrovsky, UNESCO, Paris

R. Ruland, Canadian High Commission

Professor Hiroshi Saito, Nagasaki University, Japan

Professor Mitsuo Chino, Akita University, Japan

Dr. Glen Goddard, Dean, South African Arts, Culture, Science & Technology

Dr. Nthoana Tau-Mzamane, Deputy Director General, Dept. of Arts, Culture, Science & Technology, South Africa

Mrs. Joan Neil, Director, Organization of American States

Dr. Rufus Chaney, United States Department of Agriculture

Dr. V. Iyengar, IAEA, Vienna

Mr. Paul McGinnis, Director Caribbean Programmes, CIDA

SIR ARTHUR LEWIS INSTITUTE OF SOCIAL AND ECONOMIC STUDIES (SALISES)

Professor Neville Duncan, BSc, MSc *UWI*, PhD *Manc*
– Campus Director

THE INSTITUTE

The task of preparing ISES to deliver MSc and MPhil/PhD programmes under a newly designed and approved content and format was successfully completed. No new student was admitted during this period but six students were still on the books pursuing MPhil/PhD degrees in Development studies. Four persons are actively pursuing this programme and three of them are expected to submit before the end of the calendar year (2001). Of the two remaining, one has applied for leave and the other is asking for an extension of time to complete.

The final seminar to complete the restructuring of the new degree programmes was held in September 2000, followed by submission through the various formal approval stages in the University, and then advertised in January 2001. The net result was an application list of some names from which places were offered to students – for the MSc and for the MPhil/PhD. This was deemed a most encouraging start.

The Derek Gordon Data Bank (DGDB) was physically re-located to the block housing the Documentation Centre and Data Bank (DDB), upstairs. Staff offices affected by this move were re-located. The physical alteration of the space was undertaken in the affected locations. Some adjustments were made to the main office to provide a better service for the new student intake.

Other student friendly activity was undertaken in July 2001 to engage with prospective students so that they could meet with the academic and non-academic staff members and have our programmes explained. At the refreshment break students had the further opportunity to meet several persons on a one-to-one basis, and were taken on a tour of the facilities.

Consultations were held with the Andrew Young School of Public Policy of the University of South Georgia, under the auspices of Pro Vice Chancellor, Professor Errol Morrison, and a set of collaborative agreements was signed.

Miss Annie Paul, Publications Officer, was on Sabbatical and Ms. Kimberley-Ann Robinson-Walcott acted as Publications Officer.

The Institute, with the agreement of the Government of Jamaica, became the repository for WTO documents and publications. There is differential access to the information.

The Mona ISES was represented at the Global Development Network's Knowledge Fair, which formed part of the activities of the World Bank sponsored annual conference held in Tokyo in December 2000. The Institute's existing and forthcoming publications were placed on display and for sale.

THE SECTIONS/UNITS

PUBLICATIONS Department

A proposal was prepared for an expansion of the SALISES Publications Division. A new thrust was proposed in the following areas: coordinated inter-campus publishing and marketing, and a return to Mona-based book publishing, with an aggressive exploration of e-publishing in recognition of this dynamic emerging area as being the way of the future, especially for monograph and journal publishing and publication marketing.

The Institute was also represented at the annual CSA conference held in St Maarten in late May 2001 and the conference, Rethinking Caribbean Culture, held in Barbados in early June 2001. At this conference recent issues of SES were sold and forthcoming issues, in particular forthcoming special issues, advertised. Additionally new articles were solicited. Meanwhile the Institute continued in its efforts to get rid of old stock by holding regular book and journal sales at SALISES, Mona. These were very successful, with satisfactory sales returns.

The output for the journal, *Social and Economic Studies (SES)* for the year revealed the following:

Vol 48/4, December 1999 Vol 49/1, March 2000

Vol 49/4, December 2000

Vol 50/1, March 2001: (special issue on Economic Reforms and Poverty in Jamaica)

Vol 50/2, June 2001: (in production, with most articles having been edited and delivered to the formatter at the end of the period under review).

Vol 49/2-3, June-September 2000: (a double issue) was produced by the Centre for Monetary Studies, St Augustine, Trinidad and Tobago.

In addition, proposals for the following special issues were received and conditionally accepted, subject to satisfactory quality and punctual delivery of final material:

Vol 51/1, March 2002: Special issue on Tourism

Vol 51 (issue number to be assigned): Special issue on Vulnerability/Coping Strategies

Vol 51 (issue number to be assigned): Special issue on Management of the Health Sector

Additionally, the following book proposals were conditionally accepted:

Biography of Eric Williams by Pat Mohammed – acceptance subject to submission of satisfactory final manuscript

Evaluation of Local Government Reforms in Jamaica by Jimmy Tindigarukayo – acceptance subject to peer reviewers' comments (being awaited at the end of the period under review).

The Derek Gordon Data Bank

The following data sets were acquired during the period

- i. External trade data for Jamaica and Trinidad
- ii. SLC for 1999
- iii. Jamaica literacy survey, 1999 (but we are not able to use it yet because the report has not been published)
- iv. St. Kitts country poverty assessment study, 2000
- v. Trinidad and Tobago Poll, 2000

A *web page* was designed and mounted on our local server. Until recently, access to the site was only available during the 40 hour work week. To date, basic information has been mounted relating to all the data sets and have begun providing basic statistics (frequencies and descriptives) for selected data sets. Information regarding the other sections of SALISES has been slow in coming and was infrequently updated during the year.

Technical assistance and training were provided on an *ad hoc* one-to-one training in SPSS and the section provided continuous support to post-graduate students utilizing datasets. A course in the use of SPSS was presented for one week during July 2001 at a fee of \$6000 per person.

Staff of the Databank provided data management support (ranging from data entry to analysis) for studies undertaken by the Institute and other Departments of the University.

Administration

A considerable amount of physical adjustment and upgrade of the Institute was undertaken under the supervision of the Secretariat to ensure a satisfactory teaching and research environment as well as a pleasant ambience. This was substantially in progress under the period of review. New and embellished allocation of duties and responsibilities were undertaken to ensure a smooth inauguration of the graduate teaching programme.

RESEARCH IN PROGRESS

Dr. Aldrie Henry-Lee

- “Conflict Management, Gender and reproductive Health in Two Inner City Communities in Jamaica” (Ford Foundation Funding).
- “Gender, Equity and Health” (PAHO Funding)
- “Social Assessment in Belize” (DFID Funding)
- “Poverty in the Caribbean” (CDB Funding)
- “Assessing Health Seeking Behaviour among UWI Staff at the Mona Campus”

Dr. Nikolaos Karagiannis

- Book project with Dr. Michael Witter on “The Caribbean, the FTAA and the Reality”.

Dr. Patricia Northover

- Sugar and Change: Institutional Governance and Competitive Performance in the Jamaica Sugar Industry.

Dr. Philip D. Osei

- “Modernizing Local Government in Jamaica: Strategies, Policy Choice and Outcomes”
- “The Effectiveness of Anti-Corruption Measures in Four African and Caribbean Countries”.

PAPERS PRESENTED

Professor Neville C. Duncan

- “Social and Political Problems of the Anglophone Caribbean” and “Governance, Democracy and Civil Society in the Anglophone Caribbean”, Social Policy and Management Formation Course, IDB, August 14 & 15, 2000, Washington, D.C.
- “Setting the Socio-Economic Context”, Symposium on the Work of Peggy Antrobus, Grand Barbados, November 9-10, 2000
- “British Virgin Islands: Evolution of Colonial Government Legislature”, 50th Anniversary of the Restoration of the Sitting of the Legislative Council in the Virgin Islands, 1950-2000, November 20-21, 2000, BVI, 2000
- “The Future of Capitalism and Socialism”, Annual Maurice Bishop Memorial Lecture, in St. Georges and then Grenville, March 13-14, 2001, Grenada.
- Respondent to paper presented by Leon Charles, “Processes of Engaging in Policy Development the Jamaican Reality”, Child Development Centre Conference, May 2-3, 2001.
- “Paying More Focussed Attention to Children in Public Policy”, Official Opening of the Dudley Grant Early Childhood Resource Centre, the UWI, Mona Campus, Jamaica., May 16, 2001.
- “Citizen Participation, Local Governance and Appropriate Policy Framework: A Contemporary and Futuristic View”, Constructing Democracy from the Base, UPD and IAF, July 16-17, 2001.

Dr. Aldrie Henry-Lee

- “The Policy Implications of defining the Poor in Jamaica”, Caribbean Studies Association, St. Maarten, May-June, 2001
- “Integrating Research and Policy”: the researcher’s Point of View”, PAHO Seminar on Health Research and Policy, March 2001, Barbados.

Dr. Niklaos Karagiannis

- “Alternative development policy for the Caribbean: The challenge of the Developmental State approach”, 28 Sept. 2000, Department. of Economics (SR4)

- “Alternative development policy for the Caribbean: The challenge of the Developmental State approach”, Workshop organised by the Post-Keynesian Economics Study Group, 18 May 2001, Leeds.
- “Key economic and politico-institutional elements of modern interventionism”, XXXII Annual Monetary Studies Conference, 30 Oct.-02 Nov. 2000, Kingston.
- “Key economic and politico-institutional elements of modern interventionism: A synopsis”, Conference on “Governance in the Contemporary Caribbean”, SALISES-UWI, St. Augustine, 14-16 March 2001.
- “Key economic and politico-institutional elements of modern interventionism”, 2001 Public Administration theory Network Conference, Leiden, The Netherlands, 21-23 June 2001
- “Key economic and politico-institutional elements of modern interventionism: A post-Keynesian synopsis”, 3rd annual Conference of the Association for Heterodox Economics, 7-8 July 2001, Open University Conference Centre, London.
- “Tobin tax: Its potential and feasibility for the Caribbean” Caribbean Studies Association Conference, 27 May–02 June 2001, St. Martin.

Dr. Patricia Northover

- “Institutional Governance and Economic Performance: Exploring the Links in the Jamaican Sugar Industry with Special Reference to Workplace Governance”, The UWI/Mona Conference on Human Resource Development for Competitive Advantage, September 2000.
- “Strategy and Scope: What Remains of the Role of the State in Caribbean Agriculture in the Context of the New Liberal Order”, ISES, St. Augustine, UWI Conference on Governance in the Contemporary Caribbean: The Way Forward, Trinidad, March 2001.
- “Sugar and Change: Retrospect, Prospect and possibility in Addressing Rural Poverty Alleviation and Sustainable Development”, Caribbean Studies Association Conference, on The Caribbean in Transition: Direction and Purpose for the 21st Century, St. Martin, May-June 2001

Dr. Philip D. Osei

- “A Critical Overview of Jamaica’s National Poverty Eradication Policy and Programme”. Development Studies Association UK, 10-12 September 2001. University of Manchester, England.
- “Executive Agencies: Intellectual background to the search for appropriate institutional forms”. Conference on ‘Executive agencies in action: A new form of governance’. UWI, Mona Campus. 19 May 2001.
- “Has poor relief declined in Jamaica? A preliminary investigation”. Caribbean Studies Association. University of St Maarten, St Maarten. 28 May-2 June 2001.
- “Modernising Local Government in Ghana and Jamaica: Perspectives on Policy Choice, Leadership, Management Styles and Outcomes”. Fifth International Research Symposium on Public Management. Barcelona, Spain. 9-11 April 2001.
- “Executive Agencies and Changing Notions of Public Accountability: The Jamaican experience”. Conference on ‘Governance in the Contemporary Caribbean: The Way Forward’. Sir Arthur Lewis Institute of Social and Economic Studies, University of the West Indies, Trinidad and Tobago. 14-16 March 2001.

Dr. Jimmy Tindigarukayo

“Public Participation in Local Government in Jamaica”, Conference on Governance in the Contemporary Caribbean: The Way Forward, organized by SALISES, St. Augustine, UWI, March 14-16, 2001.

- “The Squatter Problem in Jamaica”, 26th Annual Conference of the Caribbean Studies Association, Maho Bay Hotel, St. Martin, May 27-June 2, 2001.
- “Alternative Models for Evaluating the Impact of Social Interventions”, A Workshop on Domestic Violence in Jamaica, organized by the Social Welfare Training Centre and Woman Inc., June 19, 2001.

PUBLICATIONS

Refereed

Professor Neville C. Duncan

- * “Caribbean Universities: Respond Positively or Concede”, in *Caribbean Perspectives*, January 2001, pp. 10-15

Dr. Aldrie Henry-Lee

- * “Women’s reasons for Discontinuing Contraceptive Use within 12 Months”, *Reproductive Health Matters*, Vol. 9, No. 11, May 2001
- * Henry-Lee, Aldrie; Chevannes, Barry; Clarke, Mary; and Rickettes, Sybil. November 2000. “An Assessment of the standard of Living and Coping Strategies of Workers in Selected Occupations who Earn Minimum Wage”. Planning Institute of Jamaica: Kingston.
- * “The Dynamics of Poverty in Jamaica, 1989-1999”, *Social and Economic Studies*, Vol. 50, No. 1, March 2001.

Dr. Nikolaos Karagiannis

- * “The Development of the Bahamian Economy at the Crossroads”, *Social and Economic Studies*, vol.9:4, 2001
- * “Creating Industrial Production in the Bahamas: The Challenge of the Developmental State Approach”, *Regional Development Studies*, Vol.7, United Nations-Centre for Regional Development, June 2001.

Dr. Philip D. Osei

- * “Has Poor Relief Declined in Jamaica? A Preliminary Investigation”. *Social and Economic Studies*, Vol.50, No.1, March 2001, pp.

Other Publications

Dr. Neville C. Duncan

- * “Evolution of Legislative Systems and Alternative Models for the Millennium”, in *Empowerment Through Representation*, published on the occasion of the 50th Anniversary of the Restoration of the Sitting of the Legislative Council in the Virgin Islands (1950-2000). 1st printing, 20th November, 2000, Legislative Commemorative Committee, Virgin Islands, 2000, pp.401-413.
- * “El Caribe, entre la ciudad-global y la provincia-global”, entrevista con Neville Duncan, por Jaime Bonilla Godoy, in *Aguita, Revista*

del Observatorio del caribe Colombiano, Aguaita cuatro, Diciembre 2000, pp. 16-27.

- * “Governance and Caribbean Elections” in *Caricom PERSPECTIVE*, Issue no. 70, June 2001, pp. 72-74.

Dr. Nikolaos Karagiannis

- * “The Potential for Industrial Development in the Bahamas: The Challenge of the Developmental State Approach”, *Caribbean Dialogue*, Vol.5:4, Fall 2000.
- * “The Bahamian Budget and Budget Communication 2000-2001: Some Comments”, *Financial Digest*, Summer 2000.
- * “The Blacklisting of the Bahamas: A Brief Commentary”, *Financial Digest*, Fall 2000.
- * “Budget and Budget Communication 2000-2001 of the Commonwealth of Bahamas: A Brief Commentary”, *Bahama Journal*, Summer 2000
- * “The Bahamian Budget and Budget Communication 2000-2001: A commentary”, *Financial Digest*, Summer 2001.

Dr. Philip D. Osei

- * Book Review: Growth in Ghana: a Macroeconometric model Integrating Agriculture, by Daniel Bruce Sarpong, Aldershot: Ashgate, 1997, in *Journal of Modern African Studies*, Vol.39:1, p.183.

Book Review: Ghana: the Background, the Issues and the People, Rachel Naylor, Oxford, in *the Journal of Modern African Studies*, Vol.39:1, p.183.

PUBLIC SERVICE

Professor Neville C. Duncan

- Editorial Board, *Pensamiento Proprio*
- Board Member, Junta Directivo, CRIES

Dr. Patricia Northover

- Board member, *National Biosafety Committee*

- Board member, *Jamaica Deposit Insurance Corporation*
- Board Member, *United Way*

Dr. Jimmy Tindigarukayo

- Member Executive Committee, *Senior Common Room, UWI*
- Board Member, *The Association for Settlement and Commercial Enterprise for National Development*

THE BIOTECHNOLOGY CENTRE

Professor M. Ahmad, BSc Bhagal, MSc, PhD IARI – Director

WORK OF THE CENTRE

Dr. Wayne McLaughlin, Head of the Biochemistry Section, Department of Basic Medical Sciences acted as Director of the Biotechnology Centre in the absence of Professor Mohammed Ahmad who was on sabbatical leave for the academic year.

The Biotechnology Centre, with the cooperation and dedication of its staff, advanced the work of the Centre through education, supervision and training of postgraduate and undergraduate students. Throughout the year members of staff participated in a number of workshops, seminars and media presentations on current issues in Biotechnology. This is an ongoing effort by the Biotechnology Centre to disseminate information on Biotechnology and increase national awareness of this area of research.

Over fifty medicinal plants are now growing successfully at the Centre as a part of our current research on indigenous medicinal plants. The objective of this project is to develop a gene bank of indigenous medicinal plants for their conservation and to increase their quantity for supply to farmers and researchers. The plants are also being grown to extract the medicinal products to enhance medical and pharmaceutical research. The principal investigators are Prof. M. H. Ahmad and Dr. Sylvia Mitchell.

After a period of sensitization of the public about the use and benefits of the neem plant, the Biotechnology Centre started distribution of the plants to local farmers and hoteliers who use them for medicinal and or ornamental purposes within their environment. The use of neem as a Biopesticide, is one aspect of research being done on medicinal plants project.

Members of staff of Serge Island Limited were trained to perform an advanced method of budding and plant grafting to be used to improve their orange orchard. The training was conducted by Mr. Clovis Palmer, a postgraduate student with the assistance of Miss Suzette Curtello, Laboratory Technician.

The project on transgenic papaya for commercial production progressed steadily through the year. A third field trial was established at Brampton Farm, Old Harbour, with the transgenic papaya varieties that show potential for the commercial market. Inheritance of the resistance traits observed with the parental varieties will be assessed as well as safety of the transgenic product. The latter aspect of this project on the breeding and field testing of virus resistant papaya using modern DNA technology will be conducted in collaboration with the Departments of Chemistry and Basic Medical Science.

Dr. Andrew Wheatley Research Fellow with the Biochemistry unit, Basic Medical Sciences and the Biotechnology Centre and Dr. Helen Asemota in the Biochemistry Section and the Biotechnology are conducting research on the production of high yielding yam planting materials through the use of tissue culture. Dr. Wheatley is also examining the transformational changes associated with the production of yam tissue culture plants. Other research efforts being undertaken include looking at the molecular basis of sprouting in yam and the characterization of Jamaican yam starches.

The Biotechnology Centre was connected by fibre optics into the Local Area Network (LAN) on the Campus. All the laboratories and offices in the building now have online access to the internet which should enhance research and communication capabilities of the Centre.

The Biotechnology Centre was awarded the sum of USD\$10,000.00) for research on "Molecular Characterization of papaya ringspot virus type -

P”. The project’s principal investigator is Dr. Paula Tennant, and the award was made on behalf of Miss Melaine Chin, an M Phil student on the project.

OAS-SEDI granted US\$1500 under the project for the Co-operation in Development and Transfer of Biotechnology for Sustainable Development in the Caribbean. The grant was made for the collection and propagation of fifty (50) medicinal plants from Jamaica and the work was undertaken and completed by Dr. Sylvia Mitchell. Under the same OAS-SEDI collaboration, an additional forty seven thousand dollars (US\$47,000.00) was received through the NCST for developing resistant varieties of pepper to potyviruses.

RESEARCH IN PROGRESS

Prof. M. H. Ahmad and Dr. Sylvia Mitchell

- The use of neem oil as biopesticide
- Tissue Culture of medicinal plants

Dr. Paula Tennant

- Development of transgenic papaya with resistance to papaya ring spot virus (PRSV)

Dr. Wayne McLaughlin

- Molecular biology, epidemiology of geminiviruses infecting tomato and peppers in the Caribbean

Dr. Marcia Roye

- Molecular biology and epidemiology of whitefly-transmitted geminiviruses infecting crops and weeds.

Dr. Helen Asemota

- Bioengineering of yams and biochemical studies on yam extracts for medicinal value
- Protoplast isolation and gene manipulation from plant cell culture

Dr. Andrew Wheatley

- Commercial production of yam plantlets through tissue culture
- Molecular basis of sprouting in yam and the characterisation of Jamaican yam starches.

PAPER PRESENTED

Mitchell, S.A.

- “Medicinal plant research at the UWI: A critical analysis”. Fifth Annual Natural Science Conference, January 8 – 11, University of the West Indies, (2001)

Chin, M., Tennant, P and Ahmad, M.H.

- “Biological and molecular characterization of Papaya Ringspot virus isolates (Type P) from selected areas in Jamaica”. Fifth Annual Natural Science Conference, January 8-11, University of the West Indies. (2001).

Turner, S., Tennant, P. and Ahmad, M. H.

- “Evaluation of *Carica* species for resistance to the Papaya Ringspot Virus”. Fifth Annual Natural Science Conference, January 8-11, University of the West Indies. (2001)

Wheatley, A.O. and Asemota, H.N.

- “Differential Expression of Yam (*Dioscorea alata*) Genes During the Development of Salt Tolerance”. 14th Annual Natural Science Conference on Science and Technology, November 23-24, Scientific Research Council, (2000).

PUBLICATIONS

Refereed

- * Roye, M. E., Henry, N. M., Burrell, P. D., McLaughlin, W. A., Nakhla, M. K. and D. P. Maxwell (2000). “A new tomato-infecting begomovirus in Barbados.” Plant Disease 84: 1342.

PUBLIC SERVICE

Prof. M. H. Ahmad

- Board Member, National Commission on Science and Technology (NCST)

- Member, Editorial Board of the World Journal of Biotechnology
- Member, Editorial Board of the Jamaica Journal of Science and Technology
- Co-Chairman, Caribbean Biotechnology Network sponsored by UNESCO

Dr. Wayne McLaughlin

- Microbiology Committee, Jamaica Bureau of Standards
- Board Member, Scientific Research Council
- Member, National Biosafety Committee (NCST)

Dr. Helen Asemota

- Member, Biodiversity Committee

Dr. Paula Tennant

- Board Member, Papaya Growers Association

Dr. Andrew Wheatley

- Member, National Watershed Management Committee

CATEGORY OF STUDENTS

Messrs. Cliff Riley and Lowell Dilworth were accepted to pursue a MPhil degree in Biotechnology effective September, 2000. They are working on commercial production of yam plantlets through tissue culture and the molecular basis of sprouting in yam and the characterization of Jamaican yam starches. Their main supervisor is Dr. Helen Asemota.

DISTINGUISHED VISITORS

Dr. Dan Gagnier, Vice President of Corporate Affairs of Alcan Limited visited the Centre and toured its facilities. He also held discussions with **Drs. Wayne McLaughlin** and **Andrew Wheatley** on the possibility of funding of the ongoing yam project and pepper projects at the Centre.

OBITUARY

Miss Lorna Davis, Laboratory Attendant at the Biotechnology Centre since 1990, passed away in March 2001.

TROPICAL MEDICINE RESEARCH INSTITUTE

**Professor Terrence Forrester, MSc *Med Coll, Wisc*, MB BS, PhD,
DM UWI – Director**

BACKGROUND INFORMATION

Goals

The Tropical Medicine Research Institute (TMRI), through choice of research area, research activity, and use of research information seeks to contribute to improvement in the health status of Caribbean peoples.

Objectives

The Tropical Medicine Research Institute was established on October 1, 1999 by The University Of The West Indies to achieve the following main objectives.

- To increase the output of research in major areas affecting the health of regional peoples
- To increase the number of trained research scientists working in health
- To facilitate the uptake of research into policy, programmes and practice

Directors of the TMRI Units review and revise the plans and programmes at their quarterly meetings. Reporting is done annually as part of the Unit and Institute reports to Faculties, Principals, the School for Graduate Studies & Research and the Vice Chancellor.

Policy oversight and review for the TMRI is the purview of the Board for Graduate Studies & Research. In addition, once a year, the TMRI reports to the Vice Chancellor's Advisory Committee on governance for the TMRI.

The ability of the Institute to deliver in balanced fashion on its Campus, National and Regional mandates is in large measure related to the extent that it operates within a regional structure, like the UWI School for Graduate Studies & Research.

- 1. Increasing Research Output**
- 2. Increasing Training at Postgraduate and Post Doctoral Levels**
- 3. Getting Research into Policy, Programmes and Practice**
- 4. Creating an Efficient and Effective Administration**

1. Increasing Research output

- a. Critical Mass

The TMRI has made some progress in strengthening specific research disciplines, notably Epidemiology, Biostatistics and Laboratory Science.

Epidemiology

The Epidemiology Research Unit, was established October 1, 1999 and has pursued dual strategies for building critical mass, recruitment and training. The Unit expects to be joined by Dr. George Miller, Wolfson Institute of Epidemiology, London in 2002, and Dr. Marshall Tulloch-Reid, a UWI graduate who is currently completing fellowship training at the NIH. Dr. Tulloch-Reid should join the Unit in the following year. The ERU moved into new quarters in December 2000; this site is the old MRC Epidemiology Research Unit.

Biostatistics

The Institute is collaborating with the Department of Mathematics, Mona Campus, and the University of South Carolina and Loyola University of Chicago to establish an MSc Biostatistics programme. The four year collaboration will see UWI academic staff being trained to ensure the sustainability of the programme. It is planned to extend the programme to the UWI St. Augustine Campus.

Under this programme also, the Institute has upgraded the skills of two of our statisticians, Miss. Hedi Broome from the CDRC, Barbados, and Dr. Novie Younger from the TMRI's Mona Units. The first 2 students will complete their MSc training in December 2001. Dr. Younger has since returned to MUSC for a formal post doctoral fellowship.

Laboratory Science

The Medical Research Council, UK, and the UWI have jointly funded an extensive renovation of the TMRI laboratories located at the Tropical Metabolism Research Unit. The TMRU buildings have been subjected to extensive renovation and newly equipped and completely retrofitted labs for Biochemistry, Clinical Chemistry, Metabolism and Molecular Genetics have been put in place. Research laboratories currently housed at the Sickle Cell Unit have been relocated to this site in order to achieve critical mass for the laboratory aspects of this work e.g. in molecular genetics. The TMRU 13-bed Paediatric Ward where rehabilitation of severely malnourished children is done are also to be refurbished by December 2001.

c. Facilitation Collaboration

Since the TMRI was established, there has been a steady increase in the extent of collaboration between Units; this has so far involved mainly the ERU, SCU and TMRU on the Mona Campus. Collaborative links are also

being built with the CDRC which joined the TMRI in July 2000. Such efforts will be strengthened when the informatics platform becomes operational.

Informatics

The Institute has been collaborating with PricewaterhouseCoopers, Jamaica and the UWI, Mona Informatics to develop, refine and implement an informatics plan capable of supporting close collaboration in research and administration. The recommendation calls for the employment of additional IT staff to implement the programme, and two such appointments will be made in December 2001.

2. Expanding Training Programmes

Taught Programmes

MSc Nutrition

The MSc Nutrition course is currently undergoing review. Both content and delivery are being reviewed and special emphasis is being placed on use of educational technology to improve student learning. The revised course will be rolled out in 2002.

MB BS & MPH

The TMRI has been asked by the Faculty of Medical Sciences, Mona to deliver courses on Statistics and Epidemiology for these two programmes, and has collaborated with the Department of Social & Preventive Medicine to do so. The TMRI perspective is to develop these three courses (MB BS, MPH, and MSc Nut.) so that they articulate as parts 1, 2 and 3 of an integrated quantitative methods course. These courses have now been designed and are being run.

Clinical Fellowship

This new programme was launched October 1, 1999. The TMRI has 5 such Clinical Fellowships, 4 tenable in the Sick Cell Unit and the other in the TMRU, the two Units which have direct responsibility for patient care. Fellows have an opportunity to work directly with patients with sickle cell disease, malnutrition or patients requiring parenteral nutritional support, and to develop a research project within that clinical context. Fellows are ideally post DM, and reside in the Programme for 2 years leading to the MD degree. The market for such Fellows include the Government and University Hospitals.

Post Doctoral Fellowships

Three fellowships were created October 1, 2000. The Institute has postponed filling these vacancies pending release of funds. This is the first structured post doctoral fellowship programme in the UWI and has as one of its prime objectives, the efficient transformation of PhD graduates into independent researchers.

3. Getting Research Into Policy, Programmes & Practice

The Institute continues to be represented at National and Regional levels in forums which have the potential to promote the uptake of research findings. In Jamaica and Barbados, the Institute has forged close working relationships with the Chief Medical Officers. In both of these Campus Territories, the Institute has responded to Ministry of Health identified information gaps. In Barbados, epidemiology projects have been established in order to address the chronic non-communicable diseases, and more recently, HIV/AIDS. Likewise, in Jamaica, the Epidemiology Research Unit has established projects to provide information on Chronic Diseases and wider lifestyle health risks, and mounted nutritional interventions in school at the request of the Ministry of Education. The Sickle Cell Unit provides a cord blood screening service for the Kingston Metropolitan Area on behalf of the Ministry of Health.

RESEARCH PROJECTS

Tropical Metabolism Research Unit

A. Metabolism

- The limits of adaptation of functional protein synthesis in the liver to marginal nutrition.
- Effects of supplementation of aromatic amino acids on hepatic acute phase protein synthesis in severe malnutrition
- Pathogenesis of Fatty Liver disease in severe malnutrition
- Glutathione (GSH) homeostasis and oxidant damage in Kwashiorkor.
- GSH and Acute phase protein concentrations in normal children in response to infections
- The metabolic importance of urea nitrogen metabolism in relation to protein and amino acid needs of the young child.

- Body Composition , protein turnover and urea kinetics in adults.
- Body Composition , protein turnover and urea kinetics in pregnancy.
- GSH homeostasis in Sickle Cell Disease.

B. Molecular Genetics

- Genetics of angiotensin-converting enzyme
- Genetics of cardiovascular risk
- Genetic susceptibility to oedematous malnutrition
- Genetic determinants of glutathione levels in sickle cell disease
- Genetic association analysis of traits which may be conditioned by intrauterine and early life events

C. Fetal Origins Of Adult Disease

- Maternal determinants of foetal and placental growth – The Vulnerable Window Cohort Study
- Postnatal Growth and development in the Vulnerable Window Cohort Study
- Pre- and postnatal influences on blood pressure in children
- Size and proportions at birth and glucose tolerance in Jamaican children
- Left ventricular wall mass and birth weight
- Insulin-like Growth Factor-1: Evidence for fetal programming.
- Creating fetal growth curves for a Jamaican population.
- Birth weight and nephron number – The relationship to salt sensitivity.
- The maternal HPA axis and blood pressure in children.

D. Cardiovascular Physiology

- Do ethnic differences in vascular physiology contribute to stroke in Afro-Caribbean subjects?
- Salt sensitivity and blood pressure control in the African Diaspora

Sickle Cell Unit

A. Natural History of Sickle Cell Disease

- Epidemiological definitions in the longitudinal analysis of homozygous sickle cell disease
- Clinic attendance patterns (1973-1999).
- Identifying patients with homozygous sickle cell disease in Jamaica: patient recruitment when neonatal screening is not available.
- Measuring patient default in cohort studies.
- The haematological steady state in homozygous sickle cell disease.
- The duration of the painful crisis in homozygous sickle cell disease.
- The prediction of outcome in homozygous sickle cell disease: external validation of current models.
- Risk factors for albuminuria.
- Mortality, cause of death, and risk factors for early death in patients with homozygous sickle cell disease in Jamaica
- Asthma as a risk factor for the acute chest syndrome and chronic sickle cell lung disease
- Determinants of uric acid levels in homozygous SS disease
- Haematology indices in alpha thalassaemia patients
- Invasive pneumococcal disease in homozygous sickle cell disease: Jamaican experience
- Two methods of pain assessment in children with sickle cell disease. Agreement of patients, doctors and nurses
- Comparison of spirometry in 2 distinct populations of children of African descent to an accepted prediction equation
- Smoking behavior in adults with sickle cell disease in Jamaica

B. Genetics

- Genetic modifiers of sickle cell disease

C. Metabolism

- Glutathione metabolism in homozygous sickle cell disease
- Energy balance in sickle cell disease.
- Dietary intake and nutritional status in sickle cell disease.
- Macronutrient metabolism in sickle cell disease.

Epidemiology Research Unit

A. Cardiovascular Diseases

- The prevalence of hypertension and diabetes mellitus and their risk factors in Jamaica.
- The incidence of hypertension and diabetes.
- Nutritional epidemiology.
- The contribution of energy expenditure to the risk of obesity, hypertension and diabetes mellitus.
- The role of salt in the pathophysiology of hypertension.
- Cardiovascular disease and steroid hormone contraceptive use.
- Anticardiolipin antibodies in Jamaican women: cardiovascular disease and pregnancy.
- The genetics of diabetes (Lilly/BDA project).
- The epidemiology of stroke (collaboration with CDRC)

- National multipurpose surveys: The Jamaican national healthy lifestyle survey; Russia longitudinal monitoring survey (RLMS); the China health and nutrition survey (CHNS).
- Injury surveillance
- Aging, migration and health.

B. Health Services Research

- The quality of care of diabetes and hypertension.
- The knowledge base of patients attending a specialist hypertension clinic and the impact of an education intervention (collaboration with Department of Advanced Nursing Education).
- Health care outcomes in a major hospital.
- Determinants of health seeking behaviour in Jamaica.

C. HTLV-1 Epidemiology

- The epidemiology of HTLV-1 in Jamaica
 - a. Familial and genetic aspects of HTLV-1 associated diseases.
 - b. The follow-up of a cohort of subjects exposed to HTLV-1 infected blood.

D. Nutrition, Health, Development and Behaviour in Early Childhood

- Effect of low birth weight on the development, growth and morbidity of term infants and the benefits of a psychosocial stimulation intervention.
- Extent and impact of functional isolation in Jamaican low birth weight infants.
- Integrating early childhood psychosocial stimulation into primary health care nutrition services for undernourished children
- A randomized trial of the effects of zinc supplementation with and without psychosocial stimulation on the development and behaviour of young children.
- A cross sectional survey of the use of herbs among urban and rural adults and children in Jamaica.

E. Nutrition, Health, Cognitive Ability and Behaviour in School Aged Children

- Long term follow-up of children who were stunted in early childhood and the effects of nutritional supplementation and psychosocial stimulation.
- The effect of linear growth retardation in early childhood on cardiovascular risk factors at age 11-12 years.
- Child, family and school determinants of aggression in Jamaican school children.
- A survey of the perceptions of violence among Jamaican secondary school children.

F. Adult Nutrition

- Dietary and lifestyle factors related to risk of obesity and hypertension in Jamaican women. Implications for health promotion.

RESEARCH GRANTS

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THE LIBRARY MONA

Year ending July 31, 2001



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

THE LIBRARY, MONA

MAJOR ACCOMPLISHMENTS

Highlights of the year included the following:-

- The reintroduction and reopening of the **Academic Staff Reading Room** in the Main Library after several years of closure. This comprises a 540 sq. ft. facility equipped with 4 work stations, carrels, chairs and tables for individual or group work by Faculty who wish to conduct research in the Library away from their offices.
- Introduction of a Library Lunch Hour Get-together with Faculty as an annual activity. The inaugural session was designed to familiarize academic staff with the range of services provided by the Library including the commercial databases to which the Library subscribes.
- Introduction of Liaison Librarians for each Teaching Department. This was designed to improve communication and strengthen links between academic staff and the Library.
- Introduction of a **Bibliographic Instruction/Information Literacy Unit** to co-ordinate and structure the delivery of training courses to the Library's clients. The training courses are designed to equip participants with the skills required to access and effectively exploit electronic information resources provided through the Library's databases and other digital resources available on the Internet.
- Successful coordination and publication of the booklet **Research for Development: Strengthening our Tourism Product** prepared for Research Day 2000.
- Increased opening hours of the Overnight Reading Room to include Public Holidays, Saturday Nights, long weekends and the Summer School period.
- Initiation of the introduction and delivery of **“Using Information Sources”** Seminars in the Foundation Course FD 10A, **English for Academic Purposes** to all first year students in the Faculties of Pure and Applied Sciences and Social Sciences during regular semester sessions as well as in the Summer School session. Altogether, 2,300 students from the UC 120 and FD 10A courses participated in the information skills training modules offered by the Library in collaboration with the Department of Language, Linguistics and Philosophy.

Upgrading of the physical facilities continued with refurbishing work in the following areas:

- The Elsa Goveia Reading Room where dusty worn carpets were replaced with tiles, and the stack area which houses the **‘Westindiana’** research collection was partitioned and air-conditioned in order to preserve this valuable material.
- The Science Library’s basement which was completed by installing compact shelving, lighting and air-conditioning
- The 3rd floor of the Science Library which was tiled thus completing the renovation in the building
- The Catalogue Hall of the Main Library where the cabinets were polished.

CORE ACTIVITIES

Core activities performed by the Library comprise Service to Clients, Collection Development and Management and Organization of Information Resources to facilitate efficient retrieval of information.

CLIENT SERVICES

Emphasis was placed on strengthening service to clients. This was achieved in the following ways:-

Bibliographic Instruction/Information Skills Unit

Recognizing the paradigm shift in the way information is produced, stored and made accessible, emphasis was placed on training clients in effective ways of accessing electronic databases in order to fully exploit information resources in support of teaching, learning and research. To this end a fledgling Bibliographic Instruction/Information Skills Unit was established. Training sessions were offered to all librarians and para-professionals resulting in the development of a cadre of librarians who now offer a variety of training courses to users. It also helped to develop more confident para-professional staff able to help students more effectively.

Training courses were organized for Faculty members in order to encourage them to use electronic databases for research and to influence their students to make use of the digital resources that can be accessed through the Library. The results have been very encouraging.

Orientation sessions attracted over 1000 students who participated in Library tours and a general introduction to the Library. In addition to the regular introductory courses on using the On Line Public Access Catalogue

(OPAC), the following courses were organised and delivered to undergraduate and postgraduate students:-

- Introduction to the World Wide Web
- Internet Search Strategies
- Web Data Bases
- Citing and Evaluating Internet Resources

The Unit now co-ordinates a variety of training courses offered to special groups of undergraduate and postgraduate students at the request of faculty as well as to students who sign up voluntarily for the courses offered.

Liaison Librarians

Liaison librarians were assigned to each department with the intention of strengthening communication links. These librarians distribute information concerning new publications in the discipline, solicit suggestions for collection building, liaise with library representatives from the departments and in general provide feedback in order to help to improve the service offered.

Lending and Reference Services

Lending and reference services were well used with service points at the Main Library as well as at the Science and Medical branches showing increased usage. Worthy of note is the high level of usage recorded for MERIC in the Main Library and Science Branch and the Hopwood Medical Education Centre in the Medical Library. MERIC in the Science and Main Libraries operated at full capacity during the period under review when over 30,000 bookings were recorded during the first and second semesters. Usage in the Hopwood Centre was also at near full capacity and in addition it was used to offer training workshops to students by several departments.

It was particularly pleasing to note the shift from usage for e-mail purposes to usage for research purposes. Now approximately 50% of the usage recorded is in support of research compared to approximately 10 % during the previous year. This shift in usage can be directly attributed to the training offered in exploiting electronic resources.

Inter-library Loan and Document delivery

Inter-library loan requests exceeded that of the previous year by 50%. Improvements have been achieved in document delivery services particularly in the Medical Library, as a result of the acquisition of ARIEL, a special software package that allows transmission of documents as e-mail attachments. However there is still dissatisfaction with the response rates and turn-around time in the processing of interlibrary loan requests and

efforts are being made to make improvements in this area in the coming year.

Reprographic Services

Reprographic Services were enhanced with the introduction of an automated pay-for print service. The new service enables students to deposit funds to an account which is debited automatically when they print from workstations in the Campus Library system.

Library Service to Distance Students

Service to tutors and students in the University's Distance Education Programme was continued and enhanced through additions to the small core collections established in each centre and promotional/fact finding/training visits made to eight of the ten Intra-Jamaica Distance sites by the Distance Library Services Coordinator. All requests for material were satisfied and orientation sessions for students and tutors were offered in the general orientation session organized by UWIDEC.

COLLECTION DEVELOPMENT AND MANAGEMENT

Acquisitions, Gifts and Exchanges

Continuing efforts were directed towards building the collection to ensure that it remained relevant and up to date in support of teaching, learning and research needs. Efforts were made to strengthen communication links and solicit cooperation of faculty members with building the collection. Efforts were also concentrated on diversifying the collection from being primarily print oriented to include video, multimedia and other digital materials. It is hoped that these efforts will begin to bear fruit in the coming year.

Significant increases were recorded in the number of books ordered, acquired and processed. It is expected that closer relationship with faculty members through the liaison librarians will encourage faculty to play a more active role in filling gaps and assisting to update the print collection. The collection was augmented by many valuable donations. Notable among these were the regular donation of books from the Japanese Embassy, a complete set of papers from the 2001 Conference of Caribbean Historians donated by Sir Roy Augier and the collection of the late Professor Frederick Cassidy donated by his family. This collection includes a number of valuable manuscripts including that of *The Dictionary of Jamaican English*. The Library also continued to benefit from very fruitful exchange agreements with the other campuses and the University of Guyana.

Electronic Resources

The Library was successful in increasing access to electronic resources and full text of online journals by adding several databases from the suite of OCLC's First Search Database which provides access to several important data bases in the fields of Economics, Arts and Humanities and Education. Participation in OCLC's Electronic Collections Online (ECO) service also ensures that on line access is available to many of the periodicals for which the library has print subscriptions. Efforts were made to ensure that all disciplines are adequately represented in the range of databases to which the library subscribes.

Serials and UN Collections

Fair progress was achieved in adding the records and holdings of the general periodical collection as well as the Government Serials and UN collections to the OPAC.

Binding and Conservation

Staffing in the bindery was strengthened and conservation work carried out on the valuable collection of historical periodicals, *Gentleman's Magazine* (1734-1814). The conservation-microfilming programme was also continued but lagged behind the target set as a result of the increasing demands made on the Technician due to the increased workload in the photocopying unit. Partitioning and air-conditioning of the stacks in the West Indian Section has contributed significantly to improved environmental conditions for the preservation of the West Indies Collection and plans are being made to have the area fumigated to prevent the spread of insect infestation which is evident in some material.

ORGANIZATION OF INFORMATION RESOURCES

Cataloguing and Indexing

There was improvement in the number of titles catalogued particularly in materials requiring original cataloguing and online resources dealing with the Caribbean are now being catalogued and linked to the Library's Web Site. A retrospective conversion project is now underway with two staff members assigned to work full time on the conversion of records in the card catalogue for inclusion in the OPAC. Emphasis has been placed on converting the card catalogue of the West Indies Collection.

Work continued on building the West Indiana database with the main thrust being the inclusion of papers produced by faculty members. In the Science Library, work was also continued on the development and rationalization of the CAREN database.

Listings were prepared and physical organization done where needed for three collections, which had been acquired over time. These were papers of *Ann Spackman*, former lecturer in the Department of Government, *Richard Hart*, political historian and *George and Gloria Cumper*. Sociologist and Lawyer respectively. Similar work was also begun on the *Frederick Cassidy Collection* that contains published as well as unpublished material.

SPECIAL PROJECTS AND INITIATIVES

Caribbean Disaster Information Network

Phase 2 of the **CARDIN** (Caribbean Disaster Information Network) Project was successfully continued. This **ECHO (European Community Humanitarian Office)** funded network is designed to:

- Provide wider access to and coverage of disaster information in the region
- Facilitate the dissemination of disaster related information to the general Caribbean public on the World Wide Web, through the Newsletter and document delivery services.
- Create a database of disaster related information available on Internet, CD's and in print format which will provide an essential resource for policymakers, practitioners, researchers and the general public.

Phase 1 of the Project was evaluated by ECHO and received an excellent assessment report on its achievements. Based on this, Phase 2 which is now nearing completion was funded with a grant of EU200, 000.

Virtual Health Library

The Medical Library was named coordinator of the Virtual Health Library and the ground work has already begun on this project which is designed to improve access to health related literature and information to health and allied professionals and workers.

Information Technology

The deployment of a pay-for print service was successfully achieved using the Pharos UniPrint Reserve IT Systems and it is envisaged that in the coming year the implementation of the module to facilitate booking of the Library's work stations and other resources in all three branches will be achieved.

Work was commenced on the refurbishing of a section on the third floor of the Main Library to accommodate the systems staff and on the recruitment procedures for staff in the section. Work was also commenced

on the pilot project to digitize the heavily used past examinations papers collection and it is expected that this will be accessible in time for the first semester examination during the coming academic year.

As a result of approval on a University-wide basis to migrate to a newer-generation library system with enhanced capability and ease of use, a needs assessment survey was conducted in anticipation of the Request for Proposal stage. Work will be continued on this project in the hope that the upgraded system will be available for the 2002/2003 academic year.

The Library benefited somewhat from funds approved in the IT Strategy Budget by way of new equipment which facilitated the phasing out of obsolete workstations and NT Servers. Expected provisions for staffing and the move to the Sun 3500 Server have not yet been fully realised.

CONTRIBUTION TO OVERALL EFFICIENCY OF THE UNIVERSITY

Emphasis was placed on improving customer service in the delivery of library service at all service points. Feedback was solicited from clients and every effort made to address concerns that were expressed. Continued attention was focussed on improving the physical environment to provide pleasant working surroundings and an atmosphere conducive to study and research. Incremental improvements were achieved in the performance of the Library's core functions relating to Client Services, Collection Development and Management and Organization of Information Resources and the foundation laid for significant improvements in the future.

STAFFING

The Library continues to be a significant employer of students on the Mona Campus. They are employed in all three branches and are deployed in a variety of jobs. During the period under review **Mr. Samuel Bandara** was appointed to act as Deputy Campus Librarian vice **Mrs. Norma Amenu-Kpodo** who was granted Sabbatical /Study Leave from October 2, 2000 to January 2, 2002. **Mrs. Laxmi Mansingh** was promoted to Senior Librarian 111 (Professorial Grade).

Professional Staff have continued to serve on various University Committees including Gender and Development, Steering Committee on Human Resource Development, Staff Matters, Electronic Records Management and Academic Quality Assurance Committee.

RESEARCH IN PROGRESS

Samuel Bandara

- Bibliography of Caribbean Fiction
- Bibliography of Theses on Caribbean Literature

Swarna Bandara

- Virtual Health Library for Jamaica
- Electronic Publication and its impact on the Publishers and users

Gracelyn Cassell

- Arrow and Soca: Extracting Dollars out of the Music Industry
- Tourism in the Caribbean: Contemporary Research

Myrna Douglas

- Print Versus Electronic Journals: The Perception of Users in Pure and Applied Science

Patricia Dunn

- Elsa Vesta Goveia, Caribbean Historian: Her Life and Achievements.

Stephney Ferguson

- **Feasibility Study:** Caribbean Consortium of Academic Libraries

Jacqueline Roberts

- The Status of Information Literacy Skills Among Undergraduates Entering the UWI

Joan Vacianna

- Sources for the History of the Chinese in the Caribbean
- William Dampier – Pirate of Bybrook Estate, St. Thomas-in-the-Vale.

PAPERS PRESENTED

Stephney Ferguson

- “Then, Now and When: A look at Library and Information work yesterday, today and tomorrow.” Keynote address, 40th Anniversary Celebration of the Library Association of Trinidad and Tobago. 2nd December, 2000. Port of Spain, Trinidad and Tobago.

Paulette Kerr

- “Bibliographic Instruction, Information Literacy: Two Sides of the Same Coin of User Education?” COMLA 2000 Seminar, New Zealand, October 2000.

PUBLICATIONS

Refereed

Gracelyn Cassell

- * “Changing Culture of Libraries” Renee Feinberg Ed. New York: MacFarland, 2001. P41-50. **Library Services in Montserrat: Helping People Realize their full Potential.**

Judith Rao

- * “Select Bibliography of the Literature of the English-speaking Caribbean 1999” *JWIL* 9.2 (2001): 102-125

Non-Refereed

Enid Brown

- * Rouse Jones, Margaret and Enid Brown. “Documenting Cultural heritage: Focusing on the Oral History Collections at the University of the West Indies” **Documenting Movements, Identity and Popular Culture in Latin America. Papers of the Forty-fourth Annual Meeting of the Seminar of the Acquisition of Latin American Library Materials, Nashville, Tennessee, May 30 – June 3, 1999.** Ed. Richard F. Phillips, Texas: SALALM Secretariat, University of Texas, Austin 2000. 12-26.

Gracelyn Cassell, Verna George, Judith Rao, Tereza Richards

- * **Research for Development: Strengthening Our Tourism Product.** Jamaica: the Library, University of the West Indies, 2000

Beverley Lashley

- * “A Directory of Caribbean Disaster Agencies” edited by Samuel B. Bandara and Beverley Lashley. CARDIN, Jamaica. 2001
- * “Bibliography on Natural Hazards in the Caribbean” edited by Beverley Lashley and Samuel B. Bandara. CARDIN, Jamaica. 2001

- * **“CARDIN Newsletter”** edited by Beverley Lashley and Houple Henry

PUBLIC SERVICE

Gracelyn Cassell

- Coordinator, Montserrat Students’ Society

Patricia Dunn

- Member, National Library of Jamaica Collections Development Management Committee

Stephney Ferguson

- Justice of the Peace
- Immediate Past President, Association of Caribbean University, Research & Institutional Libraries (ACURIL)
- Vice Chairman, National Book Development Council of Jamaica
- Chair and Chief Judge, Book Industry Association of Jamaica, National Publishing Awards Committee, 1999
- Member, Jamaica Committee for Children’s Literature
- Member of the following Editorial Advisory Committees: ***LIBRI International Library Review***; ***ALEXANDRIA: The Journal of National and International Library and Information Issues***
- Member, IFLA Standing Committee on Education and Training.

Paulette Kerr

- Member, Library and Information Association of Jamaica, (LIAJA) Advocacy Committee
- Member, Planning Committee of ACURIL 2002 (Jamaica) Conference

Ouida Lewis

- Chairperson, Research and Publications Working Party, LIAJA

Rosemarie Runcie

FACULTY OF MEDICAL SCIENCES MONA

Year ending July 31, 2001



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



Drs. Michelle Williams and Courtney Harris receiving certificates from Prof. Owen Morgan, Dean

***Prize Winners
2000/2001:***
*Andre Ramdon,
Nneka Antoine,
Karina Hew,
Trudy Ann
Harper and
Joseph Cherian.*



*Some of the
Class of 2001
after Pledge
Ceremonies.*

DEAN'S OVERVIEW

The academic year 2000/2001 was another year of planning, reorganisation and consolidation. On November 1 and 2, 2001, the Faculty held a two-day retreat to review faculty policy, examine departmental needs, formulate plans for strengthening research and expanding the Faculty's administrative office to satisfy the needs of the Faculty. These areas of focus are consistent with the strategic objectives of the University to reshape the institution to meet the challenges and changes in the environment for tertiary level learning, teaching and research.

Highlights of Activities

The activities of the Faculty of Medical Sciences took into account a comprehensive assessment of the Faculty's performance by way of an internal review in preparation for the visitation of the General Medical Council of the United Kingdom (GMC). Although the GMC has not visited, the lessons derived from the evaluations were used to effect changes, which considerably improved the teaching offerings and the function of the hospital.

Much time was spent in restructuring and redefining issues related to the implementation of the new curriculum.

Several other review activities in the FMS were conducted during the year.

A Faculty curriculum retreat/review was held in September 2000 to plan new activities and to examine strategies for the implementation of a restructured curriculum.

Detailed plans have been made for an inter-regional/international two-day symposium aimed at addressing bio-medical, clinical and health systems research. The full involvement by all departments is anticipated, and it is expected that the results will not only be major contributions to the scientific literature but also will impact on the definition of health policies in the region.

Two (2) workshops were held from February 12-16, 2001; the first entitled: "Applying Medical Education", highlighted the educational

principles behind the restructuring of the undergraduate medical curriculum at Mona, with reference to learning theories, learning outcomes, small group teaching and their influence on the personal and professional development of students.

The second entitled: “Selecting Student Assessment Methods for the New Curriculum”, focused on the selection methods used in student assessment and particularly in defining systems which would ensure uniformity of grades with recommendations instituting the grade point average system and implementing credit systems for the courses to be delivered in the new curriculum.

These workshops were organized in collaboration with the Department of Medical Education, University of Newcastle, United Kingdom and the Centre for Medical Sciences Education, University of the West Indies, St. Augustine, Trinidad and Tobago and directed by Professor John Spencer of the School of Health Care Sciences, University of Newcastle, United Kingdom.

Curriculum

The FMS’s MBBS Curriculum was completely restructured. The Stage I programme will now extend to three (3) years, at the end of which time a **B. Med. Sci. degree** will be offered. The modifications to Stage 2 will ensure that the theme is modular and systems-based and enhanced by the use of interlinking disciplines. The emphasis on student centered learning will be greater and interspersed with special study modules, separate from existing core modules.

A handbook was produced to acquaint students with faculty life, the new curriculum, examination procedures and the requirements for learning in a university environment.

There was the introduction of IT in clinical departments and the upgrading of the lecture theatres. The FMS clinical departments were the last ones to be connected to the campus but this was finally achieved in August. Several new computers were distributed to the Faculty and the enhancing effect on learning, research and administration has already been noticed.

Examinations

The format of the undergraduate clinical examination in Medicine and Therapeutics was changed for the November/December 2000 examinations, to assimilate the properties of an objective structured clinical examination (OSCE). This format has been adopted in the UK and the Commonwealth countries and permitted the representation of Psychiatry into the clinicals.

New Programmes

Two new programmes were introduced. The **MSc in Clinical Psychology**, a joint programme with the Department of Sociology and Social Work was approved to begin with 11 students in 2001/2002 intake and the **MSc Family Medicine** by distance education.

Students Enrollment

The Faculty registered 99 students for the MBBS, nineteen (19) for the Certificate in Nursing programmes, twelve (12) for the BSc(N) and five (5) for the Diploma in Community Health (Health Promotion/Health Education)

Enrollment into postgraduate programmes was as follows:

DM	190
MPH	51
MSc Nutrition	16
MD	2
PhD	26
MPhil	42

The postgraduate residency programmes continue to be over subscribed but far too few training posts exist at the UHWI and the government hospitals to accommodate all the applicants.

Graduates

MBBS	76
BSc	7
Community Health	7
Certificate Nursing Administration	11
Certificate Nursing Education	8

Postgraduate Programmes

DM	34
MSc	5
MPh	25
MD	1
MPhil	1
PhD	5

Examination Results

The examination results were, on the whole, satisfactory. Twenty-one (21) students gained distinctions and one hundred and eight (108) honours in the Basic Medical Sciences. Five (5) students graduated with an MBBS honours degree.

Stage I – Examinations 2000/2001*

Examination	C. Health	Biochem.	Anat.	Physio.	Pharm.
Registered	110	110	99	102	107
Distinction	5	5	4	3	4
Honours	32	26	18	19	13
Pass	56	64	72	73	78
Fail	10	3	5	7	12
Exempt	–	19	–	–	–
Did not sit	7	9	–	–	–

Stage II- Examinations 2000/2001*

Examination	Path.	Med.	Surg.	Obs & Gynae.
Registered	88	84	86	85
Distinction	1	–	–	2
Honours	6	6	2	3
Pass	71	63	72	74
Fail	10	15	12	6
Exempt	–	–	–	–
Others	–	–	–	–

Awards***Student Prizes***

Anatomy Medal	–	Andre R. Ramdon
Physiology Medal	–	Karina E. Hew
Pre-Clinical Medal	–	Karina E. Hew
Biochemistry Medal	–	Joseph C. Cherian
Community Health Medal	–	Trudy-Ann Harper
Pharmacology Medal	–	Trudy-Ann Harper
D.A.N. & Vera Hoyte Prize in Anatomy	–	Nneka G. Antoine Jomo E. James
David Gunherg Prize in Anatomy	–	Trudy Ann Harper
Dr. Charles Thirumalai Prize in Physiology	–	Trudy Ann Harper

E.V. Ellington Memorial Prize	–	Karina E. Hew
E.V. Ellington Pre-Clinical Prize (donated by the Medical Alumni Association – Canadian Chapter)	–	Karina E. Hew
Noel Haye Prize in Anatomy	–	Karina E. Hew
Lisa Miller Prize in Pharmacology	–	Nneka G. Antoine
Walter Harper Prize in Anatomy	–	Andre R. Ramdon
Pathology/Microbiology Medal	–	Kerrie Fearon S. Robinson
Louis Grant Book Prize for M'biology	–	C. Stephenson
Professor Brooks Book Prize for Pathology	–	Kerrie Fearon

Awards

Professor Barrie Hanchard was presented with the **Vice Chancellor's Award for Excellence** in the category for research and the **Hon. Syringa Marshall-Burnett** in the field of public service.

Gifts and Donations

The Occupational Therapy Centre (Psychiatry) was rebuilt by the Rotary Club of St. Andrew, which obtained a grant of \$700,000 from Kaiser Jamaica Limited.

Donations on behalf of the medical students received were as follows:

Needy Students Fund – \$10,000.00 from the Medical Alumni Association – Jamaica Chapter.
\$10,000.00 medical doctors of '80, '81, '82A and '82B classes; and
\$100,000.00 – class of 2003 proceeds from Smoker.

Dr. Paul Dishner, a United States Physician who had done voluntary work in the Department of Medicine during the 1980s donated US\$25,000.00 to assist medical students with the acquisition of books.

Dr. Jeffery Pyne donated an air conditioner for the small lecture theatre. Significant donations were also received by the Department of Surgery.

N.B. (The list of 11 donations are listed in that department's report)

Contribution to Intellectual Life

The following public activities were promoted during the year:

The Annual Diabetic Conference – March 1-4, 2001 was held at the Renaissance Jamaica Grand Resort, Ocho Rios and highlighted “The Diabetic Lower Extremities”.

The Department of Advanced Nursing Education held its Executive continuing Education Workshop on April 24-26.

The Faculty’s Annual Research Day was conducted on November 9, 2000 and at its meeting the research activities of the FMS were publicized. Professor P. Cooper from Loyola University spoke on the topic “Research in a Clinical Setting” and identified ways in which a balance could be struck between clinical practice and research. There were 19 oral presentations.

The Association of Consultant Physicians of Jamaica and the First Regional Conference of Seventh-Day Adventist Health Professionals, held a symposium in April 2000 on “Care, Including Medical Treatment of Persons with HIV/AIDS”.

The World Mental Health Day Conference was held on April 9, 2001 – its theme “We Can Do Better: Dare to Care, Stop the Exclusion”.

The Annual Caribbean Health Research Conference held on April 28, 2001 brought together researchers in the Caribbean who presented papers on a wide range of health issues in the region.

The 13th Annual Nursing Midwifery Research Conference held May 15 and 16, 2001 focused on ‘HIV/AIDS – All At Risk’.

The Faculty’s **inaugural lectures** have become a major item on the University calendar.

The lectures by Professors C. Christie, R. Wilks, S. Walker and F. Hickling were of an extremely high standard and were all memorable events. The topics chosen were:

Prof. Christie – “Whopping the 100-day cough. Towards a whoop-la for Tomorrow’s children”.

Prof. Wilks – “Health Trends in the Caribbean Impact on Public Health and Implication for Government and Academic Policy”.

Prof. Walker – “Food for Thought: Nutrition and Child Development”.

Prof. Hickling – “Psychohistography Challenge to the Episteme. The Legacy of Caribbean Scholarship in the Development of Ethno-Psychiatry”.

Distinguished Visitors

The Faculty welcomed many distinguished visitors who are listed by departments in their separate reports.

Promotions

The Faculty celebrated the elevation to professorship of – **Drs. C. Denbow, E. Barton and M. Branday** and the promotion to Senior Lecturer of **Drs. R. DuQuesnay, A. Pearson, I. Crandon and A. McGaw-Binns**.

Obituaries

The Faculty bade farewell to Dr. Rolf Richards, Professor of Medicine, Mrs. Pauline Morrison, former Administrative Assistant in the Dean's Office, Miss Vernon McLeary, Secretary in the Section of Biochemistry, Mrs. Ivy McGhie, Lecturer, Department of Community Health & Psychiatry and Mrs. Andrea Bailey, Technologist, Department of Microbiology.

Research and Publications

The research output of the Faculty continued to be satisfactory and is reflected in articles, conference reports, presentations and projects contained in the individual departmental reports. A major advance was the establishment of collaboration between departments with outside agencies and institutions as occurred with the MSc Clinical Psychology. The development of a regional addiction programme was a major undertaking. Several technical reports were provided for the Ministry of Health, the Government of Jamaica and PAHO on important health issues by the Department of Community Health and Psychiatry.

Cooperative Agreements

A cooperative agreement was signed with Hirosaki University and the Dean visited the University of Panama to assist with the development of postgraduate programmes.

Professional and Public Activities

Staff members of the FMS were active in public service and contributed in several spheres of activities:

- as Chairman or advisors on Government Boards
- fund-raising activities to assist with the purchase of drugs by patients with renal failure
- outreach activities in hospitals, schools and clinics
- community mental health service

New Staff Members

Dr. Anthony D’Souza	–	Department of Basic Medical Sciences – Anatomy
Dr. Mark Ashley	–	Department of Basic Medical Sciences – Biochemistry
Dr. P. Rajendran	–	Department of Basic Medical Sciences – Physiology
Dr. P. Williams-Green	–	Department of Community Health & Psychiatry – Community Health
Professor F. Hickling	–	Department of Community Health & Psychiatry – Psychiatry
Dr. Althea East-Innis	–	Department of Medicine
Dr. Shaun Wynter	–	Department of Obstetrics, Gynaecology & Child Health – Obstetrics & Gynaecology
Dr. Vernon DaCosta	–	Department of Obstetrics, Gynaecology & Child Health – Obstetrics & Gynaecology
Dr. Mark Newnham	–	Department of Surgery, Radiology, Anaesthesia & Intensive Care – Surgery

Resignations

Mrs. Patricia Desai	–	Community Health
Dr. Leon Guppy	–	Pharmacology

Conclusion

The Faculty is committed to provide relevant programmes for its students and keep in pace with recent developments and in this way prepare them adequately for the future. It is aware of the need to provide quality education in a truly student-centred environment. All efforts will be made to maintain the highest standards in training, conduct practical and meaningful research, and provide students with the skills, which are culturally and scientifically appropriate to satisfy the national and regional health needs.

DEPARTMENT OF ADVANCED NURSING EDUCATION

**Syringa Marshall-Burnett, CD, RM, RN, BScN, Dip PHN Tor,
MA NY, Dip Mgt Stds UWI – Head of Department**

In this exceptional year the Department marked successes in several areas with staff and students engaged in some interesting and exciting activities. The academic year had a variety of Departmental, Faculty and Campus activities which engaged the participation of all staff members.

Awards and Achievements

Vice Chancellor's Award for Excellence in the area of Public Service. In an elegant and joyful Presentation Ceremony, UWI Mona Assembly Hall, November 2, 2000. **Syringa Marshall Burnett** received this highly prized Award. It was an evening of great pleasure for all five (5) Awardees, the University community, relatives and friends.

The Hon. Syringa Marshall Burnett, CD completed five (5) years as President of the Senate, Upper House of Parliament, Jamaica.

Dr. Hermi Hewitt, lecturer returned from the University of Iowa after successfully completing her doctoral studies (in 2000) her dissertation topic was **“Contributions of Three Nursing Leaders to the Development of Registered Nursing Education in Jamaica 1946-1986”**. Dr. Hewitt is a graduate of the first class of the UWI BScN programme, 1984, and the first BScN graduate to attain this distinction.

Two earlier Certificate in Nursing Education graduates gained similar academic distinction:

Dr. Helmsley Stewart of Jamaica (UWI, 1971) gained the PhD in Nursing from George Mason University in 200. Dr. Patricia Israel of St. Vincent & the Grenadines (UWI, 1976) gained her EdD and currently works with PAHO, Washington.

Miss Sheryll Lopez, lecturer is engaged in part time doctoral studies having now been upgraded from MPhil to PhD status.

Miss Yvonne Cockburn Administrative Secretary successfully completed the UWI Certificate in Public Administration.

Miss Toni Ann D'Oyley (part time secretarial staff) ranked first Junior Athlete in Jamaica and Fourth Junior in the World captained the very successful Jamaican Team to the Pan American Games, Chile.

WORK OF THE DEPARTMENT

Administrative matters:

Entrance Examination February 2001 for academic year 2001/2002: Forty eight (48) candidates sat this examination : Certificate in Nursing Administration -21; Certificate in Nursing Education - 9; Nurse Practitioner Programme -18; Antigua/Barbuda -2; Bahamas - 5; Barbados - 6; Dominica - 4; Grenada -3; Jamaica - 23; Montserrat B 1; St. Kitts Nevis - 2; St Vincent & the Grenadines - 2). Forty-one (41) were successful, three (3) borderline in both Nursing and English papers and one (1) failed. The Selection committee met on April 30, 2001. For the BScN programme there were 6 applicants; five (5) were offered places 2001/2002 academic year, seven (7) deferred from the previous year and thirteen (13) in the current Certificate programmes are seeking admission. Funding and Leave from employers are the two major determinants of those who will register. The Final Examination meeting for 1999/2000 academic year was convened August 15, 2000.

Distance Education

Dr. Joy Fraser of Athabasca University, Alberta Canada, visited DANE, October 2 & 3, 2000 and March 13-29, 2001. Dr Hewitt worked with Dr. Frazer during the March visit. At the April's departmental meeting the draft report of Dr. Frazer was reviewed. Following Dr Frazer's visits a meeting were held with Professor Koul to inform him of DANE's intent to introduce distance education programmes. A meeting was also held with Mrs. Lilieth Williams on June 2, 2001, regarding the formatting of Distance Education courses.

Departmental Meetings

Four (4) Departmental meetings were held August, November, January and April. The August meeting focused on new students and Semester 1 activities; the November meeting focused on Research; and the January meeting reviewed Entrance, Final and Supplemental Examinations and Semester 1, and prepared for Semester 2. In addition there were meetings to review course work examinations and results.

Nursing Research Conference Committee monthly meetings were convened by *Mrs. Wint*, Assistant Lecturer. All staff and co-opted members participated. Monthly meeting were held from December to March and weekly April-May, 2001.

Other meetings:

Nurse Practitioner Programme

- The Ministry of Health initiated discussions with the Dean regarding that Ministry's request to the Dean that these programmes, which have been a joint offering of the Ministry and Faculty since 1977, should now become a full University programme. The first meeting was held April 20, 2001 and regular meetings have continued.
- Discussions were held with Browns Town Community College, (BTCC) and meetings with their Nursing Education Coordinator, Mrs. Joy Webley regarding a proposed generic BScN programme - BTCC and UWI.
- The Annual Examination Committee meeting for the Nurse Practitioner Programme was convened on November 6 and November 14, 2000 and determination made on the students performance

Annual Departmental Retreat

The Annual Departmental Retreat held July 2-6, 2001 at the Hilton Hotel Kingston was attended by all academic staff and the External Examiner. The Retreat was addressed by the Dean, Prof. Owen Morgan on the future direction of the Faculty.

Dr. Elaine Patterson RN, Associate Professor, University of Medicine and Dentistry New Jersey, School of Nursing New Jersey, USA completed three years as External Examiner. At the retreat she gave a summary of her recommendations over the three years. She made a distinct and lasting contribution to the Department, not only as External Examiner but also sharing Curriculum knowledge and donating text books and other materials.

Curriculum Review and Development

The major curriculum activities of the year were finalizing the reorganization of the current Post RN BScN and the relevant regulations, finalizing courses for a generic BScN and developing courses and relevant regulations for Graduate programmes.

Continuing Education Workshops for Registered Nurses:

Based on meetings with the Chief Nursing Officer and the Registrar of Nursing Council, Jamaica, continuing education workshops for registered nurses were conducted during the summer. The workshops had full attendance from RNs at all levels and were highly recommended. The most prominent recommendation was that these should be repeated in other parts of the island for those participants who were unable to attend.

The workshops were as follows:

- A eight week Clinical Teaching programme May 16 B July 6, 2001 which attracted 16 candidates (Barbados (3, Dominica (1), Jamaica (10), St. Lucia (1), St. Vincent & the Grenadines (1), All were successful and gave the programme very positive and high ratings. The programme was directed by Syringa Marshall Burnett, coordinated by **Mrs. Gloria LaTouche** with critical assistance from **Mrs. E. Bailey, Miss S. Lopez** and **Mrs. Y. Wint**. Preceptors gave substantial support in the clinical areas.
- A three day continuing education programme was offered to each of the following groups:

RN's Grades 1-3	Process of Nursing Care	16 Participants
RN's Grades 4-7	Management of Nursing Care	34 Participants
RN's Grades 7-9	Strategic Management	34 Participants

Participants received 17 Contact hours for renewal of Licensure and other purposes. **Dr. Hermi Hewitt** conducted the Strategic Management workshop for Senior Managers and **Mr. Peter Carr** was the guest lecturer. The other two workshops were conducted by **Syringa Marshall Burnett**, assisted by staff members and coordinator **Mrs. Gloria LaTouche**.

Department of Advanced Nursing Education Nursing Midwifery Research Centre (DANE/NMRC)

Under the general direction of the Head of Department, the work of the NMRC is coordinated by **Mrs. YB Wint**, and all staff individually and collectively participate.

At the first meeting for the academic year, the work programme and research agenda for 2000/2001 was outlined. Subsequent meetings addressed the 13th Annual Nursing Midwifery Research Conference; participation in and preparation for faculty, campus and other regional and international research conferences; facilitating the work of new researchers, assisting Schools of Nursing/Midwifery; stimulating research activity among alumni in their respective countries; providing research supervision on request and continuing collaborative work.

PROJECTS

Syringa Marshall Burnett and Thelma Campbell

- * Evaluation of BSc Nursing programme Northern Caribbean University, Mandeville, Jamaica, November 2000, for the University Council of Jamaica. Report submitted.

Syringa Marshall Burnett, Richard Griffith and Luret Clarkson

- Evaluation of the Associate Degree Nursing programme, College of the Bahamas for the Nursing Council of the Bahamas, October 2000, Oral and written report submitted to College of Bahamas and to Nursing Council respectively.

Syringa Marshall Burnett

- Team Leader, Evaluation of Clinical Areas North East Region for Nursing Council of Jamaica. Report submitted (after each visit).
- Proposal completed for Maternal Child Health studies in collaboration with North East Region, Ministry of Health and Bowen Research Centre, Indiana University

RESEARCH IN PROGRESS

- **Duff Dr. Marilyn** “Follow Up of Eighty (80) Patients with uncontrolled Hypertension”
- Dawkins E, **Hewitt H**, Obiefuna P, Wint Y. “Effect of Carica papaya on common wound organisms”
- **Lopez, S.** “Psychosocial Coping Mechanisms of Patients with End Stage Renal Failure on Dialysis, and their Families” (*Doctoral study*)
- **Marshall Burnett, Syringa**, Bailey Ellen*, Wint Y. “Trace Study of BScN Graduates”
- **Marshall-Burnett S., Hewitt H., Lopez S., Whittle S, Wint Y:** “Topical Use of Papaya for Chronic Ulcers – Patient Studies”.
- **Weaver, S.** “Health and illness in a Rural Community” (*Doctoral Study*)

Staff Collaboration in Research/Conference Involvement

Dr. EM Duff, EY Bailey, YB Wint

- Prepared and supervised research and information posters for Mona Campus and Faculty Research Days, Caribbean Health Research Council, Scientific Meeting and International Academic Research Conference, George Mason University, USA.

Syringa Marshall Burnett, Denise Korniewicz, Peter Johnson

- assisted by all staff, conducted a one day workshop November 30, 2000, for nurses engaged in HIV/AIDS research as a follow up to a June 2000 research initiative with U Maryland. The status of the

research projects in Jamaica was reviewed, and assistance given as indicated or requested by the investigators.

- Nurses pursuing HIV/AIDS studies arising from the UMaryland /DANE collaboration met frequently in the NMRC to receive guidance and supervision. The involvement and mentoring led to one new researcher registering for the MPhil/PhD.
- **The Annual Nursing Midwifery Research Conference and Mary Seivwright Day** with the theme, HIV/AIDS- ALL AT RISK May 15 and 16, 2001, attracted a national and regional audience of 518 registrants which was reported as the largest research conference by a department in the faculty.
- Professor Mary Boland, Francois-Xavier Professor of Nursing, School of Nursing, New Jersey School of Medicine and Dentistry, was the key note speaker. The fifteen (15) refereed studies covered broad areas of concern. In addition to research, there was a paper on the Nursing Midwifery Research Centre (DANE/NMRC) and another on “Guidelines to publish a research paper.”
- A lay person’s panel discussion and the use of drama to convey HIV/AIDS health promotion messages completed the two day conference.

PAPERS PRESENTED

EY Bailey

- “Topical use of Papaya in Chronic Skin Ulcer therapy in Jamaica”, and “Impact on blood pressure control of a six-month intervention project”

EMW Duff,

- 4th Nursing Academic International Congress, George Mason University College of Nursing and Health Sciences, Virginia USA. October 1-4, 2000 and 9th Annual Faculty of Medical Sciences Research Conference November 9, 2000 UWI, Mona.
- “Satisfaction among patients attending a specialist medical clinic” Faculty of Medical Sciences Research Conference, November 9, 2000, UWI Mona
- “How to publish a research article” at the Annual Nursing Midwifery Research Conference.

Dr. H. Hewitt

- “Role of the Clinical Supervisor” at a seminar for Senior Nursing and Medical Staff, Victoria Jubilee Hospital, April 4, 2001;
- “A Proposed Clinical Ladder for Nurses” Regional Nursing Body Education Committee meeting, Anguilla, January 18-19, 2001;
- “Current Trends in Nursing: Implications for Practice” Nursing Education Department, Northern Caribbean University, Mandeville April 11, 2001;
- “Lest We Forget: A Historical Review of Olive Ennever’s Contribution to Nursing Education.” Fifth Olive Ennever Memorial Lecture, University Hospital of the West Indies, Mona, Jamaica May 11, 2001
- “The Politics of Disseminating Research Findings: Implications for Nurse Researchers” 29th Annual Conference, Jamaica Operating Theatre Nurses League, Renaissance Jamaica Grande, Ocho Rios, June 2, 2001.

Syringa Marshall Burnett

- “The Changing Role of Care Givers” National Curriculum Committee Conference, April 11, 2001, Government Conference Centre, Kingston Jamaica.
- “More Power to the Nurse – Political Action”, 29th Annual Conference, Jamaica Operating Theatre Nurses League, Renaissance Jamaica Grande, Ocho Rios, June 2, 2001.
- “Professional Life”. Address to Nursing graduates, Northern Caribbean University August 12, 2000, NCU Mandeville, Jamaica.

PUBLICATIONS**Refereed****Bailey, EY.**

- * “Nursing Education: the flagship for health care in the new millennium” *The Jamaican Nurse* 38, 1(2000): 4-7

Duff EMW, Simpson SH, Whittle S, Bailey EY, Lopez S, Wilks R.

- * “Impact on blood pressure control of a six month intervention project”. *West Indian Med J* 49,4 (200): 307-311.

Duff EMW

- * "How to publish a research article". Conference proceedings of the 13th Annual Nursing Midwifery Research Conference, Department of Advanced Nursing Nursing Midwifery Research Centre, May 15-16, 2001. UWI, Mona.

Hewitt H & Donahue M.

- * "Passing on more than a blank disc: A task for Nursing. Historians". *Nursing History Review* 9: (2001): 207-215

Marshall Burnett S.

- * "Editorials" *The Jamaican Nurse* 38, 1 (2000): 3; 39, 1(2001):3.

Abstracts

Codner M, Duff EMW, Bailey EY

- * "Perceptions of Jamaican nurses regarding their work experiences with foreign nurses". *West Indian Medical Journal*; 50: (Supp 2) (2001):61

Duff EMW

- * "Impact on blood pressure control of a six month intervention programme". In Conference proceedings of the 4th Nursing Academic International Conference, George Mason University College of Nursing & Health Sciences. October 1-4, Virginia USA

Graham M. Duff EMW, Bailey, EY

- * "Exploration of risk factor among female adolescents with sexually transmitted infections". *West Indian Medical Journal*; 50: (Supp 2): (2001):51. Award winning poster at the 46th Annual Scientific Meeting of the Caribbean Health Research Council, April 25-28, 2001, Kingston Jamaica.

Robillard RH & Hewitt HH.

- * "Attitudes of nursing staff in Jamaica regarding patients with HIV/AIDS". Conference proceedings of the 13th Annual Nursing Midwifery Research Conference, NMRC/DANE, May 15-16, 2001 UWI, Mona/

Long-Carr P, Duff EMW, Bailey EY, Denbow C

- * "Satisfaction among patients attending a specialist medical clinic". *West Indian Medical Journal*; 50 (Supp 15, (2001): 18

Wilson A, Duff EMW, Bailey EY, Wright-Pascoe R;

- * “Knowledge, beliefs, practices, blood pressure and blood glucose control in women with diabetes mellitus”. *West Indian Medical Journal*; 50 (Supp 15) (2001): 36. Poster presentation at the Faculty of Medical Sciences 10th Annual Research Conference, November 9, 2000, UWI, Mona.

Non refereed

Senator the Hon. Syringa Marshall Burnett

- * Bicameralism A Way Forward. Proceedings of the Meeting of the World’s Senates, Palais du Luxembourg Paris France, March 14, 2000. Le Senat 2000. P64-65
- * Challenges at the Dawn of the Third Millennium. Proceedings of the Conference of Presiding Officers of National Parliaments – United Nations NY. USA August 30 – September 1, 2000. Inter-Parliamentary Union, Geneva Switzerland, 2001. P163

Student/Graduate Matters

The academic year 2000/01 commenced with orientation in August. Individual intake interviews and counseling of students proceeded smoothly. Online Registration presented challenges but the outcomes were clearly advantageous and the system will no doubt be perfected. Academic advisement/counseling continued during the year associated with assignments and course work. Personal/health matters were attended and/or referred as necessary. Two students had babies during the academic year.

Dr. Marilyn Duff

- Assisted by Mrs. Ellen Bailey supervised eight (8) studies conducted by BScN Students.

Dr. Hermi Hewitt assisted by Miss Sheryll Lopez and Mrs. Yvonne Wint supervised six (6) Group Projects by Certificate Students (including Nurse Practitioners)

Mrs. Keron Jones Fraser was awarded the Tastee Nursing Scholarship and **Mrs. Denese McFarlane** the Mildred Marshall Bursary.

Certificate students had specifically assigned field preceptors who coordinated their daily activities in the assigned agency. These were done in collaboration with DANE staff. The BScN students spent one week in Cornwall Regional Hospital.

RESULTS 2000/2001:

Certificate Nursing Administration:	Distinction – 1;
	Honours – 3;
	Pass – 7;
	Fail – 1 (99/00)*

Miss Merna Graham BScN, UWI 2000 first class honours graduate was awarded the **Caribbean Public Health Association Prize for best student poster presentation** at the 46th Scientific Meeting of the Caribbean Health Research Council April 25-28, 2001 meeting, Kingston, Jamaica for her study on the “Exploration of Risk Factors among Female Adolescents with Sexually Transmitted Infections.” The study was done in part fulfillment of BSCN and was supervised by Dr. Marilyn Duff and Mrs. Ellen Bailey.

There were seven (7) students (1 male) for the 24th class of the eighteen (18) month Nurse Practitioner Programme, (2000/2002) jointly conducted by the Ministry of Health and the Faculty of Medical Sciences through the Department of Advanced Nursing Education. All but one student (1- St. Lucia) were from Jamaica; six (6) for the Family Nurse Practitioner programme and one (1) Mental Health Psychiatric Nurse Practitioner Programme.

The 23rd graduation of Nurse Practitioners was held in the large lecture theatre, Faculty of Medical Sciences, February 15, 2001 with 10 grandaunts (1 Mental Health/Psychiatric Nurse Practitioner and 9 Family Nurse Practitioners). Students were from Bahamas, Dominica, Jamaica, and St. Lucia.

Physical Facilities:

The building was finally shuttered in its entirety for the hurricane season. Discussions continued with the Estate Manager's Office and the Projects Office regarding the ground floor extension of the building. This extension will provide the much needed demonstration room, storage area, conference room and staff facilities.

The department received gifts of books and periodicals; **bought** one (1) facsimile machine, four (4) printers, three (3) lateral and six (6) upright filing cabinets, eight (8) Uninterrupted Power Supply (UPS) for computers and twelve (12) flashlights.

PUBLIC SERVICE**EYBailey**

- Member, UHWI School of Nursing League of Graduate Nurses, Executive.
- Member, Nursing Council Accreditation Team
- Member, The Jamaican Nurse Committee, Nurses Association of Jamaica
- Member, Liguanea Kiwanis Club Indigent Feeding Programme
- Member, Volunteer Nurse, Annual Synod of the Methodist Churches in the Caribbean & the Americas.
- Member, Family Life Committee, Jamaica District of the Methodist Church in the Caribbean and the Americas

EMW Duff

- Member, Nursing Council Research Committee
- Member, Equestrian Federation of Jamaica
- Member, Jamaican Food and Nutrition Institute
- Member, Alumnae Association, Royal Victoria Hospital, Montreal, Canada.
- Member, Jamaica Society for the Prevention of Cruelty to Animals

H. Hewitt

- Member, University Hospital School of Nursing, League of Graduate Nurses
- Member, Faydene Methodist Home for the Elderly, Friends Committee

- Secretary, Family Life Committee, Methodist Church in the Caribbean and Americas, Jamaica Methodist District
- Chairman, the Jamaican Nurse Committee, Nurses Association of Jamaica
- Member, Alumni, Universities of West Indies, Tulane and Iowa.
- Member, Nursing Council of Jamaica, Biennial Relicensure Committee.
- Member, Sigma Theta Tau International Honour Society of Nursing

S. Lopez

- Member, UHWI School of Nursing, League of Graduate Nurses, Executive
- Member, Nursing Council of Jamaica, Adviser on Item Writing for Regional Examination
- Member, Nurses Association of Jamaica, the Jamaican Nurse Committee
- Board Member, Heart Foundation of Jamaica

S. Marshall Burnett

- Chair, Co Chair Committees of the Houses of Parliament
- Partnership Advisory Board, Poverty Eradication Programme, Office of the Prime Minister
- Member, Nursing Council of Jamaica, Chair, two committees, Editor, Council Communiqué
- Member, Nurses Association of Jamaica, Property Management Committee; Editor, the Jamaican Nurse;
- Member, National Executive and Executive, Peoples National Party; serves two committees
- Member, Advisory Board, American Journal of Nursing
- Member, WHO Expert Committee on Nursing
- Member, Theta Tau International Honour Society of Nursing.

Steve Weaver

- Research Committee, Nursing Council of Jamaica
- The Jamaican Nurse, Publications subcommittee, Nurses Association of Jamaica
- Vice President, Lion s Club of St. Andrew – Eye Programme and Nutrition outreach.
- Acting President, Ottawa Ave. Neighbourhood Watch
- Non-professorial Representative, Academic Board.

YB Wint

- Secretary, Mount View Academy PTA
- Member, Nurses Association of Jamaica, the Jamaican Nurse Committee

DISTINGUISHED VISITORS

PVC Professor Errol Morrison, UWI School of Graduate Studies

Prof. Trevor Jackson, UWI School of Graduate Studies

Dr. Elaine Patterson, Associate Professor, U Medicine and Dentistry of New Jersey (UMDJ) School of Nursing, New Jersey, USA

Dr. Mary Boland, RN Professor of Nursing, School of Nursing, UMDJ New Jersey,

Dr. Denise Korniewicz, Professor of Nursing U Maryland Faculty of Nursing

Dr. Peter Johnson, Asst. Prof. of Nursing, U of Maryland, Faculty of Nursing

Dr. Ken. Richards, Consultant, Emergency Services, Ministry of Health

Mrs. Cynthia Chasokela, Chief Nursing Officer, Zimbabwe, Kellogg Leadership Fellow

Obituary

Mrs. Merlene Trought, MPH, FNP, RN, Tutor, Nurse Practitioner Programme

Mr. Heron Carnegie, MPH, NP, RN, 1st graduate, MH/Psych. Programme 1998.

Prof. Rolf Richards, UWI Mona & St. Augustine – Mt. Hope.

DEPARTMENT BASIC MEDICAL SCIENCES

Professor Harvey L. Reid, BSc (Hon), PhD Lond, FICA
– Head & Deputy Dean

WORK OF THE DEPARTMENT

The 2000/2001 academic year experienced a great deal of staff turnover in the four Sections of the Department.

The Department records its profound sadness at the passing of Mr. R. Cousins, Senior Instrument Technologist, and Miss. Veron McCleary, Senior Secretary. Both had given long and dedicated service to the Biochemistry Section, in particular and to the Department of Basic Medical Sciences, in general. The Department also mourned the passing of Master Jamarr Lowe, aged four, the son of Miss. Debbie-Ann Daley, Secretary III in the Physiology Section.

Congratulations are in order to Miss. Juliet Smith, Graduate Student and Animal House Technician and Mr. Hopeton Marshall, Technician, of the Pharmacology Section, on their marriage.

Professor T. L. The retired from the Anatomy Section, which he served with distinction for a total of 26 years. He has made an immeasurable contribution to the University in terms of his teaching and research in the field of Anatomy. Mr. Vansome Ricketts, Chief Animal House Attendant, and Mr. Alexander Thomas, Animal House Attendant, retired after over forty years of combined service to the Department.

Dr. Leon Guppy, Lecturer, and Mrs. Eugene West, Nursing Technician, both of the Pharmacology Section, resigned from their posts. Dr. Lawrence A. D. Williams, Lecturer of the Anatomy Section also resigned his post.

The Department extends congratulations to Drs. Andrew Pearson (Biochemistry) and Laurrian, E. Young, (Physiology) on their promotion to the rank of Senior Lecturer.

An active drive was launched in an effort to fill some of the vacant academic and technical posts. Four new academic staff were appointed. These included three Lecturers, namely, Drs. Mark Ashby (Biochemistry), Palamisamy Rajendran (Physiology) and Anthony D'Souza (Anatomy) and one Professor, Dr. Fritz H. Guldner, Professor of Anatomy. Professor Guldner will take up his appointment in May 2002. Five technical posts

were filled during this academic year. The appointment of new staff is timely to coincide with the implementation of the newly Restructured Medical Curriculum in the 2001/2002 academic year.

The Department was particularly pleased to have applied for and granted the established post of a Senior Administrative Assistant. Mrs. Tazhmoye Crawford-Brown has been appointed to this post and will assume duties in January 2002.

Three Research Fellows were appointed this year. **Dr. Felix Omoruyi** was appointed in March 2000 and is working with Dr. Helen Asemota on “anti-nutritional factors in tuber crops”. **Dr. Andrew Wheatley** is also working with Dr. Asemota on “Bioengineering in Caribbean Yams: Production of high yielding yam planting materials for farmers’ use”. **Dr. Peter Obiefuna** worked with **Dr. Michelle Hamilton** on the commercialization of xanthan gum using a novel fermentation process from molasses. In addition, the University Research Fellowship Committee approved a request from **Dr. Dalip Ragoobirsingh** for a Research Fellowship, to carry out work on “studies on molecular signal transduction mechanisms in diabetes mellitus”.

Staff Development

Several members of staff took advantage of various staff development programmes. Miss. Icolyn Hayes, Scientific Officer, attended a workshop on Advanced Experiments in Molecular Biology at Michigan State University, USA.

Drs. Marcia Roye and Mark Ashby attended the Teaching Skills Workshop hosted by the Instructional Development Unit for Academic and Senior Administrative Staff in March 2001.

Professor H. Reid attended the Joint Committee for Tertiary Education 10th Annual Conference: *Assuring quality in Tertiary Education*, April 26, 2001 at the Hilton Hotel, Kingston.

AWARDS

Dr. Marcia Roye was the recipient of the Scientific Research Council/Shell Young Scientist/Technologist Award for 2000.

Emeritus Professor Manley West received the following awards in recognition of his contribution to the development of Pharmacology:

- The Blue Mountain Award from Portland Home Coming Committee
- The Eureka Cup Award from the Association of Caribbean Pharmacists

- The Blue Cross Award for the Innovator of the year
- The CARIMED Award for Research in Pharmacology

RESEARCH GRANTS

The Department received grants totaling more than US\$ 101,352.00.

RESEARCH IN PROGRESS

M. Ashby

- Signal transduction pathways in cyanobacteria.

H. Asemota

- Development of biotechnological/biochemical/molecular strategies for production and storage improvement, and optimal utilization of tropical tuber crops – yams (*Dioscorea spp.*), dasheens (*Colocasia sp.*) and cocoyams (*Xanthosoma sp.*).

M. T. Gardner and T. L. The

- The induction of prostate cancer in castrated rats (assessing factors such as dietary lipids and the effect of heavy metals found in local terra rosa soils).

M. T. Gardner, T. L. The and C. K. Fletcher

- Biological effects of aqueous and lipid extracts from the ackee (*Blighia sapida*).

Sujathamma, Y., T. L. The, M. T. Gardner and C. K. Fletcher

- Embryological and teratological effects of cadmium and zinc on pregnant rats.

J. Menzie and T. L. The

- Investigation of chemically induced breast cancer in rats.

K. Golden

- the post harvest physiology of tropical fruits with special interest in the ripening process. The role of ACC (1-amino-cyclopropane-carboxylic acid) deaminase in fruit ripening is being investigated. The production of ethylene oxidase by the breadfruit (*Artocarpus altilis*) is also being investigated.

M. Gossell-Williams

- Pharmacological studies of a muscarinic alkaloid isolated from *Albutilon trisulcatum*.

L. Lindo

- Anti-diabetic properties of compounds from *Pilea elizabethae*.

N. McFarlane-Anderson

- Genetic and dietary factors in preeclampsia and cervical cancer; immunological uses of bacterial antigens.

W. McLaughlin

- Genetic engineering tomatoes for resistance to geminiviruses. Genetic recombination of geminiviruses. Genetic diversity of landrace of kidney beans (*Phaseolus vulgaris L.*) and *capsicum chinense Jacq.* Development of molecular markers for *capsicum chinense Jacq.* Plant-Microbe interactions between rhizosphere in peppers and tomatoes

J. Mills

- Investigation of maturity onset diabetes of the young (MODY) in the Jamaican population.

E. Morrison

- Medicinal plant extracts used in treating *diabetes mellitus*.

O. Parshad

- Sedative effects of crude extract of Neem Plant.
- Thyroid gland, pregnancy, and post-partum depression.

A. Pearson

- Environmental remediation: the biosorption of heavy metals to peat.
- Investigation of protein content of ethanol distillery wastes, and agro-industrial waste survey.

D. Ragoobirsingh

- The role of nitric oxide released from nitrovasodilators on plasma glucose levels and insulin binding activity of erythrocytes and leucocytes.
- Mechanism(s) underlying the development of diabetes mellitus at the level of insulin receptor and its microdomains. The role of post-receptor molecules are being investigated to determine how they affect the aetiology of diabetes mellitus.

P. Rajendran

- Cardiovascular autonomic function and skin vasomotor response in diabetic patients.

H. L. Reid

- Effect of exercise on haemorheological changes in normal subjects.
- Haemoglobin values per trimester in relation to perinatal outcome.
- Role of haemorheological changes in the aetiology and progression of vascular complications in diabetes mellitus.

M. Roye

- Molecular biology and epidemiology of whitefly-transmitted geminiviruses infecting crops and weeds. Genetic recombination in geminiviruses infecting cabbage.

O.R. Simon

- Investigation of the anti-inflammatory potential of compounds extracted from Noni (*Morinda citrifolia*)
- Development of an animal model of hypertension with homocystine

O. R. Simon and P. Singh

- Investigation of the anti-bacterial potential of compounds extracted from some Jamaican medicinal plants

A. C. Wais

- Bacteria adaptation to climatological conditions – the effect of temperature on the growth of tropical bacteria.

M. E. West

- Investigation into anti-glaucoma drugs

L. A. D. Williams

- Agrochemical and medicinal compounds from Caribbean plants.

L. E. Young

- The behavioural effects of marijuana extract and delta-9-tetrahydrocannabinol in place-preference conditioning in male and female rats subjected to different environmental stressors
- The differential and neuroprotective effects of oestrogen on cognition in aging male and female rats.

PAPERS PRESENTED**Gossell-Williams, M. and Simon, O.**

- “Therapeutic limitations of vitamins”. Carimed Sponsored Conference for the continued education of Pharmacists, Mandeville, Jamaica, May 6, 2001.

McKoy, M. and Simon, O.

- The effects of SIN-1 (3-morpholinosydnonimine) on cGMP levels and contractility of the pregnant mouse uterus. Joint Meeting of the Western, British, Canadian and the Australian Pharmacology Societies, Vancouver, British Columbia, March 24-29, 2001.

McFarlane-Anderson, N.

- “Obesity and hyperglycaemia in Jamaican women: Association of the Trp64Arg mutation of 3-adrenergic receptor”. Scientific Research Council 14th Annual National conference on Science and Technology, Kingston, Jamaica, November 23-24, 2000.
- “Cervical cancer in Jamaican women: Genetic and dietary factors”. The PUGWASH WORKSHOP 259 – Biotechnology and Medical Research in Cuba: Strengthening International Co-operation – Havana, Cuba, February 15-17, 2001.
- “The Trp64Arg mutation of the β 3-adrenergic receptor and cardiovascular disease”. Federation of American Societies for Experimental biology, Orlando, Florida, March 31-April 4, 2001.

McLaughlin, W.

- “Biotechnology in agriculture and food production”. The 11th NIHERST Conference on Agriculture Research and Development in Trinidad and Tobago, Port of Spain, Trinidad & Tobago, November 27-29, 2000.
- “Genetic modification and biotechnology in agriculture and food production”. RADA 10th Anniversary Conference, Kingston, Jamaica, September 20, 2000.

Ragoobirsingh, D.

- “New trends in diabetes education”. Pharmaceutical Society of Jamaica, Swept Away Resort, Jamaica, September 9, 2000.

Roye, M.

- “Evolution of cabbage leaf curl virus from Jamaica”. Proceedings of the 5th Conference, Faculty of Pure and Applied Sciences, University of the West Indies, Mona, January 8-11, 2001.
- “The evolution of new virus gene: Interspecies recombination between two geminiviruses infecting cabbage in Jamaica”. Scientific Research Council 14th Annual National Conference on Science and Technology, Kingston, Jamaica, November 23-24, 2000.

- “Interspecies recombination: Molecular characterization of two distinct geminiviruses infecting cabbage in Jamaica”. Caribbean Centre for Applied Biosystems Conference, Kingston, Jamaica, November 2000

Reid, H. L. and DeCeulaer, K.

- “Haemorheological variations in systemic lupus erythematosus (SLE).” The first Biannual Conference on “Health Sciences in the Caribbean”, Mount Hope Medical Complex, St. Augustine Campus, Trinidad, Jan. 9-12, 2001.

Singh, P. D. A. Harris, K., Gray, M., McNellie, R., Petrie, N., Whyte, J. and Burton, S.

- “Lead poisoning in a rural community in Jamaica.” 9th Annual Research Conference, Faculty of Medical Sciences, UWI, Mona, November 9, 2000.

Sujathamma, Y., The, T. L., Gardner, M. T. and Fletcher, C. K.

- Embryological effect of zinc (Zn) and cadmium (Cd) in pregnant Mona strain rats. The 9th Annual Research Conference, Faculty of Medical Sciences, UWI, Mona, November 9, 2000.

The, T. L., Menzie, J., Gardner, M. T. and Fletcher, C. K.

- “The stock of rats in the Pre-Clinical Animal House, UWI, Mona, can be used as an animal model for development of breast cancer.” The 9th Annual Research Conference, Faculty of Medical Sciences, UWI, Mona, November 9, 2000.

Wissart, J., Parshad, O., Deosaran, A. and Kulkarni, S.

- “Status of thyroid gland in pregnancy and its relation to post-partum depression.” 9th Annual Research Conference, Faculty of Medical Sciences, UWI, Mona, November 9, 2000.

Young, L. E. and Benjamin, L. C.

- “Mesolimbic Dopamine, estrogen and progesterone modulate avoidance learning and stress.” 30th Annual International Meeting of the Society for Neuroscience, New Orleans, Louisiana, USA, Nov. 4-9, 2000.

Benjamin, L. C. and Young, L. E.

- “Differential effects of estrogen and progesterone on mesolimbic dopaminergic modulation of avoidance behaviour: Implications for learning and stress.” 9th Annual Puerto Rico Neuroscience Conference, University of Puerto Rico, Dec. 1-2, 2000.

Chin-Quee, K. P. and Young, L. E.

- “The pharmacological properties of *Cannabis sativa* in the behavioural demonstration of its Hedonic effects: Implications for animal models of addiction.” Pharmacological Vancouver Conference, Vancouver, Canada, Mar. 25-29, 2001.

PUBLICATIONS

Refereed Articles

- * Cadrin, M., Hovington, H., Marceau, N. and **McFarlane-Anderson, N.** (2000) Early perturbations in keratin and actin gene expression and fibrillar organization in griseofulvin-fed mouse liver. *J. Pathology*, **33**: 199-207.
- * Cruickshank, J. K., Mbanya, J.C., Forrester, T., Anderson, S. G., Mennen, L., Forhan, A., Riste, L. and **McFarlane-Anderson, N.** (2001) Hypertension in four African-origin populations: Current ‘Rule of Halves’, quality of blood pressure control and attributable risk (fraction) for cardiovascular disease. *J. Hypertension*, **19**: 41-46.
- * Cruickshank, J. K., Mbanya, J. C., Wilks, R., Balkau, B. and **McFarlane-Anderson, N.** (2001) Sick genes, sick individuals or sick population with chronic disease? An international example from the emergence of diabetes and high blood pressure in African-origin populations. *Int. J. Epidemiol.* **30**: 111-117.
- * McKenzie, C. A., Abecasis, G. R., Keavney, B., Forrester, T., Ratcliffe, P. J., Juller, C., Connell, J. M., Bennett, F., **McFarlane-Anderson, N.**, Lathrop, G. M. and Cardon, L. R. (2001) Transgenic fine mapping of a quantitative trait locus for circulating angiotensin converting enzyme (ACE). *Human Molecular Genetics*, **10**: 1077-1084.
- * **Roye, M., Henry, N. M., Burrell, P. D., McLaughlin, W., Nakhla, M. K.** and Maxwell, D. P. (2000) A new tomato-infecting begomovirus in Barbados. *Plant Disease*, **84**: 1342.
- * Thame, M., Osmond, C., Wilks, R. J., Bennett, F. I., **McFarlane-Anderson, N.** and Forrester, T. E. (2000) Blood pressure is related to placental volume and birth weight. *Hypertension*, **35**: 662-667.
- * Tolan, I., **Ragoobirsingh, D.** and **Morrison, E. Y.** (2000) The effect of capsaicin on blood glucose, plasma insulin levels and insulin binding. *Phytotherapy Res.* **14**: 1-4.

- * **Mohan, J., Vigilance, J. E.,** Marshall, J. M., Hambleton, I. R., **Reid, H. L.,** and Serjeant, Graham G. R. (2000). Abnormal venous function in patients with homozygous sickle cell (SS) disease and chronic leg ulcers. *Clinical Science*, **98**: 667 – 672.
- * Mullings, A., Scott, P., Gaskin, D., Coard, K, and **Reid, H. L.** (2000). Cardiovascular collapse in early pregnancy. *West Indian Med. J.* **49** (2): 177 – 179.
- * **Pepple, D. J., Reid, H. L.** and Mullings, A. (2000). Is there hyperviscosity in pre-eclampsia? *West Indian Medical Journal*, **49** (3): 229 – 231.
- * **Pepple, D. J.,** Hardeman, H. R., Mullings, A. and **Reid, H. L.** (2001). Erythrocyte deformability and erythrocyte aggregation in preeclampsia. *Clinical Hemorheology and Microcirculation*, **24**: 43 – 48.
- * **Reid, H. L., Vigilance, J. E.,** Wright-Pascoe, R. and Choo-Kang, E. (2000). The influence of persistent hyperglycaemia on hyperfibrinogenaemia and hyperviscosity in diabetes mellitus. *West Indian Medical journal*, **49** (4): 281 – 284.
- * **Reid, H. L.** and **Vigilance, J. E.** (2000). Haemorheological and haemodynamic changes in hypertensive diabetics. *Cajanus*, **33** (2): 95 - 101.
- * **Williams, A. D.,** Howell, R. C. **Young, R. E.** and Kahwa, I. (2001) Neuropharmacological actions of some binuclear lanthanide (III) complexes. *Comparative Biochemistry & Physiology, Part C* **128**: 119 – 125.

Abstracts

- * **Singh, P. A. D.** and Pitter. P. (2001) Effect of cerasee tea (*Momordica charantia*) in normal diabetic rats. *West Indian Medical Journal*, **50**(2): 61.
- * **Singh, P. A. D.,** Harris, K., Gray, R., McNellie, R., Petrie, N., Whyte, J. and Burton, S. (2000) Lead Poisoning in a rural community in Jamaica. *West Indian Medical Journal*, **49**(4): 11.

CHAPTERS IN BOOKS

- * **West, M.** “The treatment of glaucoma using a non-psychoactive preparation of cannabis sativa”. In *Cannabis the Jamaican connection*. Pelican Publishers Ltd., Kingston, Jamaica, PP 155-159, (2001).

PUBLIC SERVICE

Mr. C. K. Fletcher

- Commissioner, St. John's Ambulance Brigade;
- President, The Japan Karate Association of Jamaica.

Dr. Michael Gardner

- 2nd Vice President, Jamaica Historical Society

Dr. W. McLaughlin

- Board Member, Scientific Research Council
- Chairman, Projects committee Scientific Research Council
- Committee Member, National Commission on Science and Technology's Biosafety Committee
- Committee Member, Jamaica Bureau of Standards Microbiology Sub-Committee

Professor E. Morrison

- Chairman, Council for Voluntary Social Services in Jamaica
- President, Diabetes Association of Jamaica

Dr. O. Parshad

- Member, Instructional Development Unit Advisory Committee
- President, Indian Cultural society in Jamaica

Dr. D. Ragoobirsingh

- Consultant Diabetes Educator, Diabetes Outreach Project, UWI, Mona, and the Diabetes Association of Jamaica
- North American Region Representative, Diabetes Education Consultative Section, International Diabetes Federation, Brussels, Belgium
- Chairman, Caribbean Advanced Proficiency Examination (CAPE): Biology.

Professor H. Reid

- Member, Board of Directors, Natural Products Institute
- Member, Diabetes Association of Jamaica
- Member, Lupus foundation of Jamaica

Dr. O. Simon

- Member, Therapeutic Committee, Ministry of Health

- Observer, Technical Advisory Committee for the CARICOM Drug Testing Laboratory
- Member, Management Committee for the Biotechnology Project.

Professor M. West

- Advisor, Ministries of Health & Security & Justice in the areas of Toxicology and Pharmacology

Professor R. E. Young

- Chairman, Natural History Division of the Institute of Jamaica
- Member, Editorial Board of the West Indian Medical Journal
- Member, Science Board of the University Council of Jamaica

CATEGORIES OF STUDENTS

Undergraduates

The Department delivers courses to students from both the Faculties of Medical Sciences and Pure and Applied Sciences. Students in the BSc. Nursing and Physical Therapy Programme are also taught in the Department. The School of Physical Therapy established an affiliation with the Faculty of Medical Sciences, University of the West Indies, and will implement its Bachelor's (BSc) Programme in the 2001/2002 academic year. Discussion is under way to also establish an affiliation with G. C. Foster College and the University. The thrust will be the delivery of course in Sport Physiology/Medicine by the Department of Basic Medical Sciences.

A summary of the results for the MB BS, Stage I, Part I, II and III examinations for the 2000/2001 academic year is presented in Table 1. The Biochemistry Section (in association with Biotechnology) delivers thirteen courses to students in the Faculty of Pure and Applied Sciences. The number of students registering for each of these courses ranges from 20 to 186.

Examination	Anatomy		Biochemistry		Pharmacology		Physiology	
	Dec. 00	May 01	Dec.00	May 01	Dec.00	May 01	Dec. 00	May 01
Registered	106	5	103	4	108	00	99	9
Distinction	4	0	2	0	4	0	2	0
Honours	18	0	26	1	14	0	15	0
Pass	79	5	55	3	78	0	74	8
Fail	5	0	8	0	12	0	8	1
Exempt	0	0	10	0	0	0	0	0
Absent	0	0	2	0	0	0	0	0

Postgraduate

There were forty registered Graduate students in the MPhil/PhD Degree Programme. The distribution of the students among the four Sections of the Department is as follows:

	Anatomy	Biochemistry	Pharmacology	Physiology
PhD	0	10	3	2
MPhil	1	17	6	4

The Department granted Departmental Award to 18 students and 3 received Supplemental Award. A Postgraduate Fund of J\$298,732.14 was allocated to the Department for the 2000/2001 academic year.

Four students were successfully upgraded from the MPhil to PhD Programme.

Miss. Opal Williams, Miss. Pamela Burrell and Mrs. Sherline Brown attended and presented a paper each at conferences in Canada, England and Spain, respectively. Mr. Garth Dawkins and Miss Jodi Spence undertook specialized training at Penn State University and the University of Puerto Rico, respectively.

The Department heartily congratulates the following students who were awarded higher degrees:

Miss. Jacqueline Vigilance, MPhil (Physiology) Supervisor
– Professor H. Reid

Dr. Liris C. Benjamin, PhD (Physiology) Supervisor
– Dr. Laurrian Young

Mr. Victor Brown, PhD (Biochemistry), Mr. Phillip Grindley, PhD (Biochemistry) and Mr. Andrew Wheatley, PhD (Biochemistry) Supervisor – Dr. H. Asemota

Mr. Donovan McGrowder, PhD (Biochemistry) Supervisor
– Dr. D. Ragoobirsingh.

Prizes Awarded

MB BS Stage I Examinations, Class of 2004

Anatomy Medal	–	Andre Ramdon
Biochemistry Medal	–	Joseph C. Cherian
Pharmacology Medal	–	Trudy Ann Harper
Physiology Medal	–	Karina E. Hew
Pre-clinical Medal	–	Kerian E. Hew

David Gunberg Prize in Anatomy	–	Trudy Ann Harper
Walter Harper Prize in Anatomy	–	Andre Ramdon
Noel Harper Prize in Anatomy	–	Karina Hew
D. A. N. & Vera Hoyte Prize in Anatomy	–	Nneka G. Antoine and Jomo James
Dr. C. Thirumalai Prize in Physiology	–	Trudy Ann Harper
E. V. Ellington Memorial Prize	–	Karian E. Hew
E. V. Ellington Pre-Clinical Prize (donated by the Medical Alumni Association – Canadian Chapter)	–	Karian E. Hew
Lisa Miller Prize in Pharmacology	–	Nneka G. Antoine

Certificates were awarded to four students who received Distinction and 58 students who received Honours in one or more disciplines.

DISTINGUISHED VISITORS

Dr. Pamela Anderson, Co-ordinator, CGEAR Co-ordinator of Mexico, Caribbean and South America Sub-project for the Whitefly IPM Project, CIAT, Columbia.

Dr. Francisco Morales, Virologist and Head of the Virology Laboratory, CIAT, Columbia.

Professor Douglas Maxwell, Department of Plant Pathology, University of Wisconsin- Madison, USA.

Dr. Favi Vidavski, Plant Breeder, Faculty of agriculture, Hebrew University of Jerusalem, Isreal.

Dr. Douglas Rouse, Department of Plant Pathology, University of Wisconsin-Madison, USA.

Dr. Sue Tolin, Department of Plant Pathology-Phys-Weed Science, VPI and State University, Virginia, USA.

Dr. Monique Cadrin, Biological Sciences, University du Quebec a Trois rivières, Trois Rivières, Quebec, Canada.

Professor Markus Stoffel, Rockefeller University, New York, USA.

EXTERNAL EXAMINERS VISITING

Dr. Danuta Szezesna, University of Miami school of Medicine, Miami, Florida, USA.

Dr. Mohamed Bayorh, Associate Professor, Department of Pharmacology/Toxicology, Morehouse School of Medicine, Atlanta, Georgia, USA.

Dr. Elizabeth Primus, Lecturer, Pharmacology Unit, Mount hope Medical Complex, St. Augustine Campus, Trinidad & Tobago.

Professor Emeritus D. A. N. Hoyte, Department of Anatomy, University of Nottingham, England, UK.

Professor Robert Carroll, School of Medicine, Department of Physiology, East Carolina University, USA.

Dr. Cherryl Bennett, Physiology Unit, Faculty of Medical Sciences, St. Augustine Campus, Trinidad & Tobago.

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

The year 2000-2001 was a year of growth in numbers and morale. We welcomed **Dr Frederick Hickling** who joined the Department as Professor of Psychiatry. His appointment to the Chair in Psychiatry is only the second in the history of UWI and fills a vacancy that has existed for nearly 25 years. One of the highlights of the work of the Department this year was increased collaboration within the University and with outside agencies and institutions. Several members of staff made substantial contributions to Public Service and Community Outreach.

Organizational Structure

The Department includes three main operational areas, namely Public Health, Mental Health, and Primary Health Care/Primary Health Care/Family Medicine.

TEACHING

Undergraduate Medical Programme

Faculty from the Department continued to team up with colleagues from the Section of Child Health Section (Department of Obstetrics, Gynaecology & Child Health) to teach the first year course, entitled, “Community Health, Child Health and Psychology.” Students continued to come to the Department for small group teaching in the third, fourth and fifth years of the undergraduate medical programme. The clerkship for third-year students includes an introduction to Family Medicine and an introduction to the practice of Psychiatry. Separate rotations in Community Health and Psychiatry are held in the fourth year, while the fifth year clerkship focuses on Primary Health Care. The fourth- and fifth-year rotations in Community Health and Primary Health Care each includes a two-week placement in rural Jamaica. The curriculum in Psychiatry for fourth-year students has been revised to include fewer didactic sessions and more participatory learning.

Bachelor of Medical Sciences and new MB,BS Curriculum

Our Faculty members continued to be involved in planning for the major curriculum change in the undergraduate medical curriculum, scheduled to take effect in August 2001. Professor Bain served as the Deputy Chair of the Curriculum Task Force. Mr Milton Pinnock was appointed co-ordinator of the course entitled, "Man, Health and the Environment", while Dr Loraine Barnaby, Dr Affette McCaw-Binns and Dr Janet LaGrenade helped to develop modules within that course.

Psychiatry now included in *Final Clinical Examination* for MB,BS students

In May-June 2001, for the first time in the history of the Faculty of Medical Sciences, Psychiatry was represented in the Final MBBS **clinical** examination. A fifteen-minute section in Clinical Psychiatry was included in the newly introduced Objective Structured Clinical Examination (OSCE). The same psychiatry OSCE examination was used at Mona, Cave Hill, St. Augustine and the Bahamas, thereby ensuring a standardized examination procedure across the campuses.

Post-basic and Post-graduate Programmes

A. Section of Community Health

Public Health Diploma in Community Health (Health Promotion/Health Education)

Five new students started the diploma programme, while eight interns from the previous class and two other students from the 1999 class were completing their research projects. We were especially pleased to have Dr Jude-Marie Alexis, a former diploma student, as the external examiner.

The year under review will mark the last year, for the time being, that the Diploma in Community Health (Health Promotion/Health Education) will be offered. Instead the Department has received permission from the Board for Graduate Studies to create a specialty track in Health Promotion within the Master of Public Health (MPH) degree programme. We are persuaded that this will produce higher calibre professionals to serve the public and private health sectors in the Caribbean. The new specialty track is scheduled to commence in January 2002.

Master of Public Health

In November 2000, 19 students graduated with the MPH degree. In April 2001, the selection committee recommended 45 candidates for entry

into the programme in the 2001-2002 academic year. Of these, 30 are currently reading for the degree.

For the second consecutive year, Dr. James Lea, Director of International Health at the School of Medicine, University of North Carolina at Chapel Hill served as the external examiner for the MPH programme. Dr. Lea is a member of the Pan-American Health Organization Expert Group on Strengthening Public Health Action in the Americas. He expressed pleasure at the standard of the programme and the calibre of the students.

Master of Philosophy/Doctor of Philosophy in Public Health

There are eight candidates in this programme. The majority continue to progress satisfactorily toward obtaining their degrees. Academic meetings are held monthly with them. This year, Mrs. Patrece Charles-Freeman, had her application upgraded from MPhil to PhD level.

Primary Care/Family Medicine

Master of Science in Family Medicine

The Board for Graduate Studies has granted permission for the resumption of the Master of Science in Family Medicine. The “new look” programme would utilize several distance learning methods as well as periodic face-to-face sessions. The first intake of students would commence the three-year programme in September 2001.

Pre-hospital Emergency Response Training

Three courses were run, with a total of 62 first-time participants receiving certificates, and 58 persons, including 54 firemen, being re-certified. Two of the three courses were run for Alumina Partners of Jamaica at their work site. The third course was run in the Department for 43 students, including rural hospital staff, personnel from the airport and shipping authorities and from small private companies. This programme, which is the first of its kind in Jamaica, is helping to fill an important skill gap that has already begun to redound to the benefit of the Jamaican public.

Course in Community Care of the Elderly

Fourteen students from five Caribbean countries participated in this course from January 20 to June 28, 2001. The students performed at an exceptionally high standard – the highest since the inception of these courses.

Other Special Training Opportunities

Postgraduate students from the Department of Surgery and students from the University Hospital School of Nursing are placed in the department's Health Centre for several weeks at a time to get experience in ambulatory care of patients. And, for the second successive year, the Department collaborated with the University of Alabama at Birmingham (UAB) to hold a summer course in Infectious Disease Surveillance and Control for postgraduate students. This time, Texas Tech University provided one Faculty member for the course, while students came from UWI, UAB, Stanford University and a few other American schools.

B. Section of Psychiatry

Doctor of Medicine (Psychiatry)

In August 2000, three persons were successful in the Part I examination of the Doctor of Medicine (Psychiatry) [DM (Psych.)] degree, one person was successful in the DM (Psych) Part II examination, and one person passed the DM (Psych) Part III examination. Dr Carol McDaniel was awarded the Eli Lilly Prize for the best Part II candidate. Two students entered the DM (Psych) training programme in September 2000. Two new courses were started in the programme. (1) *Ethnopsychiatry – the influence of culture on psychiatry*. (2) *Applied research methodology*.

Master of Science in Clinical Psychology

The Board for Graduate Studies has approved the curriculum for a programme leading to the degree of Master of Science in Clinical Psychology. The curriculum was prepared by the Psychology Unit of the Department of Sociology and Social Work and the Section of Psychiatry. The programme will be run jointly by both Departments and will be managed and taught from the Section of Psychiatry. Eleven students have been registered to commence in the academic year 2001/2002.

Doctor of Philosophy in Clinical Psychology

A proposal has been submitted to the Board for Graduate Studies for the initiation of the degree of Doctor of Philosophy in Clinical Psychology. The proposal was developed in collaboration with the Psychology Unit of the Department of Sociology and Social Work and Clinical Psychologists in the Department of Child Health, the Faculty of Arts and Education and the University Health Service. We eagerly await the approval of this programme, which will be run by the Section of Psychiatry, with assistance from staff from the Psychology Unit of the Department of Sociology & Social Work and others.

Regional Addiction Studies Programme

An agreement has been forged with the School of Continuing Studies and the Department of Sociology and Social Work to offer a Regional Addictions Studies program in Montego Bay and Mandeville, using distance teaching methods.

Professorial Lecture

In March 2001, Professor Hickling delivered his inaugural lecture to an appreciative audience that packed the Main Medical Lecture Theatre, Faculty of Medical Sciences. The lecture was entitled "Psycho-historiography and the Challenge to the Episteme: the legacy of Caribbean scholarship in the development of Ethnopsychiatry."

RESEARCH IN PROGRESS

The Elderly

- Economic contribution of seniors to Development. *Eldemire-Shearer, D. and Morris, C.*
- Review of the health status of the elderly in Jamaica. *Eldemire-Shearer, D. and Morris, C*

Environmental Health

- Impact of Cockroach Infestation on the Development and Severity of Asthma in Children. *Scarlett, H., Pinnock, M. Robinson, R. et al.*
- Review of MPH studies on Food Hygiene and Safety. *Scarlett, H. and Pinnock, M.*

Epidemiology

- Dietary intake and postulated association with prostate cancer. *Paul, T.*
- Evaluation of the extent of under-registration of deaths in Jamaica: 1996 and 1998. *McCaw-Binns, A.*

Mental Health

- A randomized double blind placebo controlled trial of a combination of Gingko biloba and ginseng (gincosan) in dementia of varying etiology. *Hickling, F.W., Ward, A., Eldemire-Shearer, D.* Sponsored by Pharmaton Natural Health Products (Boehringer Ingelheim) Switzerland.
- Social class and pathways to care among psychiatric clinic referrals at the University Hospital of the West Indies. *Bernard, T., Hickling, F.W.*

- Co-morbidity in an urban Jamaican community. *Matthews, A.*
- A study of admissions to UHWI with suicidal behavior, 1975-2000. *Barnaby, L.*
- Pathways to outpatient psychiatric care: a comparative study of an urban and a rural clinic in Jamaica. *Shetty, G., Bernard, T., Hickling, F.W.*
- A psychosocial profile of absconders from a psychiatric unit of a general hospital. *Lowe, G., Hickling, F.W.*
- A Psychosocial profile African Caribbean patients with mental health problems in the Forensic Services in the UK. *McDaniels, C*
- The pattern of psychopathology of children and adolescents in a psychiatric practice in Jamaica. *Hickling, F.W.*
- Patterns of delusions and hallucinations in patients with first-contact schizophrenia in Jamaica. *Haynes, T., Hickling, F.W.*
- Open Medical Wards versus specialist psychiatric units for acute psychoses. *Hickling, F.W., Abel, W., Garner, P.*
- Attitudes of patients and staff to the implementation of an open door policy in a psychiatric unit of a general hospital *Garvey, D.M., Hickling, F.W.*
- Utilization of liaison psychiatric services in a general hospital in Jamaica. *De la Haye, W., Hickling, F.W.*
- A method for developing a strategy for community mental health intervention in an inner city Kingston community. *Gibson, R., Chung, R., Hickling, F.W.*
- Post Traumatic Stress Disorder in Security forces in Jamaica. *Oo, M.K.*
- Validation of the Zung Depression Scale in a Jamaican population. *Ward, A., Matthies, B., E. Wright, E., Crossman, L., Hickling, F.W.*
- Evaluating a Jamaican model of assertive community treatment in severe mentally ill patients in the UK. *Hickling, F.W., Rathnayake, T.*
- Evaluation of the clinical response and outcome of acute in-patients treated in a psychiatric unit with an Open Door Treatment Policy. *Lowe, G., Hickling, F.W.*
- Outcome studies of first contact schizophrenia in Jamaica. *Haynes, T., Hickling, F.W.*
- A comparative study of outcome of clients in a community residential facility and a mental hospital in Jamaica. *Abel, W. D., Hickling, F.W.*

- Outcome of Psychohistoriographic brief reconstructive psychotherapy in Jamaica. *Hickling, F.W., De La Haye, W.*
- Outcome of first contact schizophrenia in Jamaica. *Hickling, F.W., McCallum, M., Nooks, L., Rodgers-Johnson, P.*
- Comparative outcome of first-contact schizophrenia in Jamaica and the UK. *Hickling, F.W., Cochrane, R.*

Primary Care and Preventive Medicine

- An assessment of cervical and breast cancer prevention actions among women aged 25-54 years in Western Jamaica. *Holder-Nevins, D., Campbell-Forrester, S.*
- Perception of personal health and impact of the work environment on health of staff in the Department of Community Health & Psychiatry at UWI, Mona. *Holder-Nevins, D.*
- International Research Partnership for Skilled Attendance for Everyone (SAFE): Strategies to improve proportion of deliveries with skilled attendance in developing countries. *McCaw-Binns, A.*
- Direction and development of Pre-hospital Emergency Medical Services. *Segree, W., Matthews, A.*

PAPERS PRESENTED

Abel, W.

- “Psychiatric Problems in Children and Adolescents.” Annual Conference of the Association of General Practitioners of Jamaica. July 29, 2001

Bain, B.

- “Teaching about Human Sexuality in Schools.” National AIDS Committee of Jamaica. September 2000.
- “The University of the West Indies and AIDS.” Caribbean Conference on HIV/AIDS, Sherbourne Conference Centre, Barbados. September 2000.
- “HIV/AIDS: What doctors can do.” Blue Cross of Jamaica Annual Conference: Men’s Health. Kingston, Jamaica. October 1, 2000
- “HIV/AIDS: Consequences and Implications for Medical Education.” Royal College of Physicians of London, UK. November 2000.
- “HIV/AIDS Curriculum Development for Health Science Students.” First Research Conference of the Faculty of Medical Sciences,

University of the West Indies, Mount Hope, Trinidad & Tobago. January 2001.

- “HIV/AIDS: where we’re coming from and where we’re going.” National Meeting of the Association of Enrolled Assistant Nurses of Jamaica. January 12, 2001.
- “Undergraduate Medical Programme Curriculum Reform at Mona: Making constructive change.” J M Branday, **B. Bain**. Bahamas Chapter, UWI Medical Alumni Association, November 2000 and to Academic Staff of Hirosaki University, Japan. March 16, 2001.
- “Care of patients with HIV disease.” Academic Staff of Hirosaki University, Japan. March 19, 2001.
- “The many facets of HIV disease.” UWI all-campus workshop on the theme of accelerating the response at UWI to HIV/AIDS. March 5, 2001.
- “Syndromic approach to treating HIV/AIDS.” Meeting of the Association of Consultant Physicians of Jamaica, Mandeville, Jamaica. April 2001.
- “AIDS and other sexually transmitted infections – The Caribbean Reality in 2001.” West Indies Union Adventist Health Professionals Convention on Current Trends in Health Care. Northern Caribbean University, Jamaica. April 13, 2001.
- “HIV Risk: knowledge, attitudes and behaviour of street boys in Kingston, Jamaica.” T Robinson, **B. Bain**, T Thompson. Caribbean Health Research Council Conference, Kingston, Jamaica. April 25-28, 2001.
- “Jamaican men and Sexuality.” Annual Nurses Research Conference, Kingston, Jamaica. May 15, 2001.
- “Spongiform Encephalopathies causing disease in humans – Clinical Features and Epidemiology.” Annual Mike D’Silva Lecture at the Scientific Conference of the Medical Association of Jamaica. June 9, 2001.
- “Relevance of HIV/AIDS to children, adolescents and parents in the Caribbean in 2001.” Caribbean Conference on Parenting. Castries, St.Lucia. June 27-29, 2001.

Barnaby, L.

- “Suicide in Jamaica.” Annual meeting, Caribbean Psychiatric Association, Ocho Rios Jamaica. October 12, 2000.

- “Suicidal behavior and Admissions to the Psychiatric Unit, UHWI.” Faculty of Medical Sciences Research Day, UWI, Mona. October 2000.
- “Consequences of Substance Abuse.” Blue Cross of Jamaica Annual Conference: Men’s Health. Kingston, Jamaica. October 1, 2000.

Eldemire-Shearer, D.

- “Ageing.” Annual Symposium, Medical Association of Jamaica, Kingston, Jamaica. November 12, 2000.

Hickling, F.W.

- “Treatment of acute first-contact schizophrenia in open medical wards in Jamaica.” Caribbean Psychiatric Association Annual meeting, Ocho Rios Jamaica, October 12, 2000.
- “The role of the medical profession in the development of mental health services in Jamaica.” Annual Roy Cook Memorial Lecture of the Jamaica Psychiatric Association, Ocho Rios, Jamaica. October 13, 2000.
- “Psychiatric aspects of abortion.” Symposium of the Medical Association of Jamaica. November 30, 2000.
- “Emancipate ourselves from mental slavery.” Annual Ena Thomas Memorial Lecture, the Association of Consultant Physicians in Jamaica, Kingston. December 1, 2000.
- “The cyclical pattern of violent rebellion in Jamaica 1660 to 1999.” International Conference on Crime and Criminal Justice in the Caribbean, Department of Government, University of the West Indies, Feb 14, 2001
- “We can do better; dare to care, stop the exclusion.” Ministry of Health World Mental Health Day Conference, Kingston, April 9, 2001.
- “Comparative outcome of first-contact schizophrenia in Jamaica and the UK.” **F W Hickling**, R Cochrane, M Birchwood. Caribbean Health Research Council Conference, Kingston, Jamaica. April 25-28, 2001.
- “Mental Health in the Caribbean: New Paradigms.” Feature address. Caribbean Health Research Council Conference, Kingston, Jamaica. April 25-28, 2001.

- “Perfection in Performance.” Keynote address. Symposium on Ernest Ranglin, hosted by the Department of Government, University of the West Indies, May 12, 2001
- “Mental Health in the Caribbean – The New Paradigm.” Feature address. Symposium of the Trinidad and Tobago Mental Health Association, Port of Spain, June 19, 2001.

Holder-Nevins, D

- “Popular Music and Sexual Behaviour Among Female Adolescents in Jamaica.” **D Holder-Nevins**, B Bain. Annual Nurses Research Conference, Kingston, Jamaica. May 15, 2001.

Jackson, M

- “Exposure and Effects of Violence in Early Adolescence.” **M Jackson**, M Samms-Vaughan, D Ashley. Conference on Understanding Risks and Promoting Healthy Behaviour in Children and Adolescents, Ministry of Health, Jamaica. September 2000.
- “Risk behaviours among Jamaican children at early adolescence.” M Samms-Vaughan, **M Jackson**, D Ashley. Conference on Understanding Risks and Promoting Healthy Behaviour in Children and Adolescents, Ministry of Health, Jamaica. September 2000.
- “Violence in Jamaican adolescents.” E Ward, K Scott-Fisher, **M Jackson**, S Campbell-Forrester, D Ashley. Conference on Understanding Risks and Promoting Healthy Behaviour in Children and Adolescents, Ministry of Health, Jamaica. September 2000.
- “Risk Factors for Obesity in Caribbean Women and Children.” **M Jackson**. Symposium, International Obesity Task Force, Barbados. November 2000 and Symposium, Caribbean Food and Nutrition Institute for the Caribbean Health Research Council, Kingston, Jamaica. April 2001.
- “Self concept, school performance and behaviour in Jamaican children.” M E Samms-Vaughan, **M D Ashley-Jackson**, M C Lambert, C M Russ, D C Ashley. Caribbean Health Research Council Conference, Kingston, Jamaica. April 25-28, 2001.
- “Nutritional status of older adults in Jamaica.” N Zohoori, **M Jackson**, R J Wilks, S Walker, T E Forrester. Caribbean Health Research Council Conference, Kingston, Jamaica. April 25-28, 2001.

LaGrenade, J.

- “From Project to Policy: Mental Health and Housing in Montserrat.” Annual Meeting of the Caribbean Psychiatric Association, Ocho Rios, Jamaica. October 2000.

Matthews, A.

- “Factors sustaining two decades of a rural community health clerkship at the University of the West Indies, Jamaica.” **T Paul, W Segree, A Matthews.** Conference on Innovation in Health Professions Education and Community-Oriented: Implementation, sustainability and Evidence of Effectiveness. Bahrain, United Arab Emirates. October 21-26, 2000.
- “Preparation for Family Practice in undergraduate training at the University of the West Indies, Jamaica.” **T J Paul, W Segree, P Williams-Green, A Matthews, A McCaw-Binns.** Sixteenth World Congress of Family Doctors, Durban, South Africa. May 13-17, 2001.

McCaw-Binns, A

- “Primary health care in Jamaica: its twentieth century roots.” **A McCaw-Binns, C Moody.** Conference on the Social History of Medicine, Faculty of the Humanities, Cave Hill, UWI; May 23-26, 2001.
- “The pitfalls of maternal mortality surveillance.” **A McCaw-Binns, M Coley.** Caribbean Health Research Council Meeting; Kingston, Jamaica. April 25-28, 2001.
- “Oral health status of 12 year old children in St Lucia and its association with oral health knowledge, attitudes and practices.” **S Alexander, A McCaw-Binns.** Faculty of Medical Sciences Research Day, UWI, Mona. 19 October 2000; and Caribbean Health Research Council Meeting; Kingston, Jamaica. 25-28 April, 2001.
- “Improving the quality of obstetric care through criterion based clinical audit in Jamaica.” G M Gordon, **A McCaw-Binns, D Ashley, P Wagaarachchi, W J Graham.** Caribbean Health Research Council Meeting; Kingston, Jamaica. 25-28 April, 2001.
- “A review of hospital care in Jamaica: morbidity and mortality patterns, resource allocation and cost of care.” E Ward, K Fox, L Ricketts, **A McCaw-Binns, G Gordon, S Whorms, D Ashley, J P Figueroa.** Caribbean Health Research Council Meeting; Kingston, 25-28 April, 2001.

- **McCaw-Binns, A.,** Bain, B. “Quality in health care: improving birth outcome in the Caribbean, with particular emphasis on maternal mortality.” Quality of Care Consultation; Trinidad: 6-10 November, 2000.
- **McCaw-Binns, A.** “Improving Reproductive Health Outcomes in Jamaica – from Research to Action.” Criterion Based Clinical Audit Feedback Conference, Ocho Rios; 25 October 2000.
- **McCaw-Binns, A.,** Ashley, D. “Reducing maternal morbidity in developing countries.” Maternal Mortality Surveillance Workshop, PAHO, Washington DC; 16-17 October 2000.

Paul, T.

- “Final-year Medical Undergraduates as Health Promoters: Learning through action.” **T J Paul, W Segree.** Conference on Innovation in Health Professions Education and Community-Oriented: Implementation, sustainability and Evidence of Effectiveness. Bahrain, United Arab Emirates. October 21-26, 2000.
- “Church-affiliated Mental Health Counselling in Kingston, Jamaica.” E A Allen, **C McDaniel** – Postgraduate student, **T J Paul.** Caribbean Health Research Conference, Kingston, Jamaica. April 2001.
- “General Practice research output in the Caribbean.” **T J Paul.** Sixteenth World Congress of Family Doctors, Durban, South Africa. May 13-17, 2001.
- “Implementing counselling services in Family Practice: A Jamaican case study.” **T J Paul, D Falloon.** Sixteenth World Congress of Family Doctors, Durban, South Africa. May 13-17, 2001.

Pinnock, M.

- “Public Health Inspection – The Profession.” Workshop on Harmonization of Environmental Health Training Programmes at the Caribbean Community (CARICOM) Secretariat – Georgetown, Guyana – Nov. 2000.
- “Health and Environment.” Public Health Conference – A Vision for Health and Ecology in the New Global Economy. St Georges University, Grenada. Dec. 1-3, 2000.
- “Training in Occupational Health and Safety – The Present Situation.” Workshop hosted by The Food Hygiene Bureau, Kingston, Jamaica. April 20-21, 2001.

Segree, W.

- “UWI Emergency Medical Service (EMS) Training Programme.” [Poster]. Conference on Emergency Medicine. Kingston, Jamaica. 2001.

Thesiger, C.

- “Mental Health Services in Jamaica”. PAHO/WHO Regional Consultation Meeting for the preparation of the World Health Report 2001. Washington, D.C., U.S.A. November 2000.

Williams-Green, P.

- “The Development of the MSc Family Medicine Programme at UWI, Mona.” Caribbean College of Family Physicians Triennial Conference, Mount Hope, Trinidad. September 2000.

PUBLICATIONS

Refereed Journal Articles

- * “Comparison of testing saliva and serum for detection of antibody to human immunodeficiency virus in Jamaica, West Indies.” S D King, S H Wynter, **B C Bain**, W A Brown, J N Johnston, A S Delk. *Journal of Clinical Virology*. 19,3 (2000):157-61.
- * “Ageing – a new challenge to health care in the New Millenium.” **D Eldemire-Shearer**. *West Indian Medical Journal* 50, 2 (2001) 95-99
- * “Underreporting of energy in four populations of African origin.” L I Mennen, **M Jackson**, J Cade, J-C Mbanya, L Lafay, S Sharma, S Walker, S Chungong, R Wilks, B Balkau, T Forrester, K Cruickshank. *Int. J. Obesity* 24 (2000):882-887.
- * “Habitual diet in four populations of African origin: A descriptive paper on nutrient intakes in rural and urban Cameroon, Jamaica and Caribbean migrants in Britain.” L I Mennen, **M Jackson**, S Sharma, J-C N Mbanya, J Cade, S Walker, L Riste, R Wilks, T Forrester, B Balkau, K Cruickshank. *Public Health Nutr.* 4, 3 (2001):765-772.
- * “Psychiatric inpatients’ satisfaction with services: a pilot study.” D Bhugra, **J LaGrenade**, P Dazzan. *International Journal of Psychiatry in Clinical Practice* 4 (2000):327-332.
- * “Holding up the mirror: changing practice through criterion based audit in developing countries.” P Wagaarachchi, W J Graham, G C Penney, **A McCaw-Binns**, K Yeboah-Antwi, M H Hall. *Int J Gynaecol Obstet.* 74 (2001):119-130.

- * "Factors determining admission to neonatal units in Jamaica." M E Samms--Vaughan, D C Ashley, **A McCaw-Binns**. *Pediatr Perinat Epid*. 15, 2 (2001):100-105.
- * "Criteria for clinical audit of the quality of hospital-based obstetric care in developing countries." W Graham, P Wagaarachchi, G Penney, **A McCaw-Binns**, K Yeboah-Antwi, M Hall and the CBCA Study Group. *Bulletin WHO* 78, 5 (2000):614-620.
- * "The University of the West Indies' Faculty of Medical Sciences and social accountability." [Letter]. **T J Paul**. *Meducator* 1, 2 (2001):5-6
- * "Antibodies to hepatitis B virus and hepatitis C virus in residential detoxification clients in Jamaica." M F Smikle, G Dowe, E M Williams, **C Thesiger**. *Human Antibodies* 9 (2000):231-233.
- * "Bloodborne Sexually Transmitted Infections in Patients Presenting for Substance Abuse Treatment in Jamaica." G Dowe, M F Smikle, **C Thesiger**, E M Williams. *Sexually Transmitted Diseases* 28, 5 (2001):266-269.

Non-Refereed

- * "Barriers to training Family Physicians in the Caribbean: Distance education as a promising prescription." **T J Paul, P Williams-Green**. Proceedings of the Conference on Distance Education in Small States. The UWI Distance Education Centre, Kingston, Jamaica (2000):113-117.
- * "Factors sustaining two decades of a rural community health clerkship at the University of the West Indies, Jamaica." **T J Paul, W Segree, A Matthews**. Proceedings of the Conference on Innovation in Health Professions Education and Community-Oriented: Implementation, sustainability and Evidence of Effectiveness. Bahrain, United Arab Emirates (October 2000):48
- * "Final-year Medical Undergraduates as Health Promoters: Learning through action." **T J Paul, W Segree**. Proceedings of the Conference on Innovation in Health Professions Education and Community-Oriented: Implementation, sustainability and Evidence of Effectiveness. Bahrain, United Arab Emirates (October 2000):69
- * "Preparation for Family Practice in undergraduate training at the University of the West Indies, Jamaica." (Abstract). **T J Paul, W Segree, P Williams-Green, A Matthews, A McCaw-Binns**. Proceedings of the World Congress of Family Doctors, Durban, South Africa (May 2001):226

Technical Reports

- * Report on Consultation on the use of a Clinical Audit Cycle to Monitor Maternal Morbidity and Mortality in Trinidad & Tobago. **B Bain**, G Gordon, **A McCaw-Binns**. Report submitted to the Ministry of Health, Trinidad & Tobago, October 2000.
- * “Improving Behaviour in Jamaican children: A model for interventions based on Epidemiological Analysis.” **M Jackson**. Report submitted to Ministry of Health, Jamaica, 2001.
- * “Relationship of Prenatal Factors to Later Development and Behaviour in a Cohort of 11-12 Years old Jamaican Children.” M Samms-Vaughan, **M Jackson**. Report submitted to Research Fellowship Committee, UWI, Mona, 2001.
- * “Housing and mental health care in Montserrat.” **J LaGrenade**. Report submitted to Government of Montserrat, July 2000.
- * “Health policy and plan formulation for the island of Montserrat.” **J LaGrenade**. Report submitted to the Pan-American Health Organization, June 2001.

COLLABORATION

Inter Departmental, University of the West Indies, Mona

Staff from the Department worked on projects with colleagues from the Faculty of Social Sciences, the UWI Distance Education Centre, and the School of Continuing Studies. Significant collaborative activities included:

- An all-campus workshop on Crime. Main facilitators: **Professor Frederick Hickling**, Professor Bernard Headley, Dr. Wilma Bailey and Dr. Anthony Harriott.
- Development of the curriculum for a Master of Science degree in Clinical Psychology. Project team: Dr. Brigitte Matthies, Dr. Anthony Ward and **Professor Frederick Hickling**.
- Development of a Regional Addiction Studies Programme to be taught by distance learning. Programme Developers: **Dr Charles Thesiger**, Professor Lawrence Carrington and Mrs Karlene Boyce-Reid.

Regional

In the Caribbean, we worked with colleagues from the Cave Hill and St Augustine campuses of UWI, personnel from the Governments of the

Caribbean and with staff from the Caribbean Epidemiology Centre, the Caribbean Health Research Council, the Caribbean Community Secretariat and the Pan-American Health Organization. Significant developments resulting from these collaborative efforts included:

- A one-hour meeting with the Chief Medical Officers of CARICOM Region, during their conference held to coincide with the Caribbean Health Research Council meeting in April 2001.
- The creation of an HIV/AIDS Response Programme (UWI HARP) on all three UWI campuses and the strengthening of a Pan-Caribbean partnership for HIV/AIDS prevention and care. **Professor Brendan Bain** is the Chairman of the Mona Campus HARP Committee.
- A workshop on Clinical Audit in Obstetrics for Obstetricians from Trinidad and Tobago, sponsored by PAHO, with input from the Governments of Jamaica and Trinidad and Tobago.
- Strengthening of working links between teachers of Psychiatry on the three UWI campuses and in the Bahamas.

International

a) Association of Commonwealth Universities

Professor Bain continued to serve as a consultant to the HIV/AIDS task force of the Association of Commonwealth Universities.

b) Canada: Dalhousie University

Professor Hickling visited Dalhousie University in June 2001. Staff from Dalhousie have agreed to accept fourth year residents from the Section of Psychiatry for one- and two-year fellowships in Child Psychiatry beginning in the academic year 2001 to 2002.

c) Japan: Hirosaki University

Professor Bain visited Hirosaki University in March 2001. Resulting from this visit, the Faculty of Medical Sciences has agreed to sign a cooperative agreement with Hirosaki University.

d) U.S.A.

i) University of Alabama at Birmingham (UAB)

A successful graduate level course on Infectious Disease Control and Surveillance was run jointly with Faculty from

the UAB for students from UWI and a few American universities. Further collaboration with UAB is planned.

ii) *Boston University School of Public Health (BUSPH)*

Professor Bain visited BUSPH in October 2000 and taught in a course on Improving Quality of Care in Hospitals in Low-income Countries.

iii) *Institute of Medicine, National Academy of Science, Washington D.C.*

Dr McCaw-Binns served as a member of the National Academy of Science Committee on Improving Birth Outcomes in Developing Countries from July 1999 to November 2000.

iv) *University of Missouri*

In June 2001, Professor Michael Lambert of the University of Missouri visited the Section of Psychiatry and agreed to collaborate with us in establishing research protocols in adolescent and adult mental health evaluation in Jamaica.

e) *United Kingdom*

i) *Dugald Baird Centre, University of Aberdeen*

Dr McCaw-Binns began to sit on the Advisory Committee for a European Union project: Strategies to improve the proportion of deliveries with skilled attendants in developing countries (S.A.F.E.) in November 2000.

ii) *North Birmingham Mental Health Trust (NBMHT)*

In July 2001, **Professor Hickling** visited the NBMHT in Birmingham UK, and held discussions with Professor S.P. Sashidharan. It was agreed that our Section of Psychiatry would pursue a postgraduate psychiatric exchange program with the NBMHT for a one-year period. A fourth year DM Psychiatry student would exchange with a Senior Registrar from the NBMHT.

iii) *Leeds University*

In July 2001, **Professor Hickling** visited the Professor Clive Adams, University of Leeds, UK. It was agreed that a fourth year DM Psychiatry student would exchange with a Senior Registrar from Leeds University beginning in the academic year 2001 to 2002.

PUBLIC SERVICE

W Abel

- Chairman, Board of Supervision, Ministry Local Government, Youth and Community Development, Jamaica.
- Chairman, Advisory Board on Disability, Ministry of Labour and Social Security.
- Board member, Kingston Young Men's Christian Association.
- Board Member, Community Group Homes.
- In charge of Medical Outreach Services, Jamaican Office, Food For The Poor.

B Bain

- Member, Board of Directors, Family Life Ministries
- Chairman, meeting of National Care and Counselling Subcommittee of the National AIDS Committee, Jamaica – convened to prepare new strategic plan in response to the HIV/AIDS epidemic, May 2001.

L Barnaby

- Executive member, Soroptimist Club of Jamaica (Kingston) and club representative at National Association of Soroptimists.

D Eldemire-Shearer

- Chairman, National Council for the Elderly, Jamaica.
- Deputy Chairman, Board of Supervision, Ministry Local Government, Youth and Community Development, Jamaica.

M Pinnock

- President, Caribbean Public Association.
- Member, Board of Governors, Oberlin High School.
- Member, Technical Advisory Committee of the Caribbean Environmental Health Institute, St. Lucia.
- Chairman, Advisory Committee on Health Sciences, University of Technology.
- Chairman, Beverly Hills Citizen's Association, Area 1.

F W Hickling

- President, Jamaica Psychiatric Association

M Jackson

- President, Bellevue Hospital Foundation of Friends

A McCaw-Binns

- Member, Epidemiology and Research Sub-committee, National Council on Drug Abuse, Jamaica
- Member, Scientific, Technical and Advisory Group of the Regional Plan of Action for the Reduction of Maternal Mortality in the Americas
- Member, Welfare Committee, Parent Teacher's Association, Jamaica College, Kingston.

C Thesiger

- Chairman, National Council on Drug Abuse, Jamaica.
- Chairman, Steering committee for the development of the National Master Plan for Drug Abuse and Control, Jamaica - 2002-2007.
- Chairman, Board of Directors of Richmond Fellowship Jamaica – a residential drug rehabilitation unit, funded by the Ministry of Health.
- Secretary, Jamaica League against Epilepsy
- Member, Drug Demand Reduction Expert Group for CARICOM and the OAS/CICAD
- Coordinator, SIDUC project, a drug abuse data gathering project, which forms part of the regional observatory on drugs use and abuse.

P Williams-Green

- Member, Jamaica Anti-tobacco Coalition
- Member, Ministry of Health Advisory Panel on Alternative Medicine

STAFF MOVEMENTS

In October 2000, **Mrs Patricia Desai** resigned from the position of Senior Lecturer, but she continues to contribute to the Department as an Honorary Lecturer. In July 2001, **Dr Charles Thesiger** retired from the post of Senior Lecturer in the Section of Psychiatry, but has been retained on staff for the forthcoming academic year.

The Department welcomed psychiatrist, **Dr Wendell Abel**; nutrition specialist and research teacher, **Dr. Maria Jackson**; Health Promotion specialist, **Mrs Desmalee Holder-Nevins**; and Environmental Health specialist, **Mr Henroy Scarlett**. We were grateful to have the temporary services of three psychologists, **Dr Peter Weller**, **Dr Brigitte Matthies** and **Mrs Paulette Gayle** who all stood in for **Dr Sarada Pokuri**, Clinical Psychologist, who was pursuing further studies abroad. **Drs Namvar Zohoori and Lincoln Sergeant** from the Tropical Medicine Research

Institute joined their colleague, **Dr Marvin Reid** and together, they helped to strengthen the teaching team in Biostatistics. **Miss Marina Ramkissoon** from the Department of Sociology and Social Work also joined our team as a teaching assistant. **Mrs Dorrett Falloon**, Social Worker in the Department, helped to introduce the medical students to the discipline of counseling.

Obituary

Late in the academic year, the department bade reluctant farewell to Mrs Ivy McGhie, one of our stalwarts, who passed away at the University Hospital. Mrs McGhie was a pioneer Health Educator and a selfless community worker in Jamaica. Many generations of students benefited from her teaching. Following her retirement from the position of Lecturer in the Department, she continued to teach in the Diploma in Community Health programme and more recently became co-ordinator of the special outreach programme to train laypersons and nurses who provide home-based and institution-based care of the elderly.

CATEGORIES OF STUDENTS GRADUATING

Undergraduate

Bachelor of Medicine, Bachelor of Surgery	71
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Post Basic

Diploma in Community Health (Health Education/Health Promotion)	7
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Postgraduate

Master of Public Health	20
Doctor of Medicine (Psychiatry)	1

Special Awards

A *scholarship* was awarded to **Dr C McDaniels** by the British Council to allow her to pursue the MSc in Forensic Psychiatry at Birmingham University.

Ms. Sonia Alexander, Diploma Health Education/Health Promotion student received the *award for making the best oral presentation* at the Faculty Research Day, October 2000.

DISTINGUISHED VISITORS

Dr Jude-Marie-Alexis, Health Education Consultant, U.S.A.

Professor Jose Maria Caldas, Director of Mental Health, Pan American Health Organization, Washington, D.C., U.S.A.

Professor Hugh Hendry, Professor of Psychiatry, University of Illinois, U.S.A.

Dr James Hospedales, Director, Caribbean Epidemiology Centre, Trinidad & Tobago

Dr James Lea, Director of International Health, School of Medicine, University of North Carolina at Chapel Hill, U.S.A.

Professor Michael Lambert, Professor of Psychology, University of Missouri, U.S.A.

Professor Reizo Mita, Professor of Public Health, Hirosaki University, Aomori Prefecture, Japan.

Professor Steve Nardozi, Westchester College, SUNY, New York, U.S.A.

Dr Kei Satoh, Hirosaki University, Aomori Prefecture, Japan.

Professor Sten Vermund, University of Alabama at Birmingham, U.S.A.

Professor Richard Nisbett, Texas Tech University, U.S.A.

DEPARTMENT OF MEDICINE

Professor Charles E. Denbow, BSc, MBBS (Hons), DM UWI,
FRCP Lond, FACP, FACC – Head of Department

WORK OF THE DEPARTMENT

During the Academic year 1st August 2000 – 31st July 2001 the Department of Medicine continued to perform very satisfactorily in all spheres of its operations.

Research output remained very good, and collaboration with different departments within the faculty continued. This collaboration can be expected to increase in the near future with the planned refurbishing of the Departmental Laboratory.

Undergraduate teaching programmes continued satisfactorily, and the functioning of the Staff/Student Liaison committee can be expected to address any concerns from staff or students promptly thus further enhancing the efficacy of these programmes. The format of the undergraduate clinical examination in Medicine and Therapeutics was changed beginning with the November/December 2000 examination and continuing with the May/June 2001 examination. The new format was the **Objective Structured Clinical Examination (OSCE)** which involved each candidate in a given group being examined on the **same patient** by **the same examiner**. This format of clinical examination is in keeping with worldwide trends. The candidates were generally well prepared for this examination and performed well. Importantly, the OSCE proved extremely effective in identifying the weak candidates.

The DM (Medicine) Postgraduate programme continued to be in demand with significant numbers of potential candidates on the waiting list for entry. Four postgraduate students successfully completed the DM Part 2 (final examinations) during the year – three in December 2000 and one in June 2001. All five candidates for the DM Part I examination during the year were successful (two in November/December 2000 and three in May/June 2001).

In addition to the above, the Department of Medicine maintained a high level of service to the Jamaican public through both inpatient and outpatient hospital services.

STAFF

Dr. Michele Lee was appointed a part-time lecturer in the Department in October 2000. Dr. Lee will be working in Neurology.

RESEARCH IN PROGRESS

Professor Charles Denbow

- Interventional Cardiology – Percutaneous Transluminal Coronary Angioplasty and intracoronary stent placement
- Acute coronary syndromes in Jamaica

Professor Owen Morgan

- HTLV-I associated Neurological disease – Clinical and Epidemiological Studies
- Dementia – Gene Frequencies in a Jamaican population

Professor Everard Barton

- Epidemiological Survey of Chronic Renal Failure/End Stage Renal Failure in Jamaica
- Cardiovascular Disease in End Stage Renal Failure
- Psychosocial Problems in Patients with Chronic Renal Failure
- Immunogenetics of Thyroid Disease and Systemic Lupus Erythematosus
- Immunogenetic Studies on the Acquired Immune Deficiency Syndrome

Dr. Winston Williams

- Continues to collect series of cases of Diffuse Proliferative Glomerulonephritis in SLE, who are given Pulse Intravenous Cyclophosphamide.

Dr. Paul Scott

- Bronchoscopy referrals
- Normal spirometry values for Jamaican adult population
- Sleep related respiratory disorders

Dr. Orrin Barrow

- Outcome in Upper GI Haemorrhage at UHWI
- Spontaneous Bacterial Peritonitis
- Pyogenic Liver Abscesses

Dr. Rosemarie Wright-Pascoe

- Diabetes in African Origin Females. The Genetics of Type 2 Diabetes Mellitus (The Lilly Project)
- The Anatomy of an Endocrine Clinic
- Prevalence of Chronic Renal Failure in the Diabetic Project at UHWI
- Islet Cell Antibodies in Blacks with Type 1 Diabetes Mellitus
- HTLV1 and Type 1 Diabetes Mellitus

Dr. David Gilbert

- Stroke at the University Hospital, Jamaica. Risk factors, Management; Role of CT imaging
- Parkinson's Disease – Etiological factors, Co morbidities, Management at the University Hospital, Jamaica
- Epilepsy – Management at the University Hospital, Jamaica

Dr. Althea East-Innis

- HTLV 1 study

Dr. Charlton Collie

- Fiberoptic Bronchoscopy at UHWI – The Family Experience.
- Determination of normal parameters of Pulmonary Function in the Jamaican population.

PAPERS PRESENTED

Professor Charles Denbow

- “The modern management of Hyperlidaemia”. Pfizer symposium Kingston, Jamaica, February 2001.

Professor Everard Barton

- “Acute Renal Failure.” Surgical Monthly Seminars, Faculty of Medical Sciences, UWI, Jamaica, February 2001.
- “Do Cardiovascular Abnormalities Detected by Echocardiography predict mortality in patients with Chronic Renal Failure.” Caribbean Association of Nephrologists and Urologists Scientific Meeting, University of the West Indies, Jamaica, April 2001.
- “The Jamaican Renal Failure Study.” Caribbean Association of Nephrologists and Urologists Scientific Meeting, University of the West Indies, Jamaica, April 2001.

Dr. Winston Williams

- “Case discussion on Thrombotic Thrombocytopenic Propura and Renal Failure in a HIV positive patient” at Clinicopathological Conference, Main Medical Lecture Theatre, FMS, UWI, February 2001.

Dr. Michael Lee

- “Helicobacter pylori: relation to peptic ulcer disease and treatment”. Symposium of the Mid Island Branch of Medical Association of Jamaica. Mandeville, Jamaica, June 2001.

Dr. Rosemarie Wright-Pascoe

- “Hyperlipidaemia in Jamaicans with Diabetes Mellitus”, Norvartis International Conference, Sardinia, Italy, May 5, 2001.
- “Radioactive Iodine Therapy in Jamaica”, 20th Joint Meeting of the British Endocrine Societies, Belfast, UK, March 26, 2001.
- “Medical Management of the Diabetic Foot”, University Diabetes Outreach Programme/ADA/CFNI – 7th International conference, Ocho Rios, Jamaica – March 3, 2001.
- “Electrocardiographic Abnormalities and Dyslipidaemia in Jamaican Diabetics”, 17th International Diabetes Federation Congress, Mexico City, Mexico, November 5, 2000.
- “Type II Diabetes – the Jamaican Experience”, Norvartis West Indies Launch of Starlix, Le Meridien, Pegasus, Kingston, Jamaica, July 8, 2001.
- “Initiating Insulin Therapy in the Outpatient Department”, Faculty of Medical Sciences 9th Annual Research Conference, UWI, Mona, Jamaica, November 9, 2000.

Dr. David Gilbert

- “Epilepsy – Management at the University Hospital, Jamaica”, at the launch of the Jamaica Chapter of the International League Against Epilepsy. Liguanea, Kingston, Jamaica, March 2001.
- (with E. N. Barton, L. Sargeant, C. Yeates, H. Falconer, R. Wilson, R. Smith, J. James, M. F. Smikle). “The Jamaica Renal Failure Study. Caribbean Association of Nephrologists and Urologists Scientific Meeting, University of the West Indies, Jamaica. April 2001.
- (with E. N. Barton, A. Chung, N. Iheonunekwu, D. Williams, C. Thomas). “Do Cardiovascular Abnormalities detected by Echocardiography predict mortality in patients with Chronic Renal

Failure?” Caribbean Association of Nephrologists Scientific Meeting.
University of the West Indies, Jamaica, April 2001.

Dr. Althea East-Innis

- “The management of common skin disorders in HIV infection”,
Medical Associations of Jamaica Annual Symposium – Le Meridien
Pegasus, June 2001.

PUBLICATIONS

Professor Charles Denbow

- * **Denbow CE**, Chung AS, Chung EE, Coy K and Gist H,
“Intracoronary Stent implantation in Jamaica”. *West Indian Medical
Journal* 50 1(2000): 27 – 30.

Professor Everard Barton

- * Miller M, **Barton EN**, Shah D., Yeates C, Gray A. Human T-cell
Lymphotropic Virus-1 associated renal disease in Jamaican children.
Paediatric Nephrology (2001) 16:51-56.
- * Heslop OD, King SD, Levett PN, **Barton EN**, Wynter J. Antibiotic
susceptibility of *Clostridium difficile* isolates from adult patients at
two Jamaican Hospitals. *West Indian Medical Journal* (2001) 50:50-
54.

Dr. Michael Lee

- * “Characteristics of *Helicobacter pylori* infection in Jamaican adults
with gastrointestinal symptoms”. M. Hisada, **M. G. Lee**, B.
Hanchard, M. Owens, Q. Song, L. Van Doorn, A. Cutler and B. Gold.
Journal of Clinical Microbiology. 2001; 39: 212 – 216.
- * “*Helicobacter pylori* infection in the Caribbean: Update in
management.” **M. G. Lee**, K. O. Barrow and C. N. Edwards. *West
Indian Medical Journal*. 2001; 50: 8 – 10.

Dr. Rosemarie Wright-Pascoe

(Peer-Reviewed Journals)

- * **Wright-Pascoe, R.**, Charles, CFA, Richards, R., Fletcher P.,
Hanchard, B. and Kelly, O. “A Clinicopathological Study of
Cushing’s Syndrome at the University Hospital of the West Indies and
a Review of the Literature.” *W. I. Med J* 2001; 50(1):55 – 61.

- * **Wright-Pascoe, R.**, Roye-Green, K. and Bodonaik, N. “The Medical Management of Diabetes Mellitus with particular reference to the Lower Extremity”. *W. I. Med J* 2001; 50(Suppl 1): 46 –49.
- * Reid, H.I., Vigilance, J., **Wright-Pascoe, R.**, Aquart A., Robinson H., Banbury, M., Whitbourne, F., Callender, J., Less, L. and Bailey, S. “The efficacy of Acarbose in Type 2 Diabetes Mellitus in Jamaica.” *W. I. Med J* 2001; 49(4): 281 – 284.
- * **Wright-Pascoe, R.** “Antibiotics Use and Abuse: Summary of the Antibiotic Conference”. *W. I. Med J* 2000; 49(3): 238 – 240.
- * **Wright-Pascoe, R.** and Bishop, K. “Chronic Iron Deficiency: Clinicopathological Conference.” *W. I. Med J* 2000; 49(3): 249 – 253.

Dr. Althea East-Innis

- * Clinicopathological Conference: “Leprosy – forgotten but not eradicated”. *West Indian Medical Journal* 2001 Volume 50, 81 –83.

PUBLIC SERVICE

Professor Everard Barton

- Fundraiser, Renal Support Foundation of Jamaica
- Working with the Mandeville and Black River Rotary Clubs to help disadvantaged persons with renal disease in those areas

Dr. Winston Williams

- Member, Caribbean Association of Nephrologists
- Member, Lupus Foundation of Jamaica

Dr. Wright-Pascoe

- Consultant Physician/Spokesman/Lecturer for Diabetes Association of Jamaica/University Diabetes Outreach Project.
- Resource person, for Diabetes Mellitus and Endocrinology in Jamaica and the Caribbean.
- Honorary Secretary, Association of Consultant Physicians of Jamaica.
- Chairperson, Mannings Hill All Age School, St. Andrew.

Dr. Orrin Barrow

- Secretary, Association of West Indies Gastroenterologists [AWIG]
- Member, International Relations Committee of the American College of Gastroenterology
- Chairman, Medical Committee – UHWI
- Trustee, Jamaica Medical Foundation

Dr. Paul Scott

- Member, Heart Foundation of Jamaica

Dr. D. Gilbert

- Treasurer, Jamaica Chapter, International League Against Epilepsy.

DEPARTMENT OF MICROBIOLOGY

**Dr Monica Smikle, BSc UWI, MSc Amst, PhD UWI,
Dip. Clin. Microb. Lond – Head of Department**

WORK OF THE DEPARTMENT

The Department of Microbiology, during the academic year 2000/2001, carried out its work with enthusiasm and dedication. Competitive efforts were made to upgrade teaching skills, increase proficiency in information technology and its translation to teaching. Several research projects were continued and a few new projects were undertaken with some success. The department managed to procure modest external funding for collaborative research projects. Several applications were made to the Campus Research and Publications Funds Committee but without the usual success. There was a marked increase (12.5%) in the diagnostic laboratory workload. The department processed and reported on 70,618 clinical specimens during 2000/2001 compared to 62,969 in the 1999/2000 academic year. In addition, 2,159 specimens from emergency cases were processed.

During April/May 2001, Dr Ivan Vickers, medical resident, received training in Hospital Infection Control and in Diagnostic Medical Mycology at the National Public Health Laboratories, London and Bristol, United Kingdom. The resident, academic and technical staff benefitted from two lecture series in virology and antimicrobial chemotherapy, conducted by visiting lecturers from Canada and the United Kingdom. Modifications in the staff structure occurred with Orville Heslop, a PhD student in medical microbiology, being appointed assistant lecturer in March 2001. Members of staff who resigned their posts during the year include, Denise Davis and Allister Anglin, senior medical technologists; Cheryl Blackwood, secretary and Derry-Ann Bascoine, laboratory assistant. Pelon Gayle, a medical technologist was appointed. Dr Karen Roye-Green revisited and continued her collaborative research and training project at Morehouse School of Medicine

After several months of trying, the department slowly edged its way forward with plans for the refurbishment of the physical plant. It is hoped that this elusive goal will be achieved during the 2001/2002 academic year.

RESEARCH IN PROGRESS

Dr G Dowe

- Non-ulcerative sexually transmitted diseases (STD) as facilitators of the transmission and acquisition of HIV/AIDS in STD clinic attendees (in collaboration with Ministry of Health, Jamaica and Department of Microbiology, University of Miami, Florida.)
- *Helicobacter pylori* infection and associated diseases in Jamaica. Diagnostic, therapeutic and epidemiological aspects (with colleagues from the Departments of Microbiology and Medicine).
- *Chlamydia trachomatis* induced reactive arthritis in Jamaica (in collaboration with the Centers for Disease Control, USA, Departments of Medicine and Biotechnology, UWI).

Dr K Roye-Green

- Autoantibodies in Jamaican women with recurrent abortions (collaborative study with Department of Microbiology and the Section of Obstetrics and Gynaecology)
- The intracellular mechanisms of signal transduction which enhance expression of adhesion molecules on endothelial cells (study at Morehouse School of Medicine, USA)
- In vivo and invitro studies of the inhibition of antiphospholipid syndrome by synthetic peptides (study at Morehouse School of Medicine, USA)

Dr M F Smikle

- Studies on enterococci (joint project with collaborators from the Departments of Microbiology and Medicine)
- The genes of the major histocompatibility complex and selected diseases in Jamaicans.
- Molecular epidemiological studies on the human immunodeficiency virus (joint project with collaborators from the Departments of Microbiology, Medicine and Community Health and Psychiatry).

PAPERS PRESENTED

- “Bloodborne sexually transmitted infections among substance abuse patients in Jamaica” **G Dowe, MF Smikle, C Khan**, C Thesiger, E Williams. 9th Annual Research Conference, Faculty of Medical Sciences, U.W.I., November 2001.

- “HLA phenotypes and Graves’ diseases in Jamaica.” **M Smikle**, R Wright-Pascoe, E Barton, **K Roye-Green**. Fourteenth Annual National Conference on Science and Technology November 23 -24, 2001, Jamaica.
- “Performance evaluation of the newly released PanBio Dengue virus duo IgM and IgG rapid immunochromatographic test in Jamaica”. **SD King**. 17th Annual Meeting of Pan American Society for Clinical Virology Conference, May 2001.
- “The Human T lymphotropic virus (HTLV-1) and autoimmunity in Jamaica”. **MF Smikle**, EN Barton, O Morgan, D Gilbert, R Wright-Pascoe. Northern Caribbean University Science Symposium, June 2001.

PUBLICATIONS

Refereed:

- * “Investigations of the epidemiology of infection with Hepatitis A virus in Jamaica”. **M Brown, J Lindo and SD King**. *Ann Trop Med Par* 2000;94:497-502.
- * “Risky behaviour in Jamaican adolescent patients attending a sexually transmitted disease clinic”. **MF Smikle, G Dowe**, T Hylton-Kong, E Williams, M Baum. *West Ind Med J*, 2000;49(4):257-361.
- * “Bloodborne sexually transmitted infections in patients presenting for substance abuse treatment in Jamaica”. **G Dowe, M Smikle**, C Thesiger, E Williams. *Sex Trans Dis*, 2001;28(5):266-269.
- * “Antibodies to hepatitis B virus and hepatitis C virus in residential detoxification clients in Jamaica”. **MF Smikle, G Dowe**, E Williams and C Thesiger. *Human Antibodies*, 2001;9:231-233.

Non-refereed:

- * “The medical management of diabetes mellitus with particular reference to the lower extremity – the Jamaican experience.” R Wright-Pascoe, **K Roye-Green, NC Bodonaik**. *West Ind Med J* (Suppl 1), 2001;50:46-49.

CATEGORIES OF STUDENTS

Undergraduate

A total of 180 students in the first and second clinical years participated in the Microbiology/Pathology MBBS program. An overall 88% (71/88) of the candidates were successful in the MBBS Stage II Part I Pathology/Microbiology examinations held in April/May 2001. The Louis Grant Prize in Microbiology was awarded to Kirk Sturridge.. The department prepared for the implementation of the new curriculum, August 2001 to be taught concurrently with the existing curriculum.

Postgraduate

Six (6) candidates are registered in graduate programs in medical microbiology. These include the DM Medical Microbiology (4 candidates); Ph.D. Medical Microbiology (1 candidate); M.Phil Medical Microbiology (1 candidate).

OBITUARY

Andrea Bailey, administrative technologist passed on, May 2001. Her contribution to the department was monumental and she is sadly missed.

DISTINGUISHED VISITORS

Professor Lafras Steyn, Head, Department of Medical Microbiology, University of Cape Town, School of Medicine, South Africa.

Dr Martin Petric, Virologist, Division of Virology, The Hospital for Sick Children, University of Toronto, Canada.

Dr David Livermore, Microbiology Director, Antibiotic Resistance Monitoring and Reference Laboratory, Central Public Health Laboratory, London, U.K.

Dr Carlos Casiano, Division of Microbiology and Molecular Genetics, Department of Microbiology and Biochemistry, School of Medicine, Loma Linda University, USA

Dr Hansel Fletcher, Division of Microbiology and Molecular Genetics, Department of Microbiology and Biochemistry, School of Medicine, Loma Linda University, USA

DEPARTMENT OF OBSTETRICS, GYNAECOLOGY AND CHILD HEALTH

**Dr. Joseph Frederick, MB BS, DM (O&G), FRCOG, FACOG
– Head of Department**

The Department of Obstetrics, Gynaecology and Child Health this year focused on the development of its infrastructure in order to adopt and adapt to the demands of the advancing technology. The world has changed, and brought with it new realities. It is only through our creative imagination and collective will that we can be competitive in the global village. Therefore we can only predict our future if we are prepared to invent it by placing greater emphasis on research which is relevant to the Caribbean people. These initiatives will ultimately improve the quality of the lives of our people.

WORK OF THE DEPARTMENT

Special Care Nursery

The **Special Care Nursery** which was funded by the University Hospital is an important development for this academic year. It has the capacity for 26 newborns, a Neonatal Intensive Care Unit with the capacity for eight (8) Ventilatory Support Systems and also includes facilities to accommodate nursing mothers overnight. It is on par with other units in developed countries and will provide the platform for improving research, training and reducing the perinatal mortality rate in Jamaica. This is an important arm in the development of a Feto-Maternal Unit.

Assisted Reproductive Technology Unit

The Fertility Management Unit started treating infertile couples by in vitro fertilization and embryo transfer in June 2000. So far, nineteen (19) pregnancies have resulted from embryo transfer in sixty women, including two pregnancies from frozen embryos. To date ten babies have been delivered and all are healthy. This programme is an integral part in the development and teaching of Reproductive Medicine at the University of the West Indies and at the same time is also an income generating project/venture.

Child Health Retreat

A Child Health retreat, the first of its kind, was held in July 2001 under the Chairmanship of Dr. J. Frederick and Dr. Maureen Samms-Vaughan. Twenty-three (23) academic staff members from The University of West Indies and the Bustamante Hospital for Children were in attendance. This retreat addressed the issues of both the clinical and academic responsibilities of the Section.

NEW DEVELOPMENTS

Assisted Reproduction

The **Assisted Reproduction Technology programme** established in the Fertility Management Unit has shown tremendous success. On the 2nd of March this year we saw the historic delivery of the first set of twins and by extension the first two babies in Jamaica by In Vitro Fertilisation and Embryo Transfer from this programme in the Department of Obstetrics, Gynaecology & Child Health at the University of the West Indies Mona. This breakthrough gave the Department and the University worldwide coverage in the print and electronic media including CNN. Since then 19 of the 60 patients who underwent embryo transfers have become pregnant, this is in keeping with a 25 % success rate which is on par with the other international centers. We have also made a breakthrough in having two pregnancies from frozen embryos from June last year which were thawed and transferred this year. The university invested in the training of Dr J Frederick at the Midlands Fertility Services in the U.K. which now has paid dividends in the training of two other Lecturers, Drs Shaun Wynter, and Vernon Dacosta. The team of doctors along with Mrs. C Frederick (Embryologist) are responsible for the training of the undergraduate and postgraduate students. This programme is also generating major income and has the capacity to attract major funding particularly in areas like Stem Cell Research which will undoubtedly be the mainstay for future research in medicine.

Feto-Maternal

The introduction of a **Feto-maternal Unit** which is comprised of perinatologists who are specialists in high risks pregnancies namely Drs. L Matadial, AM Mullings, S Kulkarni and Neonatologists, H Trotman, M Antoine and A Thame, has shown significant infrastructural development. This encouraged the University Hospital to make a major investment in the refurbishing of the Special Care Nursery including the Neonatal Intensive Care Unit with the capacity to eventually accommodate eight neonatal ventilators. Our Special Care Nursery has just been recently completed and is another breakthrough for the department.

CHILD DEVELOPMENT

The Planning Institute of Jamaica in conjunction with the University of the West Indies will fund a cohort study on the development and behaviour of Jamaican adolescents.

STAFF

Awards

Congratulations to **Drs. Shaun Wynter** and **Sharmaine Mitchell** who were awarded the Fellowship of the American College of Obstetricians and Gynaecologists, in May 2001. **Dr J Frederick** also received an award for distinguished work in Reproductive Medicine by the American College of Obstetricians and Gynaecologists District 1V in March, 2001.

Academic Achievements

Dr Helen Trotman returned to the Department after successfully completing a one year fellowship in Neonatology at Oregon State University and the Dorenbecher Children's Hospital, Portland, Oregon, USA.

Dr. Russell Pierre consultant at the HIV clinic successfully completed the Masters in Public Health at the University of the West Indies.

INTERNATIONAL RESEARCH TRAINING

The contract that the NIH had with Child Health has been renewed for a 4-year period as a Centre for Research Training in Child Development and Behaviour.

Four students from the USA conducted research in Autism, under the supervision of Dr. M. Samms-Vaughn.

RESEARCH IN PROGRESS

- Prof. Christie CD, principal investigator, "Mega-trial of safety and efficacy of pentavalent (G1,G2,G3,G4 and P1) Human-Bovine Reassortant Rotavirus Vaccine in Healthy Infants" with Drs. M. Duncan, M. Smikle, K. Thomas and **Merck & Co., USA**.
- Prof. Christie CD, principal investigator, "Pediatric HIV/AIDS leadership initiative in Jamaica," with Prof. B. Bain, Drs. A. Mullings, J. Frederick, C. Rattray, M. Smikle, R. Pierre, Jamaican Ministry of Health, University of Maryland and **Elizabeth Glaser Pediatric AIDS Foundation, USA**.

Dr V. Dacosta

- Review of Cases of No-scalpel Vasectomy (new technique) in Jamaica at the Fertility Management Unit, Department of Obstetrics, Gynaecology & Child Health.
- Attitudes of Jamaican Women to the IVF programme at the Fertility Management Unit.

Dr. J Frederick

- The use of Interceed as an Adhesive Barrier to Reduce Tubulo-ovarian Adhesions and to Increase Pregnancy Rates Post Myomectomy. A randomised prospective trial.
- Use of Oral Contraceptive vs Metformin to Improve Outcome of Treatment in Patients Undergoing In Vitro Fertilization and Embryo Transfer.
- Factors Affecting Male Fertility in the Jamaican Population.
- Auto-antibodies in Jamaican Women with Recurrent Abortions. (Collaboration with Dept Microbiology, Dr's M Smikle & Roye-Green).

Dr H. Fletcher.

- Misoprostol for Induction of Labour, Once a Daily Versus Multiple Doses Phytoestrogens in Jamaican Foods and Impact on Hormone Dependent Disease Such as Breast Cancer, Ovarian Cancer, Endometrial Cancer, Prostate Cancer, Cardiovascular Disease and Osteoporosis.

Dr. AM Mullings

- Prevalence Study of Mycotic Vulvovaginitis (Collaboration with Dept. of Microbiology).
- Genetic Studies on Type 2 Diabetics in Patients in the Jamaican Population (Collaboration with Prof Stoffel from Rockefeller University. Funded by NIH.)

Dr L. Matadial

- Isolation and Evaluation of Extract of the Jamaican Plant Bromelia Pinguin to Inhibit Uterine Activity in Labour. Currently being undertaken in collaboration with Dr Roy Porter

Dr. Doreen Millard

- Adolescents Perceptions and Experiences of Violence in Kingston and St. Andrew

Dr. Maolynne Miller

- Acute Glomerulonephritis in Jamaican children (1985-1998)

Pierre, Russell:

- Caregiver Issues and the Impact on the HIV/AIDS Affected Child in a Jamaican population

Dr. Audrey Pottinger

- Effects of Loss on Children in Inner-city Communities and Effectiveness of School-based Intervention
- Examining Psychosocial Issues and Life Skills Among Medical Students at UWI

Dr. Maureen Samms-Vaughan

- A Comprehensive Look at the Health Development and Behaviour of Jamaica's Adolescents at 15-16 years: Follow-up of a birth cohort.
- Autism in Jamaica.

RESEARCH COMPLETED

- “Fertility rate in patients with recurrent leiomyomas after repeat myomectomy. Fallopian tubulo-ovarian adhesions are the main complications post myomectomy.” Frederick J, Hardie M, Fletcher H, Wynter SH, Dacosta V.
- “Hyperinsulinaemia in patients with polycystic ovarian syndrome. A Randomized control trial.” Frederick J, Roberts N, Wynter SH, Fletcher H, Dacosta V et al.
- “The increase incidence of male infertility compared to female factors in couples under investigations.” Frederick J, Dacosta V, Wynter SH, Frederick C et al.
- “Ovarian hyperstimulation Syndrome in Patients Undergoing Controlled Ovarian Hyperstimulation in Three in vitro Fertilisation - embryo transfer cycles at the Fertility Management unit, Dept. Obstetrics, Gynaecology & Child Health.” J. Frederick, S Wynter, V Dacosta, C Frederick et al.
- “Laparoscopic Surgical Treatment of Tubal Ectopic Pregnancy at University Hospital Jamaica,” SH Wynter, V Dacosta, and J Frederick.
- “Correlation between transvaginal ultrasound measured endometrial thickness and Histopathological findings in black women with postmenopausal bleeding” . H Phillip, V Dacosta , H Fletcher and S Kulkarni.

- “A Prospective Randomised Trial of Once Daily Misoprostol vs Dinprostone for Induction of Labour and its Effect on Intrapartum Fetal Wellbeing. Different doses were compared and fetal wellbeing tested using cord blood pH at birth.” SH Wynter, H Fletcher, J Frederick , V Dacosta et al.
- “Local Anaesthesia for Outpatient Laparoscopic Sterilisation : using a Paracervical block. A prospective controlled trial using lignocaine administered as a Paracervical block with ‘ same patient’ control. The aim was to see if a paracervical block would provide anaesthesia at the fallopian tube.” SH Wynter, HH Wynter, J Frederick, V Dacosta et al.

PAPERS PRESENTED

Professor Celia Christie delivered her inaugural professorial lecture “Whoping the 100 Day Cough- Towards a Whoop-la for Tomorrow’s Children” which was well received.

Professor Celia Christie

- “Lessons learned from the Greater Cincinnati Pertussis Epidemic of 1993”, Houston, Texas, USA, October 28, 2000.
- “Jamaica’s Paediatric Health Care Requirements for the new millennium” Jamaica Anaesthetics Association, Le Meridien Jamaica Pegasus Hotel, Kingston, December 3, 2000.
- “Immunization Update” Family Practice Association, Kingston, Jamaica, January 2001.

Dr. Vernon DaCosta

- Male Infertility and IVF in Jamaica, Grabham Society of Obstetricians & Gynaecologists of Jamaica Annual Symposium, LOJ Auditorium 14th July 2001.
- Endometriosis, Pelvic Pain, Fibroids and their Treatment with GNRH-Analogs (with special emphasis on presenters own experiences), Abbott Laboratories – sponsored meeting, Accra Beach Hotel, Barbados, March 2001.
- Investigation of the Infertile Couple, The Junior Fellows of the American College of Obstetricians & Gynaecologists, Symposium on Infertility and Assisted Reproduction, Terra Nova Hotel, Kingston, Jamaica, September 2000.

Dr. Santosh Kulkarni

- Biochemistry and Thyroid Gland Volume Changes in Pregnancy and the Relationship to Postpartum Depression – FMS Annual Research Conference, November 2000.

Dr. Joseph Frederick

- In Vitro Fertilization at Fertility Management Unit Dept Obstetrics Gynaecology & Child Health University of West Indies -the Jamaican experience. Annual Symposium of the Medical Association of Jamaica. Hilton Hotel Kgn. 7th June 2001.
- University Role in the Development of Science and Technology in the Region. Guest Speaker, Science and Technology Award Presentation for Schools. Le Meridian Hotel, Kingston, Jamaica May 10, 2001.

Dr. Sharmaine Mitchell

- “Prevention of Sexually Transmitted Diseases”, Health, Home and Garden Exposition, October 2000.
- “Cervical Cancer Prevention”, Jamaica Foreign Service Association, Ministry of Foreign Affairs, April 2001
- “Physician Survey of the use of Misoprostol in Obstetrics in Jamaica”, Grabham Society of Obstetricians and Gynaecologists, July 15, 2001
- “Menopause and it’s Significance”, Women’s Federation, Eastwood Park Baptist Church, March 2001

Dr. Anthony Mullings

- “Human Studies in Developing Countries, Exploitation or Research”, August 25, 2000, Guest Presenter by invitation, at the University of Miami Dialogue in Ethics Series.
- “A vision for Clinical and Graduate Studies”, September 14-15, 2000, Faculty Retreat, Mona.
- “Effective Licensure Programs: Caribbean Collaboration of Medical Councils”. Managing Quality Through Regulation: Priorities and Possibilities”, October 4, 2000, National Press Club, Washington.
- “Genetic Research and Third World Countries, Science of Exploitation?” Ethics conference, The New Genetics: Legal, Medical and Religious Perspectives, February 10, 2001, St. Thomas University School of Law, Miami, Florida.

Dr. Carole Rattray.

- HIV in the Antenatal Population at the University Hospital. Anaesthetic Association Conference, Le Meridian Hotel, Kingston, Jamaica, December 2000.

Dr. Shaun Wynter

- “Ovulation Induction in Assisted Reproduction”, Junior Fellows ACOG WI Section Meeting, Terra Nova Hotel, September 9, 2000. The long protocol for ovulation induction in IVF programmes was emphasized.
- “The Inaugural In-Vitro Fertilization Cycle in Jamaica”, Faculty Research Day, The Main Medical Lecture Theatre, FMS, Mona, November 9, 2000.
- “Factors Affecting Pregnancy Rates in Patients Undergoing Invitro Fertilisation”. ACOG West Indies Section Meeting , Hilton Kingston Hotel, February 17, 2001.
- “The Making of a Test Tube Baby”, University of Technology, March 22, 2001.
- “Ultrasound in Obstetrics”, Midwives Refresher Course, Department of Obstetrics and Gynaecology, UWI, Mona. May 10, 2001.

Dr. Leslie Gabay

- “MODY” In: Proceedings of the 13th Biennial International Conference at the Le Meridien Jamaica Pegasus, Kingston, March 17 & 18, 2001

Professor Robert Gray

- “Poliomyelitis Vaccination in Jamaica”. Symposium on Immunization, Paediatric Association of Jamaica and Ministry of Health at the Jamaica Conference Centre, November 12, 2000
- “Childhood Epilepsy: a Jamaican Snapshot”: Official Launch of the International League Against Epilepsy, Jamaican chapter at Jade Garden Restaurant, Kingston, March 12, 2001
- “New Drugs in the Treatment of Seizures in Children” 13th Biennial International Conference at the Le Meridien Jamaica Pegasus, Kingston, March 17 & 18, 2001

Dr. R. Melbourne-Chambers

- “Headaches in Childhood” 13th Biennial International Conference at the Le Meridien Jamaica Pegasus, Kingston, March 17 & 18, 2001

Dr. D. Millard

- “Rheumatic Fever Update 2000” at a Paediatric Conference, Le Meridien Jamaica Pegasus, Kingston, October 2000.
- “Rheumatic Fever 2001” 13th Biennial International Conference at the Le Meridien Jamaica Pegasus, Kingston, March 17 & 18, 2001

Dr. M. Miller

- **Miller M**, Shah D, Baton E, Gray A, Yeates C. “Human T-cell Lymphotropic Virus-1- associated renal disease in Jamaican children”. The Caribbean Association of Nephrologists and Urologists Scientific Meeting; Kingston , Jamaica, April 2001.

Dr. Maureen Samms-Vaughan

- Lambert MC, Schmitt N, Russ CM, **Samms-Vaughan ME**, Lewis KM, Lancaster KE. “Measurement of Family Functioning in Jamaica using the Family Adaptability and Cohesion Environment Scale II. Does Confirmatory Factor Analysis reveal a factor structure identical to those established in the United States”? National Council on Family Relations 63rd Annual Conference. Rochester Riverside Conference Center, Rochester, New York. November 2001.
- “Health Research in the Caribbean - Research in Child Development and Behaviour in Jamaica”. XXXVI Meeting of the PAHO Advisory Committee on Health Research. Le Meridien Jamaica Pegasus Hotel. July 9-11, 2001.
- “The Profiles Project: The search for indicators of child development”. Caribbean Child Development Centre’s 25th Anniversary Seminar. Faculty of Social Sciences, University of the West Indies. May 2001.
- Lambert M C., Samms-Vaughan ME. Invited Reactors and Presenters at the Research Roundtable Series of the Maternal and Child Health Bureau of the U S Department of Health and Human Services. Series entitled “Monitoring Methods for Perinatal Outcomes.” November 2000.
- Invited presentation at Ministry of Health Conference on Children and Adolescents at Risk. “Suicidal ideation in an 11 year old cohort”. Jamaica Conference Centre, September 2000.
- Invited presentation at Ministry of Health Conference on Children and Adolescents at Risk. “Early Detection of Risk Behaviour and Effects on Educational Attainment”. Jamaica Conference Centre, September 2000

- “Development and Behavioural Issues in Chronic Disorders in Children” 13th Biennial International Conference at the Le Meridien Jamaica Pegasus, Kingston, March 17 & 18

PUBLICATIONS

Refereed:

- * “A Retrospective Look at Misoprostol Induction on Antenatal Outcome”. University of the West Indies Jamaica. **Fletcher H, Hutchinson S.** *West Indian Med J*; **50** (1) : 47. 2 001
- * “Complete Non-Puerperial Uterine Inversion as a Result of a Uterine Sarcoma.” Rattray C, Parris D, Chisholm C, Coard K. *West Indian Medical Journal* **49**, no 3, 245-247
- * “Molecular Epidemiology of *Bordetella Pertussis* by Pulsed Field Gel Electrophoresis Profile, Cincinnati, 1989-1996.” Bisgard KM, **Christie CDC**, Reising SR, Sanden G, Cassidy P, Gomersall C, Wattignay W, Roberts N., Strebel P. Electronically published, 2001. <http://www.journals.uchicago.edu/JID>; *Journal of Infectious Diseases*, **183**:1360-7, 2001
- * “Trial of acellular pertussis vaccine during the Cincinnati Pertussis epidemic of 1993. 1989-1996”. **Christie CD**, Garrison K, Kiely L, Gupta R, Heubi J, Marchant CD.” Electronically published, 2001 <http://www.journals.uchicago.edu/CID>; *Clinical Infectious Diseases*, **33**; 7: 997-1003, 2001
- * “Causal Link Between Autism and Measles, Mumps, Rubella Vaccine: Fact, or Fiction?” **Christie CD** *West Indian Medical Journal*; **49**; 4; 266-267, 2000
- * “Molecular Epidemiology of B. Pertussis During the Greater Cincinnati Epidemic of 1993”. **Christie CD**, *West Indian Medical Journal*, **49**: (Suppl. 4); p-10:24, 2000
- * “Chronic Disease Control and Compliance – the HOPE Worldwide Jamaica Experience” [abstract]. Swaby P, Wilson E, Swaby S, Sue-Ho R, **Pierre R.** *West Indian Med J* **50**, Suppl. 2.
- * “Is Child Daycare in Jamaica Safe? A Survey of Factors that Influence the Development of Infection in Registered Child Daycare Centres in Kingston and St Andrew” [abstract]. *West Indian Med J*, **50**, (Suppl. 2): 39-40, 2001

- * "Factors Determining Admission to Neonatal Units in Jamaica." **Samms-Vaughan ME**, McCaw-Binns AM, Ashley DC, *Pediatric and Perinatal Epidemiology*. **15(2)**:100-105, April, 2001
- * "Epidemiology of Haemophilus Influenza Invasive Disease in Jamaica," **Barton-Forbes M A, Samms-Vaughan M E**, Irons B [abstract] 1990-1993. *West Indian Medical Journal*; **49** (3) 200-204, 2000

ABSTRACTS

- * "Self Concept, School Performance and Behavior in Jamaican Children." **Samms-Vaughan M.E.**, Ashley-Jackson M.D., Lambert M.C. Russ C.M, Ashley D.C. [abstract] *West Indian Medical Journal*; **50** (suppl. 2), 2001
- * "Ovarian Hyperstimulation Syndrome at the Fertility Management Unit, Dept Obstetrics, Gynaecology & Child Health." Frederick J, Dacosta V, Wynter SH, Rockhead C, Phillip C, Frederick C, Aldis G, Williams R, Mckenzie C. *West Indian Medical Journal* **49**: 22. (Suppl 4) 2000
- * "The Inaugural in Vitro Fertilization Cycle in Jamaica." Wynter SH, Frederick J, Dacosta V, Phillip H, Rockhead C, Williams R, Mckenzie C and McCleod Y. Dept of Obstetrics, Gynaecology & Child Health, UWI. *West Indian Medical Journal* **49**: 17. (Suppl 4)
- * "Factors Associated with Term Low Birth Weight at the Victoria Jubilee Hospital." Ewan C, White, Walker S, Chang- Lopez S, Powell C, McDonald D and Fletcher H. *West Indian Medical Journal* **49** : 11. (Suppl 4) 2001
- * "Correlation Between Transvaginal Ultrasound Measured Endometrial Thickness and Histopathological Findings in Black Women With Postmenopausal Bleeding." Phillip H, Dacosta V, **Fletcher H.** and **Kulkarni S.** *West Indian Medical Journal*.) **49** :14. (suppl 2001
- * Lifestyles Factors and Cervical Dysplasia in Jamaican Women . Baazuaye P, **Fletcher H** ,et al *West Indian Medical Journal* 2001.
- * "Factors Associated With the Development of Pre-eclampsia in a Jamaican Population." Bramwell G, Wieranga A, **Fletcher H.** *West Indian Medical Journal* 2001.
- * "The Ethics of Research in Developing Countries. Letter to the Editor." **Mullings AM.** *N Engl J Med* , **342**: 362, 2000

- * "Is There Hyperviscosity in Pre-eclampsia?" Pepple DJ, Reid HL, **Mullings AM**. *West Indian Medical Journal*. **49** : 229-31. 2000
- * "Erythrocyte Deformability and Erythrocyte Aggregation in Pre-eclampsia." Pepple DJ, Hardeman MR, **Mullings AM** & Reid HL. *Clinical Hemorheology and Microcirculation*, **24**: 43-48. 2001

Non-refereed.

Bailey, K.

- * Asthma – "Looking at the Bright Side" In: Proceedings of the 13th *Biennial Conference of the Paediatric Association of Jamaica*, Le Meridien Pegasus, Kingston Jamaica, March 2001

Christie CD.

- * "Stomatitis". In: Jenson HB and Baltimore RS, eds *Pediatric Infectious Diseases, Principles and Practice, Second Edition*, Philadelphia, WB Saunders & Co., **Chapt 60**, pg 728-733
- * **Christie CD**, "Parotitis and Sialoadenitis". In: Jenson HB and Baltimore RS., eds. *Pediatric Infectious Diseases, Principles, Second Edition*, Philadelphia, WB Saunders & Co., Chapt 62, pg 741-744
- * **Christie CD**, "Update on Pediatric HIV/AIDS". 13th *Biennial Conference of the Pediatric Association of Jamaica*. Le Meridian Jamaica Pegasus, Kingston , Jamaica, March 18, 2001

Miller, M.

- * "Chronic renal failure in childhood". In: Proceedings of the 13th *Biennial International Paediatric Conference*, Kingston, Jamaica. March 2001.

Samms-Vaughan, M. E.

- * "Cognition, Educational Attainment and Behaviour in a Cohort of Jamaican Children". A comprehensive look at the development and behaviour of Jamaica's eleven year olds." *Planning Institute of Jamaica Working Paper Number 5*. March 2001.
- * "A Profile of the Status of Jamaican Pre-school and their Learning Environments. A comprehensive look at Jamaica's six year olds." *Preliminary Report to the Inter-American Development Bank*. July 2001.
- * "Selecting Jamaican Indicators of Child Well-being: A Scientific Approach." *Preliminary Report to the Inter-American Development Bank*. July 2001

- * “Developmental and Behavioural Problems Associated with Chronic Diseases in Children”. *Proceedings of the 13th Biennial Conference of the Paediatric Association of Jamaica*. March 2001

PUBLIC SERVICE

Antoine M.

- Member, Juvenile Advisory Council (Jamaica)

Barton, M

- Paediatrician for Pentab Inner City Day Care
- Member, Paediatric Association of Jamaica

Christie, Celia D C

- Member, Anti-Infective Drugs Advisory Committee and Special USA Government Employee of the Food & Drugs Administration, Center for Drug Evaluation and Research, USA
- Chair, Professional Development and Equity Committee of the Infectious Disease Society of America
- Member, Board of Directors, Bank of Nova Scotia Jamaica Limited
- Member, HIV/AIDS Care Committee, Ministry of Health, Jamaica
- Member, Minority Special Interest Group, Infectious Disease Society of America
- Member, Pediatric Infectious Disease Society of America
- Founding Member, HIV/AIDS Association of America
- Member, HIV/AIDS Response Programme (HARP), UWI

Fletcher H

- President, Grabham Society of Obstetricians and Gynaecologists of Jamaica.
- Vice President, District 1V of the American Association of Obstetricians and Gynaecologists.
- Member, Assessment and Promotions Committee, FMS, Mona.

Frederick J

- Member, Curriculum Committee, FMS, Mona.
- Member, Joint UWI/UHWI Ethics Committee.
- Member, Medical Faculty Research Organising Committee.

Gray, R

- Member, Paediatric Association of Jamaica, Medical Association of Jamaica
- Advisor, Council of Management Jamaica Association for Persons with Mental Retardation
- Vice President, Jamaican Chapter, International League against Epilepsy

Millard, D.

- Chairman, Bustamante Hospital Management Committee
- Chairman, Adoption Board
- Programme Manager, Rheumatic Fever/Rheumatic Heart Disease National Control Programme
- Member, Medical Association of Jamaica
- Member, Paediatric Association of Jamaica
- WHO Representative, on a Task Force for the Prevention and Management of Rheumatic Fever
- Temporary Advisor to World Health Organisation in preparation of Technical Support Series on Rheumatic Fever/Rheumatic Heart Disease.

Mullings AM

- Coordinator and Chief Examiner, Caribbean Association of Medical Councils Certification Examinations.

Pierre, R.

- Member, Board of Directors of HOPE Worldwide Jamaica

Pottinger, A

- Vice President, Jamaican Psychological Association
- Member, Steering Committee, Disaster Mental Health Services, Jamaica Red Cross
- Consultant, Children's Services Division, United Church of Jamaica & Grand Cayman
- Board Member, Jamaica Foundation for Children
- Board Member, McCann Child Development Centre

Samms-Vaughan M E,

- Member, Vaz Preparatory School & Queen's High School Board.

- Member, Advisory group in the development of the UNICEF Country Programme for Maternal and Child Health in Jamaica (2002-2006)
- Consultant, Strategic Review of the National Early Childhood Programme, Planning Institute of Jamaica
- Member, Ministry of Health Working Group on Adolescent Policy
- Consultant and Advisor, Jamaica Attention Deficit Disorder Association
- Child Health representative, Committee for the Integration of Early Childhood and Day-Care Services in Jamaica, Ministry of Education

CATEGORIES OF STUDENTS

Section Obstetrics & Gynaecology

Both the undergraduate and postgraduate students have benefitted from the restructuring process in the Department . Facilities are provided for all lectures to be prepared on diskettes which are then stored in the departmental library for later revision by the students. The students also take advantage of the facilities in preparation of their tutorial topics and presentation using the multi-media projector which is at their disposal.

Undergraduates

All 4th and final year medical students rotate through the section for their 5th and 10th week clerkships. In the MB.BS final examinations, 7 out of 9 students were successful in December 2000 and in June 2001 80 out of 85 students were successful, 2 students were awarded distinctions and 3 were awarded honours in Obstetrics and Gynaecology.

Postgraduate

The postgraduate training programme has benefitted tremendously from the meticulous changes of the restructuring process through sub-specialisation. The Department is now fully equipped to deliver postgraduate training at the highest level and is comparable to any international training centres. In the DM Examination this academic year, the results were excellent. All four candidates who took the Part I in December 2000 and 4 out of 5 who took the DM Part II Examinations were successful. In June 2001 all 4 candidates taking the DM part 2 examinations were successful.

CHILD HEALTH.

Undergraduate

The Section of Child Health participates in undergraduate medical training at Years 1, 3 and 5. At Year 1, Child Health plays an integral part in the SP100 course (Community Health, Child Health and Psychology). At Year 3 there is a 5-week Introductory Clinical clerkship in Paediatrics and at Year 5 a 10-week Senior Clinical clerkship in Paediatrics. 108, 111 and 79 undergraduate students were trained at Years 1, 3 and 5 respectively. The Child Health final examination occurs in conjunction with the Department of Medicine. This year the Objective Structured Clinical Examination method was used for the first time at a complete end of year examination. 67 students were successful in the final 2001 MBBS examinations in Medicine in June 2001.

Postgraduate

The DM Paediatrics is a four-year programme which aims to provide Consultant Paediatricians, particularly for the Caribbean region. The total number of postgraduates in the programme in 2001 was 20 with six in Year 1, two in Year 2, seven in Year 3 and five in Year 4. At the examinations in June of 2001, all six candidates sitting the Part I examination at the end of the two-year training were successful and were promoted to the third year of the programme. Four candidates sat the Part II Examination after four years of training and were successful. These graduates are now employed as Senior and Consultant Paediatricians in Anguilla and at the Cornwall Regional Hospital in Montego Bay.

DISTINGUISHED VISITORS

Dr Michael Gayle, University of Florida, USA

Mr Kurk Lynn, Texan-Caribbean Foundation, USA

Mrs Margaret Bernal, Patron, UHWI/UWI, Department of Child Health, Jamaica

Dr Douglas Watson, University of Maryland, USA

Dr Ira Schwartz, Emory University School of Medicine, USA

Ms. Blanch Brown, Centres for Disease Control and Prevention, USA

Dr Ellen Coates, Centre for Human Services, USA

Dr Laura DiGilio, Merck Research Laboratories, USA

Dr Xiashuang (Shell) Li, Merck Research Laboratories, USA

Dr Humberto Reynales, Merck Research Laboratories, USA

Dr Kal Spratt, Johns Hopkins University, USA

Dr Neeraj Kak, Centre for Human Services, USA

Dr John A Bootes, May Day, Hospital, Birmingham, UK

Mrs Gina Aldis, Embryologist, Midland Fertility, Services, UK

Dr Melanie Lake, Embryologist, Midland Fertility Services, UK

Dr Paul Donnai, University of Manchester, UK.

Dr. Colin Ball, Guys & St. Thomas Hospital, England (UWI External Examiner)

Dr. Evelyn Jones, Cincinnati Children's Hospital and University of Cincinnati, USA

DEPARTMENT OF PATHOLOGY

Professor Barrie Hanchard MB, BS, FRCPC, FRCP *Edin*
– Head of Department

WORK OF THE DEPARTMENT

TEACHING

Undergraduate

The department continued to execute the teaching of Pathology as a combined course with the department of Microbiology under the revised curriculum of 1996. The course is divided into two sections; didactic lectures in general and systematic pathology in the first clinical year and clinical (laboratory) clerkship rotations in the second clinical year. The final combined Pathology and Microbiology examination is held at the end of the second clinical year.

In the April/May final examinations of 2001, 88 students sat the examination 78 of whom were successful. Six passed with honours and one was awarded a distinction.

Postgraduate

The postgraduate programme leading to the DM, UWI degree continued to operate at full capacity with 13 residents in various stages of training. Eight students were registered in the Anatomical Pathology programme and three in the Laboratory Haematology programme. Two students were registered in the Clinical Haematology programme, a combined residency with the department of Medicine.

In the April/May final examinations of 2001 all four candidates sitting the Anatomical Pathology examination were successful as was the one candidate sitting the Laboratory Haematology examination. These five graduates are expected to join the pool of consultant Pathologists/Haematologists in Jamaica and the rest of the Caribbean which still suffers from a shortage of trained professionals in this area.

Laboratory Services

The laboratory services were improved by the refurbishing of the Surgical Pathology and Cytology laboratories in Anatomical Pathology. In addition new items of equipment were installed, allowing for the efficient accession processing and reporting of specimens. Refurbishing of the Haematology and Chemical Pathology subdepartments is still pending but

the acquisition of new items of equipment for these laboratories served to expand the portfolio of routine and special tests. Notable among the special tests were those of endocrine function giving full support to the practice of clinical endocrinology as well as providing the laboratory basis for the In-Vitro Fertilization programme established by the Department of Obstetrics and Gynaecology and Child Health.

The acquisition of new equipment was complemented by a steady and adequate supply of reagents and supplies assuring the continuity of the laboratory services while providing the necessary infrastructure for the teaching of laboratory medicine.

Staff

The teaching capabilities of the staff were improved by the appointment of senior residents in the postgraduate programme as Teaching Assistants. These appointments not only recognized the contributions made by the residents to the undergraduate teaching programme during the laboratory clerkship but also expanded the pool of available tutors for small group teaching under the new curriculum, scheduled to begin in September 2001.

RESEARCH

The research output of the department was maintained at a high level in several spheres of activity and reflected a high level of interdepartmental collaboration. In Anatomical Pathology there were major contributions in cytology, autopsy pathology and breast pathology by Drs Escoffery and Shirley, in neuropathology by Dr. Char, in gastro-intestinal pathology by Dr. N. Williams, in renal pathology by Dr. Shah, in surgical pathology by Dr. Coard, in immunopathology by Dr. Elaine Williams and in cancer registration by Dr. Blake and Professor Hanchard. The staff in Haematology Drs. Wharfe, Brady-West, Buchner and Taylor-Houston maintained their interest in the areas of oncology and haemophilia; in Chemical Pathology Drs. Bennett and Choo-Kang concentrated on diseases of metabolism.

Special Projects

(a) HTLV-1

The HTLV-1 project entered the final year of a five year contract due for renewal in October 2001. This project, a collaborative effort between the department of Pathology and the National Cancer Institute/The National Institutes of Health in Bethesda, Maryland continued research into the natural history of HTLV-1 in Jamaica with emphasis on the pathological clinical and epidemiologic manifestations. Within the Faculty there were

collaborations with the present TMRI, the department of Medicine and the department of Obstetrics and Gynaecology and Child Health. It is expected that the new contract will place emphasis on the registration of cases of lymphoma and tropical spastic paraparesis (TSP) in the island and on the establishment of cohort groups that will be followed for possible disease outcomes.

Investigators (local)	Funding	Agency
Professor B. Hanchard (Principal)	US\$900,000	NCI/NIH
Dr. E. Williams Dr. N. Williams Dr. C. Escoffery Dr. G. Wharfe Prof. R. Wilks Dr. C. Rattray Prof. O. Morgan Dr. M. Samms-Vaughan Dr. A. East-Innis		Bethesda, USA

(b) The Jamaica Breast Disease Study

The Jamaica Breast disease study began in January 2000 as a collaborative study among the department of Pathology, the department of Surgery, Radiology Anesthesia and Intensive Care, and the Tropical Medicine Research Institute (TMRI), to examine various aspects of the natural history of benign and malignant disease of the breast in Jamaica, with special reference to pathological/cytological and radiological indices. It is expected that the molecular biological aspects will be added to the research protocol in the future.

Investigators	Funding	Agency
Dr. S. Shirley (Principal)		To be acquired
Dr. C. Escoffery Dr. E. Williams Dr. G. Wharfe Dr. D. Soares Dr. D. Mitchell Prof. R. Wilks		

(c) Prostate Cancer

This is a multicenter collaborative study involving the Department of Pathology and the TMRI, UWI, Loyola University, Chicago, USA, and the Universities of Lagos and Ibadan in Nigeria, aimed at evaluating several aspects of prostate cancer locally and internationally, particularly the genetic, dietary and pathological indices of disease.

Investigators (local)	Funding	Agency
Dr. F. Bennett	US\$100,000	US Department of Defence
Dr. K. Coard Dr. F. Tulloch Prof. T. Forrester Dr. W. Aiken	(3 years)	

(d) Cancer Registration

A UWI Research Fellowship supported the establishment of a cancer mortality registry in the Jamaica Cancer Registry. This has enabled the registry to obtain and analyze data from the Registrar General's department on cancer mortality in Jamaica. It is expected that with the establishment of this aspect of cancer registration the registry will not only be able to provide cancer incidence data but also correlative cancer mortality data.

Investigators	Funding	Agency
Prof. B. Hanchard	UWI Research Fellowship	UWI
Dr. G. Blake		

PAPERS PRESENTED

Members of the department participated in a number of local regional and international conferences and presented papers at some of these. Details of the presentations are as follows.

Shirley SE, Escoffery CT

- "The use of rapid Papanicolaou staining method in fine needle aspiration cytology of the breast at UHWI" 9th Annual Research Conference of the Faculty of Medical Sciences, October 2000 UWI.

Hanchard B

- “HTLV-1 infection in infancy and childhood” Biannual Conference of the Pediatric Association of Jamaica, March 2001, Kingston, Jamaica.
- “HTLV-1 infection in Adults” Annual Clinical Meeting of the Association of Consultant Physicians of Jamaica, April 2001, Mandeville, Jamaica
- “Cancer Incidence in the West Indies” 42th Annual Conference of Commonwealth Caribbean Health Research Council, April 2001, Kingston, Jamaica.

Coard KC

- “Prostate Cancer, a Pathologists view” Conference of the Association of Surgeons in Jamaica. May 2001, Kingston, Jamaica

Blake G

- “Gynecological Cancer Incidence rates in Jamaica” Annual Symposium of the Grabham Society of Obstetricians and Gynaecologists of Jamaica, July 2001 Kingston, Jamaica

Hisada M, Maloney E, Sawada T, Miley WJ, Palmer P, **Hanchard B**, Bigger RJ, Goedert JJ, Manns A.

- “Viral Markers Associated with Vertical Transmission of HumanT-Lymphotropic Virus Type I in Jamaica” 10th International Conference on Retrovirology: HTLV and Related viruses June 2001 Dublin, Ireland.

LaGrenade L, Maloney EM, Wilks R, Hisada M **Hanchard B**, **Cranston B** Jack N, Edwards J, Bartholomew C, Morgan O, Biggar R, Manns A.

- “HTLV-1 Infection in Family Members of Patients with ATL, TSP and ID: Results from the Jamaica and Trinidad Family Studies” 10th International Conference on Retrovirology HTLV and Related viruses June 2001 Dublin, Ireland.

Wilks R, **Braham J**, LaGrenade L, Morgan O, Miley WJ Bradley G, **Cranston B**, Manns A **Hanchard B**.

- “HTLV-1 Associated Diseases in Three Generations of a Jamaican Family” 10th International Conference on Human Retrovirology: HTLV and Related Viruses, June 2001 Dublin, Ireland.

PUBLICATIONS

Refereed

- * “Human T-cell lymphotropic virus-1 associated renal disease in Jamaica children” Miller MEY, **Shah DJ**, Barton EN Gray AHE, Yeates CB. *Pediatr. Nephrol* 16:51-56, 2001
- * “Severe Pulmonary Barotrauma” Reid-Nicholson MD, **Escoffery CT**. *West Indian Medical Journal* 2000; 49: 344-6
- * “The use of rapid Pananicolau staining method in fine needle aspiration cytology Hospital of the West Indies” **Escoffery CT, Shirley SE, Kay KK, Sutherland M, Gray J**. *West Indian Medical Journal* 2000; 49 (Suppl.4): 16 (Abstract)
- * “Autopsy Findings and Causes of Death in Sickle Cell Diseases”, **Escoffery CT, Shirley SE**, *Postgraduate Doctor* 2000; 437-446
- * “Fatal Head Trauma from tree related injuries” **Escoffery CT, Shirley SE** *Medicine, Science and Law* 2001; 41: 298- 300
- * “Medical Student’s Evaluation of their Pathology Clerkship Experience” **Coard KCM, Williams E**. *West Indian Medical Journal* 50: 78-80; 2001
- * “Clear Cell Sarcoma of Soft Parts, A Case Report and Review of the Literature” Reid-Nicholson **M, Williams, E. Brady-West D**. *West Indian Medical Journal* 50: 78-80; 2001
- * “Male Breast Cancer: An Analysis of four Case Report and Review of the Literature” **Gibson T, Brady-West D, Williams, E** *West Indian Medical Journal* 50, No. 2 165-168; 2001
- * “Complete non-puerperal uterine inversion as a result of a uterine sarcoma” Rattray CA, Parris CN, Chisholm G, **Coard KCM** *West Indian Medical Journal* 49: 245-247; 2000.
- * “Nodular fasciitis” **Coard KCM**. *West Indian Medical Journal* 50: 148-150, 2001.
- * “Salivary gland lesions: A Jamaican perspective” **Williams NP, Boyd DL, Choy L, Hanchard B**. *West Indian Medical Journal* 50:62-5, 2001
- * “Colonic lipomas at the University Hospital of the West Indies” Mitchell DIG, McDonald AH, **Williams NP, Royes CAR, Duncan ND, Hanchard B**. *West Indian Medical Journal* 50:144-7, 2001

- * “Age-specific incidence of cancer in Kingston and St. Andrew, Jamaica 1993-1997” **Blake G, Hanchard B, Wolff C, Samuels E, Simpson D, Ramjit C, Mitchell K.** *West Indian Medical Journal*, 50(2):123-129, 2001
- * “Standardized comparison of glucose tolerance in West African origin populations Rural/urban Cameroon, Jamaica and Caribbean migrants to Britain.” Mbanya JC, Cruickshank, JK, Forrester T, Balkau B, Ngogang JY, Riste L, Forhan A, McFarlane-Anderson N. **Bennett, FI**, Wilks R. *Diabetes Care* 22: 434-40 1999
- * “Blood Pressure is Related to Placental Volume and Birth Weight” Thame M, Osmond C, Wilks RJ, **Bennett FI**, Forrester TE. *Hypertension*, 35:662-667, 2000
- * “The effect of birth weight and postnatal linear growth retardation on blood pressure at age 11 – 12 years” Walker SP, Gaskin P, Powell CA, **Bennett FI**, Forrester TE, Grantham-McGregor S. *J. Epidemiol Community Health*, 55:294-398, 2001
- * “Trans-ethnic fine mapping of a quantitative trait locus for circulating angiotensin 1-converting enzyme” (ACE) McKenzie CA, Abecasis GR, Keavney B, Forrester T, Ratcliffe PJ, Julier C, Connell JMC, **Bennett FI** MCFarlane-Anderson N, Lathrop GM, Cardon LR *Human Molecular Genetics*, 2001; 10:1077-1084
- * “Retrospective audit of blood donation at a Hospital-based Blood Centre-Implications for blood product supply and safety” **Brady-West DC, Buchner LM** *West Indian Medical Journal*, 2000, 49 (3) 226-228
- * “The Combination of zidovudine and interferon alpha-2b in the treatment of adult T-cell leukemia/lymphoma” White JD, **Wharfe G**, Stewart DM, Maher VB, Eicher D, Herring B, Derby M, **Hanchard B, Cranston B** et al. *Leukemia & Lymphoma*, 40(3-4) 287-94, 2001
- * “False positive troponin I in a case of metastatic small cell bronchogenic carcinoma complicated by pulmonary thromboembolism” **Gibson TN, Hanchard B.** *West Indian Medical Journal* 50(2):171-172; 2001

AWARDS

Vice Chancellor's Award for Excellence

Professor Hanchard was presented with the Vice Chancellors award for excellence (research category) in November 2000.

UWI Research Fellowship

Professor Hanchard received a UWI research fellowship for 2000/2001 in order to establish a cancer mortality registry in the Jamaica Cancer Registry.

PUBLIC SERVICE

The members of staff in Anatomical Pathology continued to volunteer their services in Cytopathology to the Jamaica Cancer Society, in support to their cervical cancer and breast cancer screening programmes. Professor Hanchard also serves as a member of the Board of Directors of the Jamaica Cancer Society.

DISTINGUISHED VISITORS

Dr. John Parker-Williams, St. George's Hospital, London

Professor David Lowe, St. Bartholomew's Hospital, London

Professor Robert Riddell, McMaster University, Hamilton Ontario

Dr. James Goedert, NCI/NIH, Bethesda, Maryland

Dr. Michie Hisada, NCI/NIH, Bethesda, Maryland

Dr. Elizabeth Maloney, NCI/NIH, Bethesda, Maryland

DEPARTMENT OF SURGERY, RADIOLOGY, ANAESTHESIA & INTENSIVE CARE

Professor Peter Fletcher, MB BS Lond-UCWI, FRCSEd, FACS
– Head of Department

WORK OF THE DEPARTMENT

The main preoccupation of Faculty and Department during the year was with curriculum development and General Medical Council accreditation.

Professor Michael Branday chaired the Curriculum Committee which developed the Basic Science curriculum leading to the new **Batchelor's degree in Medical Sciences (B Med Sci)**, and which will be offered starting in September 2001. Various members of the Department participated in the meetings and workshops which developed this new degree.

Professors Peter Fletcher and **Michael Branday** were members of the Dean's Committee that collated the information required for a General Medical Council visit.

Dr Ivor Crandon and **Professor Paul Steinbock**, University of British Columbia, performed the first neuroendoscopic intracranial procedure in the Caribbean in November 2000. In addition, a neurosurgical stereotactic system was commissioned in June 2001, the first of its kind in Jamaica.

Dr Michael Fabrizio, Assistant Professor of Urology, Eastern Virginia Medical School, in association with **Dr W Aiken**, performed the first laparoscopic nephrectomy in Jamaica at UHWI

Professor Richard Perryman and his team from Caribbean Heart Menders Inc. performed paediatric open heart procedures at UHWI

The Department participated in the first American College of Surgeons Advanced Trauma Life Support (ATLS) course conducted in Jamaica in May 2001.

The Annual Departmental Retreat was held in July 2001.

Conferences/Workshops Organised

1st DM Surgery (UWI) Outreach Conference. Grenada. November 2000

Jamaica Orthopaedic Association 6th Annual Symposium. Kingston, January 2001.

Curriculum Development Workshop, Faculty of Medical Sciences, Mona, February 2001.

2nd Endoscopic Sinus Workshop. UWI, Mona, January 2001.

Jamaica Urological Society Annual Symposium. Kingston, February 2001

Jamaica Emergency Medicine Residents Conference. Kingston, March 2001.

Anaesthetic Resident's Symposium 2001. "Affairs of the Heart: The Cardiac Patient." UWI, April 2001

UHWI Drug and Therapeutic Committee Symposium. "Pain Management: a Multidiscipline Approach." UHWI, April 2001

Departmental Annual Clinical Research Meeting, UWI, May 2001.

Gifts/Benefactions

\$1,032,350.95 to Accident & Emergency Unit from ScotiaBank Jamaica Foundation

\$28,500.00 to Neurosurgical Service from Mr Roger Robotham

\$20,000.00 to Neurosurgical Service from Smoker 2000

\$30,000.00 to Clinical Research Meeting from Manufacturers Merchant Bank

\$30,000.00 to Clinical Research Meeting from Johnson & Johnson

\$30,000.00 to Clinical Research Meeting from Apotex International Inc.

\$30,000.00 to Clinical Research Meeting from National Commercial Bank

\$50,000.00 to Anaesthesia & Intensive Care from The Woman's Club

\$22,821.76 to Anaesthesia & Intensive Care from the Barrington Miller family

\$5,000.00 to Anaesthesia & Intensive Care from HD Hopwood

\$5,000.00	to Anaesthesia & Intensive Care from Jamaica Anaesthetists Association
\$15,725.00	to Anaesthesia & Intensive Care from Hope United Church.

Donations

\$192,451.12 for Sponsorship/Assistance of Residents
 \$20,500.00 for Sponsorship /Assistance of Nurses
 \$264,669.37 for Staff Welfare

RESEARCH IN PROGRESS

Trauma: This continues to be the main focus of Departmental research which involves all the sections. Data from some 3640 patients have been collected for our Trauma Registry since its inception in January 1998, and 23 papers/presentations have resulted so far from the information. An additional 6 papers have recently been submitted.

Breast Disease: The Department is taking part in a cooperative study of diseases of the breast with the Department of Pathology and the Cancer Registry of Jamaica. This is being assisted by a grant of J\$120,000 from the Research and Publication Committee.

Colorectal Cancer: A retrospective review of colorectal cancer patients at the UHWI has resulted in a number of presentations locally and regionally. A prospective study, based on the analysis of the review, has been completed and data are being analysed. The Department is now collaborating with the Departments of Pathology and Medicine, and the Cancer Registry in a more comprehensive study of this disease.

Prostate Cancer: The Division of Urology has embarked on a multinational collaborative effort under the auspices of the TMRI and its chronic disease network involving Loyola University, the UWI and Nigeria, looking at prostate cancer in the African diaspora. The results of this study, funded by the US Department of Defense, should shed light on the role of ethnicity versus environment (specifically dietary influences) in the genesis and severity of prostate cancer amongst persons of African descent.

Surgical Operations Database: This database, which was established in 1990, continues to collect information prospectively. It remains a resource for identifying areas for study through analysis of numbers and types of operations, and of patient information.

Tracking System: Dr J Michael Branday received a grant of J\$25,000.00 from the Research and Publication Camp Fund to undertake

a project entitled “Data Base Tracking System for the Faculty of Medical Sciences.” A part of this project involves psychosocial evaluation of medical students in regard to motivation, fears, and concerns.

Cardiothoracic: Dr Paul Ramphal developed a very innovative cardiac surgical simulator during his study leave which has great potential for skills training for surgical residents. An island-wide survey is being undertaken to determine the prevalence of heart disease in Jamaica. Evaluation of the use of cardiomyoplasty to assist the failing heart.

Orthopaedics: Joint project with University of Ottawa, Canada, and Department of Pathology, UWI, Mona, on pathogenesis of digital tenovaginitis stenosans (‘trigger’ finger). Collaborative project with Division of Orthopaedics, St Augustine, Trinidad, on calcaneal fractures.

Radiology: Collaborative study with TMRU on fatty liver in protein-energy malnutrition in children.

Anaesthesia & Intensive Care: Several studies are in progress on pain relief in surgical and obstetric patients. Continuing work on sepsis in the Intensive Care Unit

PAPERS PRESENTED

- “Modern Head Injury Management.” **IW Crandon**. Guest Lecture, Princess Margaret Hospital, Nassau, Bahamas. September 2000
- Urinary tract stones at UHWI: a retrospective analysis. Poster. **W Aiken**, F Bennett. 9th Annual Research Conference, Faculty of Medical Sciences, Mona. November 2000.
- Bicycle spoke injuries – an unnecessary childhood injury? Poster. **R Dixon, K Vaughan**. 9th Annual Research Conference, Faculty of Medical Sciences, Mona. November 2000.
- “Colorectal Cancer.” Dr **Michael McFarlane**, UWI. Surgical Grand Rounds Lecture. November 2000
- “Treatment of Spasticity.” **Professor Paul Steinbock**, University of British Columbia. Surgical CPC, Faculty of Medical Sciences, Mona. November 2000
- “Neuroendoscopy.” **Professor Paul Steinbock**, University of British Columbia. Surgical Grand Rounds Lecture. November 2000
- “Adult Respiratory Distress Syndrome.” **A Barnett**. Surgical Grand Rounds Lecture. November 2000

- “Recurrent Mitral Stenosis – Operable?” **H Spencer**. Annual Scientific Meeting, Hospital Paedtico Universitario William Soler, Cuba, November 2000.
- “The Diabetic Foot.” **Professor Gordon Hunter**, University of Toronto. Surgical Grand Rounds Lecture. December 2000.
- “Modern Approaches to the Imaging of Strokes and Peripheral Nerves.” **Dr Brian Bowen**, University of Miami/Jackson Memorial Hospital. Surgical Grand Rounds Lecture. December 2000.
- “Diagnostic Imaging of Spinal Tumour.” **W West**. Jamaican Orthopaedic Association 6th Annual Symposium. Kingston, January 2001
- “Defining the Source of Back Pain.” **I Crandon**. Jamaican Orthopaedic Association 6th Annual Symposium. Kingston, January 2001.
- “Non-accidental Injury in Children: Neuroimaging and Mechanism of Injury.” **Dr Norman McConachie**, Queen’s Medical Centre, Nottingham. Surgical Grand Rounds Lecture. January 2001
- “Fracture of the Hip.” **Dr John Bodden**. Florida. Surgical Grand Rounds Lecture. January 2001
- “Diagnosis of the Acute Scrotum.” **Professor Edwin Smith**, Emory University, Atlanta. Surgical Grand Rounds Lecture. March 2001.
- “The Trouble with Antibiotic Resistance.” **Dr David Livermore**. London, England. Surgical Grand Rounds Lecture. March 2001.
- “Acute Renal Failure.” **Prof Everard Barton**. UWI. Surgical Grand Rounds Lecture. March 2001.
- “Graduate Surgical Training at the University of the West Indies.” **DR DuQuesnay**. Joint Meeting of the Royal College of Surgeons of England and Surgeons in the Caribbean. Barbados, March 2001.
- “The North American Influence on Surgical Education in the Caribbean.” **P Fletcher**. Joint Meeting of the Royal College of Surgeons of England and Surgeons in the Caribbean. Barbados, March 2001
- “Substance Abuse in Injured Patients.” **AH McDonald**. Joint Meeting of the Royal College of Surgeons of England and Surgeons in the Caribbean. Barbados, March 2001.

- “Surgical Treatment of Myasthenia Gravis.” **P Ramphal**. Joint Meeting of the Royal College of Surgeons of England and Surgeons in the Caribbean. Barbados, March 2001
- “Asthma at the UHWI.” **S French**. Jamaica Emergency Medicine Residents Conference. Kingston, March 2001.
- “Trauma Care in Jamaica.” **A McDonald**. Jamaica Emergency Medicine Residents Conference. Kingston, March 2001.
- “Evaluation of Abdominal Trauma: Making the Diagnosis.” **J East**. Jamaica Emergency Medicine Residents Conference. Kingston, March 2001.
- “Head Injury Management in the Emergency Room.” **I Crandon**. Jamaica Emergency Medicine Residents Conference. Kingston, March 2001.
- “Wound Healing and care in the Infected Diabetic Foot.” **T McCartney**. 7th Annual International Diabetes Conference. Ocho Rios, March 2001
- “Experience in Lower Extremity Microsurgery and Affairs of the Heart.” **Professor Milton Armstrong**. University of Miami School of Medicine. Surgical Grand Rounds Lecture, April 2001.
- “Lower Extremity Occlusive Vascular Disease.” **Dr Brian Donalson**. Harlem Hospital Centre, New York, Florida. Surgical Grand Rounds Lecture, April 2001.
- “Aortic Valve Surgery.” **Professor Richard Perryman**. Joe DiMaggio Childrens Hospital, Florida. Surgical Grand Rounds Lecture, April 2001
- “Post-op pain relief on the orthopaedics ward, is it adequate?” **R Dixon, K Vaughan**. UHWI Drug and Therapeutic Committee Symposium. “Pain Management: a Multidiscipline Approach.” UHWI, April 2001
- “Clinical Comparison of the Morbidity Associated with Cholecystectomy in adults and children with homozygous Sickle Cell Disease.” **N Duncan, AI Smith, AH McDonald, DIG Mitchell**. 46th Annual CHRC Meeting, Kingston, April 2001.
- “Outcome of evacuated acute traumatic intracranial masses (EATIM Study).” **CAR Bruce**, AGA Jackson, **IW Crandon**. 46th Annual CHRC Meeting, Kingston, April 2001.

- Splenectomy Performance in Sickle Cell Disease. Poster. **ND Duncan, AI Smith, G Badal, B Brown, C Ramsaran.** 46th Annual CHRC Meeting, Kingston, April 2001.
- Neonatal Plastibell Circumcision: a preliminary report. Poster. **ND Duncan, AI Smith, G Badal, B Brown, C Ramsaran.** 46th Annual CHRC Meeting, Kingston, April 2001.
- “Prostate Cancer: the Urologist’s View.” **T Tulloch.** Association of Surgeons in Jamaica Annual Clinical Conference. Kingston, May 2001.
- “Laparoscopic Gall Bladder Surgery in Jamaica.” **DIG Mitchell.** Association of Surgeons in Jamaica Annual Clinical Conference. Kingston, May 2001.
- “A Ten Year Review of Oesophageal Cancer.” **R Irvine.** Association of Surgeons in Jamaica Annual Clinical Conference. Kingston, May 2001.
- “Soft Tissue Cover of Open Tibial Fractures.” **Dr Richard Milner,** University of Newcastle, England. Surgical Grand Rounds Lecture. May 2001.
- “Regional Anaesthesia: How Far Has It Come?” **Dr Annette Crawford-Sykes.** UWI. Surgical Grand Rounds Lecture. May 2001.
- “Severe Head Injury Assessment and Management.” **IW Crandon.** Medical Association of Jamaica Annual Symposium. Kingston, June 2001.

The following seven presentations were made at the 1st DM Surgery (UWI) Outreach Conference, Grenada, November 2000.

- “Current Management of Ureteric Stones.” **W Aiken.**
- “New Techniques in Inguinal Hernia Repair.” **P Bhoorasingh.**
- “The Management of Colorectal Cancer.” **J East.**
- “Infected Diabetic Foot Problem.” **I Titus.**
- “Update in Nasopharyngeal Carcinoma.” **H Ashman.**
- “Hand Infections.” **A Mansingh.**
- “High Risk Coronary Surgery.” **P Ramphal.**

The following presentations were made at the Department of Surgery, Radiology, Anaesthesia & Intensive Care Clinical Research Meeting. UWI, Mona. May 2001

- “Paravertebral Blockade for Breast Surgery: Initial Experience at UHWI.” **A Crawford-Sykes, D Chin, et al.**
- “Fractures in Children.” **K Jones, K Vaughan.**
- “Graduate Surgical Training at UWI.” **DR DuQuesnay.**
- “Modified Mesh Repair for Ventral Hernias.” **J East.**
- “Fracture of the Penis.” **W Aiken, L Johnson, et al.**
- “Age as a Predictor of Mammographic Density in Jamaican Women.” **D Soares, M James, et al.**
- “NPO – The Current Status.” **M Scarlett.**
- “Results of Using the Ilizarov Technique.” **REC Rose.**
- “Soft Tissue Tumours.” **G Arscott et al.**
- CXR in Unresolving Asthmatic Attacks. Poster. **W West, L Bridgewater, et al.**
- Utilization of A&E Resources by Asthmatics. Poster. **S French, A McDonald, et al.**
- Colorectal Tumours. Poster. **M McFarlane, A Rhoden, et al.**
- The New Medical Curriculum: 2001. Poster. **JM Branday et al.**
- GA vs SA for Deliveries at UHWI. Poster. **A Crawford-Sykes.**
- Complex Regional Pain Syndrome Type II. Poster. **K Ehikhametalor, M Nelson, et al.**

PUBLICATIONS

Refereed

- * Brain Abscess at the University Hospital of the West Indies. **G Donaldson, D Webster, I Crandon.** *WI Med J* 2000;49, 212
- * Spinal Injuries at the University Hospital of the West Indies. **CAR Bruce, G Donaldson, W Palmer, IW Crandon.** *WI Med J* 2000; 49, 216

- * Chronic Relapsing Pancreatitis in a child – Use of the Puestow Procedure to Achieve Ductal Drainage. **ND Duncan, A McDonald, M James, B Brown, DIG Mitchell.** *WI Med J* 2000; 49, 242-244.
- * Surgery for Patent Ductus Arteriosus: Still the Gold Standard. **PS Ramphal, R Irvine, HS Spencer.** *WI Med J* 2000; 49: 294-297
- * Cholecystectomy in Jamaican children with acute homozygous sickle-cell disease. **ND Duncan, AH McDonald, DIG Mitchell.** *Tropical Doctor* 2000; 30: 214-216.
- * Villous tumour of the duodenum: Report of a case and review of the literature. **MEC McFarlane.** *J Hepatic Biliary Pancreas Surg* 2000; 8: 107-9
- * Colonic lipomas at the UHWI. **DIG Mitchell, AH McDonald, NP Williams, CA Royes, ND Duncan, B Hanchard.** *WI Med J* 2001; 50: 144-47.
- * Patient's desire for Peri-operative Information: Jamaican Attitudes. **AM Crawford-Sykes, IR Hambleton.** *WI Med J* 2001; 50: 159-63.

Abstracts

- * Urinary tract stones at UHWI: a retrospective analysis. **W Aiken, F Bennett.** *WI Med J* 2000; 49 (Suppl 4): 21
- * Bicycle spoke injuries – an unnecessary childhood injury. **K Vaughan.** *WI Med J* 2000; 49 (Suppl 4): 21
- * Clinical Comparison of the Morbidity Associated with Cholecystectomy in adults and children with homozygous Sickle Cell Disease. **N Duncan, AI Smith, AH McDonald, DIG Mitchell.** *WI Med J* 2001; 50(Suppl 2): 45
- * Outcome of evacuated acute traumatic intracranial masses (EATIM Study). **CAR Bruce, AGA Jackson, IW Crandon.** *WI Med J* 2001; 50(Suppl 2): 45
- * Splenectomy Performance in Sickle Cell Disease. Poster. **ND Duncan, AI Smith, G Badal, B Brown, C Ramsaran.** *WI Med J* 2001; 50(Suppl 2): 59
- * Neonatal Plastibell Circumcision: a preliminary report. Poster. **ND Duncan, AI Smith, G Badal, Brown, C Ramsaran.** *WI Med J* 2001; 50(Suppl 2): 62

- * Wound Healing and care in the Infected Diabetic Foot. **T McCartney**. *WI Med J* 2001; 50 (Suppl 1): 27-8

Non-Refereed

- * Basic Practical Urology. **L Lawson Douglas**. Canoe Press, 2001.
- * CME: Images and Diagnoses. **WM West**, M Fitz-Henley. *WI Med J* 2001; 50: 164.

PUBLIC SERVICE

Dr William Aiken

- Secretary, Association of Surgeons in Jamaica
- Secretary, Jamaica Urological Society

Dr Lilieth Bridgewater

- Member, FMS Staff/Student Liaison Committee
- Secretary, Jamaica Association of Radiologists

Professor Michael Branday

- Chairman, Curriculum Committee, FMS, Mona
- Member, Assessment & Promotions Committee, FMS, Mona
- Member, Staff/Student Liaison Committee, FMS, Mona
- Faculty Representative, Academic Quality Assurance Committee, UWI, Mona
- Teaching Skills Tutor, Instructional Development Unit, UWI, Mona
- Academic Board Representative, Board for Undergraduate Studies
- Treasurer, Jamaica Chapter, American College of Surgeons

Dr Ivor Crandon

- Supervisor, DM Surgery (Neurosurgery) programme

Dr Annette Crawford-Sykes

- Member, Staff/Student Liaison Committee, FMS, Mona

Dr Newton Duncan

- Supervisor, DM Surgery (Paediatric Surgery) programme

Dr Ronald DuQuesnay

- President, Association of Surgeons in Jamaica

- Secretary, Jamaica Chapter, International College of Surgeons
- Secretary, Caribbean College of Surgeons

Professor Peter Fletcher

- Chair, Security Subcommittee, F&GPC, UWI, Mona
- Member, UWI/UHWI Ethics Committee
- Member, Editorial Board, West Indian Medical Journal
- Chair, Accident & Emergency Advisory Committee, UHWI
- Director, UHWI Private Wing Ltd. (Tony Thwaites Wing)
- Member, Board of Directors, Jamaica Fire Brigade
- Member, Board of Trustees, Health Support Fund, Ministry of Health
- Medical Advisor, West Indies Cricket Board.

Dr Archibald McDonald

- Chairman, ScotiaBank Accident & Emergency Advisory Committee, UHWI
- Member, UWI/UHWI Ethics Committee
- Director, Mancare Medical Centre Ltd.
- Treasurer, Association of Surgeons in Jamaica

Dr Michael McFarlane

- Secretary, Jamaica Chapter, American College of Surgeons
- Consultant, Jamaica Cancer Society Breast Clinic
- Member, Board of Management, Jamaica Cancer Society
- Consultant, Jamaica Cancer Society

Dr Derek Mitchell

- Member, Advisory Committee, HD Hopwood Computer Center
- Member, Patient Information Management System, UHWI

Dr Maria Nelson

- Member, Staff/Student Liaison Committee, FMS, Mona

Dr Paul Ramphal

- Faculty, Acute Cardiac Life Support Course, Ministry of Health

Dr Christopher Rose

- Vice President, Jamaica Association of Sports Medicine
- Consultant, National Sports Medicine Clinic

Dr Marinna Scarlett

- President, Jamaica Anaesthetists Association

Dr Hal Shaw

- President, Caribbean Association of Otolaryngologists

Professor Howard Spencer

- Governor-at-Large, American College of Surgeons
- President, Jamaica Chapter, American College of Surgeons
- Director, Jamaica Foundation for Cardiac Disease
- Council Member, Caribbean Cardiac Society
- Chairman, Board of Management, Mona Institute of Medical Sciences.
- Regional Representative, International Society of Cardiothoracic Surgeons

Dr Wayne West

- Member, Curriculum Committee, FMS, Mona

CATEGORIES OF STUDENTS**Undergraduate Students**

269 medical undergraduates rotated through the Department during the year. Four of 6 were successful in the MB BS Stage II Part IV repeat examination in November/December 2000, and 75 of 87 were successful in the May/June 2001 examination.

Graduate Students

There were 81 graduate students (residents) registered in the DM programmes of the Department; 56 in DM Surgery (23 DM Part I, 8 DM General Surgery, 7 DM Orthopaedics, 6 DM Otolaryngology, 3 DM Urology, 5 DM Neurosurgery, 1 DM Cardiothoracic, 3 DM Paediatric Surgery), 9 in DM Radiology, 16 in DM Anaesthesia & Intensive Care, and 16 in DM Emergency Medicine.

Eight students graduated from the DM Surgery programmes, 3 in General Surgery, 1 in Orthopaedic Surgery, 1 in Neurosurgery, 3 in Emergency Medicine, 4 in Radiology, and 2 in Anaesthesia & Intensive Care.

DISTINGUISHED VISITORS

Professor Paul Steinbock, University of British Columbia

Professor Gordon Hunter, University of Toronto

Dr Brian Bowen, University of Miami/Jackson Memorial Hospital

Dr Norman McConachie, Queen's Medical Centre, Nottingham.

Dr John Bodden, Florida

Professor Edwin Smith, Emory University

Professor Milton Armstrong, University of Miami School of Medicine.

Professor Richard Perryman, Joe DiMaggio Childrens Hospital, Florida

Professor Brian Donaldson, Columbia University College of Physicians and Surgeons, New York

Dr Richard Milner, University of Newcastle, England

Professor Julius Stoller, University of British Columbia

Professor Harry Delany, Albert Einstein College of Medicine, New York

Dr Jane Fothergill, St Mary's Hospital, London

Professor Lenworth Jacobs, University of Connecticut Medical School

Professor Jameel Ali, University of Toronto.

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Dr Richard Milner, University of Newcastle, England

Professor Julius Stoller, University of British Columbia

Professor Harry Delany, Albert Einstein College of Medicine, New York

Dr Jane Fothergill, St Mary's Hospital, London

Professor Lenworth Jacobs, University of Connecticut Medical School

Professor Jameel Ali, University of Toronto.

**FACULTY OF PURE
AND APPLIED SCIENCES
MONA**

Year ending July 31, 2001



Professor Ronald E. Young, BSc, MSc *UWI*, PhD *St. And.* – Dean



**Awards Ceremony,
FPAS: Dr Dale
Webber (Sub-Dean),
Prof. R.E. Young
(Dean), Mr. Martin
Henry, (Keynote
Speaker) & Mrs.
Pansy Young.**

**Opening of Biennial,
FPAS Research
Conference. L-R:
Principal PVC Hall,
PVC Morrison & Dr.
Ralph Robinson,
Conference Chairman
& Head, Department
of Life Sciences**



**Opening of the Unit
Operations Teaching
Laboratory. L-R: Past Dean
Prof. Kenneth Magnus,
Immediate Past Dean Dr.
Neville McMorris .**

DEAN'S OVERVIEW

INTRODUCTION

At the end of the year 1999/2000, **Dr. M. Neville McMorris** retired after serving as Dean since 1993/94. Dr. McMorris' first major contribution to the Faculty as Dean was starting and establishing the Faculty's biennial Research Conferences in May 1994. This Conference has helped to give the Faculty and its research a higher profile. He also established a number of committees to look into issues pertinent to the Faculty such as our teaching and research programmes and assessment procedures. In 1996 when under new governance the Faculty's name was changed from Natural Sciences to Pure and Applied Sciences and several Departments were merged, Dr. McMorris was at the helm of that ship. In addition, three new research facilities, **The Mona Institute of Applied Sciences (MIAS)**, the **Natural Products Institute (NPI)** and the **Tanaud Research Unit** in the Department of Chemistry, were established and a Memorandum of Understanding between the Faculty of Pure and Applied Sciences and the Scientific Research Council was signed, during his term of office. The Faculty will miss his clear, committed and objective guidance and wishes him well in his new endeavours. We look forward to a continuing association with this eminent member of the University community.

HIGHLIGHTS OF THE ACADEMIC YEAR

Major efforts were made during the course of the year to see to the development of the Mona Institute of Applied Science and the Natural Products Institute, both affiliates of the Faculty with a mandate to serve as a link between the Faculty's academic activities/capacities and business/commercial enterprise. A colloquium between the Faculty and the business community and the official launch of the MIAS are planned for early in the next academic year. Through these and other developments the Faculty seeks to embrace and develop the changing nature of the relationship between the academy and the community which supports its activities.

Undergraduate

The new majors in *Pest Management & Plant Protection* and *Environmental Biology* introduced by the Department of Life Sciences are doing well. There was less interest than expected in the new *Microbiology* option being offered collaboratively between the Department of Life Sciences and the Biochemistry Section, Department of Basic Medical Sciences. Two new courses in *Database Systems* and *Cryptography* were introduced in the Department of Mathematics & Computer Science. The Department of Physics revamped its Level 2 & 3 courses, converting them largely into 4 credit modules, in order to increase flexibility of choice for their students.

A new *Science with Media & Communications* course was drafted by the Department of Life Sciences and CARIMAC, but this has yet to be fully approved and inaugurated.

To broaden the range of choices open to its students, the Faculty agreed for the first time, to offer specified minors and these were defined for all departments. The Faculty although not being fundamentally opposed to the idea, decided not to introduce at this time Joint Majors across Faculties. It was felt that this niche was filled for the moment by the cross-faculty Options, which it was deemed, offered greater security for the students involved.

At the annual Awards Ceremony in March, Martin Henry, journalist gave the keynote address and, based on performance, some 28 students received scholarships and bursaries, 18 received various departmental prizes and awards, and 13 were given letters of commendation from the Dean.

Total FPAS registration for 2000/2001 was 1190 (947 full-time + 181 part-time + 62 exams only/challenge). The registration by courses in the various teaching departments is summarised in the Table I below, which presents the mean number enrolled per course by department.

TABLE I
Registration by Course in Departments of the Faculty (2000/2002)

Department	No. of Courses	Enrolment	Mean No./Course
Chemistry	26	1299	50.0
Life Sciences	41	1650	40.2
Physics	12	538	44.8
Math & Comp Science	44	2390	54.3
Geography & Geology	37	945	25.5
TOTAL	160	6822	42.6

Graduate and Other Training

The first batch of 20 students graduated from the EU-funded *MSc in the Natural Resource Management* in November. The new *MSc in Biostatistics* offered jointly by the TMRI, Department of Mathematics & Computer Science, and the Medical University of South Carolina, with support from the NIH (USA), started with two students, and one staff member receiving training. The process of seeking funds for the University-wide MSc in Tropical Environmental Management having bogged down, the Department of Life Sciences is preparing to offer its contribution to that programme, independently as a component of an MSc in Environmental Biology.

The Better Process Control School run by the Department of Chemistry became the only non-USA institution approved by the US-FDA to grant independent certification to the participants in its training programme for personnel involved in the canning and bottling industries. Thirty-five graduates completed the course in January this year.

A training course in *Asbestos Sampling & Analysis* was run in the Department of Chemistry in February and the collaboration continues, between the Chemistry Department, the Joint Confederation of Trades Unions (JCTU) and several business organizations, to enhance occupational health of workers and general environmental health and related regulations.

The numbers of graduate students registered in the MSc and MPhil programmes have risen steadily, while those in the PhD programme have remained quite stable. This is shown in Table II below.

TABLE II
Graduate Students Registered in the Faculty

	1998/99	1999/00	2000/01
MSc	50	86	96
MPhil	146	157	169
PhD	35	40	37

EQUIPMENT/PLANT

The new **Unit Operations Teaching Laboratory** donated by Chemistry Department alumni and other contributors, was finally opened, after several setbacks. This will provide much needed space for the operation of the applied chemistry and food chemistry groups.

The Department of Chemistry acquired two costly and related pieces of equipment which will considerably enhance its attractiveness to chemists working at the cutting edge of the discipline. These are a 500 MHz NMR spectrometer and a Liquid Nitrogen Generator. Estimates of service costs for these and other major items to be acquired soon, are as follows (US\$):

500 MHz NMR	–	\$15,000 to \$20,000
GC/MS	–	\$10,000
LC/MS	–	\$10,000
Liquid Nitrogen Plant	–	\$5,000

Service cost for existing instruments is about \$30,000.00.

The Port Royal Marine Laboratory replaced its ailing wooden pier with a new cement dock, and the Department of Life Sciences acquired a new Mitsubishi L200 4x4 twin-cab pick-up via the Board for Graduate Studies & Research.

As a result of a visit to India in November/December 2000, by the Dean and Dr. Ajai Mansingh, the Executive Director of the NPI, the Indian government has promised to assist the faculty in setting up a toxicology laboratory to help to carry forward the mission of the NPI.

A major concern continues to be the development of a clear and sustainable plan for maintenance, depreciation and replacement of equipment/plant.

WORKSHOPS & CONFERENCES

The Faculty of Pure & Applied Sciences **Fifth Biennial Research Conference** in January attracted 103 papers, with participants coming from all Campuses. The Public Forum brought together professionals from the public and private sectors, scientists and media, to discuss “*UWI’s Science Enterprise: Accomplishments and Challenges*.” The Department of Chemistry hosted a workshop on Metrology in collaboration with the Bureau of Standards. The Department of Mathematics & Computer Science co-hosted the National Conference for Mathematics Teachers; and the Physics Department hosted the Caribbean Climate Data Workshop, run in collaboration with WMO, NOAA-OGF and NASA, and involving some 18 Caribbean Met services.

GRANTS

The departments were able to bring in some thirty internal plus external grants, totalling over thirty million Jamaican dollars in all (Table III).

TABLE III

Department No Grants	Internal (J\$ eqlt)		No. Grants	External
Geography & Geology	\$ 460,000	1	\$ 2,622,000	2
Physics	—	—	\$ 1,196,000	1
Chemistry	\$1,697,032	3	\$ 8,436,500	5
Life Sciences	\$ 930,120	4	\$ 1,760,990*	4*
Biotechnology	\$ 46,000	1	\$ 2,231,000	1
Centre Marine Science (CMS)	—	—	\$10,734,628	8
TOTAL	\$3,133,152	9	\$26,981,118	21

*Consultancies/Contracts

PUBLICATIONS

The Departments have been more focussed upon conference presentations (abstracts) than upon full publications but in neither case has the output, generally, been exemplary (Table IV).

TABLE IV

Department	No. Staff	Refereed Publications	Non-Refereed Publications	Conference Presentations
Chemistry	22	24	—	10
Geog & Geology	13	3	4	22
Life Science	20	4	6	21
Physics	14	2	—	10
Math & Comp Sci	16	8	—	3
Biotechnology	4	1	—	4
CMS	2	—	—	11
TOTAL	91	42	10	81

This analysis points to the outstanding performance of the Chemistry Department and suggests that our Centres have not been notably productive in terms of publications. Differences in academic staff complement should be taken into account, although Centre personnel have fewer undergraduate teaching responsibilities. It should be noted that the Centres have been relatively successful, on a per capita basis, at bringing in grants. The overall picture certainly could be improved.

CONCLUSIONS

The Faculty has had a quite successful year in terms of obtaining grants for research and related studies. Our efforts to reach out to the national and regional communities which support the University are beginning to gain momentum. With increasing investment in upgrading research facilities however, we need to see increased output of refereed publications in good international Journals, which will help to enhance the reputation of the University in international professional circles. We also need to develop mechanisms for maintaining current, and replacing obsolescent equipment so as to sustain our competitiveness. If these aims are successfully achieved, they will help in more easily recruiting better staff and in mounting more attractive graduate and undergraduate courses, and so allow us to compete more effectively in attracting students locally and internationally.

DEPARTMENT OF CHEMISTRY

Professor Tara P. Dasgupta, BSc Calc, MSc Bihar, DPhil Calc. FRSC
– Head of Department

INTRODUCTION

The Department continued to play a pivotal role in the development of teaching and research programmes in the Faculty. Although there is a trend in the decreasing undergraduate student enrolment in the Faculty there is no apparent trend in the enrolment in Chemistry (see the Table below). The enrolment of students for graduate studies in the Department remained unchanged. The research facility in the Department was enhanced by the procurement of two new instruments -500 MHz Nuclear Magnetic Resonance (NMR) spectrometer and Liquid Nitrogen Generator.

The highlight of the year's activities were two special events. The new building for the Unit Operation teaching laboratory which was under construction was officially opened on April 6, 2001. However, the teaching programme in this new laboratory started from February, 2001 as scheduled.

The second event was the hosting of “**Better Process Control School**” (BPCS) from January 8-12, 2001. The course had thirty five participants including five from the Eastern Caribbean. Certificates of Satisfactory Completion were offered to candidates who had successfully completed the certifying subjects and who were subsequently approved by the United States Food and Drug Administration (US FDA). Currently, the UWI is the only non-North American institution which is approved by the US FDA to certify participants of a BPCS.

The Department conducted a **Training Course in Asbestos Sampling and Analysis** from February 19-22, 2001. The seminar was sponsored jointly by the Ministry of Health, Pan American Health Organisation (PHO) and the National Environment and Planning Agency (NEPA). There were twenty-five participants in the course from both the private and public sectors.

STUDENT ENROLMENT

LEVEL	1998/99	1999/2000	2000/2001
Preliminary	140	188	135
Introductory	237	247	203
Advanced	1140	864	896

STAFF MATTERS

Dr. Laszlo Szentpaly resigned from his post of Senior Lecturer in Physical Chemistry to take up a post in Germany.

Professor Ishenkumba Kahwa, Dr. Helen Jacobs and Dr. H. Anthony Ellis were granted sabbatical leave.

Mr. Howard Reid was appointed as Teaching Assistant for one year to replace Professor Kahwa

Dr. Nazim Mohamed was appointed as a lecturer in Organic Chemistry for one year to replace Dr. Helen Jacobs.

Dr. James Smith was appointed as an Assistant Lecturer for one year to replace Dr. Ellis.

Dr. Romola Rodrigues was appointed as a Teaching Assistant for one semester to assist in our teaching programme.

ATTENDANCE AT CONFERENCES

Professor Tara Dasgupta attended the CARISCIENCE annual meeting held in Georgetown, Guyana and delivered a lecture entitled "Recent Developments in Science and Technology". He also attended the Caribbean Academy of Science meeting also held in Guyana and presented a paper on "Chemical Degradation of Pesticides in aqueous solution".

Dr. H. Jacobs was a Plenary Speaker at the Annual meeting of the American Society of Pharmacognosy, Oaxaca, Mexico, July 14-18, 2001. She spoke on Latin American Biodiversity.

Dr. J. Jackson attended the Symposium of Traditional Grain and Starchy Food Products of Asia, Africa, Latin America and the Caribbean, IFT Annual Meeting. And presented a paper on "Traditional Starchy Products from the Caribbean"

Professor I. Kahwa, presented an invited lecture on "Asbestos pollution in Jamaica – lessons and perspectives for the Caribbean." at St. Lucia, Castries. He delivered a Plenary lectures on "Science's Challenges and Strategies for Reducing Poverty." at the Caribbean Academy of Sciences, Georgetown, Guyana and at the University of Suriname, Faculty of Science and Technology. He also presented seminars on "New concepts in biomedical diagnostics and catalysis" at the same meetings. He was financed by CARISCIENCE for his trip. He also attended the Annual Conference of the Royal Society of Chemistry with sponsorship from the Royal Society of Chemistry and presented a paper on "Electronic and Chemical cooperativity among coupled Lanthanide (III) cations". Prof.

Kahwa gave a plenary lecture at the 8th International Chemistry Conference in Dakar, Senegal, Africa. His talk was entitled “From discrete dimetallic molecules to polymetallic nano-size aggregates: metal-metal interactions and their potential applications”.

STUDENT MATTERS

Postgraduate Awards

The Department had a new postgraduate scholarship added to the list of awards – *The Henry Lowe Scholarship*. Dr. Lowe, President and Chief Executive Officer of Blue Cross Jamaica Limited donated and presented \$50,000.00 to Ms. Camille Bowen while Ms. Jane Lui received the Cedric Hassall Award for \$40,000.00.

Undergraduate Awards

A total of seven undergraduate students from the Department received awards ranging from \$5,000 to \$60,000.

RESEARCH GRANTS

Dr. Jose Jackson received grants of:

- i) US\$100,000.00 from the Organisation of American States (OAS)
- ii) US\$12,000.00 from International Foundation for Science (IFS)
- iii) US\$20,000.00 from Food and Agriculture Organization (FAO)
- iv) US\$15,892 from the Graduate Studies and Research, UWI

Professor Ishenkumba Kahwa received a grant of:

- i) J\$2.28 million from Environmental Foundation of Jamaica in support of a joint project by the Department of Chemistry and the Jamaica Confederation of Trade Unions (JCTU)
- ii) £1300.00 from the Royal Society of Chemistry, London
- iii) US\$15,000.00 from the Graduate Studies and Research, UWI.

Dr. Willard Pinnock received US\$6,000.00 from the Graduate Studies and Research, UWI.

RESEARCH IN PROGRESS

Bakir, M.

- Development of electro-and optical sensors based on poly-pyridyl like compounds.

Dasgupta, T. P.

- Mechanisms of electron transfer reactions.
- Syntheses of nitric oxide releasing compounds and kinetic studies of nitric oxide release
- Dynamics of pesticide degradation and analyses of ultratrace pesticide residue.

Dixon, D.

- Kinetic and mechanistic study of the reaction of the free chromium(VI)ion with a series of thiol containing compounds in aqueous acidic conditions.
- Study of cubane systems containing lithium as the only metallic element.

Greenaway, A.

- Nutrient pollution in Jamaican coastal waters.
- Nitrogen and Phosphorus concentrations in ground and surface waters and their fluxes to the coastal zone.
- Nutrient release from contaminated estuarine sediment.

Jacobs, H.

- The phytochemistry of selected Jamaican endemic plants.

Jackson, J.

- Quality and Safety enhancement of the ackee fruit
- Characterization and antioxidant activity of the phenolic components in sorrel and nutmeg mace.

Jackson, Y.

- Synthesis of heterocyclic compounds with biological activity.

Kahwa, I.

- Preparation, structure, laser induced luminescence spectroscopy and decay dynamics and potential applications of multi-lanthanide (III) compounds in catalysis, biomedical diagnostics and therapeutics.
- The asbestos pollution and waste management strategies in Jamaica.

Lancashire, R.J.

- Chemical applications of the Internet.
- The JCAMP-DX spectroscopic data format and distribution of scientific data via the WWW.

Maragh, P.

- Oxidation of biological reductant (Vitamin C) by tri-nuclear transition metal complexes.

Minott, D.

- Characterisation of the flavour components of Jamaican Blue Mountain Coffee.
- Investigation of ackee (*Blighia Sapida*), its lipid profile, hypoglycin content and metabolites of its individual components.

Pinnock, W.R.

- A city wide survey of SO₂, NO₂ and O₃ at fifteen sites across the Kingston/St. Andrew conurbation following the development and testing of our own SO₂ and O₃ monitors.
- The use of red mud in building materials
- The sulphate resistance of concrete which contains red mud as an additive is to be tested in the next round of experiments.

Sadler-McKnight, N.

- Electron transfer reactions of transition metal complexes.

Reese, P.

- Medicinal Plants. Plants, mainly from the family 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.

Mulder, W.

- Modelling of oxidative adsorption of alkanethiols on metals.
- Determination of dipole moments and polarisabilities of organic molecules in solution using variation of reaction field via ionic strength.

PAPERS PRESENTED

- “Nutrients in Jamaican Coastal Waters.” **Anthony M. Greenaway**. (Poster) 5th Conference, Faculty of Pure and Applied Sciences, UWI, Mona, January 2001.
- “The Proposed Jamaican Accreditation Standard for Chemical Testing Laboratories.” **Anthony M. Greenaway** (Poster). 5th Conference, Faculty of Pure and Applied Sciences, UWI, Mona, January 2001.
- “Explorations into the synthesis of beta-azarotenonoids;” Karla-Sue Marriott and **Y. Jackson**. 33rd Central/Great Lakes Joint Regional Meeting of the American Chemical Society, Grand Rapids, Michigan, June 2001.
- “Synthesis of the First Thiophene Analogue of Kuanoniamine A;” Seon Hepburn, **Y. Jackson** William Reynolds. 33rd Central/Great Lakes Joint Regional Meeting of the American Chemical Society, Grand Rapids, Michigan, June 2001.
- “Interactive Web Page Development with CHIME and JAVA-Part II”. **R. J. Lancashire**, “Chemistry and the Internet, 2000” at Georgetown University in Washington, DC, September 2001.
- “Lessons from the development of a Research and Teaching Departmental Web Site.” **R. J. Lancashire** Presented at the 5th Biennial Conference of the Faculty of Pure and Applied Sciences, January 2001.
- “Steroid transformation by *Mucor plumbeus* ATCC 4740.” A.R. Chen and **P.B. Reese**, American Chemical Society Annual Meeting, San Diego, California, U.S.A., April 2001
- “Bioconversion of *Stemodia maritima* diterpenes and derivatives by *Cunninghamella echinulata* var. *elegans* ATCC 8688a.” A.S Lamm and **P.B. Reese**, American Chemical Society Annual Meeting, San Diego, California, U.S.A., April 2001
- “Bioconversion of squamulosone and synthetic analogs by *Curvularia lunata* ATCC 12017.” D.O. Collins and **P.B. Reese**, American Chemical Society Annual Meeting, San Diego, California, U.S.A., April 2001
- “Computer Simulation of Collisions as Lab Exercise in Introductory Chemical Thermodynamics” **W. R. Pinnock**: 16th IUPAC Conference on Chemical Thermodynamics, Halifax, Canada, August 2000.

PUBLICATIONS

Refereed

- * Mechanistic study of the Reactions of the Chromium (VI) Ion in aqueous sulfite solution. Dwight C. Ramdon, **Donovan A. Dixon** and **Tara P. Dasgupta**. Inorg. Reac. Mech. 2, pp313-325, 2000
- * Isotopic Effects on Inorganic Carbon in a Tropical River by Caustic Discharges from Bauxite Processing. J.E. Andrews, **A.M. Greenaway**, P.F. Dennis and D.A. Barnes-Leslie. Applied Geochemistry, 2001, 16, 197-206.
- * Prenylated benzophenone derivatives from *Clusia havetioides* var. *stenocarpa*. Omar E. Christian, Geneive E. Henry, **Helen Jacobs**, Stewart McLean and William F. Reynolds. J. Nat. Prod. 64, 23-25. 2001
- * New diterpenes from *Jatropha divaricata* Richard W. Denton, Wayne W. Harding, Chadwick I. Anderson, **Helen Jacobs**, Stewart McLean and William F. Reynolds. J. Nat. Prod. 64, 829-831, 2001
- * A short synthesis of 5-Methoxy -2, 2- dimethyl – 2H-1-benzopyran-6-propanoic acid methyl ester. Geneive E. Henry and **Helen Jacobs**, Tetrahedron 57, 5335-5338, 2001
- * Synthesis of a 2, 3 – Dimethoxyrotenonoid with Karla-Sue Marriott and Mario Anderson, **Yvette Jackson**. *Heterocycles*, 55, 91-98, 2001
- * Cooperative processes governing formation of small pentanuclear lanthanide (III) nanoclusters and energy transport within and between them. M.K. Thompson, M. Vuchkov and **I.A. Kahwa** Inorganic Chemistry 40, 4332, 2001
- * Neuropharmacological actions of some binuclear lanthanide (III) complexes. L.A.D. Williams, R.C. Howell, R. Young and **I.A. Kahwa**. Comparative Biochemistry and Physiology 128, 121, 2001
- * A linear supramolecular array of {[Mn(H₂O)₂(15-crown-5)]Br₂}_n. H.O.N. Reid, **I.A. Kahwa**, J.T. Mague and G.L. McPherson Acta Crystallographica E57, m3. 2001
- * Ethylenediammonium phthalate. S.H. Edwards, **I.A. Kahwa** and J.T. Mague Acta Crystallographica E57, o20, 2001
- * 2,2'-Iminobis(ethylammonium) phthalate. S.H. Edwards, **I.A. Kahwa** and J.T. Mague. Acta Crystallographica E57, o22, 2001

- * Rare earth crown ether complexes: (15-crown-5) tris(nitrato) praseodymium(III). N.N. McIntosh, **I.A. Kahwa** and J.T. Mague Acta Crystallographica E57, m21, 2001
- * N,N'-Ethylenebis(p-toluenesulfonamide). A.S. Gajadhar-Plummer, **I.A. Kahwa** and J.T. Mague Acta Crystallographica E57, o68, 2001
- * The use of the Internet for teaching chemistry. **R. J. Lansashire** Anal. Chim. Acta, 420/2, 241-246, 2000.
- * Elections Transfer Kinetics of Tris (1, 10 – phenanthroline) Ruthenium (II) Electro oxidation in Aprotic Solvents. **N. McKnight**, K. Winkler, W. Fawcett Journal of Physical Chemistry, B, 104, 3575-3580 (2000).
- * Cobalt (III) promoted hydrolysis of 4-nitrophenyl phosphate; the role of dinuclear species. G. Rawji, **N. Sadler**, M. Yamada, R.M. Milburn Inorg. Chim. Acta 167-174, 2000
- * New Skeletal Sesquiterpenoids, Caprariolides A – D, from *Capraria biflora* and their insecticidal activity. D.O. Collins, W.A. Gallimore, W.F. Reynolds, L.A.D. Williams and **P.B. Reese**, J. Nat. Prod., 63, 1515-1518, 2000
- * Biotransformation of Diterpenes and Diterpene Derivatives by *Beauveria bassiana* ATCC 7159. G.O. Buchanan and **P.B. Reese**, Phytochemistry, 56, 141-151, 2001.
- * Remote Functionalization Reactions in Steroids. **P.B. Reese**, Steroids, 66, 481-497, 2001.
- * Biotransformation of Cedrol by *Curvularia lunata* ATCC 12017. D.O. Collins, G.O. Buchanan, W.F. Reynolds and **P.B. Reese**, Phytochemistry, 2001, 56, 417-421, 2001.
- * Biotransformation of Squamulosone by *Curvularia lunata* ATCC 12017. D.O. Collins, G.O. Buchanan, W.F. Reynolds and **P.B. Reese**. Phytochemistry, 2001, 57, 377-383.
- * A potential dependent polarizability? K.J. Donald, **W.H. Mulder** and L.v. Szentpaly, Journal of Chemical Physics 113, 3477, 2000
- * A kinetic model for the reductive desorption of self-assembled thiol monolayers, **W.H. Mulder**, J.J. Calvente and R. Andrew. Langmuir 17 (2001), 3273.
- * Radon Levels and Related Doses in a Prototype Jamaican House constructed with Bauxite Waste Blocks. **W.Pinnock** Radiation Protection Dosimetry 81, 291-299, 1999.

PUBLIC SERVICE

Professor Tara Dasgupta

- Chairman, Faculty Committee for Graduate Studies and Research
- Editor, Jamaican Journal of Science and Technology
- Director, Mona Institute of Applied Sciences
- Executive Member, Natural Product Institute
- Executive Member, CARISCIENCE
- Editorial Board, Inorganic Reaction Mechanisms.

Dr. A.M. Greenaway

- Member, National Zone Commission
- Member, Jamaica Bureau of Standards’ “Quality Management Systems Committee” and Chairman, Subcommittee for Accreditation of Chemical Laboratories.

Dr. H. Jacobs

- Board Member, National Arboretum Foundation.

Dr. J. Jackson

- UWI Representative, Agro-Processors Resource Network (APRN), Jamaica
- Member, Institute of Food Technologists (IFT), USA
- Executive Member of the International Division
- Jury Member for the International Paper Competition
- UWI Representative on Policy Planning Committee of Quality Infrastructure Development Project, Jamaica Bureau of Standards

Dr. Y. Jackson

- Foreign Research Mentor for the Minority International Research Training Programme, Barry University, Florida
- Regional Editor – Molecules
- Member, Board of Governors, Hampton High School, St. Elizabeth
- Director of Music- St. Joseph’s United Church, Kingston

Professor I. Kahwa

- Member, Asbestos Task Force, National Environment and Planning Agency (Formerly NRCA)
- Member, Board of Directors, ICENS

- Member, Intellectual Property rights Committee, UWI.
- Member, CHEMLAB Project Committee, Journal of Chemical Education, American Chemical Society
- Regional Editor-Molecules

Dr. R. Lancashire

- University Representative, Board of the Jamaica Computer Society Education Foundation
- Executive Member, Society of Scientists and Technologists

Dr. P. Maragh

- Member, National Industrial Safety Committee – Bureau of Standards
- Member, Museums Advisory Board – Institute of Jamaica

Dr. D. Minott

- Member, National Ackee Task Force
- Member, Jamaica Bureau of Standards – Processed Foods (General) Committee
- Member, Scientific Research Council Board's Sub-Committee for the Food Technology Institute
- Corresponding Sponsor, Ministry of Education – Kencot Basic School Agro-Processing Resource Network
- Vice President, WIGUT (Jamaica)
- Director, Better Process Control School (certification for the food industry)

Dr. N. Sadler-McKnight

- Member, Natural Resources Conservation Authority.
- Member, Technical and Finance Committee of the 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. P. Reese

- External Examiner, Bachelor of Pharmacy programme at the University of Technology, Hope
- Member, Equine Drug Testing Committee

Dr. W. Mulder

- Member, CHEMSAF (Alumni and Friends of the Department of Chemistry) and Newsletter Committee

Dr. W. Pinnock

- Member and Consultant, Steering Committee to prepare Jamaica's First National Communication to the U.N. Framework Convention on Climate Change.
- Member, National Radiation Safety Council, Ministry of Health
- Member, Steering Committee for Implementing Food Irradiation Technology in Jamaica.

VISITORS TO THE DEPARTMENT

Hon. Oliver Clarke, O.J., Chairman and Managing Director of The Gleaner Company Limited.

Dr. Darryl J. Bornhop of the Department of Chemistry and Biochemistry, Texas Tech University, USA.

Professor Delroy Baugh of the Department of Chemistry and Biochemistry, University of California.

Dr. Laval Chan, Senior Scientist, Biochem Pharma, Canada.

Dr. Raymond Francis of SUNY College of Environmental Science and Forestry, Syracuse, New York, USA

Mr. Stewart Forbes of the Natural Resources Conservation Authority.

Professor Cyril Parkanyi of Florida Atlantic University.

Dr. Richard Fairman, Lecturer, University of the West Indies, St. Augustine, Trinidad.

Dr. James D. Navratil, Professor, Environmental Engineering and Science, Clemson University.

Dr. Alvin Holder, Lecturer, University of the West Indies, Cave Hill, Barbados.

DEPARTMENT OF GEOGRAPHY AND GEOLOGY

**Professor Elizabeth Thomas-Hope, MA Aberdeen, MS Penn State,
DPhil Oxf – Head of Department**

WORK OF THE DEPARTMENT

Dr Wilma Bailey was promoted to Professor of Geography in April. Dr Vernon Mulchansingh retired as Senior Lecturer in Geography in July. Dr Hugh Sample, Lecturer in Geography, resigned in July.

Dr David Barker was awarded a post-doctoral research fellowship to continue work on small, hillside yam farming and environmental resource management; Dr Clinton Beckford was appointed research fellow to work on the project.

Professor Wilma Bailey was the representative of the Faculty of Pure and Applied Sciences on the University committee which led the consultations on crime, peace and justice in Jamaica.

Revisions were made to the Level III courses in Geography. Titles of courses were changed to more accurately reflect their contents, and the titles of the three groupings of these courses were also changed.

During the summer, GL30D Analysis and Management of Geohazards and Risks was put on by Mr Rafi Ahmad. Ten students, including one from Appalachia State University (USA) and one from the St Augustine campus, read the course.

The first group of twenty students in the taught MSc degree in Integrated Urban and Rural Environmental Management directed by Professor Elizabeth Thomas-Hope graduated in November 2000. To mark the occasion, the graduates organized a tree-planting ceremony on the grounds of the Department, and the Chancellor, Sir Shridath Ramphal, planted a *lignum vitae* tree. The second cohort of students completed its course work during the year, while the third intake of fifteen students began its course of study in September 2000.

The Department continued to administer the Earthquake Unit, the Unit for Disaster Studies, the Environmental Management Unit, and the Jamaica Sustainable Development Network. The Marine Geology Unit was set up in December 2000; funded by the Environmental Foundation of Jamaica, it will collect information on the physical oceanographic and geological resources of Jamaica's Exclusive Economic Zone.

RESEARCH IN PROGRESS

Mr Rafi Ahmad

- Neotectonics, landslide processes, structural and lithological controls on the evolution of landforms; natural hazard mapping and assessment; preparation of hazard maps in Jamaica.

Professor Wilma Bailey

- Health of the elderly in Jamaica; intervention strategies in inner-city communities (funded by the Ford Foundation).

Dr David Barker

- Alternatives to the traditional yam stick method of staking yams (with post-doctoral research fellow Dr Clinton Beckford).

Professor Trevor Jackson

- Mineralogy and provenance of the black sands, south coast, Jamaica; the volcanic petrology of pre-Soufrière rocks in St Vincent; the Miocene volcanics of Carriacou, the Grenadines; Jamaican agates.

Dr David Miller

- Review of the karst geomorphology of the White Limestone Group, Jamaica; ridge karst geology and geomorphology in southern St Elizabeth; geomorphology of tower karst on the plateau surface of southern Manchester; cone karst morphometry and geology on the Manchester-St Elizabeth border; the geomorphological legacy of Quaternary environmental change, south central Jamaica; the palaeoenvironmental significance of solifluction deposits and cryoplanation terraces in southwest England.

Dr Simon Mitchell

- Sedimentology of Recent carbonate beaches, Jamaica; lithostratigraphy and sedimentology of the Yellow Limestone Group, Jamaica; lithostratigraphy and palaeogeography of the White Limestone Group, Jamaica; Red Chalk Research Group; geology and stratigraphy of the Central Inlier, Jamaica; sustainable development of sand mining and sediment budgets in Jamaican rivers; palaeokarst in Jamaica.

Professor Edward Robinson

- Taxonomy and biostratigraphy of Mesozoic to Recent larger foraminifera (Protists) in the Western Hemisphere, particularly the imperforate genera of the shallow shelf and carbonate platform areas,

and the lepidocyclinid groups; the use of large foraminifera in high-resolution sequence and biostratigraphy in the search for oil; historical documentation of coastal change in Jamaica; investigation of beach changes at Negril, Jamaica (with S. Mitchell and R. Maharaj).

Dr Hugh Semple

- Downtown revitalization in Kingston, Jamaica; agro-biodiversity among small farmers in the Rio Grande valley, Jamaica; adoption and implementation of GIS in planning and environmental agencies in Jamaica; identifying and planning for hazard-prone areas in the KMA and Portmore using GIS; geographic targetting for poverty reduction in Jamaica using GIS.

Dr Balfour Spence

- Agrobiodiversity and small farming in the Rio Grande valley, Portland.

Dr Thomas Stemann

- Overview of coral biodiversity in Jamaica from the Late Eocene through the Miocene; analysis of Palaeocene corals of Colombia; biostratigraphy of Jamaican Cretaceous corals (with S. Mitchell).

Professor Elizabeth Thomas-Hope

- Agro-biodiversity and land management in the Caribbean; poverty and urban environmental management; environment and health; environmental perception and its implications for environmental management; international migration and migration policy in regard to the Caribbean.

PAPERS PRESENTED

R. Ahmad

- “Fractal characteristics of landslides in Jamaica.” Fifth Conference, Faculty of Pure and Applied Sciences, UWI, Mona, January 8-11, 2001.
- “Ground deformation - landslides and liquefaction - caused by 2001 earthquakes in El Salvador, western India, and Seattle, and earthquake preparedness in Jamaica.” Seminar on The Anniversary of the March 1, 1957 Montego Bay Earthquake, organized by the Office of Disaster Preparedness and Emergency Management, March 1, 2001.

- “The use and application of landslide hazard maps.” National Consultation on the Use and Application of Hazard Maps, organized by the Office of Disaster Preparedness and Emergency Management, June 28, 2001.

W. Bailey

- “Mistimed and unwanted pregnancies among Jamaican males 15-45 years.” Annual Meeting of the Population Association of America, March 2001.

R. Maharaj, S.F. Mitchell & E. Robinson.

- “Beach erosion in Negril, Jamaica.” IHDP Conference, Bonn, Germany, September 9-19, 2000.

R. Maharaj & S.F. Mitchell

- “Sequence stratigraphy of a transgressive tropical carbonate depositional system.” Geological Society of America Annual Conference, Reno, Nevada, November 2000.
- “Sequence stratigraphy of the Stettin Formation, Jamaica.” Fifth Conference, Faculty of Pure and Applied Sciences, UWI, Mona, January 8-11, 2001.

S.F. Mitchell, S. Khan, R. Maharaj & E. Robinson

- “Changes in carbonate beach sediment composition at a tourist beach, Negril, Jamaica.” Carbonate Beaches 2000, Key Largo, Florida, December 2000.

S.F. Mitchell

- “Unconformities in central Jamaica: unlocking Jamaica’s geological past.” Fifth Conference, Faculty of Pure and Applied Sciences, UWI, Mona, January 8-11, 2001.

E. Robinson, R. Maharaj, M.D. Hendry & S.F. Mitchell

- “Carbonate beach system at Negril, Jamaica: geological setting and evolution.” Carbonate Beaches 2000, Key Largo, Florida, December 2000.

B. Spence

- “Sustainable development and environmental health.” Conference of the Jamaica Northeast Area Regional Health Authority, February 2001.

T. Stemann

- “Coral communities in transition: a case study from the Jamaican fossil record.” Fifth Conference, Faculty of Pure and Applied Sciences, UWI, Mona, January 8-11, 2001.
- “Changing patterns of taxon dominance in patch reef assemblages from the Oligocene and Miocene of Jamaica.” Geological Society of America Annual National Meeting: Tropical Marine Environments Through Time Symposium, November 13-16, 2000.

E. Thomas-Hope

- “Trends and patterns of migration in and out of the Caribbean.” Regional Seminar on Caribbean and Latin American Migration, Economic Commission for Latin America and the Caribbean (ECLAC) and International Organization for Migration (IOM), San Jose, Costa Rica, September 3-5, 2000.
- “Globalization and contemporary Caribbean migration.” Regional Seminar on Trends in Caribbean Migration, ECLAC, Trinidad, November 9-10, 2000.
- “Contemporary issues in Caribbean migration.” Regional Seminar on Migration, The Faculty of Latin American Social Sciences, Santo Domingo, and the IOM, Dominican Republic, November 27-29, 2000.
- “Perspectives on the Island Sustainability, Livelihood and Equity (ISLE) programme.” Workshop for the Presentation of Research Findings - The Nariva Swamp: A Gendered Case Study, Trinidad, Centre for Gender and Development Studies, UWI, St Augustine, December 8-9, 2000.
- “Changing patterns of urbanization and health in the Caribbean.” The German National Committee on Global Change Research International Workshop on Health and Environment, University of Bonn, February 14-16, 2001.
- “The role of the environment in explaining economic disparities in the Caribbean.” Workshop on Explaining Economic Disparities in the Caribbean in the Twentieth Century, IDB, Trinidad, May 14-16, 2001.
- “Challenges of migration that are common to countries of the Caribbean,” and “Irregular migration with respect to Caribbean nationals.” International Training Seminar on International Migration Policy, Kingston, May 30-June 1, 2001.

- Opening Address. The National Coastal Zone Conference 2001, The National Environment and Planning Agency (NEPA) and the Coastal Waters Improvement Project (CWIP), Kingston, June 7, 2001.
- “The role of environment in Caribbean economic development.” The Tenth Congress of the International Federation of Latin American and Caribbean Studies (FIEALC), Institute of Latin American Studies and the Russian Academy of Sciences, Moscow, June 26-29, 2001.

PUBLICATIONS

Refereed

- * **D. Barker** “A brief history of geographical times.” *Area*, 32(4) (2000): 437-439.
- * A. Gupta & **R. Ahmad**. “Urban steeplands in the tropics: an environment of accelerated erosion.” *GeoJournal*, 49 (2000): 143-150.
- * **S.F. Mitchell** & D. Blissett. “Lithostratigraphy of the Late Cretaceous to Paleocene succession in the western part of the Central Inlier of Jamaica.” *Caribbean Journal of Earth Science*, 35 (2001): 19-31.
- * **H. Semple** & J. Brierley. “A logit analysis of problems affecting domestic food production in Guyana.” *Social and Economic Studies*, 49, 1 (2000): 211-224.
- * M.G. Sumbler & **S.F. Mitchell**. “Discussion of The Welton Formation (Chalk Group, Upper Cretaceous) at Speeton, northeast England: implications for the Late Cretaceous evolution of the Market Weighton Structure.” *Proceedings of the Yorkshire Geological Society*, 53 (2000): 17-24, 157-159.
- * **E. Thomas-Hope**. “Trends and patterns of Caribbean migration.” *Revista Notas de Poblacion*, Special Issue (2001): 20-32.

Non-Refereed

- * **R. Ahmad**. “Jamaica, Port Royal Mountains, and Kingston and St Andrew: physical environment and natural hazards.” Publication No. 5, Unit for Disaster Studies, Department of Geography and Geology, UWI, Mona (21 pp.).
- * P. Allsworth-Jones, G. Lalor, G. Lechler, **S.F. Mitchell**, E. Rodriques & M. Vutchkov. “The Taino settlement of Kingston.” *Proceedings of the XVIII Congress for Caribbean Archaeology*, St George’s, Grenada, July 11-17, 1999.

- * **E. Thomas-Hope.** "Trends and patterns of migration to and from Caribbean countries." *Proceedings of the Symposium on International Migration in the Americas*, San Jose, Costa Rica, September 4-6, 2000: 37-59.
- * **E. Thomas-Hope** "Foreword," in J. Maxwell, *How to Make Our Own News: A Primer for Environmentalists and Journalists*, Canoe Press, UWI, Kingston, 2000: vi-vii.
- * **E. Thomas-Hope** "Similarities and variations in the pattern of Caribbean migration." *Proceedings of the International Training Seminar on International Migration Policy*, Kingston, May 30-June 1, 2001: CD ROM.
- * **E. Thomas-Hope**, K. Johnston & A.D. Jardine-Comrie. *Resource Valuation of the Ocho Rios Marine Park*, UWI, Mona, 2001, 97pp. (with assistance from G. Gibison & K. Russell).

PUBLIC SERVICE

R. Ahmad

- Caribbean correspondent to the International Landslide Research Group;
- Member, National Damage Assessment, Recovery and Rehabilitation Subcommittee;
- Member, Steering Committee for Community Disaster Management Strengthening Project, Officer of Disaster Preparedness and Emergency Management.

W. Bailey

- Chief Examiner, CAPE Geography;
- Convenor of the Geography Panel, CAPE;
- Member, UNESCO Social Science Committee;
- Faculty representative, Colloquium on Crime.

D. Barker

- Editor, *Caribbean Geography*.

T. Jackson

- Honorary University Fellow, Camborne School of Mines;
- Member, Jamaica National Commission for UNESCO, Science and Technology Advisory Committee;

- Member, Permanent Standing Committee, Caribbean Geological Conference;
- Member, Jamaican IGCP Committee;
- Member, Caribbean Community Ocean Science Network (CCOSNET).

D. Miller

- Book Review Editor, *Caribbean Geography*;
- Secretary, Jamaican Association of Geomorphologists.

S. Mitchell

- Chairman, Commission on Jamaican Lithostratigraphy;
- Member, Technical Working Group on Jamaican Beach Policy;
- Editor, *Contributions to Geology*, UWI, Mona;
- Editor, *Journal of the Geological Society of Jamaica*;
- Council Member, Geological Society of Jamaica;
- Staff representative, Council of the UWI [Students] Geological Society.

E. Robinson

- Member, Scientific Board, International Geological Correlation Programme (IGCP), UNESCO/IUGS, Paris;
- Member, Jamaican IGCP National Committee;
- Member, Editorial Board, *Caribbean Marine Studies*;
- Vice-President, Jamaican Association of Geomorphologists;
- Member, Standing Committee for Caribbean Geological Conference Series;
- Member, Advisory Committee on Coastal Erosion, NRCA;
- Courtesy Professor, Florida International University, Miami.

T. Stemann

- Council member, Geological Society of Jamaica;
- Chairman, Field Trip Committee, Geological Society of Jamaica.

E. Thomas-Hope

- Chairman, Board of the Jamaica Sustainable Development Network;
- Member, Tribunal of the NRCA Act of the Ministry of Environment and Lands;

- Director, Board of the Luis Fred Kennedy Environmental Foundation;
- Director, Jamaica Institute of Engineers Foundation;
- Member, advisory panel to the Health and Environment Project on Setting an International Agenda for Health and the Environment, 1998-2000;
- Journal referee for *Third World Planning Review*, *The Journal of Eastern Caribbean Studies*, and *Progress in Development Studies*;
- Member of the Editorial Advisory Boards of *Third World Planning Review*, *Caribbean Geography*, *The Caribbean Journal of Agriculture and Natural Resources*, *The International Journal of Disability Issues*, and *Progress in Development Studies*.

CATEGORIES OF STUDENTS

Undergraduates: Geography

Course	Regd	Sat	Passed	%Passed
GG10A Introduction to Human Geography	81	80	52	65
GG10B Introduction to Physical Geography	69	66	45	68
GG20C Geography of the Caribbean	31	31	28	90
GG21A Urban Geography	48	48	47	98
GG21B Geography and Development	37	37	28	76
GG22A Geosphere and Hydrosphere	51	51	39	76
GG22B Atmosphere and Biosphere	48	48	41	85
GG31B Global Economic Structure and Process	14	14	14	100
GG31C Tropical Agricultural Systems and Development	20	20	17	85
GG31D Global Structure and Political Order	9	9	9	100
GG32A Geomorphic Processes and Landforms	15	15	14	93
GG32C Global Issues in Climate Change	8	8	8	100
GG32D Health and Society	18	18	17	94
GG33B Urban and Regional Planning	23	23	23	100
GG33F Introduction to Geographical Information Systems	41	41	38	93
GG33G Disaster Management	24	23	22	96
GG33H Environmental Resource Management	21	21	20	95
GG360 Research Paper	28	23	23	100

Undergraduates: Geology

Course	Regd	Sat	Passed	% Passed
GL10A Introduction to Earth Sciences I	31	30	29	97
GL10B Introduction to Earth Sciences II	26	26	23	88
GL10C Earth Resources and the Environment	16	15	13	87
GL21A Palaeontology	28	28	25	89
GL22A Sedimentology	26	26	22	85
GL23B Igneous Petrology	24	24	21	88
GL24B Metamorphic Petrology	21	20	20	100
GL25A Geological Mapping and Map Interpretation	28	27	23	85
GL30D Analysis and Management of Geohazards and Risks	10	10	10	100
GL311 Field Geology	21	21	19	90
GL32A Caribbean Geology	20	20	18	90
GL33A Engineering Geology and Hydrogeology	12	12	11	92
GL34A Advanced Sedimentology and Fossil Fuels	21	21	18	86
GL35A Advanced Palaeontology	11	11	10	91
GL36A Applied Geophysics	12	12	11	92
GL38B Economic Geology	15	15	14	93
GL39B Plate Tectonics and Structural Analysis	12	12	12	100
GL39K Quaternary Geology and Environmental Change	10	9	7	78
GL39L Environmental Geology and Management	15	14	13	93

Undergraduate Prizes Awarded

The Barry Floyd Prize for the best student in Level I Geography was awarded to **Adrian Lyew-Ayee**.

The Barry Floyd Prize for the best student in Level II Geography was awarded to **Laura John**.

The Geological Society of Jamaica Scholarship was awarded to **Sherene James**.

The Harry Kuarsingh Memorial Bursary was awarded to **Tricia Alvarez**.

Postgraduates: Environmental Management

Twenty candidates completed the **MSc** degree in Natural Resource Management – Integrated Urban and Rural Environmental Management.

Commonwealth Split-Site Postgraduate Scholarships

Three PhD candidates in the Department were awarded scholarships to spend a year at a university in the United Kingdom: Corin Bailey (Geography) at Queen Mary and Westfield College, University of London, and Therese Ferguson (Environmental Management) and Gavin Gunter (Geology) at the University of Liverpool.

DISTINGUISHED VISITORS

Professor R. Abbott, Appalachia State University, USA.

Dr Philippe Bruillet, University of Bordeaux, France.

Professor G. Draper, Florida International University, USA.

Professor D. Morgan, Massachusetts Institute of Technology, USA.

Professor B. Oostdam, Millersville University, USA.

Dr T. Steuber, Ruhr-Universitaet Bochum, Germany.

DEPARTMENT OF LIFE SCIENCES

Ralph D. Robinson PhD *Belfast* – Head of Department

WORK OF THE DEPARTMENT

Following some restructuring of its final year program last year, students responded positively to the new Majors in **Pest Management and Plant Protection** and **Environmental Biology**. However, interest in the new **Microbiology** Option (taught jointly with the Biochemistry Section of the Department of Basic Medical Sciences) was less than anticipated. The first year courses, Cells, Biomolecules & Genetics and Introductory Microbiology, also taught jointly with Biochemistry, attracted complaints from several students, mainly regarding laboratory operations, and these require urgent attention in the coming year.

The Department agreed to introduce two BSc minors, **Botany** and **Zoology**, each representing 16-advanced credits, which could be taken jointly with several other majors in the Faculty, and which would appear on the degree parchment.

Dr Ralph Robinson Chaired the Organising Committee of the Fifth Conference of the Faculty of Pure and Applied Sciences at which staff and students in the Department contributed 21 papers. At the request of the Dean, Dr Robinson also prepared a draft syllabus of a new Faculty-wide BSc Option: Science, with Media and Communication expected to be taught jointly with The Caribbean Institute of Media and Communication (Faculty of Arts and Education).

Brochures that provided information, at-a-glance, on the various offerings in the Department received strong approval from students and were again available in time for registration. The Department's web page, to be found at <http://www.lifesci.uwimona.edu.jm:1104>, continues to be maintained by **Dr Peter Vogel**.

The Department's custom of inviting "coffee Guests" continued as a regular Thursday morning feature. Guests, academic staff and graduate students availed themselves of the opportunity of sharing information in an informal setting about their respective roles, and how these relate to the University and the wider society. **Dr Mona Webber** has organised the very successful series for the past three years.

The annual Departmental Retreat examined several initiatives in teaching and research – employment of multimedia technologies in teaching and graduate student training; use of the internet in teaching and research;

and the consolidation of the Department of Life Sciences as a recognised, integrated research entity – received strong support from staff. The establishment of a conducive operating environment and the need for greater student involvement in practical-based projects in the Department also received support. Involvement of selected Private Sector organisations and follow-up information on student placement post-graduation would assist the Department in preparing offerings that reflect national and regional needs.

Preparations for the Department's participation in the University-wide MSc in Environmental Studies are complete, but concerns exist as to the availability of funding for the program, scholarships for students, etc. The Department is of the opinion that it should mount its own MSc, in the general area of Environmental Biology, whether the former program materialises or not.

The Department participated visibly in the Principal's Research Day 2000 "Strengthening the Tourism Product" by way of a series of posters and multimedia displays in the Assembly Hall. We attempted to merge our ecological research and commitment to conservation of the natural environment with the national tourism product. Life Sciences' also contributed several posters and displays at meetings of several Community-based Conservation groups across the island.

A two-day, in-house seminar allowed those graduate students, who had not previously done so, to make oral presentations of their work to the Department.

A Professional Services Purchase Agreement with New Brunswick Community College - Miramichi, signed in February 2001, was completed. It involved **Drs Peter Vogel** and **Eric Garraway** in development of courses in "Wildlife Management" and "Applied Forest Ecology" for the College.

A **Letter of Intent** that agreed to cooperation on the biological control of weeds was signed between the Plant Protection Research Institute of the Agricultural Research Council of South Africa and the Department of Life Sciences.

Student response to the Academic Advisor program was again disappointing, with few staff members reporting useful episodes of academic counseling.

Plant and vehicles

The exterior of the Department received a much needed paint job. During the course of the year, the Biology Lecture Theatre (BLT) was fitted with advanced multimedia hard- and software. Months after installation, however, the work has not been completed. On-line access *via* the Internet in

the BLT is anticipated in the next academic year. The Department has yet to benefit from refurbishment of toilet facilities that began last year in the Faculty.

A new Mitsubishi L200 4x4 twin-cab pickup was funded from the Board for Graduate Studies & Research. This vehicle will be used, primarily, by graduate students in the Department for field based-research. Two older vehicles, twin-cab Nissan and Isuzu pickups, were sold through the Bursary and have been replaced with a new Mitsubishi 4-wheel-drive pickup. The Departmental Land Rover, used for high mountain expeditions, continues to be a major expenditure in terms of maintenance.

The roof of Botany Laboratory #2, replaced under the IDB Loan Scheme, had to be repaired with a grant from the University following severe leakage that resulted from poor workmanship. Hurricane shutters were provided also by The University for the Combined Biology Building.

The wooden dock at the Marine Laboratories housed at Port Royal was replaced with cast concrete, also with a grant from the University, and problems with termites in several laboratories required major intervention. The 18-foot long Boston Whaler™ and safety equipment, acquired last year, have been widely used and continue to function well. The possibility of relocation of the laboratories, resulting from plans to develop Port Royal remains. In the mean time, in association with the Office of Finance, it has been agreed to landscape the site using coconut palms and bougainvillea. The arrangements under which the UWI Shrimp Project uses The Port Royal Marine Laboratory have been clarified to the satisfaction of the Department following discussions with the Office of Finance and the Vice Chancellor.

The Department continued to support the development of the Natural Products Institute, headed by one of its former staff, Prof. Ajai Mansingh, and continues to provide office space for its operation.

Staff Matters

Dr Ralph Robinson was appointed as Head of Department for three years. **Dr Phyllis Coates-Beckford** enjoyed sabbatical leave for the year, during which time she published a paper in *Tropical Agriculture*, submitted another to the same journal and attended several workshops to expand teaching and research capabilities. The Department enjoyed an excellent working relationship with the newly appointed Dean of Faculty, **Professor Ronald Young** who, as Professor of Human and Comparative Physiology, will be formally associated with the Department of Life Sciences.

Congratulations are extended to **Dr. Dale Webber** on the award of a **Musgrave Silver Medal in Science**.

Dr Eric Hyslop, Senior Lecturer in the Department was re-appointed on indefinite tenure. **Dr Ralph Robinson** and **Dr Eric Hyslop** were promoted above the Bar on the scale for Senior Lecturer. **Dr Paula Tennant** (formerly a Research fellow in the Biotechnology Centre) joined the academic staff of the Department as Lecturer in Molecular Biology/Virology.

Several responses to advertisements for positions in Forest Ecology and Pest Management were received, and **Dr Dwight Robinson** will join the Department as Lecturer in Pest Management in the next academic year. **Dr Dunbar Steele**, the first Head, Department of Life Sciences, and former Head of the Department of Zoology will retire on September 30th 2001 following thirty four (34) years of service to The University. The position will be filled, in the first instance, with a Conservation Biologist and **Dr Byron Wilson** is expected to join the Department early in the next academic year.

Several members of staff benefited from information technology and multimedia workshops run by the INFOCOM Centre, and professional workshops at the Instructional Development Unit offered by the Faculty of Arts and Education.

A **Memorandum of Agreement**, between the Faculty of Agriculture and Natural Sciences (St Augustine) and the Faculty of Pure and Applied Sciences (Mona) saw **Mr David Hutton**, Head of the Agriculture Unit (Mona) appointed an Honorary Lecturer in the Department.

Vacancies in the teaching establishment were filled using temporary staff; **Dr Marcia Blair** was appointed Temporary Lecturer for Level III courses in Parasitology and Pest and Pesticide Management, whilst **Mr. Fredrick Boyd** taught mainly in the Biology program as a Temporary Assistant Lecturer. **Miss Metz Peterkin** and **Mrs. Celia Jackson** were appointed as Teaching Assistants to work with large first year classes. **Mr Hugh Lounges** was re-appointed as Systems Manager in the Department. **Miss Karlene Anderson**, Secretary in the Department, was on leave for six months and was competently replaced by **Mrs Sharon Robinson**.

Throughout the year, we had difficulty in identifying technical staff worthy of appointment in the Department. **Miss Elaine Campbell** was exceptional, and was duly appointed Laboratory Technician in our Molecular Biology/Virology Laboratory. One of our younger members of technical staff, **Mr Wayne Straughan**, was promoted to Laboratory Technician from Junior Laboratory Technician.

The Department actively supported research work conducted by academic staff. Several projects involving graduate students received support from The Board for Graduate Studies and Research. Unfortunately,

the time and effort that goes into original investigations does not always reflect in the publication output in the Department. For the most part, the major research topics in the Department were of an applied nature.

RESEARCH IN PROGRESS

Mr Karl Aiken

- use of otoliths in aging selected species of commercial marine fishes
- assessment of wetland fisheries

Dr Marcia Blair

- investigations of the effects of pesticides on somatic development

Dr Jane Cohen

- tree-crop interactions in a contour hedgerow agroforestry system
- soil conservation in hillside yam farming
- propagation of trees for use in reforestation in Jamaica

Dr PV Devi Prasad

- salt stress on pepper and amaranth
- biofertilisers for rice and vegetables
- horticulture of anthuriums and orchids

Prof. Brian Freeman

- insect biodiversity of temperate woodlands
- population dynamics of bark beetles
- bionomics of the lane snapper

Dr Eric Garraway

- ecology and conservation of Jamaican butterflies and moths
- ecological studies of the brown citrus aphid and citrus leaf miner
- conservation of Jamaican manatees

Prof. Ivan Goodbody and Mrs Charlotte Goodbody

- diversity of ascidians, sponges and deep sea animals contained in the department's reference collection

Dr Eric Hyslop

- ecology and management of riverine systems
- construction of bioindices for Jamaican rivers

Dr Ralph Robinson

- human public health importance of rat lung worm infections that may result in meningitis in humans
- eco-parasitological studies of the small Indian mongoose
- interactions between seawater-cultured tilapia and parasitic flatworms

Dr Dunbar Steele

- mariculture of red hybrid tilapia in cages
- ecology of the green mussel in Kingston harbour

Dr Paula Tennant

- development of transgenic papaya for the control of ring spot virus
- safety of genetically modified foods

Dr Mark Thomas

- physiological studies that investigate embryonic exposure and levels of growth factor in oxidative stress
- the physiology of violence

Dr Kisan Vaidya

- genetic studies to produce photoperiod-insensitive and high yielding cultivars of sorrel
- genetic inheritance studies of mungbean and sorrel

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
- 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

Dr Dale Webber

- oceanography and coastal water quality assessments
- environmental management planning

Dr Mona Webber

- zooplankton communities in mangrove lagoons and as ecological markers of water quality
- ecopath modeling at Discovery Bay Marine Laboratory
- biodiversity of the Port Royal mangroves
- anthropogenic stress on mangrove forests and on deep and shallow reefs

Dr Byron Wilson

- ecology and conservation of the Jamaican Iguana and other lizards
- effect of exotic predators on Jamaican dry forest fauna

PAPERS PRESENTED

Aiken KA

- “A preliminary assessment of the fishable resources of Jamaica’s largest bay, Portland Bight (Old Harbor Bay)” 53rd Annual Meeting of Gulf & Caribbean Fisheries Institute, Gulfport, Mississippi, USA, November 2000
- “Management of the Jamaican stock of Queen conch, *Strombus Gigas*” Presented at a special Meeting of the National Council on Ocean and Coastal Management, Ministry of Foreign Affairs & Foreign Trade, Kingston, March 2001
- “Aspects of reproduction, age and growth in the lane snapper (*Lutjanus synagris* Linnaeus, 1758) in Jamaican coastal waters”. Proceedings of the Gulf & Caribbean Fisheries Institute 52:116-134, November, 2002.

Ruddock S and Hyslop EJ

- “Biomonitoring of lower Rio Cobre using zooplankton and benthic macroinvertebrates as indicators of pollution”. Annual Conference of the Caribbean Academy of Sciences, 4-9th June, 2001, Georgetown, Guyana.

The following presentations were made at the Fifth Conference of the Faculty of Pure and Applied Sciences, The University of the West Indies, Mona, January 2000.

Barnes NG, Lalor G Vutchkov and E. Hyslop

- “An assessment of the bio-accumulation of copper and other associated heavy metals by *Thiara granifera*, a freshwater gastropod from the Elim river system, St. Elizabeth, Jamaica”.

Bent SM and E.J. Hyslop.

- “A study of the benthic macroinvertebrate community in the estuarine region of selected Jamaican rivers”.

Bramwell NA. and Webber, M.K.

- “*Thalassia testudinum* as a bio-indicator in Discovery Bay, Jamaica”.

Caleb L. and P. Vogel

- “Niche separation among frogs and crabs rearing offspring in Bromeliads”.

Daley LP, D. Lewis, B. Wilson, P. Vogel and R. Robinson

- “A comparative study of the enteric parasitic fauna of the Small Indian Mongoose (*Herpestes auropunctatus*) from an area of human disturbance and adjacent undisturbed area in St. Catherine”.

Douglas L and P. Vogel

- “Impacts of habitat degradation on birds breeding in the life zone of tropical dry forests”.

Edwards PE and D.F. Webber

- “Mangrove, sea grass and coral reef community interactions of the Falmouth coast; north west Jamaica”.

Gittens L, Oxenford H & Aiken KA

- “An investigation of the current status of spiny lobster fisheries in Jamaica”.

Gordon T and E.J. Hyslop

- “Observations on the diet of various species of grey mullet (Mugilidae) from the south coast fishery, Jamaica”.

Hoo LS and E.J. Hyslop

- “First report of the occurrence of a population of *Gambusia affinis holbrooki* (Girard 1854) in Jamaican freshwaters and an examination of aspects of the benthic macroinvertebrates of the upper Rio Cobre”.

Jackson CPJ, Webber MK & Steele RD

- “Taxonomy and ecology of sponges in the Port Royal Mangroves”.

John K and E. Hyslop

- “Biomonitoring of the North Elim river Jamaica: changes in the benthic macroinvertebrate community with reduced levels of heavy organic pollution (dunder)”.

La Hee J., E. Hyslop and D. Webber

- “The effects of rum distillery effluent on the periphytic diatom community of the North Elim river St. Elizabeth, Jamaica with special reference to community change as a response to river recovery”.

Levy J. M. Haley and E. Hyslop.

- “Ontogenetic change in the diet of Acanthuridae from Discovery Bay, Jamaica”.

Lewis D., B. Wilson and P. Vogel

- “Diet of the Indian Mongoose in a primary tropical dry forest”.

Ruddock S and E. Hyslop

- “Biomonitoring of the lower Rio Cobre St. Catherine, Jamaica, using macroinvertebrates and zooplankton as indicators of organic pollution.

Shakes S, G. Lalor, G Vuchkov and E. Hyslop

- “Freshwater thiarid snails as biological monitors of aluminium levels in the Rio Cobre river”.

Tabanor ME and E.J. Hyslop

- “The effects of exposure to endosulphan on the growth and reproduction of two species of Thiaridae (Gastropoda)”.

Vuchkov MK, Lalor, GC, Allsworth-Jones P, Bailey W, Greenaway A, Hyslop E, Kahwa I & Robinson E

- “Application of the nuclear analytical facilities at ICENS to research in natural sciences”.

Wilson BS and P. Vogel

- “Status of the Jamaican Iguana: an assessment of a 10-year conservation programme”.

PUBLICATIONS

Refereed papers

- * **Cohen, JE**, LR Ogle & PL. Coates-Beckford (2000). "Effects of plastic mulches on the levels of N, P and K in soil and leaves of cucumber (*Cucumis sativus* L.)". *Tropical Agriculture* 77: 207-212.
- * **Tennant PF**, Fermin G, Fitch MM, Manshardt RM, Slightom JL & Gonsalves D (2001). "Papaya ringspot virus of transgenic Rainbow and SunUP is affected by gene dosage, plant development and coat protein homology". *European Journal of Plant Pathology* 107: 645-653.
- * **Vogel, P.** (2000). Jamaican Iguana (*Cyclura collei*). In: Allison Alberts (ed.), "Status Survey and Conservation Action Plan: West Indian Iguanas". *International Union for the Conservation of Nature*, pp. 19-22.
- * **Wilson, B.S.** and P. Vogel (2000). "A survey of the herpetofauna of the Hellshire Hills, Jamaica, including the rediscovery of the Blue-tailed Galliwasp (*Celestus duquesneyi* Grant)". *Caribbean Journal of Science* 36: 244-249.

Non-refereed papers/Technical reports

- * **Aiken, KA** (2000). "The marine fisheries of Jamaica". *Naga ICLARM Quarterly* (Manila) 23: 16-35
- * **Tennant PF** & Ahmad MH (2001). "Recent advances in the control of papaya Ringspot Disease". *CARAPHIN News* 21: 3-5.
- * **Webber, DF** (2000). "Towards the Management of the Black River Morass (RAMSAR Site) – Gathering biological, Social and Economical Data". Report to the NRCA. 87pp.

PUBLIC SERVICE

Mr Karl Aiken

- Member, Select Committee on Economy & Production, Gordon House, Kingston
- Member of the Board of Directors, Jamaica Conservation & Development Trust

- Member of the Board of Directors, Caribbean Coastal Area Management (CCAM) Foundation
- Member of the Scientific Authority, Convention and International Trade in Endangered Species of Flora & Fauna (CITES), Jamaica

Dr Ralph Robinson

- Fellow, Royal Society of Tropical Medicine and Hygiene, UK
- Member, Board of Directors, Jamaica Agricultural Development Foundation.

Dr Kisan Vaidya

- Member, Gene Bank Committee, Jamaica

Dr Peter Vogel

- Member of Board, Scientific Authority
- Chairman, Jamaican Iguana Research and Conservation Group
- Member of Alien Invasive Species Working Group
- Member of IUCN West Indian Iguana Specialist Group
- Member of Executive Committee and Immediate Past President, BirdLife Jamaica
- Member of NRCA Game Bird Committee
- Member of Scientific Advisory Committee, Blue and John Crow Mountains National Park
- Member of Advisory Board, Natural History Division, Institute of Jamaica
- Member, Society of Caribbean Ornithology

Dr Dale Webber

- Chairman, CL Environmental Ltd
- Vice 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 Mona Webber

- Advisor, Institute for Excellence in Environmental Education
- Member, Steering Committee, Sea Turtle recovery Network, Hope Zoo
- Member, American Society of Limnology and Oceanography
- Associate, Harbor Branch Oceanographic Institute
- Member, Association of Marine Laboratories of the Caribbean

CATEGORIES OF STUDENTS**Undergraduate**

A breakdown of Bachelor of Science degrees:

First Class Honours	6
Upper Second Class Honours	27
Lower Second Class Honours	18
Pass	1

Performance in courses:

Course Code and Title	Regd	Sat	Pass	% Pass
BB10A Cells, Biomolecules and Genetics	189	187	164	87
BB10B Introductory Microbiology	189	175	155	82
BL05A Preliminary Biology I	109	103	77	71
BL05B Preliminary Biology II	109	100	61	56
BL10L Animal Diversity	130	127	113	87
BL10M Plant Diversity	137	135	126	92
BL20M Mycology	59	58	52	88
BL20N Ecology	70	70	64	91
BL20J General and Molecular Genetics	32	31	28	88
BL20K Population Genetics & Evolution	70	70	60	86
BL30J Soil Microbiology	4	4	4	100
BL38A Virology	21	21	16	76
BL39A Statistics for Biologists	42	38	38	90
BL39C Research Project	11	11	11	100
BL39D Caribbean Biodiversity	11	11	11	100
BL39E Conservation Biology	29	29	27	93
BL39F Environmental Assessment & Management	25	25	25	100
BL39G Environmental Seminar Series I	10	10	10	100

BT21A	Biology of Lower Plant Groups	50	50	47	94
BT21B	Seed Plants	28	27	24	86
BT22A	Plant Physiology	52	52	49	94
BT31A	Phycology	14	14	12	86
BT31C	Biology of Coastal Plant Communities	21	21	21	100
BT32A	Crop Physiology	23	23	22	96
BT34A	Crop Genetics	3	3	3	100
BT38B	Plant Biotechnology	11	11	11	100
Z20C	Functional organization of Animals	65	65	56	86
Z30G	General Parasitology	17	17	17	100
Z30H	Applied Parasitology	7	6	5	71
Z30J	Comparative Animal Physiology	11	11	11	100
Z30M	Immunology	16	16	15	94
Z30N	Developmental Biology	8	7	7	88
Z31C	Fish Biology	17	17	15	88
Z31E	Marine Ecology	24	24	24	100
Z31F	Fisheries & Aquaculture Technology	9	8	8	89
Z32C	Insect Biology & Systematics	4	4	4	100
Z32E	Applied Ecology Entomology	2	2	2	100
Z32F	Management of Pest & Pesticides	3	3	3	100
Z33C	Behavioural Ecology of Animals	13	12	12	92
Z33D	Freshwater Ecology	31	31	31	100

Postgraduate

Registration:

MPhil program	49 full time; 23 part time
PhD program	1 full time; 5 part time

Award of Higher Degrees:

MPhil Botany

Kerrine McDonald-Senior	Supervised Dr Dale Webber and Dr Mona Webber
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MPhil Zoology

David Barrett.	Supervised by Dr Dunbar Steele
Nikki Bramwell	Supervised by Dr Mona Webber
Margelette Ellis-Tabanor	Supervised by Dr Eric Hyslop
Deborah Henry	Supervised by Dr Eric Garraway

Carla Thomas
Dion Witter-Newell

Supervised by Prof. Ajai Mansingh
Supervised by Prof. Ajai Mansingh

Prizes Awarded

The following students were formally recognised for quality academic performance:

Preliminary Biology	CARNEGIE, Jason Richard
Introductory Biology	MILLER, Ricardo Dwaine LYEW-AYEE, Adrian
Don Skelding prize (Botany)	MILLER Ricardo Dwaine
Level II Zoology	BEDASSE, Aisha Kim
Vincent McKie Zoology prize:	BENNETT, Kerri-Ann
Lloyd B. Coke Prize (Plant Physiology)	LANIGAN, Andrea Christine

DISTINGUISHED VISITORS

Professor Peter Calow, University of Sheffield, UK

Mr. Michiyuki Takahashi, Japan International Cooperation Agency,
Santo Domingo, Dominican Republic

Mr. Kazuo Senga, Caribbean Fisheries Training and Development
Institute/JICA, Port of Spain, Trinidad & Tobago

Dr. John F. Caddy, FAO Fisheries Department, Rome, Italy

Dr. Nick Willoughby, Fisheries & Coastal Zone Division, Natural
Resources Institute, Kent, United Kingdom

Mr. Gonzalo Cid, Centre for the Study of Marine Policy, University
of Delaware, USA.

Mr Micah Davis, General Manager, UWI and Mona Cooperative
Credit Union

Mrs Janet Conie, Banana Board Research Department

Mr Jan Auman, Chairman CWIP

Dr Barbara Carby, Director, ODPEM

Dr David Smith, (then) Director, JCDT

Dr Susan Koenig, Winsor Research Station

Dr Paul Ivey, Dean of Science, CASE

Ms Paula Hurlock, Dolphin Head Trust



Field Trip Activity –
Z31F: Fisheries and
Acquaculture
Technology class
members observe
artisan making Fish
Trap at Old Harbour
Bay, St. Catherine,
November 2, 2001.



Mr Mike
Robinson,
 Hofstra
 Marine
 Laboratory

Mr Ian
Gage,
 Environme
 ntal
 Foundatio
 n of
 Jamaica

Z31C Fish Biology: *Class assembled at Port Royal Marine*
Lab prior to embarkation on boats to study Kingston
Harbour Fishes. September 2001.

Field Trip Activity –
Z31F: Fisheries and
Acquaculture
Technology class
members observe
Fish Culture
Raceways at
Longville Park Fish
Farm, Freetown, St.
Catherine,
November 9, 2001.



DEPARTMENT OF MATHEMATICS AND COMPUTER SCIENCE

John Lodenquai, BSc UWI, MA, PhD Columbia – Head of Department

WORK OF THE DEPARTMENT

The Department introduced a new programme at the graduate level in 2000 – the MSc in **Biostatistics**, a one-year, full-time programme operated in collaboration with the **Tropical Medicine Research Institute (TMRI)** and the **Medical University of South Carolina (MUSC)** and funded partially by the **National Institutes of Health (NIH)** of the U.S. The two mathematics majors selected for this inaugural programme, **Mr. R.**

Patterson and **Ms. C. Walters**, have recently returned from a six-month stay at MUSC and are now completing their theses. A member of staff, **Mr. S. McDaniel** spent the summer of 2001 at MUSC in order to acquire the expertise which will eventually be needed to run the entire programme here at Mona by the 2003/2004 academic year.

The CS11A and CS11B (Introduction to Computer Science I and II) syllabuses were significantly reviewed and re-organized by **Professor H. Reichgelt** who made all the material covered in the course available on the World Wide Web for the first time. Two new courses, *Advanced Database Systems and Cryptography* were designed and introduced by **Ms. Lila Rao** and **Dr. K. Robinson** respectively to the MSc (Computer Science) programme. CS20A, CS36Q and CS37Q were updated and improved by **Dr. D. Coore** during the year.

During the year work was done to refurbish a room in the Mathematics Section in order to convert it to a computer laboratory for students pursuing Level II and Level III courses in Mathematics. This laboratory has been equipped with approximately 20 PCs so far and will be ready for the new academic year.

In October 2000, several members of staff attended the **National Conference for Mathematics Teachers**, co-hosted by the Faculty. Presentations were made by **Dr. R. McEachin**, **Dr. R. J. Minty**, **Dr. A. Rodkina** and **Dr. W. B. Zhang**.

In July 2001, **Professor L. R. B. Robinson** hosted a farewell function at his home on behalf of the Department for **Dr. R. J. Minty** who has returned to England after 6 years of dedicated service to the Department. **Dr. Alexandra Rodkina** was promoted to Senior Lecturer while **Mr. Ashley Taylor** was granted an extension of his leave to continue with his PhD studies in Computer Science in the U.S. The Department continued to be short-staffed during the year, forcing us to rely on the services of part-time lecturers. However, steps were taken to try to alleviate this situation.

RESEARCH IN PROGRESS

Dr. D. Coore

- Amorphous Computing.
- Cardiac Surgeon Trainer

Dr. L. Henry

- Sprays on tangent bundles and the differential equations for which they are the generators of symmetry groups.

Dr. E. Mugisa

- Component-based software engineering.

Prof. H. Reichgelt

- Data warehousing and data mining.

Dr. A. Rodkina

- Stochastic Processes.

Dr. W. B. Zhang

- Analog of the Halberstam-Elliott conjecture for rational function fields over finite fields.
- Converse prime number theorems.

PAPERS PRESENTED

Rodkina, A.

- “On stabilizations of Hybrid Stochastic Systems”, International Conference on Dynamics of Continuous, Discrete and Impulsive Systems. London, Ontario, Canada. July 27-31, 2001.

Zhang, W.B.

- “Local Theorems of Additive Functions on Additive Arithmetical Semigroups.” International Conference of Mathematics, Beijing, China. December 18-22, 2000.
- “Central Limit Theorems on Additive Arithmetical Semigroups.” Fifth Joint Conference of the American Mathematical Society and the Mexican Mathematical Society (AMS-SMM), Morelia, Mexico. May 23-26, 2001.

PUBLICATIONS

- * **Reichgelt, H.** “Software Engineering Services for Export and Small Developing Countries”. Information Technology for Development, 9(2), 77-90 (2000)
- * Abernethy, K., Gabbert, P. and **Reichgelt, H.** “Information Technology Training in Developing Countries: A Case Study.” 7th World Conference on Computers in Education, Copenhagen, Denmark (2001).
- * Abernethy, K. and **Reichgelt, H.** “Building a Software Development Industry in Jamaica: Lessons Learned.” Computers and Advanced Technology in Education, Banff, Canada, 189 – 192 (2001).

- * **Rodkina, A.**, Mao, X. and Kolmanovskii,V. “On Asymptotic Behaviour of Solutions of Stochastic Difference Equations with Volterra Type Main Term”. Analysis and Appl. 18, no.5, pp.837 – 857 (2000)
- * **Rodkina, A.** and Kolmanovskii,V. “On Stability of Hybrid Stochastic Equations. Dynamic Systems and Applications,” 9 , pp.541 – 558 (2000)
- * **Rodkina, A.** “On Asymptotic Behaviour of Solutions of Stochastic Difference Equations.” Proc. Third World Congress of Nonlinear Analysts, Catania, Sicily. Nonlinear Analysis. V47, part 6 (2000)
- * **Zhang, W. B.** “Probabilistic Number Theory in Additive Arithmetic Semigroups, II.” Math. Zeitschrift, **235**, 747 – 816 (2000)
- * Knopfmacher,J. and **Zhang,W.B.** “Number Theory Arising from Finite Fields” (Marcel Dekker, N.Y. 2001)

PUBLIC SERVICE

Dr. L. Henry

- is preparing Volume 12 of the Jamaica Stud Book for the Jamaica Racing Commission.

Professor H. Reichgelt

- Member, National Commission on Science and Technology (NCST)
- Convenor, Caribbean Advanced Proficiency Examinations Information Technology panel, Caribbean Examinations Council
- Chair, Information Technology Board of Studies, University Council of Jamaica
- Convenor, Caribbean Advanced Proficiency Examinations Computer Science panel, Caribbean Examinations Council.

STUDENT MATTERS

During the year the Department had one supplemental and six departmental awardees.

At the Faculty Awards Ceremony, **Miss Anika Jobson** was awarded the **Harold Chan Scholarship** as well as the **Level II Merville Campbell** prize. (Miss Jobson is now on a postgraduate scholarship in Mathematics at the State University of New York at Stony Brook). **Miss Claudia Wallace**

was awarded the **Level I Merville Campbell** prize while **Mr. Sean Newman** received the **University Lodge/Euclid King** prize.

DISTINGUISHED VISITORS

Professor Oleg Bogoyavlenskij of Queens University, Canada

Professor David Avis of McGill University, Canada.

DEPARTMENT OF PHYSICS

Patrick Chin, BSc Lond-UCWI, PhD UWI – Head of Department

WORK OF THE DEPARTMENT

Teaching

The undergraduate programme in Levels 2 and 3 was extensively revised and upgraded to take into account the advances in technology and the changes in the needs of the students. Courses at these levels are now four credits each with the exception of one course which remains at the old rating of eight credits. It is hoped that the increased flexibility in the programme will match more closely the career choices of the students.

The MSc in Digital Technology entered its second year and the first set of students should complete this programme at the end of Summer 2001.

The Introductory Physics laboratory, Lecture Room C, the Seminar Room and the Main Office were refurbished to improve the appearance of the physical plant and this exercise is to be carried out in the General Physics laboratories during the next academic year.

Academic staffing continued to be problematic with the departure of both Dr. Igor Peidous and Dr. Claude McNamarah and temporary arrangements have been made to ensure that certain courses continue. On the bright side the department was pleased to note the promotion of **Dr. Anthony Chen** to the post of Professor of Applied Physics.

Dr. Michael Taylor developed a P14A Introductory Physics web page from which students can obtain relevant course information along with past examinations and tutorials.

Research

The Department hosted a 5-day Caribbean Climate Data Workshop in January 2001. This was organized by Dr. Michael Taylor in conjunction with Dr. T. Peterson of the National Climate Data Center in the USA and jointly sponsored by UWI, WMO, NOAA OGP and NASA.

Data managers from eighteen meteorological services across the Caribbean, representatives of four regional entities interested in Caribbean climate and experts in data quality assessment, climate change and Caribbean climate combined to establish suitable climate change indices and data format for a database which will be accessible to all participating institutions.

Mr. Trevor Hall attended an intensive 3-month course on Climate Modelling at Columbia University during the first half of 2001 and this significantly improved his research capability.

Dr. Michael Taylor underwent individualized training in climate research at the Atmosphere/Ocean/Marine Laboratory (AOML) in Miami, USA in August 2000 and was an invited participant in the Workshop on Climate and Coastal Communities in Hawaii, USA in November 2000. He also attended the conference "Caribbean Observations in a Global Context" in Bridgetown, Barbados in February 2001.

Dr. Joseph Skobla established links with Marconi Canada-BAE Systems from whom a GPS development system was received and Microchip Inc, USA who donated development kits for microcontroller studies.

Dr. Michael Taylor received an IAI-PESCA grant of US\$26,000 for a project entitled "When Oceans Conspire: The Effect of Concurrent SST Anomalies in the Tropical Atlantic and Pacific"

RESEARCH IN PROGRESS

Climate Studies

Dr. A. Amarakoon

- Work continued on Enso effects on sugar cane yields in Jamaica.
- Global radiation is being studied using meteorological data.
- The wind energy resources of the island have been modelled and digital maps have been produced to indicate wind speed and power.

Prof. A. Chen and Dr. M. Taylor

- The dynamic link between early season Caribbean rainfall and Atlantic and Pacific sea surface temperature in the year following an El Nino event was investigated using statistical techniques and numerical experiments with a general circulation climate model.

Prof. A. Chen and Ms. T. Stephenson

- The spatial and temporal link between Caribbean rainfall and Atlantic and Pacific sea surface temperature and wind shear is being studied using canonical correlation analysis(CCA).

Prof. A. Chen and Mr. T. Hall

- Work on investigating the correlations between hurricane predictors and late season rainfall and on generating a statistical prediction model

Dr. M. Taylor

- The interannual variability of Caribbean climate continued to be examined, with an emphasis on determining the primary forcing factors which drive/cause change.

Electronics

Dr. L. Myers and Ms. S. Williams

- Work is continuing on the analysis and comparison of different types of photovoltaic modules for use under local solar conditions.

Dr. L. Ngalamou and Mr. R. Paharsingh

- A project on hardware compilation for image compression using optimized wavelet and coding algorithms is near completion.

Dr. L. Ngalamou and Mr. C. Donaldson

- The design of a Petri-Fuzzy software tool for discrete event controllers

Dr. L. Ngalamou and Mr. D. Emanuel

- Analysis and synthesis of VHDL cores libraries for high-speed power line transceiver design

Dr. J. Skobla

- A GPS mobile data acquisition system was implemented using a GPS module along with a laptop computer. The experimental data was compared with a Jamaican road map and its accuracy evaluated.

Dr. J. Skobla and Mr. A. Young

- The communication microprocessor board hardware and software for the GPS mobile data acquisition system are now under development.

Astronomy

Prof. J. Lodenquai

- *Spotted-Star Models:*
Investigating the correlation between spotted-star models in binaries and binary period
- *Quantum – Classical Transition:*
The quantum to classical transition is being investigated with the harmonic oscillator being used as the specific example.

PAPERS PRESENTED

A.M.D. Amarakoon

- “Results from a preliminary case study on climate and sugar cane yield in Jamaica” Agrophysics 2000: International Conference; Havana, Cuba (Dec 2000)

A. Chen, D. Amarakoon, M. Taylor and T. Hall

- “Socio-Economic Impacts and Implications for Future Climate Change in the Caribbean” Global Change Open Science Conference, Amsterdam (Jul 2001)

D. Amarakoon and A. Chen

- “A study on wind power in Jamaica” Americas Conference in Wind Engineering – 2001; Clemson, SC, USA (Jun 2001)

L. Myers

- “High Quality Ultra Thin HfO₂ Gate Stack Prepared by In-Situ RT-MOCVD Process” The Electrochemical Society 199th Meeting (Mar 2001)
- “Current Research in Photovoltaics at the UWI Mona Campus” Jamaica Solar Energy Association Seminar, Kingston, Jamaica (Oct 2000)

Lucien Ngalamou and Harold Campbell

- “Diabetic Information Appliance” Proceedings of JamCon 2000, IEEE Ocho Rios, Jamaica (Aug 2000)

Lucien Ngalamou and Patrick Dyer

- “Modelling of an Environmental Control System for Poultry Farms” Proceedings of JamCon 2000, IEEE, Ocho Rios, Jamaica (Aug 2000)

M. J. Ponnambalam

- “Implications of Some Laws of Physics for Society” Summer Meeting, American Association of Physics Teachers, Canada (Aug 2000)
- “Physics Majors Upper-Division Curriculum in Jamaica” Summer Meeting, American Association of Physics Teachers, Canada (Aug 2000)

M. A. Taylor

- “The Caribbean Climate Data Workshop: Successes, Failures, Lessons Learnt”. Technical Meeting, Caribbean Observation in a Global Context, Barbados (Feb 2001)

PUBLICATIONS**Refereed****A. A. Chen and A. M. D. Amarakoon**

- * “Generation of Electricity by Wind Turbines at Munro” *Jam. J. Sc. Tech.* 10 53-78, 1999 (May 2001)

Lucien Ngalamou, Andrew Dixon and Daniel Coore

- * “Petri Nets-to-VHDL Code Generation” *Proc. Int. Conf. Man Systems and Cybernetics 2001* Orlando, USA (June 2001)

PUBLIC SERVICE

Dr. A. Amarakoon

- Member, Project Steering Committee in Jamaica for the United Nation Framework Convention of Global Climate Change

Dr. A. Chen

- Member, Renewable Energy Committee, NCST
- Member, Drought Management Committee, ODPEM
- Country Representative, Inter-American Institute (IAI) for Global Change Research

Dr. P. Chin

- Commissioner, Broadcasting Commission
- Vice-Chairman, Appliance Testing and Labelling Committee, Jamaica Bureau of Standards
- Member, Physics Panel, CAPE Examinations

Prof. J. Lodenquai

- External Examiner, Physics, Joint Board for Teacher Education
- External Examiner, Physics, Associate Degree in Natural Science, CASE

Dr. J. McTavish

- External Examiner, Physics, Joint Board for Teacher Education

Dr. M. A. Taylor

- Member, Caribbean Climate Forum Steering Committee

CATEGORIES OF STUDENTS 2000/2001

Undergraduate

<u>Course</u>	<u>No. sat exam</u>	<u>No. passed</u>	<u>Pass rate/%</u>
P04A Preliminary Physics A	73	60	82
P04B Preliminary Physics B	78	46	59

P14A	Introductory Physics A	117	77	66
P14B	Introductory Physics B	104	77	74
P23B	General Physics I	15	7	47
P24A	Electronics I	31	26	84
P24B	Electronics II	30	22	73
P33A	General Physics II	4	2	50
P33B	General Physics III	7	6	86
P33D	Environmental Physics	6	6	100
P34A	Electronics III	38	29	76
P34B	Electronics IV	35	26	74

A First Class Degree with Majors in Electronics/Physics was awarded to **Ms. Simone Millwood**.

Prizes

The Departmental Prizes for academic performance in Level 2 courses were awarded to **Ms. Simone Millwood** and **Mr. Akeel Herdsman**.

The Francis Bowen Bursary for Physics was awarded to **Mr. Akeel Herdsman**.

The Florence Sulph/Chance Memorial Bursary was awarded to **Ms. Simone Millwood**.

Postgraduate

Mr. Rudolph Brissett completed his MPhil degree on “Unequal Error Protection Using Convolutional Codes”. His supervisor was Dr. Janak Sodha.

DISTINGUISHED VISITORS

Dr. Oscar Arango World Meteorological Organization Regional Office, Costa Rica.

Dr. Victor Rueda Centro de Ciencias de la Atmosfera, UNAM, Mexico.

Prof. Ian Freeston University of Sheffield, UK.

SCHOOL OF CONTINUING STUDIES

Year ending July 31, 2001



**Professor Lawrence D. Carrington, BA (Hons) *Lond-UCWI*,
PhD *UWI* – Director**

OVERVIEW

The mission of the School of Continuing Studies (SCS) is to provide opportunities for lifelong learning through a variety of high quality programmes designed to contribute to the social, cultural and economic development of the people of the Caribbean region. The School is committed to continually enhancing the intellectual development of the Caribbean in all spheres so that all may benefit from having a regional university system. The units of the SCS in Jamaica are the **Caribbean Child Development Centre (CCDC)**, the **Social Welfare Training Centre (SWTC)**, the **Trade Union Education Institute (TUEI)** and the **University Centres in Montego Bay** and in **Kingston**.

In the year under review, the CCDC, SWTC and TUEI continued to conduct their normal range of activities in academic training, research, technical assistance and public service. Despite the limited resources and the constraints on resource generation, these units made considerable achievements and sustained their collaborative work with a number of local, regional and international bodies.

The School experienced a reduction in enrolment in the Montego Bay Centre, a matter it proposes to address aggressively now that its physical location and facilities have been improved to a competitive level. The work of the specialised units continues to be influential in child-care and development, trade union training and social work.

No separate report is submitted for the Human Resource Development Unit, which is staffed by a single voluntary staff member, **Dr. Phyllis MacPherson-Russell**. Dr. Russell completed the final report on the major training and development activities conducted by the School in collaboration with the Unit for Advanced Training in Fertility Management of the Faculty of Medical Sciences. The School's work in health and family life education has been paramount in advancing the CARICOM Multi-Agency Health and Family Life Education Project.

The Office of the Director implemented its offer of a Certificate in the Management of Non-Governmental Organisations in association with the Council of Voluntary Social Services of Jamaica (CVSS). The development of a sub-degree programme in public sector management advanced significantly during the academic year under review.

CARIBBEAN CHILD DEVELOPMENT CENTRE

Janet Brown, BA *Hanover Coll (Ind.)*, MSW Col.
– Tutor/Coordinator

WORK OF THE DEPARTMENT

Continuing Education

CCDC implemented a training programme for early childhood workers to pilot test the Level I curriculum developed in collaboration with the Institute of Education and the National Council for Technical and Vocational Education and Training. The National Vocational Qualification of Jamaica (NVQ-J) Certificate for Level I was awarded to successful participants. Twenty-two female students completed the course and all but two achieved the NVQ-J certificate. All costs of the pilot were covered by UNICEF Jamaica.

Outreach

As part of its activities, the CCDC sponsored and/or organised several seminars and conferences throughout the year, including the following:

- *The National Consultation on Early Childhood Sector Survey and Assessment for St. Vincent and the Grenadines*, held in Kingstown, St. Vincent, November 14-15, 2000. Fifty-five (55) Early Childhood personnel in direct service and training participated from all districts of St. Vincent and the Grenadines. A Task Force was selected to implement the action plan and the CCDC is to lend technical support to the Task Force.
- *Implementing the Caribbean Plan of Action for Early Childhood Care Education and Development in Suriname*, held in Paramaribo, Suriname, December 6-7, 2000. A significant outcome of the conference was the establishment of a Suriname plan of action and an inter-ministerial task force to oversee the work over the next two years. The plan will be funded in part by UNICEF, with consultancy support from IDB.
- *National Policy for Early Childhood, Care Education and Development*, held in St. Georges, Grenada, February 22-23, 2001. The conference saw the adoption of a policy for Grenada with

standards for the early childhood sector and plan of action for the next two years.

- *Next Steps with Children*, held at Mona, May 2-3, 2001. This seminar celebrated CCDC's 25 years of work on behalf of children and recognized all the supporting persons and organizations that made it possible. It also stimulated discussion on key issues to direct CCDC's future work.
- *The Second Regional Parenting Conference*, co-sponsored by Parenting Partners (Jamaica) and the Government of St. Lucia, held in Castries, St. Lucia from June 27-29, 2001. The conference aimed at assisting early childhood programme directors and parenting educators to make more effective partners of local and regional media.

Other departmental outreach programmes/projects included the following:

Child Focus II – Strengthening Early Childhood in the Caribbean. The project aims at increasing public awareness and mobilizing national commitment for early childhood development in seven participating countries (Suriname, Guyana, Bahamas, Barbados, Jamaica, Belize and Trinidad and Tobago). Other collaborators are the UNICEF Caribbean Area Office, the Institute of Education and the Inter-American Development Bank.

Inner-city community drama group of Hope for Children Development Company. The project produced a video based on a CCDC-conducted workshop on parent-child relationship themes. UNICEF Jamaica supported production of a facilitator's guide to accompany the video for use by parenting/school groups.

Collaboration

During the year, the CCDC collaborated with external agencies including the following:

- National Council on Technical and Vocational Education and Training (NCTVET Jamaica). The Centre also contracted writers and edited Levels I and II curricula for trainers and students of Early Childhood Education, Care and Development.
- Ministry of Education, Early Childhood Unit and Sir Arthur Lewis Community College, St. Lucia to plan Level II and III Certification for St. Lucian Early Childhood personnel, linked to NCTVET certification system. St. Lucia subsequently linked to NCTVET directly for negotiation of a programme leading to an associate degree at the Community College.

- Ministry of Housing and Social Services and T.A. Marryshow Community College, Grenada.
- Government of Jamaica (PIOJ) and UNICEF on a Strategic Review of Early Childhood Sector of Jamaica.

Institutional cooperation within SCS and UWI

CCDC donated library materials to the new Early Childhood Resource Centre of the Institute of Education and secured the server link for computer internet services at that Centre using funds provided in the Child Focus project.

CCDC joined with other UWI child-focused departments/colleagues to form the Children's Issues Coalition (ChIC), which will produce an annual journal, titled *Caribbean Childhoods* in early 2002. The primary objective of ChIC is to undertake collaborative research and related projects related to children's well-being and to effect other planning and programming synergies within UWI.

CCDC also convened a monthly lunchtime series of informal research seminars on issues of child development and parenting for UWI and external research colleagues.

RESEARCH IN PROGRESS

- Review of Caribbean Fatherhood initiatives with support from the Bernard van Leer Foundation.
- Profiles Project (in partnership with the Department of Child Health, UWI, and funded by the Inter American Development Bank). The Profiles Project came to an end with the following significant outcomes:
 - A case study on the development of indicators for children in early childhood, published in 2001 by the Consultative Group on Early Childhood Care and Development.
 - The selection of nineteen indicators of child-well-being for Jamaica including measures of the quality of learning environments.
 - A new tool for monitoring child development for use by teachers, health and paraprofessional workers.
 - Identification of new research areas in parenting including a tool for measuring parental stress and preparation for parenting.

- Project reports entitled *A Profile of the Status of Jamaican Pre-School Children and their Learning Environments* and *Selecting Jamaican Indicators of Child-Well-Being: A Scientific Approach*.
 - A manual for parents and caregivers *Raising a young child in Jamaica*.
- **Technical Assistance to Eastern Caribbean Governments in ECECD** (funded by UNICEF Caribbean Area Office). This project has had the following notable outcomes:
- A survey of the quality of early childhood centres in St. Lucia.
 - The development of priorities for the Early Childhood Task Force in St. Vincent and the Grenadines.
 - The development of policy papers, support to a national consultation process, preparation of a survey on the quality of early childhood provisions, formulation of policy and implementation strategy, development of training and certification in Grenada.
 - The development of an inter-ministerial task force of the Ministries of Health, Social Services and Education to advance the Caribbean Plan of Action in Suriname.
 - The development of standards, a proposed regulatory framework and legislative reform for early childhood services in Trinidad and Tobago.
 - A survey of the quality of early childhood centres in Montserrat.

PAPERS PRESENTED

- “Fatherhood: Perspectives from Egypt, Jamaica and Peru” 10 p. 3rd International Fatherhood Conference 2001. Jointly with Estela Santa Cruz Flores (Peru) and Soumaya Ibrahim (Egypt), May 29, 2001.
- “The Status of Early Childhood Provisions in Dominica.” Presented by Sian Williams and Francis Joseph at School of Continuing Studies Country Conference, Roseau, Dominica, January 2001.

PUBLICATIONS

Refereed

- * Brown, Janet and Barry Chevannes. "Redefining Fatherhood: a report from the Caribbean"; *Early Childhood Matters*, Vol. 97, p. 25-37, Bernard van Leer Foundation; The Hague. 2001.

DEPARTMENTAL PUBLICATIONS

Caribbean Link for Early Childhood Education, Care and Development, a quarterly newsletter for early childhood and parenting colleagues within the Caribbean region.

PUBLIC SERVICE

Janet Brown

- Treasurer, Parenting Partners Jamaica
- Honorary member: Fathers' Incorporated.

SOCIAL WELFARE TRAINING CENTRE

**Lincoln Williams, BA Econ/Phil East Anglia, PGCE Lond
MA Urban Educ, Lond, Dip. in Youth and Community Work, Thames
– Tutor/Coordinator**

WORK OF THE DEPARTMENT

The Social Welfare Training Centre (SWTC) continues to offer quality training to para-professional social workers and takes a leading role in several development areas related to the social work profession.

Continuing Education

During the period under review, the Centre completed the piloting of the Diploma in Youth in Development Work. This programme was offered to 168 students marking a significant development in the training of youth workers across the Caribbean. Seventy percent (70%) of the students completed the course successfully. After completion of the external evaluation, the Centre will improve the effectiveness of the coordination of the programme.

SWTC delivered its annual Course in the Principles and Practice of Social Work, the Certificate in Social Service, and a number of seminars and various short courses for social welfare agencies. The Course in the Principles and Practice of Social Work continues to be one of the most popular offerings of the Centre. The 2001 Course had (59) participants from seven (7) countries. Twenty-two Jamaican students did their field placement in Puerto Rico.

The Centre experimented this year by offering the Certificate in Social Services (CSS) on a part-time basis in response to the increasing number of students wanting to do the course but who could not afford to take the time off work to do so.

Outreach

The Centre also took the lead role in convening the *Fifth Biennial Conference of the Association of Caribbean Social Work Educators* in the Bahamas. The conference attracted participants from the United States of America, Canada, England, Africa, India and the Caribbean and was extremely successful. The Centre is also coordinating the production of the

first volume of a new journal for the social work profession, *Caribbean Journal of Social Work*.

Public Lectures, Seminars & Conferences sponsored or organized

“The relationship between exposure to community violence and psychological trauma.” **Professor Beth Rosenthal**, York College, May 31, 2001

Domestic violence June 19, 2001

Collaboration with external agencies

Jamaica Social Investment Fund (JSIF) – The SWTC has collaborated with the JSIF in training NGOs, developing training materials and supporting CBOs in the implementation of projects funded by JSIF.

UNDP Life Programme/Participatory Methodology – The Centre created a training video on the use of participatory methods for social workers.

The Commonwealth Youth Programme (CYP) – The Commonwealth Youth Programme funded the Diploma in Youth in Development Work through the Guyana office with assistance from Jamaica and the other Caribbean countries. The Tutor/Coordinator coordinated this with assistance from the Head, University Centres, Country Coordinators and Local Tutors from each country.

Institutional cooperation within SCS and UWI

Department of Sociology and Social Work – SWTC works closely with this Department in the delivery of the Certificate in Social Service and Course in the Principles and Practice of Social Work. The Tutor/Coordinator also functions as an examiner for two courses offered by the Department.

RESEARCH IN PROGRESS

- National Tracer Study on the effectiveness of the training by the National Youth Service, Ministry of Labour, Youth and Sports, Jamaica, 1995-2000.

PAPERS PRESENTED

- “Training of Youth Workers”, Joint Conference of the International Federation of Social Workers and the International Association of Social Work. Mc Gill University, Montreal, Canada, July 23 – August 3, 2000.
- “Sexual Violence and Exploitation of Children in Jamaica: Implications for Research”, 29th ICSW International Conference on Social Welfare, Cape Town, South Africa, October 23-27, 2000.
- “The Impact of Violence on Adolescents in Jamaica”, Council for Social Work Educators, Dallas. March 7-15, 2001.
- “Training of Youth Workers in the Caribbean”, 1st Pan-Commonwealth Partner Institution Meeting, Goa, India, June 28 – July 8, 2001.
- “Human Resource Development based on the Centre’s experience in the School of Continuing Studies with the implementation of the Diploma in Youth in Development Work”. The Second Meeting of the Directors of Youth CARICOM Council for Human and Social Development (COSHOD), Port-of-Spain, Trinidad and Tobago, May 7-9, 2001.
- “The Official Discourse on Youth in St. Kitts-Nevis”, Beyond Walls. Multi Disciplinary Perspectives, St. Kitts-Nevis: School of Continuing Studies, University of the West Indies, 2000.

PUBLICATIONS

Refereed

Lincoln Williams

- * “Social Work Education in the West Indies with Special reference to the programmes of the University of the West Indies”. *Social Work Education*, 20 (1): 57-72, 2001.
- * “Violence and Youth in Jamaica: Paradise Lost”. *International Journal of Adolescent Medicine and Health*, 11 (3-4): 283-312. 2001.

PUBLIC SERVICE

Lincoln Williams

- Chairman, Editorial Board, *Caribbean Journal of Social Work*
- President, Association of Caribbean Social Work Educators
- Member, Committee for the development of training for non-governmental organisations, SCS
- Member, International Association of Schools of Social Work (IASSW)
- Member, CARICOM – Jamaica Youth Programme Advisory Board
- Member, CARICOM Council for Human and Social Development (COHSOD)
- Co-Chairman, University of the West Indies Golf Classic Committee

TRADE UNION EDUCATION INSTITUTE

Marva A. Phillips, MSc Johns Hopkins
– Tutor/Coordinator

WORK OF THE DEPARTMENT

The Institute continued its work with trade union personnel in the Caribbean assisting them to function more effectively and efficiently in their various areas of responsibility within the trade union movement.

Continuing Education

The Tutor/Coordinator taught Human Relations & Communication in:

- Principles and Practice of Social Work offered by the SWTC
- Regional Intermediate Course for Industrial Relations Practitioners
- Advanced Course for Union Delegates

The TUEI devoted considerable time to the design and development of a Certificate in Labour Studies for delivery from January 2002. The programme is designed to deliver foundation level education and training in labour studies to meet UWI matriculation requirements. The TUEI will offer this programme throughout the region in collaboration with labour colleges and university centres in NCCs. The objective of this certificate programme is to strengthen the capacity of industrial relations practitioners to effectively represent the interest of their members through the enhancement of their professional & managerial skills. It will also streamline the current offerings and provide a more structured and professional approach to certifying professionals in labour studies.

Outreach

Public Lectures, Seminars & Conferences sponsored or organized

- The TUEI hosted a Symposium on the Life and Works of National Heroes Rt. Excellent Marcus Mosiah Garvey and Rt. Excellent Sir Alexander Bustamante, from Wednesday, November 8-10, 2000.

- The 83rd Regional Intermediate Course for Industrial Relations Practitioners was held between September – October, 2000 with 28 participants.
- The Advanced Course for Union Delegates was held on July 2001 with 19 participants.

Institutional Collaboration

Ms. Marva Phillips represented the UWI as alternate on the ILO Project Advisory Committee on Programme for the Promotion of Management-Labour (PROMALCO).

RESEARCH IN PROGRESS

- Educating Trade Unionists. A case study of the Trade Union Education Institute's work from its inception.
- Caribbean Women in Trade Unions. The impact of women on the Caribbean Trade Union Movement.
- Trade Unions & the Media. An examination of the relationship between trade unions and the media.

PUBLIC SERVICE

Ms. Marva Phillips

- Chairperson, Jamaica Confederation of Trade Unions Women's Committee
- Member, Council of the Jamaica Confederation of Trade Unions
- Member, Permanent Salaries Review Board, Ministry of Finance
- Member, Pastoral Council, Roman Catholic Archdiocese of Kingston
- Caribbean Representative, (Caribbean Congress of Labour) to Regional Inter-American Workers Association
- Representative, Jamaica Confederation of Trade Unions to the ICFTU/ORIT Continental Congress, Washington D.C.

WESTERN JAMAICA – MONTEGO BAY

Vilma Clarke, BA UWI, FLMI, MBA Nova
– Head & Resident Tutor

WORK OF THE DEPARTMENT

The competitive environment of Montego Bay affected the work of the School significantly during the transition of 2000-2001.

Continuing Education

The most significant event of the year in review was the relocation of the offices of the School of Continuing Studies to **Harrison House**, located on the grounds of Cornwall College. Situated on a rise, overlooking the harbour and the city of Montego Bay, the new Centre has been enthusiastically received by staff and students. The School plans to capitalise on the preferred location and the new amenities.

Collaboration

Business alliances were established with two other institutions in Montego Bay, the National Development Foundation of Jamaica and the Human Relations and Training Services. These two institutions possess areas of competence that are complementary to the School. For the future, there may be partnerships for workshops and seminars in Continuing Professional Development with these two institutions.

Enrolment

SCS enrolment for the academic year under review showed a drastic decline when compared to previous years. Overall, approximately 100 students enrolled which represented one-third of the normal Christmas term numbers. In an effort to increase numbers, students were for the first time allowed to enrol over the three terms. This resulted in only a minimal increase in numbers. This practice also meant that record-keeping measures had to be re-examined.

A total of 96 new and returning students registered for this academic year. Females continue to dominate the programme. However males represent approximately one-third of the total number of students on record. There were some outstanding examination results in economics and management. Introduction to Statistics also showed a marginal improvement over last year's results. As is customary, the students in education continue to return good results despite the many administrative challenges to be encountered with this programme. Throughout the year students in all programmes expressed their desire for shorter completion time for distance education programmes to make them more in line with similar programmes being offered by offshore universities.

Programme Enrolment 2000-2001

Programme	Christmas	Easter	Summer
Introduction to Computers	11	17	7
Business Management	12	7	7
Social Work	16	15	17
Marketing	8	9	9
Supervisory Management – 1 year	18	18	18
Early Childhood Education	12	10	11
Journalism	7	7	5
Managerial Accounting	5	7	7
Supervisory Management – 10 week	11		7
Microsoft Word	–	–	11
Microsoft Office	–	–	8
TOTAL	100	90	107

Outreach

The school hosted the Emancipation Museums Workshop for Children. The programme was put on by the Institute of Jamaica in an effort to sensitize the young to the many interesting aspects of Jamaican culture. The school benefited, as a close link was established between the school and the Institute, as well as with the St James Chapter of the Heritage Society. The Resident Tutor was also invited to participate in a Conflict Resolution and Mediation Workshop hosted by the North West St James Constituency in association with the Canterbury Community, an inner city area plagued with many social challenges.

Other community activities of the resident tutor involved making presentations at Mt Alvernia High School Careers Day programme.

The Resident Tutor provided assistance to 11 graders preparing for the CXC English Exam and also organized a Study Skills workshop for young people at the Faith Temple Church. The Resident Tutor was also invited to make the opening address to the Riverside Open Bible Church women's organization as a part of their week of celebrations. The Resident Tutor continued to teach and oversee the community literacy class convened at Faith Temple Church with the help of JAMAL.

As a part of its public relations strategy, the School organized a "Young Artist" Competition with the students of Cornwall College. Fourteen paintings were selected and the contestants were awarded prizes. The paintings are now on permanent exhibition at Harrison House.

The Resident Tutor also participated in the National Development Foundation of Jamaica entrepreneurship programme geared toward making young people self sufficient. A short presentation, highlighting the offerings of the School was made to the participants. One outcome of the meeting was that the School offered a partial scholarship to one participant to pursue one of its short computer courses. Another presentation was also made to the members of one of the Police Youth Clubs of Montego Bay.

Seminars and Conferences

The Resident Tutor participated in the following conferences and seminars:

- Train the Trainer Workshop
- Lifelong Learning for All: Strategies for the creation of a learning society.
- Expo 2000 – The Digital Divide: Connecting Institutions Technologies and Communities

- Inaugural Conference of the Association of Caribbean Higher Education Administrators

PUBLIC SERVICE

Vilma Clarke

- Member, Montego Bay Community College Scholarship Committee
- Member, International Third World Leaders Association
- Member, American Society for Training and Development
- Member, Jamaican Council for Adult Education
- Member, Association of Caribbean Higher Education Administrators
- Secretary, Munro PTA Western Chapter.

EASTERN JAMAICA – SOUTH CAMP ROAD

Kenneth Carter, BSc Ind., MBA W.Mich.
– Head & Resident Tutor

WORK OF THE DEPARTMENT

Continuing Education

The Centre has again concluded another difficult and trying year. In the context of economic difficulties and ever-increasing competition in educational products, we conceptualized, developed and pursued a survival strategy that focused on our competitive advantage in **Computer Education**. The Centre spent scarce resources on hardware and software acquisition and upgrade, programme modification and enhancement, in order to increase our competitive edge. A measure of our success can be seen in that over 32% student enrolment in our professional courses was within computer education.

This focus represents over 50% of our total income at present and is the most cost effective in our array of activities. Among our new computer courses is the Caribbean Examination Councils' (CXC) Information Technology course. For this course, we prepared and entered 41 students of whom 40 were successful gaining grades 1 & 2. Although this course is normally offered as a two year course, the School was able to construct and manage the programme in such a way that students were fully prepared for a successful sitting of the examination in less than nine months.

Enrolment

During the year under review, our total student enrolment stood at eight thousand nine hundred and thirty nine (8939) of whom, 23.3% were males and 73.7% were females.

A profile of the graduates appears below:

Courses	Graduates	Distinction	Credit
Computer Programmes	1254	557	518
Business & Management Programmes	238	122	105
Public Relations	33	3	2
Psychological Studies	208	98	97
Early Childhood Education	57	17	28
Practical Home Nursing	52	10	29
Intensive 10-week Programmes	301	67	139

RESEARCH IN PROGRESS

- Why Small Business Fail in Jamaica – Causes and Prevention.
- Gambling in Jamaica – a Socio-Economic Analysis
- Job Evaluation – Methodology and Socio-Economic Implications.

PUBLIC SERVICE

The Resident Tutor continues to give consultations and to give lectures and speeches in the areas of his expertise and interests, and teaches courses in Economics, Finance, Small Business Management, Manpower Planning and Development and Industrial Psychology.

Programme Enrolment
September 2000 – July 2001

Computer Studies	Total	Psychological Studies	Total
Courses		Courses	
IMBA	823	General Psychology	117
MSWord, Excel Powerpoint	126	Child Psychology	82
MSWord, Excel Powerpoint, Access	119	Social Psychology	98
		Personality & Behaviour	96
Information Technology	119	Counselling	254
Advanced Excel	232	Early Childhood Education	191
Advanced Word Processing	240	Practical Home Nursing	156
Advanced Database	108		
Advanced Networking	116		
Professional Studies	Total	Academic Programme	Total
10-Week Intensive Courses		GCE Advanced Level	
Supervisory Management	245	Accounts	101
Financial Management	80	Sociology	106
Fundamentals of English	37	Law	71
Male Female Relations	44	History	26
Speech Writing & Public Speaking	93	Government & Politics	25
Customer Relations & Telephone Techniques	55		
Small Business Management	115		
Marketing & Sales	60		
Two Year Courses		GCE Ordinary Level	
Personnel Management	186	Mathematics	659
Business Studies	1239	English	749
		Accounts	418
One Year Courses		Principles of Business	116

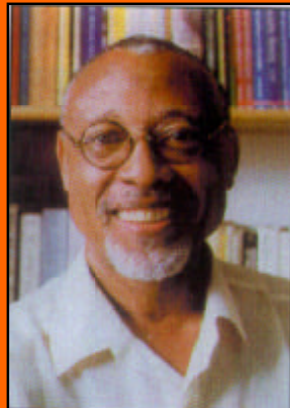
Supervisory Management	501	Human & Social Biology	126
Marketing	259	Spanish Beginners (conversational)	81
Production & Operation Management	21	Spanish Intermediate (conversational)	35
Managerial Accounting	103	Commerce	28
Public Relations	98	Office Procedures	114
Small Business Management	40		

TOTAL ENROLLED

8939

FACULTY OF SOCIAL SCIENCES MONA

Year ending July 31, 2001



**Professor Barrington Chevannes, MA, *Boston Coll*, MSc *UWI*,
PhD *Coll* – Dean**

DEAN'S OVERVIEW

Despite our many well-known weaknesses – the large student body and low staff-student ratio compared to other faculties, the large size of many courses, our relatively inadequate space, the youthfulness of most of our staff, the coarse and deteriorating behaviour and attitudes of many students, the Faculty finds itself in a better state than it was a year ago. Morale has improved, a greater degree of collegiality is evident, and there were no complaints of poor teaching, but instead reports of excellent teaching, and a greater preoccupation with research is evident.

The most significant way of ensuring the consolidation of the gains made and of successfully tackling the identified weaknesses will be finding ways to develop our sense of being a community.

Academic Staff

The Establishment

The Faculty of Social Sciences comprises an establishment of one hundred and six (106) members, broken down as follows:

Professors	18
Senior Lectures	24
Lecturers	63
Senior Librarian	1

The distribution across departments over the past academic year shows that this complement remained constant from the previous year when an increase of five (5) was realized.

Non-Establishment

For various reasons, therefore only, 85% of these posts have been filled with tenure – track or contemporary staff. In addition, the Faculty continued to rely heavily on thirty-one (31) Associate Lecturers and nine (9) Teaching Assistants.

The group of Associate Lecturers is little known and even less integrated into the Faculty. A step in the right direction was made with the decision to change their nomenclature from Part-time to Associate Lecturer and to accord them certain privileges. However, **an overall assessment of part-time teaching is urgently required.**

Teaching

Of the two hundred and four (204) courses taught throughout the Faculty, all were evaluated in Semester I and one hundred and sixty-four (164) in Semester II by the students, who gave all the lecturers positive ratings.

The tutorial system, which has undergone considerable changes over the past thirty years, continues to be relied on by three of our four undergraduate teaching departments. Still they remain extremely useful, and despite the sheer magnitude of the course enrollments, which have forced the existing average size up to twenty (20) and caused one (1) Department to experiment with a workshop format accommodating up to fifty (50), they ought to be retained. Apart from lecturers who tutored in their own courses, the number of tutors drawn from the postgraduate students numbered sixty-five (65).

Conferences and Seminars

Conferencing and activities continued at a satisfactory rate. The number of academics who reported participation in international conferences and seminars (including those held on the campus or in Jamaica) was twenty-five (25).

Over the year the Faculty became the focus of a number of stimulating conferences and seminars put on by the members of staff.

- Mona Academic Conference on Human Resource, August 2000
- The Annual Derek Gordon Seminar, October 2000
- Launch of a Centre for Caribbean Thought, February 2000
- 2nd International Conference on Crime and Criminal Justice System in the Caribbean February 2001
- The Millennium Budget and Critical Issues in Education, Health and Security in Jamaica, April 2001

Research and Publications

Refereed and Non-refereed Publications were as follows:

	Books	Book Chapters/Articles
MSB		
SALISES		
DOMS		
SOC/PSY/SW	2	4
ECON	–	3
GOV	3	8
CHTM	–	1
TOTAL	5	16

The Summary is incomplete and does not include accepted and forthcoming works. Despite the apparently low numbers, there is a marked though uneven improvement in this area of performance. The following are some of the contributing factors:

- Facilitating the attendance at conferences outside the region, an initiative that has been on-going for the past several years. In the year under review academics were given support to the tune of J\$570,000
- Facilitating research assistance amounting to nearly J\$350,000
- Pressure exerted for appointment and promotion
- Completion of the PhD by a number of staff members

Other initiatives that have helped are:

- The Faculty Retreat in April 2001, which focused on research.
- The taking up of the one SALISES research fellowship post (in the past year only one of the possible two posts was requested; this year, 2001-02 both have been requested)
- The Principal's emphasis on research and publication, through the annual Research Day, post-doctoral award scheme, and the Research Day prizes for the best publications and research activities
- Finding creative ways to link our TEACHING with RESEARCH
- The Ford Foundation Endowment, which provided funding for all 15 proposals.

Faculty Board

Attendance at the Faculty Board meeting improved significantly, a sign that the morale of our staff has been improving, despite the well-known constraints of heavy teaching loads for many, and the lack of space. In this latter regard, the additional facility being built will go a considerable way to addressing the space problem, though indications are that it will be short in some respects.

Outreach

The Faculty's outreach to the extra-mural community continued at a high level.

The Craig Town Initiative became institutionalized under the name **Partners for Peace**. Twelve communities are involved in this project. A coordinator was appointed full-time. Its greatest success has to be the continued peace in Craig Town and August Town. The rating of the University is very high in both communities. (Bennett Land remained at peace, but has lapsed from the group). Through funding from the Environmental Foundation of Jamaica, three scholarships were awarded to community activists from Cockburn Gardens and Drewsland to attend a four-month Certificate Programme run by the Social Welfare Training Centre of the School of Continuing Studies. Two Scholarships were awarded to two Craig Town young people to attend the Pre-University School run by Taylor Hall, but only one took it up and the other migrated.

Nineteen young people participated in a summer course in Dispute Resolution put on by the Dispute Resolution Foundation. Thirteen successfully completed.

Among the failures were:

- The inability to involve more than SIX lecturers (three FSS and three FAE) and thirty students. Four others were willing, but the readiness of the communities was lacking.
- The failure to award credits to the students involved.

There is no doubt, however, that *Partners for Peace* has been successful in making the peace hold in Craig Town and August Town and, in the case of Craig Town, in influencing at least one neighbouring community, Benbow Street, in achieving peace and joining the group. In the coming months leading up to General Elections *Partners for Peace* will be tested, as efforts are already being made to return to a state of hostilities between communities.

The Crime Initiative: Led by the Faculty, fifty-four academics, largely from the UWI Mona, but including University of Technology, other tertiary institutions in Jamaica, John Jay College, and UWI Cave Hill, came together to produce a strategic response to Jamaica's crime and violence problem. The document was presented at a security workshop convened by the Prime Minister, but its impact in influencing policy was very minimal. Special thanks to:

Professor Bernard Headley, FSS
Dr. Anthony Harriot, FSS
Professor Fredrick Hickling, FMS
Professor Wilma Bailey, FPAS

Tremendous and valuable service continues to be given by our academics to the public and private sectors, and civil society. In what is a well-kept secret, they chaired or served as members of over seventy (70) governing Boards and Committees. Among the institutions served were the Senate, the Planning Institute of Jamaica, Statistical Institute of Jamaica, the Institute of Jamaica, the Council of Voluntary Services, the National Planning Council, various Ministries NGOs, multilateral agencies, educational institutions and large companies. This list does not include voluntary or paid consulting activities, for which their expertise was sought, nor their leadership in work for editorial boards of learned journals and committees of learned societies, nor activities of a small core in helping to shape public opinion through the regular writing for the press. **This virtually unknown or unnoticed work for our faculty needs to be publicized more, not least to meet the oft-repeated charge that "the University not doing anything" to assist the wider society.**

GRADUATE TRAINING

During the 2000-2001 Academic Year the Faculty continued its attempt to increase the emphasis of work on graduate students, without neglecting the undergraduates. The background to this was a combination of factors:

- The fact that undergraduate enrollment had reached, if not exceeded, the limits our resources;
- Our strategic plan, in keeping with the University's to increase enrollment at the graduate level;
- The realization that our hope for restoring the high intellectual atmosphere of the Faculty lies among committed graduate students.

Accordingly, we undertook initiatives first at the MPhil/PhD level and secondly at the Master's level.

Postgraduate Enrollment

The total postgraduate enrollment in the Faculty is as follows:

	1998	1999	2000
MPhil/PhD	515	516	40
MSc			492
MBA			175
EMBA	86	85	64
TOTAL			771

The main decline has been in the MBA/EMBA programme.

Throughput

The overall throughput rates have been improving, as evidenced by the numbers graduated in the Academic year 1999/2000. Even though data are unavailable for the period 1998/99, 2000/2001 our past experiences can vindicate this claim.

Throughput average time to complete 1999/2000

FULL-TIME		PART-TIME		TOTAL	
No. of Students	Av. Yrs to Grad	No. of students	Av. Yrs. to Grad	No. of students	Av. Yrs. to Grad
MSc					
123	1.81	256	2.99	379	2.61
PhD					
1	2.00	—	—	1	2.00

Based on experience in the past, it is evident that progress is being made in getting through the research paper in a timely manner. Much more can still be done if the summer months could be designed exclusively for research.

One Department, the Mona School of Business, undertook a very extensive review of its Masters programmes and successfully reformed the curricula.

The Graduate computer Lab, which continued to operate under a swipe-card security system, was equipped with eight additional computers.

A reception for all the new graduate students took place at the beginning of the academic year and was well-attended by seventy (70) of them, but clearly not the majority.

The decision was taken to shift the use of Summer school resources for aiding undergraduate to aiding postgraduate students. For the academic year

2000-2001, sixteen (16) postgraduates received tuition and research assistance below 210,000.

Eleven (11) postgraduate students were given travel and subsistence support amounting to over 206,000 to attend conferences within and outside of the region. The Caribbean Studies Association has now become the platform for them to gain valuable academic experience. **Feedback from them and from academics in attendance indicates that not only the quality of their presentations remains high, but their participation is being seen and spoken as a model for other universities.**

Undergraduate education

Despite our attempt to increase the emphasis on graduate training, undergraduate education constituted the main burden of work and consumed most of our modern resources.

Admissions

	1999	2000	2001
A-Level	373	327	333
Certificate*	23	33	11
Other**	158	172	121
TOTAL	554	532	465***

The Faculty sought to maintain its policy of admitting 75% of undergraduates on the basis of A-Level matriculation. On average though, this figure is 66%.

Enrollment

Year	Full-time	Part time	Total
1998/1999	1824	1311	3135
1999/2000	1857	1341	3189
2000/2001	1716	1312	3028

Enrollment by Gender

Year	Male	Female
1998/1999	1017	2633
1999/2000	1025	2733
2000/2001	1028	2748

* inclusive of CPA, CMS, Teacher's certificate etc.

** inclusive of qualified O'Levels qualified degrees and associates, diplomas, Matriculation Board, UWI Part !! from Antigua, St. Lucia etc

*** Students are still registering, especially those accessing Student Loan

Programmes

The top programmes in the Faculty continue to be Management Studies and Accounting closely followed by International Relations and Psychology.

Rounded Graduate

The available figures indicate a marked improvement in our turnout of first and upper-second class graduates.

First and Upper second class graduates as a percentage of total BSc graduates

1998/1999 – 29.5%

1999/2000 – 32.9%

The trend towards double majors continued unabated. The question needs to be addressed whether double-majoring within the University and the Faculty, consumes more of our resources than is reasonable.

Communications Officer

In an effort to begin creating the kind of experience that would make them loyal and active graduates, the post of Administrative Officer (communications) was created. Among the year's achievements have been:

- Data Bank Alumni
- Production of an Alumni newsletter
- Production of an alumni website (live by November)
- Guidance in the production of a graduating class yearbook
- Dean's Breakfast Club

The Dean's Breakfast Club singles out and honours two categories of students – those who maintain an A-average, and those who exhibit overall leadership and rounded characteristics while maintaining a high academic profile. Three breakfasts have been hosted at Protocol House for a total of seventy-four (74) students. We now need to expose these students to seminars, to meet distinguished visitors, to interact with staff and with members of the Campus and University Administration, and so forth. Developed with care, this group could be a useful asset to the Faculty in our mission. They should be targeted for recruitment to our postgraduate programmes.

Cultural Programme

During the academic year, the Faculty continued its policy of cultivating the artistic sensibilities of its' students, as part of the effort to give them a rounded education. Numerous art exhibitions were hosted which have all been well received by both the University Community and the public at large.

DEPARTMENT OF ECONOMICS

Michael Witter, BSc III, MSc, PhD Wisc – Head of Department

WORK OF THE DEPARTMENT

The work of the Department of Economics for 2000-1 consisted of a range of academic, administrative, and public activities.

Teaching

The review of both the undergraduate and graduate curricula has continued. Some streamlining of the quantitative and economic theory courses in the undergraduate programme is taking place. Work continues on the first year programme. A proposal for a new degree in banking and finance is being finalized. Additional technical services are being contracted to assist in the review and reform process.

The **MSc programme** has formalized a research seminar for graduates to complement classroom instruction. Several leading decision-makers in the public and private sectors made presentations to the students.

A proposal for an MSc in International Economics and Law awaits the identification of resources to teach the law component of the degree.

The Thomas De La Rue company established a scholarship for a Caribbean student pursuing the MSc degree in economics.

Once again, the internship programme that places the high performing students in public and private institutions as research interns was very successful by mutual evaluation. The host institution gets the use of some skills at minimal cost and the student gets the exposure to and the experience of the working world. The Department was able to place interns in regional institutions, in national public institutions in Jamaica, Trinidad and Tobago, Barbados, and in private companies in Jamaica during the summer for periods of 6 – 8 weeks.

Faculty Seminar

The Department again organized a successful seminar series. Presentations were made by members and by special guests. Topics included, “Understanding Productivity Growth in the Caribbean” presented by Vanus James; “The Potential and Feasibility of the Tobin Financial Transaction Tax: An Overview” presented by Nikolaos Karagiannis; “Political Business Cycles in Jamaica” (1960 – 2000) Jide Lewis; “The Welfare Effects – Balance of Payments Reform: A Macro-Micro Simulation

with application to Jamaica” presented by Damien King and Ashu Handa; and “ Methods for Pricing Call Options on Insurance Policies” by Robert Chambers.

Conferences

Members of the Department made twenty three (23) presentations at fourteen (14) conferences and symposia, nine (9) in Jamaica and five (5) abroad.

Outreach

The main Outreach activities were the organizational role the Department played in the Principal’s annual Mona Conference in August 2000, and in hosting its annual – Symposium on the Budget of the Jamaican government. The Department hosted fewer symposia than in the previous year in order to concentrate its efforts and resources on the internal development of the Department.

Regrettably, the high school lectures formerly sponsored by the George Beckford Foundation were discontinued. The Foundation cited financial constraints and advised against the hiring of the successor to the current George Beckford Professor, **Dr. Alfred Francis**.

Staffing

Some success was achieved with the hiring of Dr. Wayne Henry as a lecturer. Dr. Henry is a recent PhD graduate from Ohio State with a specialization in Finance. Recruitment continues to be a high priority as the Department has 4 vacancies at the lecturer level and 2 vacant professorships. The Department has been relying on temporary and part-time staff, most of whom perform satisfactorily to well.

It took 11 months to replace the Administrative Assistant. Mrs. Sharon Melbourne joined the Department on July 1. The rest of the staff rallied admirably to take up the administrative slack.

Administration

The Department has been updating and streamlining administrative procedures, reorganizing processes and implementing Information Technology solutions where possible for greater efficiency and scope of activity.

The Department’s web site has become one of the main sources of information for the students and the public.

Information Technology

The Department prepared an IT plan at the beginning of the year, but made little progress in implementing it for want of resources.

Research

The Faculty responded to the challenge of increasing the research output of the Department. Table 1 presents a summary of the work.

Table I: Indicators of the Activity of the Department of Economics, 2000-2001

Activity	Number
Research	
Refereed Publications	7
Non-refereed Publications	5
Papers submitted and forthcoming	8
Research projects in progress	28
Papers presented at conferences & symposia	23
Undergraduate	
Number of Undergraduate courses taught	22
Number of Undergraduate students taught	711
Number of BSc Economics	416
Number of BSc Statistics	45
Number of BSc Economics & Management	97
Number of BSc Economics & Accounting	148
Graduate	
Number of Graduate courses taught	18
Number of Graduate students taught	41
Number of MSc degrees awarded	16
University Service	
Number of University committees served	10
Public Service	
Number of Public Institutions & Committees served	18
Outreach programmes and activities	6
Inputs	
Professors	1
Senior Lecturers	4
Lecturers – fulltime	7

Lecturers – temporary	1
Lecturers – part-time	8
Administrative Assistant – Sharon Melbourne joined in July	None for 11 months
Secretaries – 1 Secretary went on 3 months leave	3
Offices	16
Budget	‘000
Allocated	372
Actual Expenditure	517

Two of our members, **Drs. Damien King** and **Dillon Alleyne** were presented with awards at the recently concluded Research Day. Dr. King was awarded for the best publication, and Dr. Alleyne was awarded for his research activity. Publications covered a wide range of topics: macroeconomic policy, foreign exchange markets, taxation and gender, education and gender, Caribbean economic thought, crime, and resource valuation. The body of research already submitted and ongoing suggests an increasing trend in research output.

RESEARCH IN PROGRESS

Dr Dillon Alleyne

- ‘The Impact of Crime on Tourist Arrivals in Jamaica. A Transfer Function Analysis’, (with Ian Boxill)
- ‘The 20/20 Initiative in Jamaica’, (with Aldrie Henry-Lee, SALISES).
- ‘Tax Reform in the Caribbean Region’.
- ‘Taxation and Work Effort in Jamaica. The Econometrics of Piecewise Linear Budget Constraints’, (with Alfred Francis)
- ‘The Performance of the Currency Demand Deposit Ratio in CARICOM’, (with Claremont Kirton)
- ‘Government Deficits and the term Structure of Interest Rates: Granger causality and Co-integration’.

Mr Mark Figueroa

- Economic thought in the English-speaking Caribbean: The 2nd Half of the 20th Century
- Using Electoral Statistics to Track the Garrison Process in Jamaica.

Dr Marie Freckleton

- Agricultural Trade Reform: Implications for CARICOM
- Post-Lome Trade Arrangements and CARICOM's Economic Prospects

Dr Edward E. Gartey

- “Monetary Policy and Deficit Financing in Jamaica.”
- “Empirical Analysis of the Financial Experiences of Mexico and Jamaica in the Mid 1990's.”
- “Exchange Market Pressure and Reserve Fluctuations: The Mid 1990's Mexican experiences.”
- “Exchange Market Efficiency: Perspectives from Four Emerging Markets.”
- “Exchange Market Pressure and Optimal Foreign Exchange Regime in Jamaica.”
- “Random Walk as a Universal Test of Weak-form Foreign Exchange Market Efficiency. A Theoretical Proof.”

Dr Godfrey Gibbison

- An Investigation of the factors that influence Primary School Attendance in Jamaica, (with Dr Nittala Murthy)
- The development of a Proxy Means Test for Jamaica for Targeted Social Programs.
- A Preliminary Study of the Impact of Child-Shifting (Informal fostering) on Jamaican Children.
- The Aggregate Burden of Violent Crimes on the Jamaican Economy.

Dr Wayne Henry

- “Financing Agriculture in Jamaica: An Assessment”

Dr Damien King

- “The Welfare Effects of Balance of Payments Reform: A Macro-Micro Simulation with Application to Jamaica”.
- “Comparative Economic Growth in the Caribbean”.

Mr Claremont Kirton

- The Performance of the Financial Sector in Jamaica during the 1990s.
- The Performance of the Financial Sector in Jamaica during 1970's.
- White-collar crime in Jamaica.
- Informal financial activities: The experience of Pyramid schemes in Jamaica.
- Behaviour and determinants of currency to demand deposit ratios in the Caribbean, (with Dillon Alleyne)

Dr Nittala Murthy

- “Primary School Attendance in Jamaica”, (with Godfrey Gibbison)

Dr Michael Witter

- “Indicators of the informal Economy in Jamaica”.
- “Music and the Jamaican economy”.
- “The Political Economy of Jamaica in the era of NAFTA”.

PAPERS PRESENTED**Dr Dillon Alleyne**

- “The Impact of Crime on Tourist Arrivals in Jamaica: A Transfer Function Analysis”, (with Ian Boxill). Presented to The 2nd International Conference on Crime and Criminal Justice in the Caribbean, Renaissance Jamaica Grande, February 14-17, 2001.
- “Public Finance and the Cycle: Implications for the 2000/1 Budget”, (with Nadine Pryce). Symposium, The Millennium Budget and Critical Issues in Education, Health and Security in Jamaica, UWI, Saturday March 3rd, 2001.
- “Taxation and Female Labour Supply in Jamaica”. The Annual Review Seminar, The Central Bank of Barbados, July 25-29, 2000.
- “The 20/20 Initiative in Jamaica”, (with Aldrie Lee). Symposium on Budgetary Policy in the 1990's, Implications for the 1999/2000, UWI, January 29, 2000.

- “Scenarios for the 2000 Budget. What can be done?” (with Lennox Elvy and Marjorie Sergee). Symposium on Budgetary Policy in the 1990’s, Implications for the Millennium Budget, UWI, January 29, 2000.

Mr Mark Figueroa

- “The Growing Impact of Jamaican Garrison Politics, Does the 1997 election signal a break in the trend?” (with Amanda Sives), 2nd International Conference on Crime and Criminal Justice in the Caribbean, Department of Government, Mona, Feb 14-17, 2000.
- “Economic Thought as a Constraint on the Contribution of Economists to Caribbean Society” Workshop on the Role of Economists in Caribbean Societies, Port of Spain, March 24, 2001.

Dr Edward E Ghartey

- “Is the Current Foreign Exchange Regime in Jamaica Optimal?” XXXII Annual Monetary Studies Conference, Kingston, Jamaica, October 30 – November 2, 2000.
- “How Efficient is the Foreign Exchange Market in Jamaica?” Department of Economics, UWI, Mona, Kingston, Jamaica, September 21, 2000.
- “Testing Exchange Market Efficiency in an Emerging market,” Athenian Policy Forum’s International Conference on Global Economy: Challenges and Opportunities for the 21st Century, Athens University of Economics and Business, Athens, Greece, August 26, 2000.

Dr Damien King

- “Comparative Economic Growth in the Caribbean”, Workshop on Modelling, Montelimar, Nicaragua, July 2001.

Mr Claremont Kirton

- “Crime in Jamaica: a preliminary analysis”, (with A. A. Francis, L. Elvy, and T. Christie). 2nd International Conference on Crime and Criminal Justice in the Caribbean, Kingston, February 2001.
- “Jamaica’s External Debt: Estimation, Analysis and Policy Implications”. Association of Development Agencies. March 2001.

- “A preliminary analysis of the Jamaican 2001/2002 Budget: Implications for economic growth”, Jamaica Conference Board Forum, April 2001.

Dr Nittala Murthy

- “Non-coverage rates in Official Labour Force Surveys: Experiences in Jamaica ” 53rd Session of the International Statistical Institute August 22-29, 2001 at Seoul, Korea.
- “Basic Population Data Collection Methods in the English Speaking Caribbean: Progress in Establishing Population Registration Systems”. 32nd Annual meeting of Southern Demographic Association October 11-13, 2001, Miami, USA.

Dr Michael Witter

- “Consensus and Economic Development in the Caribbean”. Annual Conference on Economic Development Hosted by the Eastern Caribbean Central Bank, St. Kitts, October 5-6, 2000
- “Central Banking within a Caribbean Consensus”. XXXII Annual Conference of Monetary Studies, Bank of Jamaica, October 30 – November 2, 2000

PUBLICATIONS

Refereed

Dr Dillon Alleyne

- * ‘The Dynamics of Employment, Growth and Economic Reforms in Jamaica’, *Social and Economic Studies*, UWI, Mona. Vol. 51, March 2001[52 pages].

Mr Mark Figueroa

- * “Peasants, Plantations and People: Continuities in the Work of George Beckford and W. Arthur Lewis”, in Christine Barrow and Rhoda Reddock (eds) *Caribbean Sociology: Introductory Readings*, Ian Randle, Kingston, Markus Wiener, Princeton and James Curry, Oxford, 2001, pp 929-939

Dr Edward E. Gartey

- * “Macroeconomic instability and inflationary financing in Ghana.” *Economic Modelling*, 2001, volume 18, number 3, pp. 415-433.

Dr Godfrey Gibbison

- * “A First Look at the Relationship between a Mother’s Marital Status and the Educational Attainment of her Children in the Jamaican Context” *Social and Economic Studies*, Vol. 49, No. 4, December 2000, pp. 223-262.

Dr Damien King

- * “Changes in the Distribution of Income and the New Economic Model in Jamaica,” *Social and Economic Studies*, March 2001.
- * “The Evolution of Structural Adjustment and Stabilization Policy in Jamaica,” *Social and Economic Studies*, March 2001.

Non-Refereed

Dr Dillon Alleyne

- * “Employment, Growth and Reforms in Jamaica”, United Nations Economic Commission for Latin America and the Caribbean, Series No. 60, Santiago Chile, 2000 [72 pages].
- * “Taxation and Female Labour Supply in Jamaica”, (with Prof. A. Francis). *Central Bank of Barbados, Working Papers*, 2000.

Prof. Alfred Francis

- * “Taxation and Female Labour Supply in Jamaica”, (with Dr. Dillon Alleyne) *Central Bank of Barbados, Working Papers*, 2000.

Dr Godfrey Gibbison

- * “Resource Valuation Exercises for the Ocho Rios Marine Park”. Report for Friends of the Sea and the Centre for Marine Sciences, UWI, April 11, 2001.

Dr Damien King

- * “Balance of Payments Liberalization, Poverty, and Distribution in Jamaica,” in Enrique Ganuza, Ricardo Paes de Barros, Lance Taylor, Rob Vos (eds.), *Liberalización, Desigualdad y Pobreza: América Latina y el Caribe en los 90*, UN Press, 2001.

PUBLIC SERVICE

Dr Dillon Alleyne

- Member, Survey of Living Conditions (SLC), Steering Committee
- Official reviewer, Chapter on Consumption of the SLC Report for the Planning Institute of Jamaica (PIOJ)
- Presenter, Annual George Beckford Lecture series in Economics to “A” Level High School Students in the rural areas

Prof. A Francis

- Board Member, St. Aloysius School
- Board Member, CAFSA Foundation
- Member, panel of assessors on “Recognition of Outstanding Researchers” for Research Day 2001

Dr Edward E. Ghartey

- Member, Advisory Board, North American Economics and Finance Association
- Member, Editorial Board, Journal of Undergraduate Studies

Dr Godfrey Gibbison

- Member, National A.I.D.S. Committee, Ministry of Health, Jamaica
- Member, Informal Sector Study Task Force, Planning Institute of Jamaica

Dr Wayne Henry

- Member, Technical Review Committee, Agricultural Support Services Project (Inter-American Development Bank and Government of Jamaica)

Mr Claremont Kirton

- Member, Board of Directors, Association of Development Agencies, Jamaica

Dr Michael Witter

- Member, Board of Management of St. George’s College
- FINSAC representative, Board of Directors of the Dyoll Group of Companies
- Vice-Chancellor’s representative, Executive of the Council for Voluntary Social Services.

CATEGORIES OF STUDENTS

Graduating Statistics – 2000/2001

Class of Degree Obtained					
	1 st	Upper 2 nd	Lower 2 nd	Pass	Total
BSc Economics (Special)				1	1
BSc Economics (Major)	10	27	32	10	79
BSc Economics (Minor)	5	10	30	5	50
BSc Business Economics and Social Statistics	1	3	1	–	5
BSc Statistics (Major)	2	4	1	–	7
BSc Statistics (Minor)	–	3	1		4
MSc Economics (three with distinctions)				14	17

Registrations by Programme and Status

	Full time	Part time	Total
BSc Economics (Special)	12	4	16
BSc Economics (Major)	211	69	280
BSc Economics (Minor)	67	53	120
MSc Economics	40	2	42
BSc Business Economics & Social Statistics (Special)	20	12	32
BSc Statistics (Major)	22	10	32
BSc Statistics (Minor)	11	2	13

DEPARTMENT OF GOVERNMENT

Brian W. Meeks, BSc, MSc, PhD UWI – Head of Department

WORK OF THE DEPARTMENT

This was a year of celebration. The range of seminars and conferences successfully staged, alongside an expanding body of research and publications, suggests the growing maturity of the Department.

The Centre of Caribbean Thought was launched in February 2001, with special guest speaker, poet and historian, **Professor Kamau Brathwaite** of New York University. The Centre is attached to the Department and is "...an interdisciplinary Centre for the fostering and development of Caribbean thought beyond the artificial linguistic barriers of the region". Its first activity, held immediately following the launch was a seminar entitled "Towards an Encyclopaedia of Caribbean Thought". Specially invited panelists discussing this theme included: Horace Campbell from Syracuse University, Lewis Gordon, Paget Henry and Anthony Bogues from Brown University, Glen Sankatsingh from the Caribbean Reality Studies Centre in Aruba, Enrique Dussel, Visiting Professor at Harvard University and Rupert Lewis and Erna Brodber from the University of the West Indies.

In February also, the Department hosted an International Conference on **Crime and Criminal Justice in the Caribbean**. Some 51 papers were presented by 56 panelists. These represented 25 universities in 11 countries. The event, coordinated by Dr. Anthony Harriott, attracted considerable interest in the local and regional press as well as newspapers and radio in Canada and the United States.

The Department's activities began in October 2000 when it hosted Special Advisor to the Commonwealth Secretariat, Mr. Carl Dundas, who spoke in the UWI Distinguished Lecturer series on "Electoral Reform in the Commonwealth".

In November, **Professor Percy Hintzen**, outgoing Chair of African American Studies at the University of California, Berkeley, delivered two lectures, on "Race, Nationalism and Postcolonial Crises in the Caribbean" and "Identity Formation among West Indian Migrants in the US: Strategic Responses to Racist Imageries of African-Americans". Later that month, Caribbean Political Thought students under Professor Rupert Lewis' direction hosted their own course-based seminar entitled "Towards an African Caribbean Philosophy". And, at the end of the month, former

Jamaican Ambassador to Venezuela, Matthew Beaubrun, delivered a lecture on “Caribbean-Latin American Affairs: Past Errors, Future Prospects”.

In March 2001, the Department collaborated with the Ministry of Foreign Affairs and Foreign Trade to host a seminar on **“The Role and Function of the Commonwealth”**. Special guest speaker was Minister of Foreign Affairs Paul Robertson. The panelists included Trinidad and Tobago High Commissioner Dennis Francis, Canadian High Commissioner John Robinson, British High Commissioner Anthony Smith, Jamaican Ambassador Don Mills and Mrs. Lisa Vasciannie from the Department of Government. In a related activity, Dr. Jessica Byron and Ms. Alison Anderson acted as facilitators for an important meeting of retired Jamaican ambassadors in April. The purpose of the successful event was to think through ways in which the vast experience of these public servants might be brought to bear on the country’s international affairs.

April was a particularly busy month. On the Seventh, Alison Anderson’s annual simulation exercise for final year International Relations students was held. The entire GT38M class hosted a World Youth Conference, entitled **“Vision and Action for Human Rights: A challenge to youth in the New Millennium”**. The student delegates, in an established tradition, competently represented the views of eighteen countries on a range of matters pertaining to the welfare of children and young people.

On April 12, Dr. Christine Cummings, in what is also a growing tradition, hosted high school students, undergraduates and faculty to a seminar/teach-in entitled ‘Cricket Lovely Cricket’. The event, anchored around her “Sports, Politics and Society” course, sought, through video presentations and discussion, to teach the history of West Indian cricket as well as the finer points of the game.

In May, the Department, in cooperation with the Reggae Studies Unit and through the efforts of Dr. Clinton Hutton, organized and hosted the second annual symposium on important figures in popular Jamaican music. This year, the featured artiste was guitarist Ernest Ranglin, one of the region’s preeminent musicians and a founding father of popular Jamaican music. An enthusiastic crowd attended the event, which ended with a memorable concert featuring Mr. Ranglin and a range of leading Jamaican musicians.

And also in May, the Department, in association with the Management Institute for National Development (MIND) hosted a seminar on **“Executive Agencies in Action: A New Form of Governance”**. A range of presenters, led by Professor Edwin Jones and including Cabinet Secretary Dr. Carlton Davis, Contractor General Derrick McKoy and former Solicitor General Dr. Ken Rattray, critically discussed the specific issues associated with the creation of executive agencies and of reforming the public sector.

Other visitors to the Department included Dr. Karin Arts, lecturer in International Law and Organization at the Institute of Social Studies in The Hague, His Excellency, Dr. Alfonso Munera, the Colombian Ambassador to Jamaica and His Excellency Mr. Jose Luis Vallarta, the Mexican Ambassador. Dr. Arts addressed matters of human rights and development cooperation, while the ambassadors spoke on the politics and history of their respective countries. Dr. Harold McDougall from Howard University, in an experimental programme aimed at expanding our course offerings, joined the Department temporarily and taught a new course in the 2001 summer school to an appreciative group of undergraduates. It was entitled: “Comparative and International Environmental Law and Policy”.

During the year, the Department launched three books. In September, **Dr. Anthony Harriott** launched his novel study *Police and Crime Control in Jamaica: Problems of Reforming Ex-Colonial Constabularies*. In December, **Dr. Brian Meeks** launched *Narratives of Resistance: Jamaica, Trinidad, the Caribbean*. And, in March, the Department hosted the launching of our former graduate student **Dr. Holger Henke's** book *Between Self Determination and Dependency: Jamaica's Foreign Relations, 1972-1989*.

The Department continued to play a central role in the Faculty of Social Science's outreach programme, under the label “Partners for Peace”. **Dr. Clinton Hutton** remained the coordinator for the Craig Town initiative in which a number of students and members of Faculty have volunteered to teach in Craig Town, August Town and other inner city communities.

The Department in continuing its drive to broaden its academic horizon introduced eight new courses. At the graduate level they were GT61E–Regulation and Regulatory Reform and GT62H–Regionalism in a Globalized Age. The undergraduate courses included GT23B–The Criminal Justice System, GT29E–Administrative Analysis, GT29F–Contested Issues in Public Administration, GT30C–Values and Public Administration, GT33C–Punishment and Corrections, GT33D–Violence and Development and GT35E–Latin American Politics and Development.

This year, the innovative Foreign Study programme initiated a graduate exchange with the University of Aix-en-Provence, Marseilles, France. The first participant was Ms. Farrah Brown who completed her courses successfully. There were a record number of students receiving first class honours. Two were successful as straight International Relations majors, two with joint majors in Public Administration/International Relations and two with joint majors in Political Science and International Relations. One member of the International Relations group, Ms. Melissa McNeil, later attained a Fulbright Scholarship and is now studying at Fordham University in New York. Ms. Dana Lewis, another of the first class

recipients, won a French teaching Assistantship at the University of Rennes and spent the last year there. Two MSc students, Judith Reid and Claudine Blackwood were awarded summer fellowships at the Central University of Europe to pursue a programme on the United Nations and sustainable human development. This was the cap on an active year for our graduate students. Their participation in a variety of international conferences, in particular, the annual Caribbean Studies Association Conference, is now an anticipated and highly appreciated practice.

Throughout the year **Professor Trevor Munroe** developed collaboration on behalf of the University of the West Indies with the US Council on Foreign Relations on a policy relevant research project: "Reinventing border management in the age of globalization." **Dr. Jessica Byron**, who has anchored our graduate programme for many years, was promoted to senior lecturer. We congratulate her. The academic year, however, ended on somewhat mixed emotions. We welcomed the return of **Dr. John Rapley** from his fellowship at Georgetown University, but sadly bade goodbye to **Dr. Anthony Bogues**, who has gone to teach at Brown University and **Ms Alison Anderson**, who, after more than fifteen years in the academy, has started a new career in the public sector. **Mr. Lindsay Stirton** who spent two years teaching Public Administration returned to take up a position at the London School of Economics. And, **Dr. Stephen Vasciannie** received a Smuts Fellowship in order to spend a year of research at Wolfson College, Cambridge. The Department wishes them all well in their future endeavours.

RESEARCH IN PROGRESS

Dr. Jessica Byron

- A Case Study of Caribbean Negotiations: the Cotonou Agreement.
- Gender and International Relations: Caribbean Perspectives.
- Small Size and a Neo-liberal World Order: Caribbean Responses to a Changing International Political Economy.
- Uncharted Waters: OECS Diplomacy in a Changing Security Environment.
- CARICOM/CARIFORUM: International Trade, Regional Integration and Civil Society in 1998-1999.

Professor Edwin Jones

- Revisiting Westminster: Jamaica's Adaptations (Rethinking of MSS in progress).

Professor Rupert Lewis

- Marcus Garvey's Assessment of Daily Life in Jamaica and the West Indies in the 1930s.

Dr. Brian Meeks

- Caribbean Subalternism: A History and Interpretation.
- "Reasoning with Caliban: A Critical Reading of Paget Henry's 'Caliban's Reason: Introducing Afro-Caribbean Philosophy'".
- "Reinventing the Jamaican Political System".
- "The Frontline: Valentino, Pablo Moses and Caribbean Organic Philosophy in the Seventies".

Professor Trevor Munroe

- The Ganja Situation in the Caribbean
- Modern Democratic Governance with Particular Reference to Issues of Anti-corruption, Accountability and Transparency
- Caribbean Democracy and Globalization
- Jamaican Industrial Relations and Labour Market Reform
- Drugs and Democracy in the Caribbean.

Dr. John Rapley

- The Crisis of the Neo-liberal Regime
- Understanding Development
- Convergency: Myths and Reality
- Employment, Productivity and Inflation: Fallacies of the New Economy.

PAPERS PRESENTED**Dr. Jessica Byron**

- "International Governance Implications of the Cotonou Agreement" – FES Regional Seminar on the Cotonou Partnership Agreement Between ACP Countries and the European Union, October 10-11, 2000.
- "The CARICOM/CARIFORUM Sub-region in 1999-2000: Towards New Models of Regional Governance?" – INVESP Workshop for the Second Anuario de la Integración Regional en el Caribe, Kingston, October 15, 2000.

- “Gender Distribution of Academic and Administrative Staff and Gender Policies in general on the Mona Campus of the UWI”, joint presentation (with Anne Crick, Jennifer Knight-Madden and Lorna Parkin) at the Association of Commonwealth Universities Workshop for Women in the Management of Higher Education, Barbados, January 13-20, 2001.

Dr. Anthony Harriott

- “Policing in Racially Divided Societies”, American Society of Criminology, San Francisco, November 2000.
- “Leadership in the Security Forces: The Present Challenges”, Think Tank 2000, Ocho Rios, Jamaica, November 2000.
- “The Crisis of Public Safety and the Prospects for Change in Jamaica”, Conference on Re-inventing Jamaica: A Conversation about the Renewal of a Diasporic Society, Columbia University, February 2-3, 2001.
- “Transforming the Jamaican Security Forces: Improving Effectiveness and Efficiency”, Seminar on the Budget, Department of Economics, February 2001.
- “Transforming the Jamaican Security Forces: Improving Effectiveness and Efficiency”, The Education in Defense Security Studies Seminar REDES 2001, Centre for Hemispheric Defense Studies, Washington D.C., May 22-25, 2001.
- “Crime Control and Police Reform in the Caribbean”, Presentation at Fourth Joint Meeting of the Inter-Governmental Task Force on Drugs and (CARICOM) Ministers Responsible for National Security, St. John’s, Antigua, June 13-14, 2001.
- Delivered three presentations as Visiting Faculty at Seminar on Hemispheric Security Defense Studies, July 2001.

Professor Edwin Jones

- “Strategic Management in the Public Sector”, International Seminar for Senior Public Executives – sponsored by CAPAM, the Commonwealth Secretariat and the School of Public Policy, Birmingham University, UK, August 20-24, 2001.
- “Executive Agencies: A Manifesto Against Administrivia”, Department of Government, Mona Conference on Executive Agencies in Action: A New Form of Governance, UWI, Mona, May 19, 2001.

- “Institution Building for Local Governance”, Government of the Commonwealth of Bahamas National Conference on Local Governance and Reform, Nassau, Bahamas, March 19-22, 2001.

Professor Rupert Lewis

- “Sharing Experience on Best Practices in Democracy Building in the Caribbean: the Relationships between Peace, Security, Democracy and Development”, Fourth International Conference of New or Restored Democracies, UNDP Conference, Cotonou, Benin Republic, December 4-6, 2000, 37 pp.
- “Marcus Garvey and the Early Rastafarian Movement” – VIIth Interdisciplinary Congress on Caribbean Critical Cultures – Cultural Critiques”, Society for Caribbean Research, University of Vienna, July 4-7, 2001, 24 pp.

Dr. Brian Meeks

- Organised and chaired the Seminar “Towards an Encyclopaedia of Caribbean Thought”, UWI, Mona, February 24, 2001.
- “Reinventing the Jamaican Political System”, Institute for Research in African-American Studies, Columbia University, February 2-3, 2001.

Professor Trevor Munroe

- “What is the Value of a Freedom of Information Act in Fighting Corruption”, Freedom of Information Seminar sponsored by the Gleaner Company and the Carter Center, Hilton Kingston, Jamaica, September 12, 2000.
- “Improving Work-place Relations – Lessons from the Bauxite-Alumina Memorandum of Understanding Experience”, Jamaica Employers Federation 2000 Convention, Ocho Rios, Jamaica, August 2000.
- “Transforming Jamaica’s Industrial Relations – the Jamaican Bauxite-Alumina Memorandum of Understanding”, Conference on Jamaica’s Development, Colombia University, New York, February 2, 2001.
- “Democracy and Globalization”, Distinguished Lecture Series, Bermuda Community College, Bermuda, February 24, 2001.
- “Civil Society and Democracy”, Panel – United States Embassy, Jamaica, May 11, 2001.

PUBLICATIONS

Refereed Books

Dr. Anthony Harriott

- * “Policing and Crime Control: Problems of Reforming Ex-colonial Constabularies”, The University of the West Indies, Press, 2001, 231 pages

Dr. Brian Meeks

- * “Caribbean Revolutions and Revolutionary Theory: An Assessment of Cuba, Nicaragua and Grenada” (Reprint with a Foreword by Anthony Maingot) The University of the West Indies Press, 2001, 210 pages.
- * “New Caribbean Thought: A Reader” (ed) with Folke Lindahl, The University of the West Indies Press, 2001, 540 pages.
- * “Narratives of Resistance: Jamaica, Trinidad, the Caribbean”, the University of the West Indies Press, 2000, 256 pages.

Refereed Articles:

Dr. Jessica Byron

- * “The CARICOM/CARIFORUM Sub-region in 1999-2000: Towards New Models of Regional Governance?” Chapter in *Anuario de la Integración Regional en el Gran Caribe 2001*, Nueva Sociedad, Caracas, 2001.
- * “The English-Speaking Cocolos: Migration Cycles, Identity and Regionalism in the Leeward Islands”, Chapter in proceedings of the UWI School of Continuing Studies Conference in St Kitts, April 1999.

Professor Rupert Lewis

- * “Reconsidering the Role of the Middle Class in Caribbean Politics” in Brian Meeks and Folke Lindahl (eds.) *New Caribbean Thought: A Reader*, the University of the West Indies Press, 2001, pp. 127-143.
- * “The African Renaissance and the Caribbean”, *South African Journal of International Affairs*, Vol. 8, No. 1, Summer 2001, pp. 53-65.
- * “The Significance of the Garvey Movement among West Indians Builders of the Panama Canal” in *West Indian Participation in the Construction of the Panama Canal* – Publication of the Proceedings

of Symposium held at the University of the West Indies, Mona, Jamaica, pp. 61-64.

Dr. Brian Meeks

- * “On the Bump of a Revival”, Introduction to *New Caribbean Thought: A Reader*, Brian Meeks and Folke Lindahl (eds.), The University of the West Indies Press, 2001, pp. viii-xx.
- * “The Political Moment in Jamaica: The Dimensions of Hegemonic Dissolution”, in *Dispatches from the Ebony Tower: Intellectuals Confront the African American Experience*, Manning Marable (ed.), Columbia University Press, 2000, pp. 52-74.

Non-refereed Articles

Professor Edwin Jones

- * Policy Paper No. 2 “An Agenda for Reform”, Report to CIDA on the status of the Jamaica Public Sector Modernization Project, December 2000.
- * Policy Paper No. 3, “An Agenda for Reform”, Report to CIDA on the status of the Jamaica Public Sector Modernization Project, July 2001.

Dr. Brian Meeks

- * “Jamaica’s Michael Manley (1924-97): Crossing the Contours of Charisma”, in Anton Allahar (ed) *Caribbean Charisma: Reflections on Leadership, Legitimacy and Populist Politics*, Ian Randle, Kingston and Lynne Rienner, Boulder Colorado, 2001, pp 192-211.

PUBLIC SERVICE

Dr. Jessica Byron

- Facilitator/Moderator, workgroup in the ADA National NGO Workshop on the FTAA, November 2000
- Facilitator/Moderator, workgroup on Governance and Human Rights in the ADA/Ministry of Foreign Affairs National Consultation Conference between Jamaican NGOs and CARICOM, June 2001
- Rapporteur, conference on Jamaican Retired Ambassadors, May 2001
- Visiting Lecturer, Instituto de Estudios Caribenos, Universidad Nacional de Colombia, Sede San Andres, San Andres Colombia, March 12-18, 2001.

Dr. Anthony Harriott

- Member, Selection Committee, Fulbright Graduate Programme
- Member, Crime Management Board of the Jamaica Constabulary Force
- Member, Community Policing, Jamaica Constabulary Force
- Crafting of PIPS – a joint Government – Private Sector plan for security in the Kingston industrial zone (for the JMA)

Professor Edwin Jones

- Board Member, Public Services Commission (Jamaica)
- Board Member, Planning Institute of Jamaica
- Chairman, Reform of JCF ‘Reshaping the Organization Board’
- Editorial Board: *Journal of Public Management*, (Aston UK)
- Editorial Committee, *Caribbean Journal of Public Sector Management*, (MIND, Jamaica)
- Special Advisor, Ministry of Tourism

Professor Rupert Lewis

- Chairman, African-Caribbean Institute of Jamaica/Jamaica Memory Bank
- Member, Council of the Institute of Jamaica
- Chairman, Friends of Liberty Hall

Dr. Brian Meeks

- Chairman, The Michael Manley Foundation
- Member, The American Political Science Association (APSA)
- Member, Caribbean Studies Association (CSA)
- Member, Latin American Studies Association (LASA)
- Member, Editorial Board, The University of the West Indies Press
- Member, Editorial Board, *Social and Economic Studies*, The University of the West Indies

- Contributing Editor, *WADABAGEL Journal*, Caribbean Research Centre, Medgar Evers College, City University of New York
- Member, Academic Council, Institute of Caribbean and International Studies, St. George's University, Grenada

Professor Trevor Munroe

- Independent Senator, Parliament of Jamaica
- Member, Labour Advisory Council
- Member, Sugar Industry Authority Board
- Member, Steering Committee, Network of Legislative Leaders of the Americas
- Member, Executive and Board of Directors, United Way of Jamaica
- Member, Board of Directors, Work Force Development Consortium
- Member, Selection Committee, Caribbean Rhodes Scholarship Selection Committee
- Member, Executive, Think Tank of Jamaica

CATEGORIES OF STUDENTS
DEGREE

Semester I 2000/2001

Course	Registration	Sitting	Pass	Percent %
GT11A	444	379	362	95.5
GT11B	109	90	73	81.1
GT12A	273	240	233	97.0
GT13D	156	136	128	94.1
GT20M	39	36	31	86.1
GT22A	121	117	117	100.0
GT22C	151	146	144	98.6
GT22M	120	117	116	99.1
GT25M	224	212	209	98.5
GT26M	223	210	199	94.9
GT29E	70	63	61	96.8
GT29M	105	101	99	98.0
GT31P	92	83	77	92.8
GT32M	45	40	39	97.5
GT32P	119	112	111	99.1
GT33B	67	59	57	96.6
GT34A	193	188	182	96.8
GT35M	95	91	84	92.3
FD13A	1148	1100	1083	98.5

DEGREE AND CERTIFICATE (CHALLENGE/UWIDEC/TLIs & OUTREACH)

Course	Registration	Sitting	Pass	Percent %
GT11A	332	318	284	98.3

Semester II 2000/2001

Course	Registration	Sitting	Pass	Percent %
GT11A	340	294	286	97.3
GT11B	179	161	141	88.2
GT21B	70	68	64	94.1
GT21M	61	56	56	100.0
GT22D	132	131	130	99.2
GT23M	48	42	38	90.5
GT24A	209	200	199	99.5
GT26P	42	40	39	97.5
GT27M	209	199	196	98.5
GT29F	61	58	58	100.0
GT30C	15	14	14	100.0
GT30M	90	86	85	98.8
GT31M	270	263	231	87.8
GT33M	72	72	70	97.2
GT35E	25	25	25	100.0
GT35P	18	17	17	100.0
GT36M	175	172	168	97.7
GT37M	147	140	137	97.9
GT38M	114	110	110	100.0
GT39E	36	35	35	100.0
GT39G	96	90	87	96.7
GT39M	25	18	16	88.9

DEGREE AND CERTIFICATE (CHALLENGE/UWIDEC/TLIs & OUTREACH)

Course	Registration	Sitting	Pass	Percent %
GT11B	68	53	40	75.5
GT423	348	306	261	85.3
GT424	346	309	269	87.1

Summer

Course	Registration	Sitting	Pass	Percent %
GT11A	33	33	32	97.0
GT11B	22	21	19	90.5
GT12A	35	33	32	97.0
GT13B	13	11	10	90.9
GT21M	12	10	10	100.0
GT22C	20	19	18	94.7
GT24A	16	16	16	100.0
GT25M	27	27	26	96.3
GT26M	16	14	14	100.0
GT27M	12	9	9	100.0
GT34A	26	26	26	100.0
GT35M	22	22	22	100.0
GT38M	32	32	32	100.0

Awarded Degree (BSc) (Majors)

	1 st class	
International Relations	2	80
Public Administration	1	38
Political Science		16
International Relations & Public Administration	2	14
International Relations & Political Science/Comparative Politics	2	11

Postgraduate

	PhD	MPhil	MSc
Registered:	7	16	95
Awarded Higher Degree:	–		10

DISTINGUISHED VISITORS

Prof. Harold McDougall, Howard University, USA

Mr. Carl Dundas, Special Advisor, Commonwealth Secretariat

Dr. Matthew Beaubrun, Former Ambassador of Jamaica to Venezuela

Prof. Percy Hintzen, Outgoing Chair, African American Studies,
University of California, Berkeley, USA

Mr. Jose Luis Vallarta, Mexican Ambassador

Dr. Alfonso Munera, Colombian Ambassador to Jamaica

Dr. Karin Arts, Lecturer in International Law and Organization,
Institute of Social Studies, The Hague, Netherlands

Prof. Lewis Gordon, Brown University, USA

Prof. Kamau Brathwaite, New York University

Prof. Paget Henry, Brown University, USA

Prof. Enrique Dussell, Visiting Professor at Harvard University, USA

Dr. Glen Sankatsingh, Caribbean Reality Studies Centre in Aruba

Mr. John Robinson, Canadian High Commissioner

Dr. Paul Robertson, Minister of Foreign Affairs

Mr. Anthony Smith, British High Commissioner

Mr. Dennis Francis, Trinidad and Tobago Ambassador

Dr. Carlton Davis, Cabinet Secretary

Mr. Derek McKoy, Contractor General

Mr. Alfred Rattray, Former Solicitor General

Mr. Don Mills, Former Jamaican Ambassador to the UN.

DEPARTMENT OF MANAGEMENT STUDIES

Professor Alvin G. Wint, BSc UWI, MBA, Northeastern; DBA, Harvard
– Head of Department

WORK OF THE DEPARTMENT

The 2000/2001 academic year was another busy year for the Department. During the year the Department continued to upgrade its intellectual and physical infrastructure.

At the intellectual level, **Dr. Gavin Chen**, former president of the NIBJ and formerly senior adviser to US Commerce Secretary Ron Brown, joined the Department at the end of the academic year in the Finance Unit; **Mr. Terry Thomas** joined the Department providing additional strength in our organizational behaviour unit; **Professor Lynn Harrison** joined us on a Faculty Exchange with **Dr. Jayawardena** to provide leadership in our tourism offerings; and **Prof. Maschmeyer** joined at the end of the academic year as a Visiting Professor of Accounting, bringing considerable experience to our accounting unit. In addition, **Ms. Keisha Sherman** joined us in the capacity as acting computer laboratory manager replacing **Ms. Karen Shackelford** who left us for study leave at the end of the academic year. At the same time, the Department bade farewell to **Dr. Twila Mae-Logan**, who had served the Department well. Also, **Ms. Annette Johnson** severed her relationship with the Department during the year.

During the year the Department continued its focus on augmenting research capacity and enhancing research productivity. Towards this end, it staged a research colloquium, to which members of the public were invited to converse with faculty members around research presentations, and shortly after the end of the academic year, the Department hosted a successful international conference on private participation in infrastructure, ably coordinated by **Dr. Hilton McDavid**.

The Department also continued to upgrade its physical infrastructure. The focus during the year continued to be on upgrading student facilities. The area provided for individualized student study was refurbished, while there was a general refurbishing of the area students use for socializing and eating snacks between classes.

During the 2000/2001 academic year, the Department served, as it has for many years, as the department that educates the most students in the University. In the November 2000 graduation exercises, the Department

accounted for over 25% of the undergraduates graduating from the Mona Campus. In addition, the four graduate programmes offered in the Department, including the Masters in Computer-Based MIS offered in conjunction with the Department of Mathematics and Computer Science, accounted for 20% of the graduate students graduating from the Mona Campus.

The scholarly activities of the Department during the academic year are detailed in the remainder of this report.

RESEARCH IN PROGRESS

Dorothy Alexander-Smith

- Audit Practice in the Caribbean (Book Project, with Margaret Mendes)

Owalabi Bakre

- The Impact of Imperialism on Creating Broad-Based Accounting Education by Blending Intellectualism with Professionalism in the Commonwealth Countries: The Case of Jamaica
- Imperialism and the Post Independence Development of the Accountancy Profession in the Caribbean

Celia Blake

- Going to the Wrong Market: Jamaica Stock Exchange Versus Fair Trading Commission

Noel Cowell

- Union Substitution in the British Caribbean, (with Gangaram Singh).
- Workplace Transformation

Anne P. Crick

- MacDonaldisation to customization: Training the service worker in the new era
- Glad to meet you – my best friend: relationships in the hospitality industry
- Decentralization in the Jamaican Health Sector: A Performance Perspective
- A Competitive Analytical Approach to Health Tourism in Jamaica
- Synergies between the Classroom and Managerial Practice, (with Michael Haughton, Stanford Moore & Lawrence Nicholson)

Chandana Jayawardena

- Tourism and Hospitality Education and Training in the Caribbean
- Caribbean Tourism: Visions, Missions and Challenges
- Caribbean Tourism: People, Service and Hospitality
- Caribbean Tourism: Alternatives for Community Development
- Tourism in the Caribbean: Contemporary Research, (with Gracelyn Cassell & Samuel Bandara)
- Recent Research on Tourism and Hospitality Education and Training in the Caribbean
- Community Tourism – Applying the Lessons in the Caribbean
- Strategic Planning and Management in Caribbean Tourism: Recent Research by Graduate Students

Audley Harris

- The Role of Information Technology and Communication Technologies in Hotels: A State of the Art Review and a Case Study (with Michael A. Haughton)

Michael Haughton

- Route Reoptimization's Impacts on Delivery Efficiency
- Measuring and Managing the Learning Requirements of Route Reoptimization on Delivery Vehicle Drivers
- Addressing Resource Scheduling Problems in Jamaica's Health Care Sector with Multifaceted Approaches

Hilton McDavid

- Applying Economic Analysis to a Developing Country Health System
- Private Participation in Infrastructure and the Legal Implications for the Commonwealth Caribbean
- The Question of Governance in the Privatisation of Infrastructure
- An Input-Output Analysis of the Jamaican Hospitality and Tourism Sector
- A Strategic Marketing Approach to Agro-tourism in the Caribbean, (with R. Kerr and C. Jayawardena)
- The Strategic Reconstruction of the Jamaican Construction Sector

- Direct and Indirect Resource Utilisation of the Jamaican Construction Sector
- Agro-tourism: Strategic Option or Another Buzz Word, (with C. Jayawardena)

Margaret Mendes

- Audit Practice in the Caribbean (with D. Alexander-Smith)

Stanford Moore

- “Synergies” (see Crick)

Lawrence Nicholson

- “Synergies” (see Crick)
- Inventory Models in the Health Care Industry
- Inventory Decisions in a Health-Care Network: Models and Application (with Vakharia & Erenguc)

Hilary Robertson Hickling

- The Need for Mental Health Partnerships in Jamaica (with Frederick Hickling)
- The Quest for Healing in the Black British Community

Alvin G. Wint

- International Competitiveness and Rare Tradeables: Assessing the Performance, Structure and Reform Agenda of the Jamaican Health System
- The Choice of Exchange Rate Regime in Small, Developing Countries: A Perspective from the Caribbean, (with Claudius Emmanuel)
- Public Policy Challenges Confronting Small Developing Countries: Growth and Sovereignty.
- The Competitive Advantage of Small Nations
- Attracting FDI to Developing Countries: Is there a Life Cycle to the Differential Effectiveness of Special Attraction Efforts? (With D. Williams)

Diaram Ramjeesingh

- Economics for Managers: A Macro Approach

PAPERS PRESENTED

O. Bakre

- “The Activities of the UK-Based ACCA in the Commonwealth Caribbean: Economic Assistance or Economic Imperialism,” at 26th Caribbean Studies Association, Annual Conference, St. Maarten, May 2001.

Noel Cowell

- “Managing Workplace Transformation in Pursuit of International Competitiveness: A Developing Country Perspective,” at DOMS, UWI Research Colloquium, March 2001, Kingston, Jamaica. (With Anne P. Crick & Alvin G. Wint).

Anne P. Crick

- “Work, Culture and Labour Relations in the Jamaican Hotel Industry,” at 26th Caribbean Studies Association, Annual Conference, St. Maarten, May 2001.
- “Health Tourism as a Source of Sustainable Competitive Advantage: Possibilities Implications and Caveats,” at DOMS, UWI, Research Colloquium, March 2001, Kingston, Jamaica.
- “Managing Workplace Transformation” (See Cowell).

Michael A. Haughton

- “The Multidimensionality of Scheduling Issues in Health Care Operations,” Seventh International Conference of Decision Sciences Institute, Chihuahua, Mexico, July 2001.
- “A Model to Approximate the Learning Requirements of Route Reoptimization on Delivery Vehicle Drivers (With Garland Chow), Annual Conference of International Council of Industrial Logistics, Okinawa, Japan, July 2001.
- “The Internet-Enabled Supply Chain and Transportation” (With Garland Chow). 36th Annual Conference of the Canadian Transportation Forum, Vancouver, British Columbia, Canada, May 2001.
- “Designing an Operations Management Course to Simultaneously Meet Instructional and Research Objectives. 12th Annual Meeting of the Production And Operations Management Society, Orlando, Florida, April 2001. (With Stanford Moore).

- “Recent Reforms in Customs Administrations: Challenges for the Practice and the Study of Global Supply Chain Management,” at DOMS, UWI, Research Colloquium, March 2001, Kingston, Jamaica.

Chandana Jayawardena

- “Tourism and the Community: Direction, Purpose and Challenges in Caribbean Tourism”, at 26th Annual Conference, Caribbean Studies Association, St Maarten, May 2001.
- “Tourism in the Caribbean”, at 26th Annual Conference, Caribbean Studies Association, St Maarten, May 2001.
- “The First Masters Degree in Tourism and Hospitality Management in the Caribbean: A Case Study”, the Role of the Professor of the Hotel and Tourism School Conference, Pan-American Confederation of Hospitality and Tourism Schools (CONPEHT), Cuba, April 2001.
- “Tourism & Hospitality Education & Training in the Caribbean: An Analysis of Recent Initiatives”, the Role of the Professor of the Hotel and Tourism School Conference, Pan-American Confederation of Hospitality and Tourism Schools (CONPEHT), Cuba, April 2001.
- “Implementing Tourism and Hospitality Joint Degree Programmes in Developing Countries: The Case of Jamaica”, at International Hospitality Industry Evolution 2001 Conference, Cornell University USA and Chinese University of Hong Kong, China, January, 2001.

Hilton McDavid

- “Managing the Harvest of the Queen Conch from the Pedro Banks of Jamaica” (With G. Roberts), 21st American Society of Engineering Management National Conference, ASEM, October 2000.
- “Psychology of Crime: What Motivates Extreme Hatred and Violence in Middle America – The Mass Shootings” (With Beverly Philipps) at 2nd International Crime and Criminal Justice Conference” February 2001.

Stanford Moore

- “Designing an Operations Management Course” (See Haughton).

Karen Shackleford

- “Assessing the Benefit of In-House Work Experience for University Students” at AM-SIGUCCS User Services Conference, Richmond, Virginia, November 2000.

Alvin G. Wint

- “Exchange Rate Policy and International Competitiveness in Small Developing Countries: A View from the Caribbean,” Hawaii Conference on Business. Honolulu, Hawaii, June 2001. (With Claudius Emmanuel)
- “The Choice of Exchange Rate Regime in Small, Developing Countries: A Perspective from the Caribbean” at DOMS, UWI Research Colloquium, March 2001, Kingston, Jamaica. (With Claudius Emmanuel).
- “Managing Workplace Transformation in Pursuit of International Competitiveness” (See Cowell).
- “Establishing a Culture of Performance and Productivity in Jamaica: The Role of Performance-Based Compensation” National Planning Council, Kingston, Jamaica, October 2000.
- “Organizing For Regional Investment Promotion: Implications for COMESA,” World Bank/COMESA Conference on Foreign Investment in Common Market for Eastern and Southern Africa (COMESA), Lusaka, Zambia, August 2000.

PUBLICATIONS

Refereed Journal Articles Published

Noel M. Cowell

- * “Human Resource Management and Workplace Restructuring in the Jamaican Public Sector: The Case of the Tax Administrative Reform Programme, (with Sonia Mitchell). *Caribbean Journal of Public Sector Management*, Vol. 2, No. 2, 2001.

Anne P. Crick

- * “Personalized service in the new economy: implications for small island tourism” *Journal of Eastern Caribbean Studies*, Vol. 26, No 1, 2001.

Chandana Jayawardena

- * “Challenges in International Hospitality Management Education”, *International Journal of Contemporary Hospitality Management*, Vol. 13, No. 7, MCB University Press, UK, July 2001.

- * “Creating Hospitality Management Educational Programmes in Developing Countries”, *International Journal of Contemporary Hospitality Management*, Vol.13, No. 6, MCB University Press, UK, June 2001.
- * “An Analysis of Tourism in the Caribbean”, *Worldwide Hospitality and Tourism Trends*, Vol. 1, No. 3 HCIMA, UK, October 2000, pp 122-136.

Alvin G. Wint

- * “Enterprise Competitiveness in a Small, Low Growth Developing Country Environment: Jamaican Experiences” *Caribbean Journal of Public Sector Management*, Vol. 2, No.2, 2001.

Articles, Chapters and Text Books Published

Anne P. Crick

- * Personalized service in the small hotel sector: the challenges and the opportunities. In J. Maerk & I. Boxill (Eds.) *Tourism in the Caribbean*. Plaza Valdez. Mexico City.

Winsome Greenwood

- * Marketing Management (UWIDEC, Kingston, Jamaica, 2001)

Yvonne Falconer

- * Human Resource Management (UWIDEC, Kingston, Jamaica, 2001)

Chandana Jayawardena

- * “The Implications of Agro-tourism in the Caribbean” (with Dr. Hilton McDavid). In Pamela Collins (ed.), *Agro-tourism – a Sustainable Approach to Economic Growth*, Inter-American Institute for Co-operation on Agriculture (IICA), *Trinidad & Tobago*, November 2000, pp. 119-135.

Hilton McDavid

- “The Implications of Agro-tourism...” (See Jayawardena).

PUBLIC SERVICE

Mrs. Dorothy Alexander-Smith

- Director, Paymaster Ltd.
- Member, Finance Committee, Edna Manley School for Visual and Performing Arts.
- Member, Accounting Standards Committee, ICAJ

Ms. Celia Blake

- Director, Financial Services Commission
- Director, Securities Commission

Mr. Archibald Campbell

- Director, Jamaica Money Market Brokers Ltd.
- Member, Continuing Professional Education Committee, Institute of Chartered Accountants of Jamaica (ICAJ)
- Member, Accounting Standards Committee, (ICAJ)
- Member, Mutual Life Gallery Committee

Dr. Anne P. Crick

- Director, Jamaica Association for Training and Development.
- Reviewer, *Journal of Eastern Caribbean Studies*
- Reviewer, *Social and Economic Studies*

Dr. Audley Harris

- Member, Executive Committee, Liaison to West Indies. Acad. of Management

Dr. Michael A. Haughton

- Reviewer, *Journal of Business Logistics*
- Reviewer, *Transportation Research Part E*

Dr. Chandana Jayawardena

- President, Council of Caribbean Hospitality Schools (CHOCHS) – Jamaica Chapter.
- Vice Charge De Presse, Chaine Des Rotisseurs – Jamaica Chapter.
- Deputy Chairman, International Development Committee, International Rep. Council, Hotel & Catering International Management Association (HCIMA).
- HCIMA Ambassador, Caribbean and South America.

- Editorial Adviser, *Sri Lanka Hospitality Annual Journal*, HCIMA – Sri Lanka.
- Research Director & Foundation Editor (for the Caribbean), *Worldwide Hospitality and Tourism Trends Journal*
- Member, Editorial Advisory Board, *International Journal of Contemporary Hospitality Management*.
- Member, Advisory Committee, School of Hospitality and Tourism Management, University of Technology.
- Member, Board of Trustees, Caribbean Hotel Training Institute (CHTI).

Dr. Hilton McDavid

- Director, West Indies Gypsum Company.
- Founding Member & Committee Member, Caribbean Association of Military Professionals.
- Honorary Director of Research, Contractor Generals Office, Jamaica.
- Reviewer, *Social and Economic Studies*.
- Reviewer, *West Indies Journal of Engineering*.
- Reviewer, *Journal of Eastern Caribbean Studies*.

Mrs. Margaret Mendes

- Academic Co-ordinator, Associate Degree in Accounting, MIND
- Member, Auditing Practices Committee, Institute of Chartered Accountants of Jamaica

Dr. Lawrence Nicholson

- Member, Curriculum Review Team, Wolmers Boys School.

Mrs. Hilary Robertson-Hickling

- Member, Team preparing proposal for Operation Restoration, Rema, EFJ.
- Member, Executive, Queens' School Past Students Association.

Prof. Gordon V. Shirley

- Chairman, Jamaica Public Service Company
- Director, Grace, Kennedy & Company Ltd.
- Director, Technological Solutions Ltd.

- Chairman, National Insurance Fund
- Director, Trafalgar Commercial Bank
- Director, Grace, Kennedy Remittance Services Ltd.
- Director, Grace Food Services Ltd.

Prof. Alvin G. Wint

- Counselor, (Member of Advisory Council) Multilateral Investment Guarantee Agency, World Bank Group
- Associate Editor & Member, Editorial Advisory Board, *Journal of International Business Studies*
- Academic Editor, *Social and Economic Studies*
- Reviewer, *Transnational Corporations*, *Journal of Eastern Caribbean Studies*, Reviewer, *World Development*
- Director and Member, Audit Sub-committee, Jamaica Producers Group
- Honorary Director, Jamaica Exporters Association
- Member, ACORN Group of Union/Business Leaders
- Member, National Planning Council
- Member, Board of Business Studies, University Council of Jamaica.

DEPARTMENT OF SOCIOLOGY AND SOCIAL WORK

Patricia Y. Anderson, BSc UWI, MA, PhD Chicago
– Head of Department

WORK OF THE DEPARTMENT

The turn of the Century was marked by significant changes within the Department of Sociology and Social Work in the effort to create a more student-centered environment and to provide staff with the facilities for group interaction and team meetings. This involved reorganization in both the administrative work of the Department and in the physical layout of the administrative offices, so as to create an Office of Student Services and a Departmental conference room. The commitment of the Department's limited financial resources to the physical restructuring was regarded as an investment in the future of our Department, since it was judged important to provide a specialized setting for student services, in light of the large numbers of students who enroll in psychology, sociology and social work courses from across the campus. This expenditure was undertaken entirely on the basis of earnings from the Summer School programme and from the HRD Programme.

The opening of the academic year also witnessed a smooth transition in Departmental leadership as **Dr. John Maxwell** formally retired, but continued to serve the Faculty in the role of Deputy Dean. Dr. Maxwell served as Head of Department for five years with distinction. A highlight of the year was the Conference in honour of Dr. Maxwell held in March 2001, which paid tribute to his work under the theme "Community in the 21st Century: the Challenge of Transformation". The Department also was proud to witness the receipt of the Vice-Chancellor's Award for Excellence by the incoming Head, **Dr. Patricia Anderson**.

The psychology programme continued to grow both in terms of student enrolments as well as in terms of new faculty, new course offerings and graduate specializations. The recruitment of **Dr. Tony Ward**, a neuropsychologist, and **Dr. Stacey Brodie**, a Counselling Psychologist, made possible the addition of new psychology courses in Cognitive Psychology and Counseling Psychology. During the first semester, the Department was fortunate to have the services of **Dr. Stanley Gaines**, a Visiting Fulbright Scholar, who contributed significantly to the teaching of social psychology.

The recruitment of clinical psychologists has also made possible the development of important joint activities with the Faculty of Basic Medical Sciences as **Dr. Brigitte Matthies** established a Cognitive Behavior Therapy Clinic at the Hospital, while **Dr. Tony Ward** has established a dementia clinic at the University Hospital and operates this with input from medical colleagues. In addition, Dr. Matthies has assisted with the teaching of basic psychology to fifth-year medical students.

A major accomplishment by the Psychology Unit was the design of a new MSc programme in Clinical Psychology, to be delivered jointly with the Psychiatry Section of the Department of Community Health and Psychiatry. The psychology programme remains severely under-served in relation to basic resources, and over the year, the Department has continued to petition the University to have the Departmental name changed to give formal recognition to psychology.

New courses were also developed by the Social Work Unit in order to ensure that the UWI's training programme is comparable in all respects to international social work programmes. These included a course on Applied Social Group Work and on Human Behaviour.

The Department has further sought to open as many courses as possible to students from other departments and faculties, by simplifying course prerequisites and restrictions. The course on Caribbean Culture, taught by **Professor Chevannes**, has accordingly drawn a large enrolment, and is a valuable complement to courses in the Faculty of Arts and Education. The Visit of **Professor Bernard Headley**, as a Fulbright Scholar, added to the strength of the Department's offerings in Criminology, and the Department welcomed his return to Jamaica.

Students Attend Conferences Overseas

The Department continued to provide support for students to participate in overseas academic conferences, with the assistance of the Dean's Office and the School for Graduate Studies and Research. Six students attended the 95th Meeting of the American Sociological Association in Washington D.C. in August 2001, while one student presented a paper at the Caribbean Studies Association 26th Annual Conference in St. Martin in May 2001.

Masters in Social Work Practica Overseas

Six students from the Master of Social Work Programme completed their major internship in the United States during the summer 2001. Two students went to New York City, while the other four completed the exercise in Florida. The Social Service agencies included youth and family settings and non-governmental welfare organizations. The students worked with a

variety of client populations – truant youth, immigrant families and groups of small agencies seeking funding for social programmes.

Population and Development Computer Lab

This computer laboratory has now become absorbed as a faculty unit, and significant expansion of capacity and services has been made possible through the addition of the Annex to the Lab where students conduct individual work. The main lab continues to be the site for undergraduate computer-based classes for a wide range of courses. The Dean's Office has also provided support for the hiring of a Lab Manager, **Ms. Arlene Bailey**, who in addition, plays a critical role interfacing with the Mona Information Technology Services and the Campus Technology Committee on behalf of the Faculty.

Research Fellowships

Two members of the Department, **Dr. Ian Boxill** and **Dr. Matthies**, were able to avail themselves of research support under the Campus Research Programme. Dr. Boxill, who is conducting work on tourism in Mexico and the Caribbean, took fellowship leave, while Dr. Matthies embarked on a study in sports psychology, in collaboration with **Dr. Leapetswe Maletse**, who was hired to the Project.

Books Launched

During the year, three books were published by members of the Department. These included, *Learning to be a Man* by **Professor Barry Chevannes**; *Tourism in the Caribbean* by **Ian Boxill** and *Who Will Save our Children?* by **Claudette Crawford-Brown**.

The Human Resource Development Programme

The Human Resource Development Masters programme successfully completed the first offering of the one-year full-time programme, under the restructured format which utilizes a modular structure. Twenty-six students enrolled in September 2000, and of these four were from the wider Caribbean. The management of this programme was greatly facilitated by the recruitment of a full-time Assistant Coordinator, **Olivene Thomas**, whose able support contributed significantly to efficient programme delivery. The programme will revert to its traditional two-year part-time structure, with occasional inclusion of the full-time option in response to market demand.



Dr. John Maxwell a farewell dinner in his Honour

The Bank of Nova Scotia again extended scholarship support to this programme, and **Ms. Lois Jennings** was the recipient of this BNS Scholarship for 2000-2001.

In November 2000, 38 students from Cohort III graduated, with eight receiving a Distinction.

RESEARCH IN PROGRESS

Lita Allen

- Developing an Experiential Model for Working with Small Groups in Health and Development.

Patricia Anderson

- Social Capital and Community Development.
- The Growth of the Professional Small Scale Sector in Jamaica.

Ian Boxill

- Social and economic implications of tourism development in the Caribbean (focused on Mexico, Barbados, Jamaica, Antigua, Belize and Dominica).

Karlene Boyce-Reid

- Women and Substance Abuse.
- Gender Relations, Conflict Management and Reproductive Health.

Clement Branche

- Gender Relations, Conflict Management and Reproductive Health – A Follow-up study for the Ford Foundation.
- An assessment of socio-economic and psychological factors affecting compliance of patients with diabetes and hypertension in Jamaica.
- Gender and Equity in Access to Health Care in Jamaica.

Brigitte Matthies

- Standardizing the Zung Depression Inventory on a Jamaican sample.
- The amygdala contributes to the affective component but not the sensory component of pain in the rat.
- Lizard phobia in Jamaica.
- Cross cultural comparisons of sexual jealousy.
- Psychological correlates of participation in sport in Jamaican children.

John Maxwell

- Social Work Education in the West Indies (with special reference to UWI programmes)
- UWI/University of Connecticut Social Work Partnership – A Case Study.
- The Evolution of Social Welfare Services and Social Work in the English Speaking Caribbean (with major reference to Jamaica).

Hermione McKenzie

- The Family and the Rights of the Child in the Caribbean.
- Conversations with the Poor.

Lisa Norman

- UWI Knowledge, Attitudes and Behaviours Study.
- Voluntary Counseling and Testing Efficacy Study (Trinidad, Kenya, Tanzania).

Aldene Shillingford

- A study on Community Entry.

John Small

- Needs of Ethnic Minorities.
- Multiracial Social Work.
- Caribbean Children in the Trans-racial Placements in Great Britain and the United States.

Orville Taylor

- Sports and Underdevelopment: A Paradigm of Exploitation.
- Posse: An Ethnological Study of the Jamaican Gang.

Chukwudum Uche

- Adolescent Sexual and Reproductive Behaviour in the Caribbean Region: A Comparative Study using the Demographic and Health Survey Data.
- The Study of Mortality in Jamaica: Trends and Differentials.

Tony Ward

- The development of Jamaican norms to adapt international neuropsychological tests.

PAPERS PRESENTED**Lita Allen**

- “A Human Skills Laboratory Approach (HSL) to training social workers: evaluation and implications for social work education”, Fifth Biennial Conference of Caribbean and International Social Work Educators, Nassau, August 6-9, 2001.

Patricia Anderson

- “Social Risk Management, Poverty and the Labour Market in Jamaica”, Conference on Reinventing Jamaica, Columbia University, February 2, 2001.
- “Labour Supply and Labour Utilization in Jamaica” at ILO, Caribbean Seminar on Labour Market Analysis, Trinidad and Tobago, February 7, 2001.
- “Poverty in Jamaica: Social Target or Social Crisis?” Caribbean Studies Association Conference, St. Martin, May 27, 2001.

Ian Boxill

- “Tourist arrivals and crime in Jamaica”, Second International Conference on Crime and Criminal Justice in the Caribbean, UWI, Mona, 2001.
- “An agenda for tourism research in the Caribbean”, Segundo Taller Internacional Sobre Turismo, UQROO, Chetumal, Mexico, November 27, 2000.

- “Global and local knowledge and the role of the southern university in research”, La Sesión inaugural de la Asociación de Administradores de la Investigación Universitaria de México, Centroamérica y Caribe, UQROO, Chetumal, Quintana Roo, March 30, 2001.
- “Language as text and subtext in the tourism resort of Playa del Carmen”, Taller Internacional de Lengua y Literatura en el Caribe, Mexico, April 25-26, 2001.

Karlene Boyce-Reid

- “The Practicum Strengths and Limitations. The Caribbean Regional Addiction Studies Programme”, Caribbean Social Work Educators’ Conference, Nassau, August 6-9, 2001.

Clement Branche

- “Community Change Agents and Conflict Resolution”, Derek Gordon Research Seminar, Mona, Jamaica, September 2000.
- “Gender Relations, Conflict Management and Reproductive Health”, Ford Foundation, Washington, September 2000.
- “An assessment of socio-economic and psychological factors affecting compliance of patients with diabetes and hypertension in Jamaica”, Ford Foundation, July 2001.

Hermione McKenzie

- “The Prison As A Total Institution: Explorations of the roles and behaviours of correctional staff and inmates in Jamaican prisons”, International Conference on Crime in Jamaican Society, UWI Mona, April 2001.

Lisa Norman

- “Using STD symptoms as a surrogate marker for HIV risk: an analysis of young Jamaican males”, Derek Gordon Research Seminar, UWI, Kingston, Jamaica, September 2000.
- “HIV/AIDS in the Caribbean: small islands, large epidemic”, Caribbean Studies Association Annual Meeting, St. Martin, May 2001.
- “The Machismo Culture in Jamaica and its Implications for HIV Prevention”, 1st Regional Meeting of the International Sociological Association, Venezuela, May 2001.

- “Decriminalization of Homosexual Behaviours and its Implication for HIV Prevention”, National HIV/AIDS/STI Prevention and Control Programme Annual Evaluation and Planning Workshop, Jamaica, June 2001.

Aldene Shillingford

- “When does ‘yes’ mean ‘yes’ and ‘yes’ mean ‘no’: A Jamaican Community Case Study”, Fifth Biennial Conference of Caribbean & International Social Work Educators, Nassau, August 6-9, 2001.

John Small

- “The Origin and Dynamics of Caribbean Return Migration: Determinants, Continuity and Impact”, Fifth Biennial Conference of Caribbean & International Social Work Educators, Nassau, August 6-9, 2001.

Orville Taylor

- “The Labour Relations and Industrial Disputes Act (LRIDA): A Critical Evaluation”, UWI, Academic Conference, Mona, Kingston, September 2000.
- “McDonaldization, and The Caribbean”, (American) Association of Black Sociologists (ABS) Conference, Washington DC, August 2000.

Chukwudum Uche

- “Youth Sexual Behaviour and Reproductive Health in the Caribbean Region”, 26th Annual Conference of the Caribbean Studies Association, St. Martin, May 28 – June 2, 2001.
- “Health Related Behaviours of Youth: Implications for National Development”, Mona Academic Conference 2000 on HRD for Competitive Advantage, UWI, Mona, Kingston, September 1-3, 2001.

Tony Ward

- “A Cognitive Counter Conditioning Approach to Smoking Cessation”, Annual Conference of the Division of Health Psychology, British Psychological Society, University of Kent, September 2000.

PUBLICATIONS

Patricia Anderson

- * “Poverty in Jamaica: Social Target or Social Crisis?” in *Souls: A Critical Journal of Black Politics, Culture and Society*, vol. 3 no. 3, Summer 2001: 62-87.

Ian Boxill

- * “Tourism in the Caribbean” (with Johannes Maerk), Mexico City: Plaza y Valdez, 2000.

Clement Branche

- * “An assessment of socio-economic and psychological factors affecting compliance of patients with diabetes and hypertension in Jamaica” (with Henry-Lee, Alleyne, Fox, Ward, Castillo and Thomas), Ford Foundation, July 2001.
- * “Gender Relations, Conflict Management and Reproductive Health” (with Henry-Lee and Bailey), Ford Foundation, Washington, September 2000: 50.

Claudette Crawford-Brown

- * “Working with Caribbean Families” in *Working with Culturally Diverse Populations*, Columbia University Press, July 2001.
- * “Who Will Save Our Children, The Plight of the Jamaican Child in the Nineties”, UWI Press, January 2001.

Brigitte Matthies

- “Formalin-induced conditioned place avoidance: a novel paradigm for the measurement of sensory and affective components of pain in rodents” (with Manning and Fields), Society for Neuroscience Abstracts, 26, (2000), 431.

John Maxwell

- “Social Work Education in the West Indies” (with Williams and Ring) in *Social Work Education*, vol. 20 no. 1, 2001.

Hermione McKenzie

- * “Jamaica Alternative Country Report to the Commission on the Elimination of All Forms of Discrimination Against Women” (with Hewett, Macaulay and Salter), United Nations, New York, January 2001.

Aldene Shillingford

- * “Institutional and Cultural Challenges in Working with the Poor and Marginalised” in *Social Work with Caribbean People: Perspectives from Home and Abroad* (Papers selected from the Fourth Biennial Conference of Caribbean & International Social Work Educators, Jamaica 1999).

Orville Taylor

- * “The Regulation of Industrial Conflict: A Cross-Country Comparison of the Systems of Dispute Resolution in Trinidad and Tobago, Jamaica and St. Lucia” in *Caribbean Journal of Public Sector Management*, vol. 2 no. 2, May 2001: 22-37.

Tony Ward

- * “Using psychological insights to help people quit smoking” in *Journal of Advanced Nursing*, 34(6) June 2001: 754-9.
- * “The memory enhancing effects of a Ginkgo Biloba/Panax ginseng combination in healthy middle-aged volunteers.” *Psychopharmacology* (Berl), 152(4) November 2000: 353-61.

PUBLIC SERVICE

Lita Allen

- Member, Training Committee, Association of Counsellors and Therapists (ACT)
- Member, Mental Health Response Team – The Jamaica Red Cross Society
- Member, Board of Directors of Whole Person Resource Centre (WPRC)

Patricia Anderson

- Member, Board, Planning Institute of Jamaica
- Member, Board, Statistical Institute of Jamaica
- Member, Advisory Committee 2001 Census of Jamaica
- Member, Steering Committee for the Survey of Living Conditions

Ian Boxill

- Project leader for community tourism plan

Karlene Boyce-Reid

- Member, Steering Committee – Public Sector Employee Assistance Programme

Clement Branche

- Co-ordinator, Social Solutions – Social Psychology Research and Action Group

Matthies Brigitte

- Member, Bioethics Committee
- Treasurer, Jamaica Psychological Association
- Member, Jamaica Association for the Study of Near Death Experiences

John Maxwell

- Advisor/External Examiner – Commonwealth Youth Programme Diploma in Youth Development Studies
- Member, Executive Committee, Association of Caribbean Social Work Educators (ACSWE)
- Board Member, Citizen's Action for Free and Fair Elections (CAFEE)
- Member, Permanent Selection Committee, Norman Manley Award for Excellence
- Member, Programme and Technical Assistance Committee, Council of Voluntary Social Services (CVSS)/United Way of Jamaica

Hermione McKenzie

- Member, Advisory Committee, Jamaica Social Policy Evaluation Project
- Member, Ministry of Health Committee on Adolescent Health Policy
- Member, Ministry of Health/PAHO Research Advisory Committee
- National President, Young Women's Christian Association of Jamaica
- Managing Committee Member, Jamaica Women's Political Caucus
- Vice-President, American Studies Association of Jamaica
- Member, Commission on the Ministry, Anglican Diocese of Jamaica

Aldene Shillingford

- Committee Member, ENACT
- Board Member, Jamaica Self Help
- Executive Member, Woodford Community Action Group

John Small

- President, National Association of Returning Residents
- Director, United Way of Jamaica
- Director, Jamaica National Building Society

Orville Taylor

- Director, University Council of Jamaica
- Chairman, Jamaica Constabulary Force Staff College Advisory Council

Chukuwudum Uche

- Member, Planning Committee, 2001 Census of Jamaica
- President, Association of the African Community in Jamaica

CATEGORIES OF STUDENTS**Undergraduate Programme (2000-2001)**

TABLE I
Courses Offered by Discipline

Sociology	Social Work	Psychology
28	19	18

TABLE II

DEGREE PROGRAMME	1ST	2ND	3RD	TOTAL
Sociology	87	53	95	235
Social Work	55	21	44	120
Psychology	148	129	174	451
TOTAL	290	203	313	806

DIPLOMA PROGRAMME	1ST	2ND	TOTAL
Sociology	10	5	15
Social Work	6	4	10
Population and Development	1	2	3
TOTAL	17	11	28

TABLE III
Students Graduated by Degree, Diploma and Certificate

DEGREE PROGRAMME	First Class	Upper Second	Lower Second	Pass	Total
Sociology	4	24	30	3	61
Social Work	–	16	6	2	26
Psychology	5	42	43	5	95
TOTAL	9	82	79	10	180

DIPLOMA PROGRAMME	Distinction	Honours	Pass	Total
Sociology	–	2	5	7
Social Work	1	–	5	6
Population and Development	–	1	–	1
CERTIFICATE				
Social Services	–	–	34	34
TOTAL	1	3	44	48

Graduate

TABLE IV
Courses Offered by Discipline

Sociology	Social Work	HRD
14 & Research paper	12 & Practicum & research paper	51 & practicum

TABLE V
Enrollment in Graduate Degree Programmes

	FULL-TIME		PART-TIME		TOTAL	
	New	Returning	New	Returning	New	Returning
MSc Sociology	12	–	10	27	22	27
Master of Soc. Work	4	–	15	25	19	25
MSc HRD	–	–	52	–	52	–
MPhil	–	–	–	1	–	1
PhD	–	–	–	2	–	2
Total	16	–	77	55	93	55

TABLE VI
Students Graduated

MSc Sociology	MSW	MSc HRD
8	3	22

Source: Students Records Unit

THE CENTRE FOR HOTEL & TOURISM MANAGEMENT (CHTM)

Christos D. Salvaris, BS, MPS Cornell, CFBE, CC
– Head of Department

WORK OF THE DEPARTMENT

During the 2000/2001 academic year, Faculty at CHTM continued their activities in the areas of teaching, professional service *via* outreach programmes and supervisory and management level training in the region, and research and publication. The year under review saw a decrease in the number of students from 130 to 107. Students were again successfully placed on internships in the Bahamas and throughout the Caribbean, and also in hotels and Caribbean tourism and airline offices in the United States. Students continued to find these internships very helpful in the practical understanding of the industry. Faculty attended a brain storming session in Kingston: “Tourism Education in the Region” organized by Mrs. Carolyn Hayle, Senior Project Officer, UWI, and participated on various panels. Faculty also visited the Trinidad campus of the Trinidad and Tobago Hospitality School and accredited their programme. Student educational trips were successfully organized to Cuba in April and Chicago in May to the National Restaurant Association (NRA) Hotel-Motel Show. The Centre hosted the 2001 reunion and Tourism and Hospitality Industry Symposium (**“Caribbean Tourism: Profitable Past, Competitive Present and Revolutionary Future”**) which also included attendances by **Professor Barry Chevannes** as head of the panel and **Mr. Basil Smith**: Executive VP, Bahamas Hotel Association. Faculty commenced the Caribbean Regional Tourism Sector Programme Distance/Open Learning Sub Component Project funded by the European Union. Faculty also continued to be involved in the monitoring and examining of the first two years of the Hospitality & Tourism Management Programme of the Antigua State College and provided input as regards course content for the jointly-taught Barbados Technical College/UWI (Cave Hill) Hospitality Management Programme.

Given a poor economic trading environment, a proactive approach was taken to assist graduates to secure employment as trainees, especially in Barbados. Recruiters from all the major hotel chains were invited to conduct interviews with graduating students with the objective of securing employment prior to students’ graduation.

RESEARCH IN PROGRESS

Mr. Ron Brathwaite

For Distance Education

On Line Courses in:

- Financial Management
- Hotel Information Systems
- Management Accounting
- Dimensions of Tourism
- Microcomputer Applications in Travel and Tourism.

Dr. Jennifer Edwards

- Contributor on the Bahamas to the UWI/Ford Foundation Study on the “Greening of Tourism in the Caribbean”
- Contributor on the Bahamas to the UWI/IDB Study on “Environmental Issues insertions in Caribbean Tourism Sector Policies”.

Mr. Ainsley O’Reilly

For Distance Education

- On Line Course in Hospitality Management.
- “Leisure, Recreation and Tourism: The Commonwealth Caribbean Experience”.
- “The Past, Present and Future of Tourism and Hospitality Education in the Commonwealth Caribbean”.

Mr. Christos Salvaris

- Economic Development and Tourism Growth in Jamaica: The Challenge of the Strategic Approach.

For Distance Education

- On Line Course in Food and Beverage Management.

Dr. Tika Sharma

- Research project on Pilgrimage Tourism (included observational tour of selected pilgrimage sites in India and Nepal).

PAPERS PRESENTED

Mr. Ainsley O'Reilly

- “Views from UWI and the Caribbean on Hospitality and Tourism Education”, 3rd Meeting of the World Tourism Organization (WTO) Education Council, Madrid, June 12-13, 2001.

Dr. Tika Sharma

- “Inbound Tourists of Nepal and Buddhist Market”: Panel presentation at the Convention of ANA (Association of Nepalis in the Americas), Valley Forge, Pennsylvania, June 30, 2001.

PUBLICATIONS

Dr Tika Sharma

- * “Death of a tourist and the Legal Role of a Passport”. *Rashtrasewak*, July – September 2001
- * “Problems of Nepali Workers in the Gulf”. *In Touch*, 2001.

PUBLIC SERVICE

Mr. Christos Salvaris

- Conducted training programmes in the Culinary Arts and Food and Beverage Management for hotels in The Bahamas and Jamaica.

Mr. Ainsley O'Reilly

- Lectured in the MSc Hospitality & Tourism Management Programme – Department of Management Studies (DOMS), UWI, Mona.

CATEGORIES OF STUDENTS

In the academic year 2000/2001, there were 107 students registered, a decrease of -18% when compared with the previous year.