FACULTY OF MEDICAL SCIENCES

MONA

Year ending July 31, 2009

Professor Archibald McDonald, MBBS, DM (Surg) *UWI*, FRCSEd, FACS– Dean

Dean's Overview

During the past academic year the Faculty continued its programme of transformation, with emphasis placed on strengthening its academic programmes and putting in place financial and management systems to sustain these changes. The 5-year strategic plan was completed and now guides our operations. Although there were many successes, progress was hindered by outdated practices and culture inside and outside of the faculty. Colleagues, academic and administrative, sometimes had difficulty understanding changes and in some instances there was passive resistance.

Student enrollment continued to grow increasing by 20 percent over the previous year mainly due to a 16 percent increase in the number of undergraduates (Table 1). The 5 percent increase in graduate enrolment was less than projected but this was due in part to attempts to improve supervision and throughput in graduate programmes.

The Faculty is cognizant of the fact that planning and innovation are critical to ensure that measures are in place to cope with the increased enrolment. Much of our work during the year was geared towards ensuring that our philosophy of small group teaching was not compromised. Therefore the faculty expanded clinical training at remote sites such as the Cornwall Regional Hospital, the Kingston Public Hospital, Victoria Jubilee Hospital and Bustamante Children's Hospital. Mandeville and Spanish Town Hospital were accredited by the Faculty's accreditation committee and clinical training should commence at these institutions early in this academic year.

The Campus and UWI leadership led by the Principal and Vice Chancellor worked with the faculty to develop a business plan aimed at improving conditions at the University Hospital.

This was completed and discussions are to be held with the Jamaican and regional governments on the implementation of the plan in whole or in parts. The unsatisfactory state of the University Hospital continues to be a major challenge for the Faculty of Medical Sciences. Developmental work continued on the new teaching complex for the Department of Basic Medical Sciences and we closed the year without the construction being started. Architectural plans were approved and a contractor selected and work should begin during the next academic year.

Student Enrollment and Access

Table 1 below compares undergraduate enrolment with the previous year. The demand for health care workers is increasing consequent on the aging of the world's population. As detailed in the Faculty's strategic plan, the Faculty has shifted its policy of training only for the local and regional markets. Students are now trained to international standards which equip them to work and compete in the global market. The number of applicants to our programmes continues to increase. Their academic standard is also higher. The Faculty must therefore continue to increase access without compromising standards. The student body is now more diversified with a higher percentage of students from the rest of the regional and a higher proportion of international students. Unfortunately this information is unavailable for this report but should be included next year as the Mona campus improves its data management capabilities. This diversification in the student population will enhance the learning experience for our students and strengthen the regionalism of the UWI.

Table 1
Undergraduate Student Enrolment in the Faculty of Medical Sciences - 2008/2009 vs 2007/2008

Programme	Major & Minor	No. of Students 2008/2009	No. of Students 2007/2008
BBMedSci	Anatomy	1	3
	Biochemistry	1	3
	Pharmacology	32	26
	Physiology	1	1
	Year 1 students	41	21
	Subtotal	**76**	**54**

BSc	Nursing (Post RN)	18	27
	Nursing (generic)	726	676
	Online delivery	323	164
	Physical Therapy	83	75
	Diagnostic Imaging	77	46
	Subtotal	**1227**	**988**
MBBS	Bachelor of Medicine & Surgery	766	733
	Subtotal	**2068**	**1775**

Student Achievements

The faculty graduated 365 Undergraduate students in the Academic Year 2008/2009. This was almost unchanged compared with the previous academic year despite a 26 percent increase in graduates from the MB BS Programme. There was a 15.8 percent decrease in the number of graduates from the BSc(generic) Nursing programme.

MB BS	126
BSc Nursing (Generic)	181
BSc Nursing (Post RN)	20
BSc Physical Therapy	23
BBMedSci	15

The Stage 1 MB BS Examination was discontinued as part of the ongoing curricular reform. With the implementation of the GPA regulations, the Faculty felt that this examination was unnecessary.

Table 2
MBBS Examination Results
The MBBS Examination for academic year 2008/09

	Pass	Honours	Distinction	Fail
Medicine (MD500)	95	6	–	13
Surgery (SU500)	84	10	–	10
Obstetrics & Gynaecology (OG500)	102	3	1	7

Prizes Awarded

The following students were awarded prizes in the final MB BS examinations for Academic Year 2008/2009:

Overall Clinical Medal:	–	Avia Forbes
Medical Association of Jamaica Insurance Fund Prize in Obstetrics and Gynaecology:	–	Avia Forbes
Allenbury Prize in Medicine:	–	Zelia Budhan
Professor Owen Morgan Prize:	–	Zelia Budhan
Dr. Aubrey McFarlane Bursary:	–	Stephanie Lyew
Dr. the Hon. John Hall Prize:	–	Kurleigh Martin Joselle Cook Clive Goulbourne Claudine DeSouza

The Bachelor's programmes in Speech and Occupational Therapy were not started in this academic year as planned but should commence at the start of academic year 2009 / 2010.

Research

The Faculty had 262 peer reviewed publications during the year, 235 in journals and 27 book chapters. The per capita publication remained at approximately 1.5. The international profile of the University was enhanced due to more international collaboration and participation in several multi-centre clinical trials. The Cardiac simulator, developed by Drs Paul Ramphal and Daniel Coore from the Departments of Surgery, Radiology, Anaesthesia and Intensive Care and Computer Science collaboration with the Engineering Department of the University of Technology, also contributed to this enhanced international reputation as a number of institutions in the USA have decided to participate in the further development and manufacture of this cutting edge tool which is used in the training of cardiac surgeons.

Efforts continue to build capacity in research, through further strengthening of the Research Resource Centre in the Dean's Office and also strengthening the links with the TMRI. A programme of FMS/TMRI Fellowships has been developed which gives young

members of the academic staff the opportunity to spend time in the TMRI to improve their research skills and develop a research agenda. They are expected to return to their department to lead its research efforts. Currently two members of staff are in the programme and plans are to enroll three to five annually. The Programme is funded by the Faculty.

Table 3
Publications per Department

Department	Publications 2007-2008	Publications 2008-2009	Conference Presentations 2007 -2008	Conference Presentations 2008 - 2009
UWI School of Nursing	4	4	13	11
Basic Medical Sciences	35	34	11	19
Community Health & Psychiatry	22	36	54	69
Medicine	13	20	45	60
Obstetrics, Gynaecology & Child Health	47	38	43	21
Pathology	18	29	19	25
Microbiology	12	9	5	4
Surgery, Radiology, Anaesthesia & Intensive Care	50	46	74	70
TMRU / Sickle Cell Unit	47	38	–	–
Total	**248**	**235**	**214**	**279**

Research Awards

At the Principals annual awards ceremony, three papers were awarded "Best Publications". These were:

- Leslie A. Samuels, Loxley Christie, Bianca Roberts-Gittens, Horace Fletcher and Joseph Frederick - "The effect of hyoscine butylbromide on the first stage of labour in term pregnancies". *British Journal of Obstetrics and Gynaecology*, 2007;114(12):1542-1546.
- Maxine Gossell-Williams, K Lyttle, T Clarke, M Gardner and O Simon. "Supplementation with Pumpkin Seed Oil improves

Plasma lipid profile and Cardiovascular Outcomes of Female non-ovariectomized and ovariectomized Sprague-Dawley Rats". *Phytotherapy Research,* 2008;22(7):873-877.

- JM East – "Mesh Tuck Repair of Ventral Hernias of the Abdomen: A New, Simplified Technique for Sublay Herinorrhaphy". *West Indian Medical Journal,* 2007; 56(6): 514-519.

The most outstanding researchers were:

- Dr Minerva Thame from the Department of Obstetrics and Gynaecology and Child Health. She serves as Head of the Department of Paediatrics/Child Health and is one of the most well known names internationally on the subject of in utero exposure and subsequent neonatal outcomes. During the period under review she published 9 research manuscripts, five of which appeared in the *West Indian Medical Journal* and the other four in reputable international journals.
- The research team of the "Kingston Pediatric and Perinatal HIV/AIDS Program" led by Celia DC Christie-Samuels also comprises Paulette M. Palmer, Russell B. Pierre, J. Peter Figueroa and many other collaborators in the University of the West Indies and its Hospital along with the Ministry of Health and its Hospitals and Clinics, who were mostly responsible for preparing a compendium of twenty original research manuscripts on "Pediatric and Perinatal HIV/AIDS in Jamaica", as the June Special Issue of the *West Indian Medical Journal* 2008:57(3):187-320.

The selection in the category **"The Project Attracting the Most Research Funds"** was:

- "Aromatic amino acid metabolism in the pathogenesis of Kwashiorkor" with Professor Terrence Forrester as Principal Investigator, along with Drs Asha Badaloo and Marvin Reid of the Tropical Medicine Research Institute and their collaborators .
- External funding from the United States' National Institutes of Health for this project was estimated at JA$32,300,000.00 (that is, 32.3 Million Jamaican dollars) for the period under review.

The final category was **"Best book".**

- The text selected for the award was "*Perspectives in Caribbean Psychology*", edited by Professor Frederick Heckling, Dr Brigitte Matthias, Dr Kai Morgan and Dr Roger Gibson.

Research Grants

The Faculty attracted approximately US $ 500,000 in research grants during the year. Details can be found in the individual departmental reports.

Graduate Studies

The Faculty of Medical Sciences had 626 registered graduate students for academic year 2008/2009. The distribution is shown in Table 4.

Table 4
Registered Students (2008-2009)

Programmes	Numbers
DMs	279
Taught Masters:	
MPH	37
MPH-Health Education/ Promotion	22
Nutrition	28
Epidemiology	11
Microbiology	3
Cultural Therapy	3
Nursing:	
Administration	11
Clinical Specialist	1
Education	24
Family Nurse Practitioner	15
Mental Health/Psychiatric Nurse Practitioner	12
Online Masters:	
Counseling	56
Sports Medicine	13

Research Degrees:	
MPhils	55
PhDs	56
Total	626

One hundred and thirty one students graduated from our graduate programmes during the year as shown in Table 5.

Table 5

Programmes	**Numbers**
DMs:	
Anaesthesia & Intensive Care	3
Internal Medicine	8
Obstetrics & Gynaecology	9
Paediatrics	5
Psychiatry	3
Radiology	4
Surgery – A&E	4
- Cardiothoracic	1
- ENT	2
- General	6
- Orthopaedics	1
- Urology	1
Taught Masters:	
MPH	21
MPH-Health Education/ Promotion	7
Nutrition	6
Nursing	3
Epidemiology	2
Online Masters:	
Counselling	37
Research Degrees:	
PhDs	8
Total	**131**

Income Generation and Budgetary Considerations

Transforming the financial arrangements in the Faculty is central to its repositioning efforts, if it is to respond effectively to the challenges of the new dispensation. Our income generation efforts were again successful but there is need to increase income from research grants, clinical trials and private clinical practice. The Mona Institute of Medical Sciences is now profitable but there is need to expand in order to accommodate the increasing number of doctors wishing to practice there. Architectural plans are being developed for a new building. Nearly JA$1 billion was raised during the year.

Conclusion

The Faculty of Medical Sciences' strategic plan is centred on the themes of expansion, financial independence and maintenance of quality. The past year demonstrated that we can do this successfully; we expanded our clinical training sites to ensure small group teachings in all our programmes; we increased enrolment, diversifying our student population thus enriching their learning experience; through successful income generation we increased the use of technology and employed multimodal delivery of our curricula in several areas. These initiatives are a few examples of our work but they demonstrate the inter-relatedness of the initiatives being undertaken in the faculty. The goal of producing graduates who are problem solvers and critical thinkers and being listed among the top medical schools by 2012 now appears to be achievable.

DEPARTMENT OF BASIC MEDICAL SCIENCES

Dr. Wayne McLaughlin, BSc *Waterloo,* **PhD** *UWI*
– Head of Department

WORK OF THE DEPARTMENT

In March 2009, the Department of Basic Medical Sciences undertook its first Quality Assurance Review since the merger of the four Departments. All staff contributed to this valuable exercise and many lessons were learnt. The review covered the BB Med Sci, MB BS, and Physical Therapy undergraduate programmes, MPhil and PhD programmes and the administration. The Review Team had high commendations for the work of the Physical Therapy programme, however the need to employ teaching assistants to increase the staff to student ratio was recommended. The Team recommended that the BB Med Sci programme develop a curriculum that can be taught independently of the first year MB BS programme. The Review Team highlighted the overcrowding in the MB BS programme, and recommended the need to introduce technology such as digital histological images and to provide students with hands on experience in basic clinically-orientated practicals. The Team recommended that a strategic plan should be developed for the recruitment of graduate students into Anatomy and Physiology in order to achieve a critical mass and succession planning. The review highlighted the limited availability of resources for teaching and research and was emphatic that an adequate budget should be provided considering the increased enrolment of students. In the area of administration the Team recommended that there should be more effort to integrate the Academic Sections and that there should be more opportunities for technical, administrative and service staff to access training and personal development.

During the academic year, the Department made progress in implementing some of the strategic initiatives in its 2007-2012 Strategic

Plan that were in line with some of the recommendations from the Quality Assurance Review. The review of the Physical Therapy programme had begun and a committee to review and upgrade the BB Med Sci programme was established. Both the Physical Therapy and BB Med Sci programmes will increase student intake to 50 per year as of the 2009/2010 academic year. A new MSc Forensic Science programme was developed and was approved by Graduate Studies and Research. This programme will be introduced in the 2010/2011 academic year with areas covering forensic chemistry, forensic DNA science, forensic pathology, and forensic toxicology. In the area of infrastructure development and facilities, plans were completed for the construction of a 20,331 m^2 state-of-the-art complex for research, teaching and service. Construction is expected to begin in September 2009. The Department has also begun to invest in research infrastructure and has since commissioned a GC/MS for the screening of bioactive products, toxicology and drug testing.

In 2008/09 one-hundred and ninety-eight students were registered in the MBBS programme, 40 in the BB Med Sci programme and 43 in the Physical Therapy programme. Three-hundred and ten students were enrolled in the FPAS Biochemistry programmes. Students' assessment of teaching was good as the academic staff continue to be highly rated by students. In this academic year three academic staff members were recognised at the UWI/Guardian Life Premium Teacher of the Year Awards for outstanding lecturer and course assessments. Members of the academic staff and their postgraduate students participated in several international conferences, and were also successful in attracting significant research funds of approximately US$244,000. The Research output continued at a steady pace as last year with approximately one original paper published per staff in peer reviewed journals.

STAFF AWARDS AND PROMOTIONS

In the Pharmacology Section Dr. Oswald Simon was promoted to the rank of Professor and Dr. Arkene Levy was awarded the Fulbright Research Scholarship to pursue research at the Moores Cancer Institute, University of California, San Diego. Dr. Levy conducted research to evaluate the cytotoxic effect of plant extracts on human ovarian cancer cells. Dr. Maxine Gossell-Williams led a research team that received the Principal's award for one of the best publications in the Faculty of Medical Sciences.

The following academic staff members were also recognised at the UWI/Guardian Life Premium Teacher of the Year Awards for the Lecturer and Course Assessments: Sharmella Martin, Gillian Hudson-Ducasse and Carron Gordon. The following members of staff were also recognised for years of service to the department: Professor Helen Asemota, Mr. Winston Campbell, Dr. Michelle Hamilton (15 yrs); Mrs Yvonne bailey, Mr. Gerald Cooper (21 yrs).

Dr. Icolyn Amarakoon, Mr. Winston Young, and Ms. Kadeesh Johnson were promoted to the posts of Chief Laboratory Technologist, Senior Scientific Officer, Senior Laboratory Technologist, respectively. Mrs. Yvonne Bailey, Senior Secretary successfully completed her BA Philosophy (Hons) degree. Ms. Camelia Campbell was promoted to Secretary III.

Staff Development

Dr. Maxine Gossell-Williams received training in Pharmacovigilance sponsored by the World Health Organization held in WHO-Drug Monitoring Centre-Uppsala Sweden. Prof. Omkar Parshad was a guest lecture on Impact of Yoga on Hemodynamic Functions in Healthy Medical Students at the Department of Physiology, All India Medical Institute, New Delhi, India, June 22, 2009. Dr. C. Nwokocha and Dr. Lauriann Young-Martin attended a three-day staff development workshop on Academic Advising Training at UWI, held May 27 – 29, 2009. Dr. Lauriann Young-Martin participated in the UWI Medical Curriculum Harmonization Workshop held at the Cave Hill Campus, Barbados, May 20 – 22, 2009.

Technical staff members from the Anatomy and Physiology Sections attended the Caribbean Poison Information Network (CARPIN) Scientific Conference in Kingston. Mr. Garth Dawkins, Jnr. Research Fellow attended the 29th International Workshop on Rapid Methods and Automation in Microbiology held at Kansas State University.

Ms. Talitha Farquharson attended the Jamaica Association of Secretaries and Administrators Annual Conference at the Sunset Jamaica Grande Resort, Ocho Rios, Jamaica.

PAPERS PRESENTED

- Bahado-Singh, P.S., Wheatley, A.O., Boyne, M., Ahmad, M.H., Morrison, E.Y. St. A. and Asemota, H.N. (2009) Low-intermediate glycemic index Caribbean diet reduces glycemia, cardiovascular and inflammatory markers in overweight type 2 diabetics. 2nd international conference on Advanced Technologies and Treatments for diabetes, February 25-28, 2009, Athens Greece.

- Bowers, A. S., Pepple, D. J. and Reid, H. L. Oxygen delivery index in subjects with normal haemoglobin genotype (HbAA), sickle cell trait (HbAS) and homozygous sickle cell disease (HbSS) in stable and crisis states. International Society of Biorheology & International Society of Clinical Hemorheology Conference, Penns State, USA, July 9-13, 2008.

- Brown P.D., Human leptospirosis in Jamaica: 50 years on. 4th Curaçao Postgraduate Course on Infectious Diseases: an update. Curaçao World Trade Center, Curaçao, October 18-19, 2008.

- Brown P.D., Leptospirosis: The old and the new – a 50 year review. Caribbean Association of Clinical Microbiologists (Jamaica chapter) 3rd Annual Symposium, Kingston, Dec 5, 2008.

- Brown P.D., Leptospirosis: an emerging public health problem. Environmental Health Sciences Seminar, University of Minnesota, School of Public Health, Minneapolis, Minnesota, USA; January 7, 2009.

- Batchelor T., D.Amarakoon, P.D.Brown. Impact of climate variability on the incidence of leptospirosis in Jamaica. 26th International Congress of Chemotherapy and Infection. Toronto, Canada, June 18-21, 2009.

- Campbell-Grizzle Ellen, Jean William-Johnson, Maxine Gossell-Williams, Daniel Sarpong. Eric Williams. Jamaican Physician's Knowledge and Related Activities of Poison Management. Caribbean Poison information Network Conference May 30, 2009. Terra Nova All Suite Hotel.

- Cohall D.H. and P. D .A Singh (2009) The effect of an aqueous extract of *Smilax regelii* on the overall metabolic status of Sprague-Dawley rats and the investigation of its folklore medicine claim as a diuretic agent. 54th Annual Council and Scientific Meetings, Caribbean Health Research Council, St. Lucia, April 22-25, 2009.
- Crawford T., D. McGrowder, M.T. Gardner, L. Gordon. (2009). A Correlation of Socio-economic Status with Parity in Young Jamaicans. 34th Annual Conference of Caribbean Studies Association, Kingston Jamaica.
- Dilworth, L. Green, C. and Asemota H.N. (2008) Bioactive compounds and citrus polymethoxylated flavones in commonly eaten Caribbean foods and citrus cultivars. 122nd AOAC International Annual Meeting and Exposition, Dallas, Texas.
- Duncan, K., Reid, H. L. and Voutchkov, M. Lead concentrations in blood donors in Jamaica. 16th Annual Conference of the Faculty of Pure and Applied Sciences, UWI, Mona, Kingston, Jamaica, March 26-27, 2008.
- Gardner, Natwaine; Luke, Kedon; Bahado-Singh, Perceval; Dilworth, Lowell; Wheatley, Andrew; De La Haye, Winston and Asemota, Helen (2009). Nutritional supplements in the treatment (Secondary Prevention) of chronic Cocaine Dependence. National Institute of Drug Abuse, International Forum June 19-23, Reno, Nevada, USA.
- Gordon, C. "The effect of aerobic exercise training on disablement in community-dwelling persons with chronic stroke". Faculty of Medical Sciences Annual Research Conference, November, 2008.
- Harvey A. C., Riley C. K., Adebayo S. A., Wheatley A. O., Amad H. and Asemota H. N. Effect of Acetylation on Properties of Yam (Dioscorea Sp.) Starches and Subsequent Impact on Compaction and Mixing in Tablet Formulation. 122nd AOAC Conference 2008, September 2008.
- McFarlane-Anderson, N. Genetics of Diabetes. 15th Annual International Diabetes Conference: March 2009, Ocho Rios.

- Nelson, G. Exercise training for patients with stable chronic Heart Failure UHWI Cardiology Unit, Heart Failure Symposium, February 13, 2009.
- Riley, C.K., Wheatley, A.O., Adebayo, S.A. and Helen. N. Asemota (2008) A comparative investigation of the effect of physicochemical properties on the in vitro digestibility of yam (*Dioscorea sp.*) starches. Institute of Food Technologist Annual Meeting and Food EXPO, New Orleans, USA.
- Stephenson S., P. D. Brown, M. Wilks. Emergence of *qnr*-mediated quinolone resistance among Enterobacteriaceae in Jamaica. 26th International Congress of Chemotherapy and Infection. Toronto, Canada, June 18-21, 2009.
- Young-Martin, L. "Estrogen not testosterone enhances memory in aged male rat" 38th Annual Conference of the Society for Neuroscience (SFN), Washington D.C., USA, November 14-19, 2008.
- Young-Martin, L. "HighTestosterone Coupled with Oestrogen Significantly Impaired Cognition in Aged Males". Annual International Conference on Alzheimer's Disease (ICAD), Reed Messe Wien, Vienna, Austria, July 11-17, 2009.

PUBLICATIONS

Books and monographs

* E. Morrison and D. Ragoobirsingh (2008). Diabetes in the Caribbean-An Epidemiological Review In: Epidemiology of Diabetes (Ekoe, J.M., Rewers,M., Williams,R and Zimmet, P., editors) John Wiley & Sons Publishing Company, London, England, 163-169.
* Barcelo A., C.D. Karkashian,E.Duarte de Munoz and D. Ragoobirsingh (2009) Atlas of Diabetes Education in Latin America and the Caribbean, 2nd Edition, Pan American Health Organization Publication, Washington, D.C, USA.

* Pitsaladis Y, Sands R, Irving R. (2009) Anthropology of Sport and Human Movement, 1st Edition Rowman & Littlefield Publishers, Lanham , MD, USA.

* Ragoobirsingh D and Ann Fullick (2009). Human and Social Biology for Caribbean Secondary Education Certificate, 2nd Edition, Pearson/Longman Publishing for the Caribbean, London, England.

Refereed Journal Articles

WIMJ = West Indian Medical Journal

* Alexander-Lindo R. L, E. Y. St. A. Morrison, M. G. Nair and D. McGrowder (2007). A Study of the Effect of the fractions of the hexane bark and Stigmast-4-en-3-one isolated from *Anacardium occidentale* on glucose tolerance in an animal model. *International Journal of Pharmacology* 3 (1): 41- 47.

* Amarakoon, I. I., Roye, M. E., Briddon, R. W., Bedford, I. D., Stanley, J. (2008). Molecular characterization of Macroptilium yellow mosaic virus from Jamaica. *Plant Pathology* 57:417-426.

* Bailey-Shaw, Y., Golden, K. D., Pearson, A. G. M. and Porter, R. B. R. (2009). Characterization of Jamaican Agro-Industrial Wastes. Part I: Characterization of amion acids using high performance liquid chromatography: Precolumn derivation with phenylisothiocyanate. *Journal of Chromatographic Science* 47: 3-9.

* Bowers, A., Pepple, D. J. and Reid, H. L. (2008). Oxygen delivery index in subjects with normal haemoglobin (HbAA), sickle cell trait (HbAS) and homozygous sickle cell disease (HbSS). *Clinical Hemorheology and Microcirculation.* 40 (4): 303 - 309 (2008).

* Campbell S, R. Alexander-Lindo, T. Dasgupta, D. McGrowder and L. Gordon (2008). The Effect of S-nitroso-N-acetylpenicillamine and S-nitroso-captopril co-administered with cysteine on blood glucose concentration in an animal model. *American Journal of Biochemistry and Biotechnology* 4 (3): 265-272.

* Cawich, S. O., M. Gardner, R. Shetty and H. E. Harding (2009) A Post Mortem Study of Elongated Styloid Processes in a Jamaican Population. *Internet Journal of Biological Anthropology:* 3 (1).

* Choo-Kang, E. and Reid, H. L. (2008). Microalbuminuria in diabetes mellitus. *The International Journal of Medicine.* http://www.priory.com/medicine/microalbuminuria_diabetes.htm

* Dilworth, L., Omoruyi, F.O., Reid, W. and Asemota, H.N (2008). Bone and Faecal Minerals and Scanning Electron Microscopic Assessments of Femur in Rats Fed Phytic Acid Extract from Sweet Potato (*Ipomoea batatas*). *Biometals* 21:133-141.

* Dilworth, L.L., Omoruyi, F. O. and Asemota, H.N. (2007). *In vitro* availability of some essential minerals in commonly eaten processed and unprocessed Caribbean tuber crops, *BioMetals,* 20:37-42. URL http://dx.doi.org/10.1007/s10534-000-9012-4.

* Gordon L. E. Morrison, D. McGrowder, Y. Pena-Fraser, E. Zamoraz, D. Garwood, R. Alexander-Lindo, R. Irving (2008). Effect of yoga and traditional physical exercise on hormone levels and percentage insulin binding receptor in patients with type 2 diabetes. *American Journal of Biochemistry and Biotechnology* 4 (1): 35-42.

* Gordon L, E. Y. Morrison, Ronald Young, Donovan McGrowder, E. M. Zamoraz, R. L. Alexander-Lindo and R. Irving (2008). Effect of exercise therapy on lipid profile and oxidative stress indicators in patients with type 2 diabetes. *BMC Complementary and Alternative Medicine* 8: 21.

* Gordon Lorenzo, Errol Y. Morrison, Donovan McGrowder, Ronald Young, David Garwood, Eslaen M. Zamoraz, Ruby Lisa Alexander-Lindo and Rachel Irving. Changes in Clinical and Metabolic Parameters After Exercise Therapy in Patients with Type 2 Diabetes. *Archives of Medical Sciences* 4 (4): 427-437.

* Gossell-Williams, M., K. Lyttle, T. Clarke, M. Gardner, O. Simon (2008). Supplementation with pumpkin seed oil improves plasma lipid profile and cardiovascular outcomes of

female non-ovariectomized and ovariectomized Sprague-Dawley rats. *Phytotherapy Research* 22 (7): 873-877

* Gossell-Williams, M, Davis A, Aiken W, R. Mayhew (2008) Herbal preparation use among patients with benign prostatic hyperplasia attending a urology clinic in Jamaica, West Indies. *WIMJ* 57:75

* Gossell-Williams M and S. Adebayo (2008). The "Pharm Watch" Programme: Challenges to engaging the Community Pharmacists in Jamaica. *Pharmacy Practice.* 6 (4):187-90.

* Jackson, Maria, Susan Walker, Candace Simpson, Norma McFarlane-Anderson, Franklyn Bennett, Kathleen Coard, Tomlin Paul, Trevor Tulloch, William Aiken, Robert Wan. (2009) Are food patterns associated with risk of prostate cancer in Jamaican men? *BMC Infectious Agents and Cancer*. http://www.infectagentscancer.com/content/4/S1/S5.

* James, T., Reid, H. L. and A. M. Mullings (2008). Are published standards for haematological indices applicable across populations?: An evaluation in Jamaican women. BMC. *Pregnancy and Child Health.* 8: 8-12.

* Jayaprakasam B, R. L, Alexander-Lindo, D. L. Dewitt and M. G. Nair (2007). Terpenoids from Stinking Toe *(Hymneae courbaril)* fruits with cyclooxygenase and lipid peroxidation inhibitory activities. *Food Chem.* 105: 485-490.

* McGrowder Donovan, Algie Williams, Lorenzo Gordon, Tazhmoye Brown, Ruby Alexander-Lindo, Rachael Irving, Michelle Hamilton, Yeiny T.P. Fraser (2009). Hypocalciurea in Preeclampsia and Gestational Hypertension due to decreased fractional excretion of calcium. *Archives of Medical Science* 5 (1): 80-85.

* McGrowder Donovan, Kevin Grant, Rachael Irving, Lorenzo Gordon, Tazhmoye Crawford, Ruby Alexander-Lindo, Yeiny T.P Fraser (2009). Lipid Profile and Clinical Characteristics of Women with Gestational Diabetes and Preclampsia. *JMB* 28 (2) 1-5.

* McLaughlin, P. D., McLaughlin, W. A., Maxwell, D. P., Roye, M. E. (2008). Preliminary identification of

begomoviruses infecting crops and weeds in Belize. *Plant Viruses* 2(1):58-63.

* Mulabagal Vanisree, Ruby L, Alexander-Lindo, David L. Dewitt and Muraleedharan G.Nair. (2008). Functional Food Components of *Antigonon leptopus* Tea. *Food Chem.* 106: 487-492.

* Omole, M. A., Noah, N., Zhou, L., Almaletti N., Sadik, O.A., Asemota, H. N., William, E.S. and Gilchrist, J. (2009). Spectroelectrochemical Characterization of Pain Biomarkers. *Analytical Biochemistry.* www.elsevier.com/locate/yabio.

* Pepple, D. J. and Reid, H. L. (2009). Alterations in hemorheological determinants and glycosylated haemoglobin in Jamaican diabetic patients with retinopathy. *Journal of the National Medical Association.*101 (3): 258-260, (2009).

* Philippe Connes, Reid, Harvey. L., Hardy-Dessources, M-D., Morrison, Errol. and Hue, Olivier. (2008). Physiological Responses of Sickle Cell Trait Carriers During Exercise. *Sport Medicine* 38 (11): 931-946.

* Powell, M., Wheatley, A.O., Omoruyi, F., Asemota, H.N., Williams, N.P. and Tennant, P. (2008) Effect of subchronic exposure to transgenic papaya (Carica papaya L.) on liver and kidney enzymes and lipid parameters in rats. *J. Sci. Food Agric*. 88: 2638-2647.

* Ragin, Camille, Angela Watt, Nina Markovic, Clareann H Bunker, Rbobert P Edwards, Stacy Eckstein, Horace Fletcher, David Garwood, Susanne M Gollin, Maria Jackson, Alan L Patrick, M.Smikle, Emanuela Taioli, Victor W Wheeler, Jacque B Wilson, N Younger, Norma McFarlane-Anderson. (2009) Comparison of high – risk cervical cancer HPV infections in Caribbean and US populations. *BMC Infectious Agents and Cancer.* http:www.infectagentscancer.com/content/4/S1/S9

* Riley, C.K., Bahado-Singh, P.S., Wheatley, A.O., Ahmad, M.H. and Asemota, H.N. (2008). Relationship between the physicochemical properties of starches and the glycemic indices of some Jamaican yams *(Dioscorea spp.)*. *Molecular Nutrition & Food Research* 52: 1372-1376.

* Riley, C. K., Adebayo, S.A., Wheatley, A.O. and Asemota, H.N. (2008) Surface properties of yam *(Dioscorea sp.)* starch powders and potential for use as binders and disintegrants in drug formulations. *Powder Technology* 185: 280-285.

* Riley, C. K., Adebayo, S.A., Wheatley, A.O. and Asemota, H.N. (2008). The interplay between Yam *(Dioscorea sp.)* starch botanical source, micromeritics, and functionality in paracetamol granules for reconstitution. *Eur. J. Pharm. Biopharm.* 70 (1):326-34. DOI.org/10.1016/j.ejpb.2008.03.001

* Singh, Keerti, D. Kesavi and Melani Rajendran (2009) Tendinous architecture of extensor digitorum. *The FASEB Journal.* 23: 821 822.

* Vanisree M, R. L, Alexander-Lindo, D. L. Dewitt and M. G. Nair (2008). Functional Food Components of *Antigonon leptopus* Tea. *Food Chemistry* 106: 487-492.

* Vigilance, J. E. and Reid, H. L. (2008). Segmental blood flow and rehological determinants in diabetics with peripheral occlusive arterial disease. *Journal of diabetes and its Complications* 22 (3): 210-216.

* Watt, A., David Garwood, Maria Jackson, Novie Younger, Camille Ragin, Monica Smikle, Horace Fletcher, Norma McFarlane-Anderson (2009). High-risk and multiple human papillomavirus (HPV) infections in cancer-free Jamaican women. *BMC Infectious Agents and Cancer.* http://_Hlt238466432_Hlt238466432_Hlt238466433www.infectagentscancer.com/content/4/S1/S11.

Abstract in Peer Reviewed Journal

* Allen S, Gordon C, Hudson-Ducasse G (2008): Exercise and Mental Health: Are there differences in some psychological measures between students on a university campus who exercise regularly and those who are sedentary? *WIMJ*: 57 (Suppl 4) 32.

* Cohall D.H. and P. D .A Singh (2009) The effect of an aqueous extract of *Smilax regelii* on the overall metabolic status of Sprague-Dawley rats and the investigation of its

folklore medicine claim as a diuretic agent' (Abstract) *WIMJ* 58 (S2): 54-55.

* Dyer R, Gossell-Williams M and Young L (2008). Induced deficit in hippocampal-dependent spatial memory development of pups from lithium-treated pregnant rats. *WIMJ:* 57(Supp 4): 40 Abstract P-18.

* Dyer R, Gossell-Williams M and Young L (2009). Induced deficit in hippocampal-dependent spatial memory development of pups from lithium treated pregnant rats. *FASEB J.* 23:586.5.

* Gordon C, McCaw-Binns A, Wilks R (2008): The effect of aerobic exercise training on disablement in community-dwelling persons with chronic stroke. *WIMJ* 50: (Suppl 4).

* Lopez AN, Gossell-Williams M. D and Simon O. R (2009). Choline supplementation influences OGTT in presence of acute hyperhomocysteinemia *FASEB J.* 23:760.6.

* Pepple, D.J, L. E. Young and R. G. Carroll (2009) A Comparison of Students' Performance in Multiple Choice and Essay Questions in the MBBS Stage I Physiology Examination. *J. Physiological Sciences* 59 (Suppl. 1): P4AM-29-1.

* Solomon D, Roopchand-Martin S (2008): Do pain scores correlate with disability in Trinidadians with chronic low back pain. *WIMJ* 38: (Suppl 4).

INCOME GENERATION

Research Grants:

Professor Helen Asemota, Dr. Andrew Wheatley and Dr. Perceval Bahadoosingh

– Glycemic indices of Jamaican foods and the development of Low-GI products for diabetics and health conscious individuals. National Health Fund **US$62,100.00.**

Professor Norma McFarlane-Anderson

- Isoflavone and Lignan as biomarkers For Dietary Phytoestrogen Intake and their relation to Uterine Leiomyomata (fibroid) risk" Caribbean Health Research Council (CHRC). **US$5,000**.
- Prostate cancer in Jamaican men: are there associations with inflammation, infection and genetic predisposition? Collaborators: Dr. Maria Jackson (Community Health & Psychiatry) and Dr. M. Tulloch-Reid (TMRI) CHASE fund **J$6,360,000**.

Dr Sherline Brown

- Coconut Industry Board/Common Funds for Commodities (CFC) "Sustainable Coconut Production through Control of Coconut LethalYellowing" (CFC/FIGOOF/22) – to study the mechanism of transmission on lethal yellowing phytoplasma in alternate hosts and vectors. **US$36,000**

Dr. Paul Brown

- Campus Research and Publication Fund, UWI, Mona; PI (Awarded to Gabrielle Andrade)**US$2,050** for the project Investigation of the basis of attachment of Leptospira species to mammalian cells.
- Campus Research and Publication Fund, UWI, Mona; PI (Awarded to Ann-Tenneil O'Connor) **US$1,700** for the project Mechanism of degradation of organic compounds and consequent biochemical effects in aquaculture species
- CHASE Fund; Co-PI (with Prof. John Lindo) **J$3M** for the project
- "Malaria and leptospirosis as possible causes of fever during an epidemic of dengue in Jamaica"

Dr. Wayne McLaughlin

- Coconut Industry Board (CIB)/Common Funds for Commodities (CFC) "Sustainable Coconut Production through Control of Coconut Lethal Yellowing" (CFC/FIGOOF/22) – to study the possible erosion of resistance to lethal yellowing in coconuts (Mrs Millicent Wallace (CIB) Postgraduate student) **US$24,700**.

- Integrated Pest Management (IMP) Collaborative Research Support Project (CRSP) Sub Award Co-PI from Virginia Tech – "Insect-transmitted viruses in Central America, Caribbean and sub-Saharan Africa. **US$12,650.**

Dr. Paul Singh

- Campus Committee for Research and Publication and Graduate Award for Anikki Burnett. Title: Investigations of extracts of a local plant used in Caribbean folklore medicine to treat diabetes mellitus. **US$2,500.**

Dr. Maxine Gossell-Williams

- Campus Committee for Research and Publication and Graduate Award for Coretha Hyde.: Title: Evaluation of the physiological, cytological benefits of pumpkin seed oil supplementation in post-menopausal women. **US$1702.00.**

PUBLIC SERVICE

Professor Helen Asemota

- Chairman, Institutional Research Board (IRB), Shaw University, North Carolina.
- Member, International Proxy Parents' Education Committee, Jamaica.
- Member, Executive Committee, International Christian Fellowship (ICF), USA.
- Chairman & Co-Founder, Imade Asemota Foundation (IAF) for Sickle Cell Research & Patients' Welfare, USA.

Dr. Paul Brown

Member, Technical working group on Leptospirosis, Jamaica

Ms. Gillian Hudson-Ducasse

- Member, Combined Disabilities Association
- Member, Friends of the Consie Walters Cancer Care Center

Mr. Michael Gardner

- Executive Member, Jamaica Historical Society

Dr. Kerith Golden

- Vice Chairman, Stock Form Road Citizens Association, Golden Spring, St. Andrew
- Member, Editorial Advisory Board for Stewarts Post harvest Review.

Dr. Maxine Gossell-Williams

- Scholarship Chair-Jamaica Fulbright-Humphrey's Alumni Association
- Member, Optimist club of North St. Andrew
- Pharmacology Section Representative – Central Drug and Therapeutics Committee- Ministry of Health.
- Executive Member, Citizen Association of Armour Glades

Dr Arkene Levy

- Staff representative, Rotoract club of UWI
- Member, CARPIN Education Subcommitee

Professor McFarlane-Anderson

- Chairman, Education Committee – International Proxy Parents
- Friends, Foundation for International Self Help (FISH).

Dr. Wayne McLaughlin

- Board Member, Coconut Industry Board
- Deputy Chairman, National Commission on Science and Technology, Biosafety Committee
- Council Member, Jamaica Society for Agricultural Sciences

Ms. Gail Nelson

- President, Jamaica Physiotherapy Association
- Jamaica's representative, North American/Caribbean Regional Chapter, World Confederation of Physical Therapy

Prof. Omkar Parshad

- Immediate Past President, Lions Club of St. Andrew, Jamaica
- Vice President, Indian Cultural Society in Jamaica.

Professor Dalip Ragoobirsingh

- Chief Examiner, Caribbean Examination Council, CSEC Human & Social Biology.
- Diabetes Educator, Diabetes Association of Jamaica (DAJ)

Prof. Harvey Reid

- Member, Board of Governors, Cross Keys High School, Manchester
- Member, Jamaica Wellness Cluster
- Member, Manchester Herb and Spices Association
- Member, Manchester Chamber of Commerce
- Member, Rural Agricultural Development Authority (RADA)

Dr. Oswald Simon

- Observer, Technical Advisory Committee, CARICOM Drug Testing Laboratory

Dr. Paul Singh

- Member, Caribbean Poison Information Network Management Committee

Dr. Lauriann Young- Martin

- Council Member, Holy Cross Community

Dr. Andrew Wheatley

- Director, Jamaica Anti-Doping Commission
- Member, Jamaica National Commission for UNESCO
- Chair, Subcommittee on Science and Education, National Anti-Doping Commission
- Vice-president, Association of Local Government Authorities of Jamaica (ALGAJ)
- Chair, Education and outreach Committee (JADCO)
- Chairman, St. Catherine Parish Council

Students Registration In programmes

BB Med Sci.
Year 1 = 40
Year 2 = 22
Year 3 = 19

MB BS
Year 1 = 190
Year 2 = 170
Year 3 = 163

Physical Therapy
Year 1 = 38
Year 2 = 41
Year 3 = 13

Allied Health Students
Year 1 = 54

BSc Biochemistry/Biotechnology/Molecular Biology
Year 1 = 310
Year 2 = 101
Year 3 = 68

Postgraduate Degrees Awarded

Natala Burnett – PhD Molecular Biology

Curtis Green – PhD Biochemistry

Damian Cohall – PhD Pharmacology

Postgraduate Scholarships Awarded

UWI Postgraduate Scholarship

Fallon Lutchmansingh – MPhil Biochemistry

Kesi Brown – MPhil Biochemistry

UWI 60th Anniversary Scholarship

Tricishanna Henry – MPhil Pharmacology

DEPARTMENT OF COMMUNITY HEALTH AND PSYCHIATRY

Professor the Hon. Denise Eldemire-Shearer, BA *Bishop's (C)*, **MBBS, PhD** *UWI* **– Head of Department**

WORK OF THE DEPARTMENT

The Department of Community Health and Psychiatry offers training at both undergraduate and postgraduate levels in several areas, including psychiatry, public health, family medicine and ageing. Until June 2009 HARP and CHART programmes were also part of the activities. Clinical primary health care services are offered to the surrounding communities by the Department's Health Centre which is also a teaching facility and Clinical Psychiatric services through the hospital.

The period August 08- July 09 has been a challenging one given the increased number of students and the financial constraints, especially inflation. Despite this 80% of the targets for the period 2008-2009 were met. The undergraduate set twelve targets and achieved eight and the ninth partially. Psychiatry achieved three of four targets and the postgraduate five of six and the sixth partially.

Undergraduate Programmes

Community Health is taught in all 5 years and Psychiatry in years 1, 3 and 4. The increase in numbers especially in years 1 and 2 has led to revisions in the delivery of courses. These include the introduction of more interactive sessions and built in continuous assessment. The psychology component of Health Care Concepts (HE 11A) was improved this year in response to last year's students evaluation. More community sites have become necessary for the community rotations and with 4 groups going to different locations daily, transportation has been the major challenge. This year the communication skills

component of the programme was evaluated by all involved to coordinate the content by year and section. The counseling modules were reviewed and strengthened by both sections jointly. Training of a cadre of simulated patients for the objective structured clinical examination began with 8 persons.

The content and delivery of the year 5 rotation was evaluated and minor modifications made. Course coordinators have set their targets for 09-10 in keeping with the Faculty's Strategic Plan and the ongoing initiatives in quality assessment.

Students' ratings of staff remain high 90% averaging over 4.5. Four members of staff were commended for receiving a score of 5 on several occasions. Course evaluations were slightly lower, averaging 4.3

Several members of staff have attended workshops by IDU and MEU on improving teaching skills including curriculum design and setting examinations.

Students performed well in end of term exams only Environmental Health (HE 12B) having re-sit exams.

Post Graduate Programmes

The MPH is now 25 years old and continues to meet one of its early objectives which is to contribute financially to the department.

As part of the ongoing curriculum review the course on infectious diseases was strengthened by including case studies. The health promotion students staged a one day exhibition on healthy lifestyles in the car park for the University community. Work is continuing on establishing an MPH website. This year an innovation was added a workshop on, "The media and technology in Health to assist students in methods of disseminating health information.

As part of the general quality assurance thrust MPH lecturers were evaluated through the Deputy Principal's office as part of the pilot to include Postgraduate programmes in the evaluation process. Lecturers' averaged 4.3 and courses 4.2 over both semesters. The evaluations revealed problems in two courses which will be addressed.

The MPH continues to contribute to the development of health professionals in the region. Graduates are now Ministers of Health,

CMO'S and directors of health programmes including HIV/Aids control.

Doctor in Public Health (DrPH)

A third Public Health degree has been developed and approved. The doctorate in Public Health is a four year degree with a mixture of teaching, research and achieving public health competencies. Nine students have been accepted for the first cohort.

Family Medicine

Efforts to restart the Family Medicine programme have begun. One staff member is enrolled in the programme and a new curricula and manual is being developed. An endowment has been received from Mr. Ray Chang which will accelerate this programme.

MPhil/PhD

The research based degree programmes continue with efforts to improve throughput. A new evaluation form has been developed for use by the students. Although the Clinical Psychology programme is suspended pending transfer to another department nine students remain in the programme.

Psychiatry

The DM was reviewed and both the curriculum and the regulations revised. The exercise led to strengthening of the collaborative framework among campuses although the exam process revealed more research was necessary. The research component of the programme has been strengthened.

Online Programmes

Two programmes are offered; the ageing programme has not done well and students enrolled in the online programme have withdrawn due to problems with registration and online access. In contrast the online certificate in substance abuse prevention and treatment has 25 students registered.

Outreach Teaching

EMT

The department continues to train emergency medicine technicians. Heart foundation provides the certification. Assistance is given with teaching on the medicine undergraduate programme.

Action Ageing

Trading of community based personnel is the modem thrust of this entity. The six month certificate course was offered with international participation workshops on ageing were held for staff of the Ministry of Health and National Council for Senior Citizen. There were 21 students who were also trained in The Community Care of the Elderly, sixteen of which were Jamaicans, one from Anquilla, one from Dominica and two from Bahamas.

Mona Ageing and Wellness Centre

The Mona Ageing and Wellness Centre has continued its programme of research particularly the health of older men, age friendly guidelines and measuring wellbeing of elderly persons.

Two Social Work and one MPH students did practica with the Centre. There were overseas visitors including students and lecturers from Spellman College.

Staff members were involved in several meetings and community workshops to promote active ageing.

A six month geriatric fellowship was arranged with Kings College for a DM medicine resident.

Research

There were 36 publications in peer reviewed journals, eighteen book chapters and 34 abstracts. Members of staff made sixty-nine presentations at scientific meetings both nationally and internationally. Several research grants were received by members in the section of Psychiatry and one member received a Principal Fellowship Award.

Members of Psychiatry have strengthened their research activities resulting in several ongoing studies and an increase in the number of papers from the section. The mental health work (Dr. Abel) has contributed to the National Mental Health Policy f or Jamaica and regionally through CARICOM and PAHO both in Barbados and Washington.

International work continues in ageing, reproductive health issues and mental health- all three areas contributing to international guidelines and manuals as well as papers. Substantial work on prostate cancer also continues.

It is necessary to increase the number of staff involved in research and with 4 members of staff receiving PhD's over the past 12 months this is expected to improve. The addition of two staff members especially to reduce the heavy teaching loads in certain areas as also expected to help improve research productivity.

More collaboration in research between staff members is being encouraged by the formation of three research groups and the development of themes.

Research Completed

Health Status and Seeking Behaviour of Jamaican men 55 years and over

Age-friendly Primary Health Care (PHC) Centre Guidelines. WHO, Multi-country study.
http://whqlibdoc.who.int/publications/2004/9241592184.pdf

SPECIAL PROJECTS

W. Abel

The Establishment of the Special Programmes for Children with severe Behavioural Problem **(Ministry of Education) – January 2009**

Establishment of Induction and Counseling Services for Person Deported **(Ministry of National Security) – June 2009**

Development of Life skills Training Programmes: Targeting residents of inner communities **(Community Security Initiative – Ministry of National Security and Justice)**

M. Jackson

Conducted workshop on Data Analysis and Reporting of Food Consumption Survey at the University of Botswana / National Food Technology Research Centre, Gaborone, Botswana. Initiated data analysis for the study entitled, "Diet and weight status of adults in Botswana, (University of Botswana / UWI – March, 2009).

Received funding ($6.36m) from CHASE for the study entitled, "Prostate cancer in Jamaican men: are there associations with inflammation, infection and genetic predisposition?" (Jackson M, McFarlane-Anderson N, Tulloch -Reid M).

Funded Research

W. Abel

- **Client Satisfaction Survey** – Child guidance (Ministry of Health/UNICEF: $600,000)
- **Knowledge Attitude of Staff of Child Guidance Clinic** (Ministry of Health / UNICEF: $600,000)
- **Audit of Treatment and Rehabilitation Facilities** (National Council on Drug Abuse/Ministry of Health: $600,000)
- **Knowledge, attitude towards mental illness – Post Mental Health Promotion Survey** (National Health Fund/Ministry of Health: $2.5 million)

A. McCaw Binns

- Field Trials of new guidelines for Maternal Mortality surveillance WHO Geneva US$ 6,000

Dr. T. Paul and A. **McCaw Binns**

- Comprehensive assessment of existing service delivery option with the early childhood section $4.5 million

SERVICE

Service is offered through the Health Centre attached to the department which also serves as a teaching site for undergraduate (130 students) and postgraduate students including nursing, the DM emergency medicine (6) interns (2) and senior house officers (2). Seven thousand three hundred patients were seen.

Psychiatric clinical services are offered through in-patient, out-patient and ambulatory community mental health services. Three hundred and eight patients were seen in screening clinics and three thousand two hundred in general clinics. Both postgraduate and undergraduate students accompany the community mental health team and participate in the activities of the detoxification unit. The development of psychotherapy services is a significant achievement this year.

PAPERS PRESENTED

Abel W.

- National Forum: Mental Health Promotion and Mental Disease Prevention
- Community Psychiatry in the Caribbean – Findings from Research Conducted in the Caribbean, October 2008, Trinidad and Tobago.
- Depression – Comprehensive evaluation and treatment. "Are patients going underdiagnosed." Caribbean College of Family Physicians, March 2009
- Treatment of Depression: Palliative Care Conference, April 2009.
- Low Threshold Centres: CARICOM Workshop on Substance Abuse, June 2009.

Bailey A.

- "Electronic Media Consumption of Jamaican Adolescents" Caribbean Child Research Conference (CCRC) October 22, 2008.

- Effective Support for persons living with HIV" Centre for HIV & AIDS Research, Education and Services (CHARES) staff development workshop November 2008.
- (with S Hall), Is Jamaica's Solution to Youth Lifestyle and Empowerment (JA-STYLE) changing adolescent behavior, Faculty of Medical Sciences 17th Annual Research Day Conference, November 2008.

Bourne P. A.

- (with Beckford O. W.), Factors that Influence Self-Rates Health Status of Jamaicans. Caribbean Child Conference, UNICEF, October 22-23, 2008.
- (with Carnwall G. P). Modeling Socio-demographic and Psycho-economic Factors that Influence Self-reported Health Status of Young Females ages 12-17 years. Caribbean Child Conference, UNICEF, October 22-23, 2008.
- Factors that Influence Self-Reported Health status of Youth. Caribbean Child Conference, UNICEF, Jamaica Pegasus Hotel, Kingston, Jamaica, October 22-23, 2008.
- Examining Factors that Influence Wellbeing of the Working Age Population in Jamaica. Jamaica Institute of Environmental Professionals, Fourth Conference, Jamaica Pegasus, Kingston, Jamaica, May 26-27, 2009.

Campbell N.

- "Strengthening of the Occupational Safety and Health (OSH) component of the Ministry of Health's Environmental Health Programme", Seminar Ministry of Health.

DeLa Haye W.

- Cannabis: Negative Impact on Mental Health in Jamaica. Ena Thomas Memorial Symposium 2008. Jamaica Pegasus, November 30, 2008
- (with Morin-Abrahams S., Henry R., Williams F.). The Jamaica Child and Adolescent Gambling Survey 2007. National Centre for Responsible Gaming 9th Annual Conference, Mandalay Bay Hotel, Las Vegas Nevada, USA.

- The Challenges in the Management of the Dually Diagnosed Patient. Western Regional Mental Health Conference, Montego Bay, October 9, 2008
- Morin-Abrahams S, Henry R., Williams. The Jamaica Child and Adolescent Gambling Survey 2007. Western Regional Mental Health Conference, Montego Bay, October 9, 2008.

Eldemire-Shearer D.

- Public Health & Longevity – The Jamaican Experience. International Federation on Age 9th Global Conference, Montreal, September 2008.
- Falls & Falls Prevention – Perspective from Jamaica. International Federation in Ageing's 9th Global Conference, Montreal, September 2008.
- Impact of Population Ageing on the Health Workforce – A Clinical Toolbar. International Federation on Ageing's 9th Global Conference, Montreal September 2008.
- The different Pathways to Dementia. World Alzheimer's Day for Ageing alliance ZLOJ auditorium, September 19, 2008.
- (with DM Barrett, Cama L., Xiao L., Lindo JF). Transmission pathway of cryptosporidium sp among hiv-seropositive individuals in Jamaica, Faculty of Medical Sciences 17th annual Research Day Nov. 2008.
- Public Health Training Programmes, UWI, Mona. PAHO's meeting on Public Health Education in the CARICOM Region. Barbados, December 7-8, 2009.
- Emergency Preparedness & Older Persons – The Jamaican Experience, Conference on Comprehensive Disaster Management, CDERA, Barbados, December 9-10.
- Older Persons in Disaster – The Jamaican Experience. Caribbean All Hazards Conference, Montego Bay, December 15-16, 2009.

Figueroa JP

- Wilbert Jeffrey-Smith Wilson Lecture: "The HIV Epidemic – Challenging Boundaries and Roles". Annual Symposium of the Association of Consultant Physicians in Jamaica, Sept 13, 2008.
- "HIV in the Caribbean: progress and challenges". PANCAP Annual General Meeting, October 30-31, 2008.
- (with Jones-Cooper C.) "Attitudes towards male circumcision among STI clinic attendees in Kingston, Jamaica". Caribbean Health Research Council Scientific meeting St Lucia, April 24, 2009.
- "HIV Prevention in the Caribbean: key research issues and challenges". UNAIDS Symposium on HIV prevention research. St Lucia, April 14, 2009.
- "Attitudes towards male circumcision among STI clinic attendees" in Kingston, Jamaica. HIV Vaccine Awareness Day workshop, ERTU, May 18, 2009.
- (with Weir SS, Jones-Cooper C, Byfield L, Hobbs M, McNight I, Cummings S.). "High rates of HIV and bisexuality among MSM in Jamaica act as a bridge for HIV into the general population". 18th International Society for STD Research. London, June 28 – July 1, 2009.
- "HIV Prevention in Jamaica". National HIVSTI Program BCC Annual Retreat, Ocho Rios, Jamaica, July 8-10.
- "To Circumcise or not to Circumcise?" National HIV Training workshop, Kingston, Jamaica, July 28, 2009.

Goulbourne J.

- Preparedness for Retirement, Medical main Lecture Theatre November 5, 2008
- (with Paul T.), A two-year experience with teaching personal and professional development (PPD) to first year and medical students at UWI Mona, Jamaica. Network Conference, Colombia, September 29 – October 2, 2008.

Harris M.A.

- (with McCartney I S.), Risk factors for Type 2 Diabetes mellitus among students of the Turks and Caicos Islands Community College, 54th Annual CHRC Conference April 2009

Hickling FW.

- "Violence and its impact on Social Values", University of Technology New Student Orientation, August 18, 2008.
- (with Robertson-Hickling, H, Paisley V, Palmer, T, Guzder, J.) "A Cultural Therapy Risk Reduction Program for 9-year-olds from Inner City Kingston: A. CARIMENS Pliot Project". Unicef Caribbean Child Research Conference, The Jamaica Pegasus, Kingston, Jamaica, September 2008.
- "Music as Therapy" Merritone Conference, Mona School of Business and Department of Management Studies, UWI, October 2008.
- "Rehabilitation of the Mentally Ill" Western Regional Mental Health services: National Mental Health Day Conference Grand Palladium Resort and Spa, Lucea, Hanover, October 2008
- "Rastafari as an African Diaspora Liberation Movement!" Groundings: The Walter Rodney Conference Institute of Caribbean Studies, UWI, October 2007
- "Do It With Thy Might. Leadership and Legacy in Jamaica" Mico University College November 2008
- "Perspectives of the challenges and opportunities for reducing disparities in access to mental health services by the African Caribbean Diaspora". World Federation for Mental Health International experts Forum, Minneapolis, Minnesota, USA December 2008.
- "Preventing Dementia: Carving a way Forward for Jamaica". National Alliance for Aging, Guardian Life Insurance Building May 2009.
- "Cultural Therapy and language: The University of the West Indies "Use of English" Process – Towards a student learning

initiative at UWI Mona." Academic Board Meeting UWI, Mona, June 2009.

- "Access to Mental Health Care; Global Perspectives", World Psychiatric Association Conference in Florence Italy on April 2009.
- (with Rodriquez, J.), "Access to Mental Health Care; Latin America and the Caribbean" World Psychiatric Association, Conference Florence Italy, on April 2009.
- "The Development of Cultural therapy at The University of the West Indies". The Birmingham and Solihull Mental Health NHS Foundation Trust, April 6, 2009, Birmingham, UK
- "Cultural Therapy Defined". The Brooksbank Hall of the University of Birmingham on April 2009
- "The Development of Cultural Therapy at the Caribbean Institute of Mental Health and Substance Abuse, UWI", The Department of Psychology, University of Ghana, on April 17. 2009.
- (with Leiba, J, Paisley, V, Guzder, J.), "Conduct Disorder in the Jamaica Child Guidance Clinics". The Advanced Study Institute Workshop: McGill University, Montreal, Canada, April 2009.
- "The Use of Cultural Therapy for a National Youth Rescue Movement for At-risk Children in Jamaica". The Advanced Study Institute Workshop: McGill University, Montreal, Canada, May 2009.
- "Mental health publications in the Caribbean: Perspectives of Caribbean Psychology" Psychiatry Unit, UWI St. Augustine, Trinidad July 2009

McCaw-Binns A.

- (with Ashley D, Samms-Vaughan M.), Evidence based maternal, child and adolescent health – policy impact of cohort studies in a developing country. WHO conference on children's Environmental Health, Busan, South Korea, June 7-10, 2009.

Morgan K.

- (with Killough, A.L., Edwards, C.L., Russell, W. Robin, E., Merritt, M., Harrison, M.O., Wood, M., Hargrove, A., Leach-Beale, B., Raynor, R., McNeil, J. Pells, J., Wellington, C., Logue, P., McDougald, C., Whitfield, K., Byrd, G., Applegate, K., Bennett, G., Mathis, M., Abrams, M., Whitworth, E., DeCastro, L., Johnson, S., Horton, K. Scott, L., O'Garo, K.) (November, 2008) Does Culture Matter – Structural Systems Framework Using Underlying Construct Analysis to Conceptualize and Evaluate Approaches to Risk Reduction and HIV Prevention Intervention among Minorities. Health Equality: Honoring Culture While Closing the Gap. 2008 OMHN National Health Disparities Conference, Prior Lake, MN.

Powell J.

- The Age-friendly Primary Health Care (PHC) Centres Toolkit for the Management of Diabetes and Hypertension in Jamaica. Duke University School of Nursing Second Invitational Continuing Education Conference, Antigua October 2008.

Paul T.

- (with Scarlett H, Campbell N, Maharaj S.), Bioethics as added value in an environmental health programme for medical student. 3rd Bioethics Forum of the English Speaking Caribbean, Trinidad, June 5, 2009.
- (with Anthony Allen E.), Medical Students' Reflection on Taking a Spiritual History. 3rd Bioethics Forum of the English Speaking Caribbean, Trinidad, June 5, 2009.
- (with Branday J, Beman D, Williams E.), What's in one mark? Telescoping integrated and ongoing assessments. 13th IAMSE Conference, Holland, June 29 – July 3, 2009.

Abstracts

WIMJ = West Indian Medical Journal

- **Bailey A.,** Hall., Is Jamaica's Solution to Youth Lifestyle and Empowerment (JA-STYLE) changing adolescent behavior *WIMJ,* 2008;57 (Suppl 4):31
- Johnson P, **Bain B,** Atherly-Trim S., McKenzie S., Dowlath K., Jaskiewicz W., Price R., Gormley G., A rapid training needs assessment: Findings from an inter-disciplinary workshop-based needs assessment. *WIMJ,* 2009;58 (Suppl 2) 40
- **Bourne P.A.,** Factors that predict self-reported health conditions of people in the two poorest quintiles in Jamaica, *WIMJ,* 2009;58 (Suppl 2) 66
- **Bourne P.A.,** Quality of Life of Jamaican women Nov 2008 vol. 57 (supp 4) 37
- **De La Haye W.,** Early Age of Onset of Substance Use in Clients Admitted to a General hospital in Kingston Jamaica. September 2008; 104 (Suppl. 2): 820 XIV World Congress of Psychiatry.
- Gardner N., Luke K., Bahado-SinghP., Dilworth L., Wheatley A., **De La Haye W.,** Asemota H., NIDA International Forum, Nutritional Supplements in the Treatment (Secondary Prevention) of Chronic Cocaine Dependence 2008.
- **Eldemire Shearer D.** and **Powell J.** Piloting of the World Health Organization (WHO) Age Friendly Primary Health Care (PHC) Centre Toolkit in Jamaica. Conference Proceedings IFA 9th Global Conference on Ageing September 2008.
- Cloos P., Allen C., Alvarado BE., Zunzunegui M.V., **Eldemire-Shearer D.,** Simeon D.T., Active Ageing in the Caribbean: Findings from a multi-country qualitative study. *WIMJ,* 2009;58 (Suppl 2):18.
- **Eldemire-Shearer D.** and **Holder-Nevins D.** – Age Friendly Cities - A Multi-Country Study – Findings from Jamaica. Conference Proceedings IFA 9th Global Conference on Ageing September 2008.

- Barrett D.M., Gatei W., **Eldemire-Shearer D,** Cama., Xiao L., Lindo J.F., Transmission pathway of Cryptosporidium sp among HIV-seropositive individuals in Jamaica. *WIMJ,* 2008;57 (Suppl 4):18.
- **Figueroa JP,** Weir SS, Jones-Cooper C, Byfield L, Hobbs M, McKnight I, Cummings S. High HIV prevalence among hard to reach gay men in Jamaica is associated with high social vulnerability. Abstract 7427 XVII International AIDS Conference Mexico 2008.
- Weir SS, **Figueroa JP,** et al. High concurrent partnerships at sites where persons go to meet new sex partners contribute to increased risk of STI in Jamaica. Abstract XVII International AIDS Conference Mexico 2008.
- **Figueroa JP,** Weir SS, Jones-Cooper C, Byfield L, Hobbs M, McNight I, Cummings S. "High rates of HIV and bisexuality among MSM in Jamaica act as a bridge for HIV into the general population". 18th International Society for STD Research. London June 28 – July 1, 2009. Abstract OS2.3.03. www.isstdrlondon2009.com.
- Weir SS, **Figueroa JP**, Hobbs M, Byfield L, Cooper C. "What's in a name: Issues in defining most at risk populations". 18th International Society for STD Research. London 28 June – 1 July 2009. Abstract P3.136. www.isstdrlondon2009.com.
- **Figueroa J.P.** Attitudes towards male circumcision among STI clinic attendees in Kingston, Jamaica. *WIMJ,* 2009;58 (Suppl 2):1
- **Figueroa P.,** Combination HIV Prevention towards Universal Access Goals: what are the key research areas for the Caribbean?, *WIMJ,* 2009;58 (Suppl 2)
- McCartney I.S., **Harris M.A.** Risk Factors for Type 2 Diabetes mellitus among students of the Turks and Caicos Islands Community College (TCICC), *WIMJ,* 2009;58 (Suppl 2):37
- **Holder Nevins D.,** Goulbourne J., **Eldemire-Shearer D.,** Morris C., James K., Powell J., Williams S., Falls in Older Persons in Jamaica: A Qualitative Enquiry – Principal's Research Day, Mona, Jan. 2009

- Spence S., **Holder-Nevins D.,** Primary prevention: adolescents and chronic non-communicable diseases *WIMJ,* 2008 vol. 57 (supp 4) 34
- **Holder-Nevins, D., Eldemire-Shearer D., McCaw-Binns A.** Competition for adolescents' sexual and reproductive health values: Is the media winning? *WIMJ,* 2009;58 (Suppl 2):17-18
- **Holder-Nevins D.,** James J., Spence S., Primary prevention: adolescents and chronic non-communicable diseases. *WIMJ,* 2009;58 (Suppl 2):49
- Aiken W.D., Morrison B.F., **Jackson M,** Tulloch M., Mayhew R., Wan R., Bennett F., Coard K., Tulloch-Reid M.K., The effect of body mass index on prostate specific antigen levels in Jamaican men, *WIMJ,* 2009;58 (Suppl 2):16
- **Jackson M.,** Walker. Simpson C., McFarlane-Anderson N., Bennett F., Prostate Cancer in Jamaica: Association with dietary fat, *WIMJ,* 2009;58 (Suppl 2):19
- **James K., Goulbourne J., Eldemire-Shearer D., Holder-Nevins D., Morris C., Williams S., Powell J.,** Falls in Older Persons seen at the Hermitage/August Town Health Centre – Principal's Research Day, Mona Jan. 2009
- Pierre R.B., **Laws H.,** Plummer J., McCartney T., McDonald A.H., The Caribbean Association of Medical Councils Examination – precursor to a regional licensing examination, *WIMJ,* 2008 vol 57 (supp 4) 42
- Lipps G, **Lowe G.A.,** Halliday S, Morris A., Clarke N., Depression among fourth form students in Jamaican High Schools, *WIMJ*, 2009;58 (Suppl 2):45
- **Lowe G. A.,** Lipps G., Holiday S., A Morris N. Ceo, Depression among fourth form students at St Kitts and Nevis High Schools. *WIMJ,* 2008 vol. 57 (supp 4) 41
- Lipps G., **Lowe G.A.,** Clarke N., Halliday S., Morris A., Depression among fourth form students in Bahamian high schools, *WIMJ,* 2008 vol. 57 (supp 4) 9

- Scott S,D., **Maharaj S.R., James K.C.,** Preparing health workers for responsibilities in a decentralized healthcare system. *WIMJ*, 2008 vol. 57 (supp 4) 9
- Gordon C., **McCaw-Binns A.,** Wilks R.J, The effect of aerobic exercise training on disablement in community-dwelling persons with chronic stroke , *WIMJ,* 2008 vol. 57 (supp 4) 49
- Lindo J.L.M., LaGrenade J., **McCaw-Binns A,** Wilks R, Scott G, **Eldemire-Shearer D.**, An evaluation of the general health of employed persons in Kingston, Jamaica: a case for a uniform policy for workplace health promotion. *WIMJ,* 2009;58 (Suppl 2):26
- Alexander S., **McCaw-Binns A.**, Lindo J.L.M., Boyd D., **Eldemire-Shearer D.** Treatment of periodontitis was not associated with lower rates of pre-term low birthweight among Jamaican women. *WIMJ,* 2009;58 (Suppl 2):31
- **Moore S.,** (MPH student) Knowledge and attitude of dental practitioners in Kingston and St. Andrew towards treating persons living with HIV and AIDS Nov 2008 vol. 57 (supp 4) 49

Presentations at the 54th annual CHRC Meeting, April 2009.

- Closs P., Allen C., Alvarado BE., Zunzunegui MV., **Eldemire-Shearer D.,** Simeon D. T., Active Ageing in the Caribbean: Findings from a multi-country qualities study.
- **Holder-Nevins D., Eldemire-Shearer D., McCaw Binns A**. Competition for Adolescents' sexual and reproductive health values: Is the media winning?
- **Jackson M.**, Simpson C., McFarlane-Anderson N., Bennett F., Prostate Cancer in Jamaica: Associations with dietary fat.
- Aiken WD., Morrison BF.**, Jackson M.,** Tulloch M., Mayhew R., Wan R., Bennett F., Coard K., Tulloch-Reid MK., The effect of body mass index on prostate specific antigen levels in Jamaican men.
- Lindo JLM., **LaGrenade J. McCaw-Binns A.**, Wilks R., Scott G., **Eldemire-Shearer D.,** An evaluation of the general health

of employed persons in Kingston, Jamaica: A case for a uniform policy for workplace health promotion.

- **Lowe GA.,** Lipps G., Holiday S., Morris A., Clarke N., Depression among fourth form students St. Kitts and Nevis High Schools.
- Lipps G., **Lowe GA.,** Halliday S., Morris A., Clarke N., Depression among fourth form students Jamaican High Schools.
- Alexander S., **McCAw-Binns A.**, Lindo JLM., Boyd D., **Eldemire-Shearer D.,** Treatment of periodontitis was not associated with lower rates of pre-term low birth weight among Jamaican women.

PUBLICATIONS

Books

* Hickling FW, Matthies BK, Morgan K, Gibson RC. (Eds) "Perspectives in Caribbean Psychology". CARIMENSA Press, University of the West Indies, Mona. August 2008
* Hickling FW. The Cycles of Elmina: Healing Our Memories, Overcoming the Wounds of Our History. CARIMENSA Press, University of the West Indies, Mona. July 2009.
* **Thompson EM., Abel WD.,** Risk and Protective factors in the development of post-traumatic stree disorder symptom among a cohort of students in Two tertiary institutions posthurricane Ivan: Factores de Riesgo Y protection en el desarrollo de los simtomas de trastornos. *WIMJ,* 2009 Vol. 58 No. 2:179-80.
* **Barnaby, L., Gibson, R. C.** (2008) Factors affecting completion of a 28-day impatient substance abuse treatment programme at the University Hospital of the West Indies. *WIMJ,* 57:364-368
* **Bourne, PA.** (2009). Socio-demographic determinants of health care-seeking behavior, self-reported illness and Self-evaluated Health status in Jamaica. *International Journal*

of Collaborative Research on Internal Medicine and Public Health, Vol. 1, Issue 4:101-130. www.iomcworld.com//fcrimph.

* **Bourne, PA.,** McGrowder DA, and Crawford TV. (2009). Decomposing Mortality Rates and Examining Health Status of the Elderly in Jamaica. *The Open Geriatric Medicine Journal* 2:34-43.

* **Bourne, PA** and **Rhule, J** (2009). Good Health Status of Rural Women in the Reproduction Ages. *International Journal of Collaborative Research on Internal Medicine and Public Health,* Vol. 1, Issue 5:132-155 www.iomcworld.com/ifcrimph

* **Bourne PA,** Health Determinants: Using Secondary Data to Model Predictors of Wellbeing of Jamaicans. *WIMJ,* 2008; 57(5):476-481

* **Bourne PA.** Medical Sociology: Modeling Well-Being for Elderly People in Jamaica. *WIMJ,* 2009; 57(6):596-604

* **Bourne PA.** McGnowder D 2009 Rural Health in Jamaica: Examining and refining the Predictive factors of good health or rural resident *Journal of Rural and remote health* 9:1116.

* **Eldemire-Shearer D, Althea Bailey** (2008) Determinants of Risk Behaviour of Sex workers in Jamaica: A qualitative Approach, *WIMJ,* 2008;57 (5):450-55

* **Eldemire-Shearer D,** Ageing – The Response Yesterday, Today and Tomorrow, *WIMJ,* 2009;57 (6):577-595.

* **Eldemire-Shearer D,** Roberts S. Doctor of Medicine (DM) Training – Reflection on the UWI (Mona) Experience. *WIMJ,* 2009;57 (6):634-638.

* **Eldemire-Shearer D,** Health Information Systems. *WIMJ,* 2008; 57(4):321-322.

* **Figueroa JP,** Duncan J, Byfield L, Harvey K, Gebre Y, Hylton-Kong T, Hamer F, Williams E, Carrington D, Braithwaite AR. A comprehensive Response to the HIV/AIDS Epidemic in Jamaica: A review of the past 20 years. *WIMJ,* 57 (6):66: 562-576

* **Figueroa J.P.** Editorial The need to strengthen Malaria control in the Caribbean in the Ears of HIV/AIDS *WIMJ,* Vol. 57 No. 5: 425-6 Nov.

* Duncan J, **Figueroa J.P.** The quality of sero-surveillance in low and middle income countries. Letter March 9, 2009. STI online. http://sti.bmj.com/cgi/eletters?lookup=by_date&days=60#854.

* Nadai Y, Eyzaguirre LM, Sill A, Cleghorn F, Nolte C, Charurat M, Collado-Chastel S, Jack N, Pape JW, **Figueroa JP,** Blattner WA, Carr JK. HIV-1 Epidemic in the Caribbean is Dominated by Subtype B. PLoS ONE 2009; 4(3): e4814. doi:10.1371/journal.pone.0004814.

* **Gibson, R.C.,** Walcott, G. (2008) Benzodiazepines for catatonia in people with schizophrenia and other serious mental illnesses. *Cochrane Database of Systematic Reviews* 2008, Issue 4.

* **Hickling FW.** "The high cost of poverty: mental health perspectives from the Caribbean Diaspora". *International Psychiatry* 6(2), 29-30, 2009.

* **Hickling FW, Gibson RC, Abel WD.** "Public Policy and Mental health Research at the University of the West Indies, 1995-2005". *Journal of Education and Development in the Caribbean* 10(2) 87-96, 2008

* **Hickling FW.** "The European American Psychosis: A Psychohistoriographic Perspective of Contemporary Western Civilization. *The Journal of Psychohistory*". *A Publication of the Institute for Psychohistory*. 37(1) June 2009.

* **Hickling FW.** "The Psychology of Stardom in Jamaican Popular Culture: We Never Know Wi Woulda Reach Dis Far". *Wadabagei* 11 (2), 9-40

* **Holder-Nevins D., Eldemire-Shearer D., McCaw-Binns A.**, Adolescent Ears: An avenue into their sexual and reproductive health values:Los Oidos de los Adolescents:una via para adentrarse en sus valores de salud reproductive Y sexual. *WIMJ,* 2009 Vol. 58 No. 2:179-80.

* **Jackson M,** Walker S, Simpson C, McFarlane-Anderson N, Bennett F. Are food patterns associated with prostate cancer

in Jamaican men: a preliminary report. *Infect Agent Cancer* 2009; 10(4) Suppl 1:S5. http://creativescommons.org/licenses/by/2.0

* Ragin CC, Watt A, Markovic N, Bunker CH, Edwards RP, Eckstein S, Fletcher H, Garwood D, Gollin SM, **Jackson M,** Patrick AL, Smikle M, Taioli E, Wheeler VW, Wilson JB, Younger N, McFarlane-Anderson N. Comparisons of high-risk cervical HPV infections in Caribbean and US populations. *Infect Agent Cancer* 2009: 10 (4) Suppl 1:S9. http://creativescommons.org/licenses/by/2.0

* Watt A, Garwood D, **Jackson M,** Younger N, Ragin C, Smikle M, Fletcher H, McFarlane-Anderson N. High-risk and multiple human papillomavirus (HPV) infections in cancer-free Jamaican women. *Infect Agent Cancer* 2009; 10(4) Suppl 1:S11. http://creativescommons.org/licenses/by/2.0.

* **Lowe, G;** Lipps, G; Halliday, S; Morris, A; Clarke, N; Wilson, R. Depressive Symptoms Among Fourth Form Students in St. Kitts and Nevis High School. *The Scientific World Journal,* 2009, 9; 149-157.

* **Lowe G.A.,** Lipps G.E., Young R., Factors associated with Depression in student at the University of the West Indies Mona, Jamaica. *WIMJ,* 2009; 58 (1): 21-27

* **Fletcher SM,** (MPH student), **Maharaj SR, James K,** Description of the Food Safety System I Hotels and how it compares with HACCP Standards. *J Travel Med,* 2009; 16:35-41

* Say L, Souza JP, Pattinson RC; WHO working group on Maternal Mortality and Morbidity classifications (**McCaw-Binns A,** Gulmezoglu AM, Jayathilaka A, Yadamsuren B, Rooney C, Souza JP, Barrett J, Cecatti JG, Say L, Bartlett L, Stanton ME, Ramadan MC, van den Broek N, Pattinson RC, Gonzalez R, Filippi V). Maternal near miss--towards a standard tool for monitoring quality of maternal health care. *Best Pract Res Clin Obstet Gynaecol.* 2009 Jun; 23(3):287-96. Epub 2009, Mar 19.

* Scarlett M, Isaacs M, Fredrick-Johnston S, Kulkarni S, **McCaw-Binns A,** Fletcher H. Maternal mortality in patients admitted to an intensive care unit in Jamaica. *International*

Journal of Gynecology and Obstetrics 2009 105(2):169-70 Epub 2009 Feb 5.

* **McCaw-Binns A.** Can research accelerate progress toward millennium development goal 5 (maternal health) in Jamaica? *WIMJ,* 2008; 57(6): 549-554.

* Ashley DE, **McCaw-Binns A.** Integrating research into policy and programmes: examples from the Jamaican experience. *WIMJ,* 2008; 57(6): 555-561.

* Swaby, A.N., **Morgan, K.A.D.** (220). The relationship between childhood sexual abuse and sexual dysfunctional in Jamaican adults. *Journal of Child Sexual Abuse,* 18 (3):247-266.

* **Morgan, K.A.D.**, & Brodie-Walker, S.N. (2008). The Impact of Environment and Behaviour on Self-Esteem in Jamaican Adolescent girls. *WIMJ,* 57 (5):470-475.

* McDougald, C., Edwards, C.L., Wood, M., Wellington, C., Feliu, M., O'Garo, K., Edwards, L., Robinson, E., Whitfield, K., Eaton, S., **Morgan, K.,** Byrd, G., Sollers, J., Cola, M., O'Connell, C. (2009). Coping as Predictors of Psychiatric Morbidity and Pain in Patients with Sickle Cell Disease (SCD). *Journal of African American Studies,* 13(2), 47-62.

* **Morris C,** Returning Nationals from the United Kingdom to the Caribbean – www.ageconcern.org.uk/AgeConcern

Non Peer Reviewed

* **Tomlin J. Paul,** Joseph Branday, Annette Crawford-Sykes, Elaine Williams and Donna Beman . "The Administrative Challenge of New Curricula in Old Medical Schools" UWI, *Quality Education Forum,* Jan 2009.

* **Winsome Segree, Tomlin J. Paul and Delwin Ferguson**. "A Congruence of Head, Heart and Hands: A New Curriculum for Training Emergency Medical Technicians in Jamaica", "*The UWI Quality Education Forum*": No. 15, Jan 2009.

* **Eldemire-Shearer D.,** Health and Development in our time: Selected speeches of Sir George Alleyne. *WIMJ,* 2009; 58 (2):191

Book Chapters

* **Figueroa JP.** Understanding Sexual Behaviour in Jamaica. Chapter in "The African-Caribbean Worldview and the Making of Caribbean Society". Ed Horace Levy. University of the West Indies Press, Kingston, Jamaica, 2009.

* Makubalo LE, Lansang MA, **Figueroa JP.** Public Health Science and policy in low to middle income countries. Textbook of Public Health. Oxford University Press.

* **Morgan, K.A.D.** & O'Garo, K. Caribbean Identity Issues, in Perspectives on Caribbean Psychology. Hickling, F., Matthies, B.K., **Morgan, K.A.D.,** & Gibson, R.C. (Eds.). Kingston, Jamaica: CARIMENSA Press.

* Robertson-Hickling H, **Hickling FW.** Risk and Resilience in African Caribbean Migration to the UK. In: Freedom and Constraint in Caribbean Migration and Diaspora Ed by Elizabeth Thomas Hope; Ian Randle Publishers, Kingston. 15 Oct 2008.

* **Williams-Green P, McCaw-Binns A, Paul T.** Distance Learning—Challenges and Opportunities for Postgraduate Medical Education: A Case Study of Postgraduate Training in Family Medicine Using Distance Learning at the University of the West Indies (2001–2006). In: Bridging the Knowledge Divide: Educational Technology for Development. Editors: Marshall S, Kinuthia W, Taylor W. Information Age Publishing (IAP): Charlotte NC, 2009.

* **Morgan, K.A.D.,** & Malete, L. Sport Psychology in the Caribbean, In *Perspectives on Caribbean Psychology.* Hickling, F., Matthies, B.K., **Morgan, K.A.D.,** & Gibson, R.C. (Eds.). Kingston, Jamaica: CARIMENSA Press.

Technical Reports

* **Abel W.,** White S., "Client Satisfaction Survery – child guidance service Jamaica" Submitted to Ministry of Heaalth/UNICEF (Jamaiaca) 2009.

* Grizzle E., **De La Haye W.,** Smellie C., Williams M., The prevalence of, knowledge, attitude and practice regarding tobacco use among third year medical, nursing and pharmacy

students. Global Health Professional Students Survey (GHPSS) 2008.

* **McCaw-Binns A., Paul T.,** Comprehensive assessment of existing service delivery options within the early childhood sector and implication for scaling up. Report to Early Childhood Commission Ministry of Education, June 2009.

Staff Achievements/Recognition

Prof. McCaw -Binns received the Vice Chancellor Award for excellence for research and public service

Dr. D. Holder-Nevins was awarded the David Picon Young Researchers Award at the Caribbean Health Research Council Meeting in April 2009

PUBLIC SERVICE

P. Figueroa

- Member, WHO Scientific Advisory Group of Experts on Immunization (SAGE)
- Member, SAGE Working Group on Inactivated Polio Vaccine (IPV)
- Member, WHO International Health Regulations Roster of Experts (Poliomyelitis)
- Chairman, UNAIDS Reference Group on HIV Prevention
- Vice Chair, Regional Coordination Mechanism
- Chair, Harmonization Committee
- Member, Pan-Caribbean AIDS Partnership (PANCAP)

W. Abel

- PAHO Consultan, tTurks and Cacaos, Post Hurricane Recovery November 2008
- Technical Advisor, Strategic and regional Action Plan for Mental Health CARICOM / PAHO
- Member, Child and Youth Mental Health Framework for Canada

- Board member, Review Board – Special Programme for Deportees
- Member, Advisory Committee PASS Programme Ministry of Education

A. McCaw Binns

- Member, World Health Organization: Maternal and Perinatal 2008-9
- Member, Planning Institute of Jamaica. Population Task Force
- Member, Ministry of Health. Maternal Mortality Committee
- Member, Vital Statistics Commission, Jamaica

D. Eldemire Shearer

- Member, WHO – Ageing and Health Unit Advisory Group
- Patron, National Council for Senior Citizen
- Chairman, Board of Supervision - Local Government
- Deputy Chairman, Golden Age Home Board
- Member, Central Health Committee

A. Bailey

- Member, Board of Jamaica AIDS Support
- Member, The Jamaica Red Cross Uplifting Adolescent Programme
- Member, You Opprtunities Unlimited Youth Centre Committee
- Member, MOH Violence Prevention Alliance

R. Gibson

- President, Jamaica Psychiatric Association Education & Publication Committee
- Chairman, Medical Association of Jamaica

W. DeLa Haye

- Member, Medical Association of Jamaica Symposium Committee 2009
- President, WIGUT Jamaica

- 1st Vice President, Medical Association of Jamaica (MAJ)
- Member, (MAJ Rep) –National Council on CME (NCCME
- Membe, rFulbright/Hubert Humphrey Fellowship 2010 US State Department, US Embassy, Kingston -Scholarship Selection Panelist

M. Jackson

- Board member, Journal 'Ethnicity and Health'
- Reviewer, Manuscripts for Paediatrics and Perinatal Epidemiology Public Health Nutrition European Journal of Clinical Nutrition *West Indian Medical Journal*

S. Maharaj

- Member, Executive Committee of the Caribbean Association of Medical Councils (CAMC)
- Member, Examination sub – Committee of the Caribbean Association of Medical Council (CAMC)
- Member, Board of Director, National Resuscitation Council of Jamaica
- Honorary Consultant, Foundation Of International Self Help (FISH)

T. Paul

- Volunteer Physician, Hope Gospel Assembly Clinic
- Board member, McCam's Child Development Centre
- Contributor, A Ray of Hope – Love Fm radio programme
- Contributor, Outreach programmes for National Family Planning Boards

T. Ricketts-Roomes

- Member, Hanover Street Baptist Outreach Clinic Committee
- Member, Community Health Centre Outreach Committee
- Co-opted membe, rUWIMAA and UWIAA

F. Hickling

- Chairman, Nation Council on Drug Abuse, Jamaica

- Representative, University of the West Indies, PAHO International Research Initiative.
- Member, Section on Conflict Management and Resolution, World Psychiatry Association.
- Reviewer, Transcultural Psychiatry, British Journal of Psychiatry, *West Indian Journal,* Wadabagei, Caribbean Journal of education

N. Campbell

- Deputy Chair, Steering Committee, Jamaica Occupational Health Professionals' Association
- Council Member, Jamaica Association of Public Health Inspectors (JAPH)

H. Laws

- Member, Optimist Club of Kingston
- Volunteer, Youth Opportunities Unlimited
- Volunteer, Womens' Resource & Out-reach Center on Beech wood Avenue

CATEGORIES OF STUDENTS

Undergraduate

The department teaches two courses in year 1	–	190 students
One course in year 2	–	177 students
Two courses in year 3	–	129 students
Rotations are offered in Community Health & Psychiatry in year 3	–	129 students
And in year 4	–	139 students
Com. Health in year 5	–	130 students

Postgraduate

MPH	–	21 graduated
MPH/HP	–	7 graduated
PhD	–	3 graduated
PhD Clinical Psychiatry	–	2 graduated
DM Psychiatry	–	3 graduated

Other Students

EMT Trained – 818 students

During the year 818 persons were trained as follow:

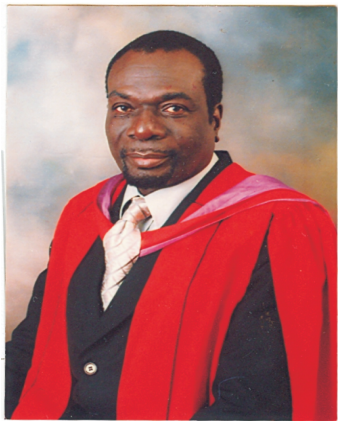
Table 1: Total number of persons trained

Course Description	No. of Students
EMT-B	39
EMT-B Recertification	49
EMT-I Recertification	24
PHEMS Skills Training	9
Medical Assistants	16
BLS	128
ECAT	279
MCM	281

DEPARTMENT OF MEDICINE

Professor Everard Nathaniel Barton, BSc (Hons) *UWI,* **MBBS** *Ibadan,* **DM (Internal Medicine)** *UWI,* **FACP, FRCP (Ed) – Head of Department**

WORK OF DEPARTMENT



The period August 1, 2008 to July 31, 2009 saw the Department achieving most of the goals it had set itself. The staff continues to be supportive with dedication to duty despite some challenges.

The Department initiated a Distinguished Lecture Series as part of the University's Sixtieth Anniversary celebrations in honour of previous Heads who had given stalwart service to the Department. The Department also hosted an awards banquet for all previous Heads. The Distinguished Lecture Series (three per year) will continue annually.

In order to enrich the learning experience from the Department of Medicine, the Department has encouraged staff to host various conferences and in the period under review there was the Caribbean Institute of Nephrology 1st International Conference of Nephrology and Hypertension, the Cardiology Conference, the 1st Caribbean Endocrinology Society Conference and the 1st Conference on Vasculitis. The Caribbean Institute of Nephrology and the Caribbean Endocrine Society were founded by members of the Department of Medicine and are part of the Department's academic thrust. Two members of the Department were instrumental in the organization of the Advances in Medicine Conference out of the Dean's Office with support from that office.

The Department has been active in outreach to government hospitals to strengthen their Departments of Medicine. This allows specialist clinics to be conducted nearer to patients' abode and also creates a

learning environment for rotating undergraduates and postgraduates in Medicine from the Faculty of Medical Sciences, UWI, Mona.

The Head of the Department was part of a team which included persons from the Ministry of Health, the Diaspora Group and the Jamaican Ambassador to Washington to several academic institutions in Minnesota. There were collaborative discussions re training of specialists, exchange of undergraduate and postgraduate students, research and enhancing the Global Health Initiative of the Mayo Clinic. There have been further discussions at Faculty and Department levels. The Department of Medicine had one of its young lecturers benefit from placement at the Mayo Clinic for further subspecialty training.

The Department has sought to build capacity to enhance training and in so doing, patient care at the University Hospital and in that vein invested in and trained a DM (Internal Medicine) graduate in medical oncology. She has returned to Jamaica and is offering training and service in two departments in the Faculty. There have been other career development initiatives. The Department was instrumental in organizing an overseas fellowship for a young member of staff to pursue subspecialty training in the neurological science. One of its staff will pursue a Masters in Epidemiology programme online at the University of London. The postgraduate DM (Internal Medicine) residents have been encouraged to attend international conferences/courses and pursue electives overseas. As such, funding was obtained for six to attend international courses, conferences and electives. Two residents spent a month each in Japan at workshops on chronic diseases and HIV/AIDS.

The Department hosted a very successful first summer course running over six days and is grateful to the Department of Community Health and Psychiatry which provided the lecturers for the Epidemiology and Statistics section. The first research day of the Department was very successful and encouraging. Staff of the Department continue to play active roles in the University and Society: as Editor of the West Indian Medical Journal, the President of the Medical Association of Jamaica, President of the Association of Consultant Physicians and as members of various committees.

The Head of Department became a member of the Caribbean Cardiac Society and the European Cardiac Society. There were several grants received for research purposes: the Research and Publications Fund,

UWI, Mona J$220,000.00, Caribbean Health Research Council US$4,903.00 and Special New Initiative Programme $1.9M. From Sigma Trust/Pan Caribbean J$4M was received but this was specified for hospital machines and supplies for nephrological teaching and patient care.

The undergraduate programme has challenges but the strong sense of duty of members of the Department to their students and apprentices and the facilitatory strategies from the Faculty have ensured that the programme continue to deliver in a meaningful way to its charges.

The examination results at undergraduate level continue to be good with 90 – 98% passes with several receiving honours. The postgraduate results have shown 100% passes at Mona.

The Department in accordance with its philosophy to have scientists interact with students and clinicians, has registered an MPhil/PhD student to pursue research for her degree. The Department has also co-supervised an MPhil/PhD student who has successfully received his PhD.

The Department has submitted its subspecialty training curricula in several disciplines of Medicine and continues to train persons in Nephrology and Gastroenterology. Other areas will come on stream in the upcoming year.

The Department had professorial visitors who delivered key lectures: Professor G. Schulman Vanderbilt University, USA, Professor A. Villa Forte from the Cleveland Clinic, Ohio, USA, Professor Dixon from Harvard University, Boston, USA, Professor H. Harvey, University of Michigan, USA, Emeritus Professor of Medicine Courtenay Bartholomew, University of the West Indies, St. Augustine, Trinidad and Tobago and Professor Sainfort, University of Minnesota, USA.

The Department mourned the loss of Professor Charles Denbow who was the previous Head of Department and gave thirty years of service to the University.

PAPERS PRESENTED

Professor E. Barton

- Renin inhibitors – Clinical Challenges in hypertension and cardio-renal disease, March 2009, Kingston, Jamaica
- Long acting erythropoietin stimulators, November 2008, Kingston, Jamaica
- Obesity in the pathogenesis of hypertension and chronic kidney disease. 1st Annual Conference of Nephrology and Hypertension, March 2009, Montego Bay, Jamaica

Professor M. Lee

- Dyspepsia and H. pylori – A management perspective. Symposium of the South Central Medical Association of Jamaica. October 2008, Clarendon, Jamaica

Dr. W. Williams

- Outcome of Lupus Nephritis in Jamaican Patients. First Caribbean Institute of Nephrology Conference, March 2009, Montego Bay, Jamaica
- Renal Histopathological changes in sickle cell patients older than 10 years of age. First Caribbean Institute of Nephrology Conference, March 2009, Montego Bay, Jamaica

Dr. R. Wright-Pascoe

- "Are Sulphonylureas relevant in today's treatment of Type 2 DM"? Continuing Medical Education Program – Sanofi Aventis, July 2009, Courtleigh Manor Hotel, Kingston, Jamaica
- "Pituitary Disorders during and after Pregnancy", Grabham Society Annual Meeting July 2009, The Jamaica Pegasus Hotel, Kingston, Jamaica
- "Progression and Management of Diabetes". Continuing Medical Education Program, July 2009, GlaxoSmithKline at Iberostar Rose Hall, Montego Bay, Jamaica
- "Use of Lantus Solo Star in the Management of the Type 2 diabetes patient" and "Use of Amaryl in diabetes to achieve

glycaemic goals". Medical Association of Jamaica's Continuing Medical Education Program - Sanofi Aventis. March 2009, The Hilton Hotel, Kingston, Jamaica.

- "Update on the Management of Osteoporosis", Andrews Memorial Hospital. Continuing Medical Education: February 2009, Kingston, Jamaica.
- "Maximizing Angiotensin Receptor Blocker's: Exploring the Benefits Beyond Blood Pressure Reduction". January 2009, Terra Nova Hotel, Kingston, Jamaica.
- Presentation – "Sudden Death…Here Today….Gone Tomorrow…What You Should Know. The HEART Institute of the Caribbean Foundation Public Forum. November 2008, The Jamaica Hilton Hotel, Kingston, Jamaica.
- "Certification of General Practitioners". The Caribbean College of Family Physician (Jamaica Chapter) Annual General Meeting and Workshop, November 2008, The Medallion Hall Hotel, Kingston, Jamaica.
- "The Role of HbAic in the diagnosis and screening of Type 2 Diabetes Mellitus. Faculty of Medical Sciences Annual Research Conference, November 2008, Kingston, Jamaica.
- "Emerging Concepts in the Management of Diabetes – DPP4 Inhibition and Incretins" Caribbean Endocrine Society in Association with South Central Board of the Medical Association of Jamaica, August 2008, Bloomfield Great House, Mandeville, Jamaica.
- "Progression and Management of Diabetes: ADOPT and Combination Therapy". Medical Association of Jamaica and GSK, August 2008, Kingston, Jamaica.
- Caribbean Cardiac Society Annual Scientific Symposium. "Clinical Challenges in Practice: Initiating Pharmacotherapy for Patients with Type 2 Diabetes Mellitus", July 2009, Bridgetown, Barbados.
- "A Case for Discussion". Clinicopathological Conference – Main Medical Lecture Theatre, May 2009, UWI, Mona.

Dr. A. East-Innis

- Lipodystrophy in HIV infection. Caribbean Dermatology Association Annual Conference – November 2008, University at Sea, Fort Lauderdale, Miami.
- The truth about Beau's Lines. Dermatology Association of Jamaica mini-symposium – Bustamante Hospital for Children, June 2009, Kingston, Jamaica.
- An unusual case of Keratoderma. Dermatology Association of Jamaica mini-symposium – Bustamante Hospital for Children, June 2009, Kingston, Jamaica.

Dr. P. Scott

- Review of update to National Asthma Education Prevention Programme (NAEPP) and Global initiative of Asthma (GINA) guidelines. July 2009 and August 2009, Kingston and Mandeville, Jamaica.
- Approach to the injured patient with diabetes, hypertension and cardiovascular disease. Medical Association of Jamaica, June 2009, Kingston, Jamaica.
- Practical management of the Asthma patient – Kingston Public Hospital, May 2009, Kingston, Jamaica.
- Lung cancer in Jamaica. Advances in Medicine, March 2009, Kingston, Jamaica.

Dr. L. Hurlock

- A case of Takayasu's arteritis – CPC presentation – November 2008, University of the West Indies, Mona, Kingston, Jamaica.
- Beta blockers in Heart Disease – December 2008, Terra Nova Hotel, Kingston, Jamaica.
- Rheumatic heart disease in Pregnancy – Perinatal Symposium – February 2009, UWI, Mona, Jamaica.
- The management of myocardial infarction in the Emergency Room – March 2009, Medical Associates Hospital, Kingston, Jamaica.

- ECG workshop – Medical Association of Jamaica Symposium. June 2009, Kingston, Jamaica.

Dr. A. Soyibo

- Vasculitis. The Ricardo Lee Vasculitis Foundation Lecture. May 2009, UWI, Kingston, Jamaica.
- Cardiovascular disease in chronic kidney disease. 1st Annual Conference on Nephrology and Hypertension. March 2009, Montego Bay, Jamaica.
- Obesity in the pathogenesis of hypertension and chronic kidney disease. 1st Annual conference on Nephrology and Hypertension. March 2009, Montego Bay, Jamaica.
- Caribbean Renal Registry: Jamaica 2007 report. 1st Annual conference of Nephrology and Hypertension. March 2009.
- Renal histology in adults in Jamaica. 1st Annual conference on Nephrology and Hypertension. March 2009, Montego Bay, Jamaica.

Papers presented at the Department of Medicine Summer Course, July 2009, UWI, Kingston, Jamaica

Professor E. Barton

- Preservation of Renal Function in Chronic Kidney Disease.

Dr. W. Williams

- Update on Lupus Nephritis

Dr. L. Hurlock

- Optimal management in chronic heart failure.
- Preventing Cardiovascular disease

Dr. D. Whittle

- Viral Hepatitis, liver cancers.
- Liver Disease in HIV.

Dr. A. Soyibo

- Diabetic Nephropathy: What is new?
- A day in the hypertension clinic.
- An approach to the dizzy patient.
- H1N1: An update.
- Caribbean Renal Registry 2007.
- Renal Histological findings in adults in Jamaica.
- Glomerular filtration predictions.

Papers presented at the Department of Medicine Research Day, June 2009, UWI, Kingston, Jamaica

Professor E. Barton

- The Cocaine Rats.
- HIV Genotypes in Jamaica.
- Glomerular Filtration rated estimated and calculated.
- Audit of Peritoneal Dialysis at UHWI.
- Opportunistic infection in HIV.
- The Caribbean Renal Registry.
- Quality of life in renal patients.
- Renal Biopsies in Jamaica.
- Renal Histology in adults in Jamaica.

Dr. W. Williams

- Renal biopsies at UHWI over a 3-year period.

PUBLICATIONS

WIMJ = West Indian Medical Journal

Peer Reviewed – Papers

* Scarlett M, McGaw C, **Aquart-Stewart A**. Pulmonary Hypertension: A review of Pathophysiology and Management. *WIMJ,* 2009; 58:153-159.

* **Barton EN**. Sixtieth Anniversary of the University of the West Indies. *WIMJ,* 2009; 57 (3): 523-4.

* Heslop OD, Smikle MF, Vickers IE, Christian NA, Harvey KM, Figueroa JP, Brown SE, Christie CDC, Bain B, **Barton EN.** High Genetic Diversity in Human Immunodeficiency Virus-Type 1 (HIV-1) in Jamaica. *WIMJ,* 2009; 58: 195-199.

* **East-Innis AD,** Thompson DS. Cutaneous Drug Reactions in Patients admitted to the Dermatology Unit at the University Hospital of the West Indies, Kingston, Jamaica. *WIMJ,* 2009; 58: 227-230.

* Alfred R, Okeke O, Moronu C, **Elliot V,** Frankson A, **Barton EN.** Descriptive Epidemiology of Cases of Acute Myocardial Infarction in Tobago. *WIMJ,* 2009; 58: 257-260.

* **Gayle F, Soyibo AK, Gilbert DT,** Manzanares J, **Barton EN.** Quality of Life in End Stage Renal Disease: A Multicentre Comparative Study. *WIMJ,* 2009; 58:235-242.

* Brown HA, Lawrence-Wright MB, Shah S, Lawrence SG, **Gilbert DT,** Crandon I. Prevalence of Carotid Stenosis in a High-Risk Caribbean Population. Stroke 2009; 40 (5): 1892-1893.

* West WM, Younger N, Brady-West D, **Gilbert DT,** Char G, **Barton EN.** Stroke Subtypes on Imaging in a Jamaican Population: a hospital-based study. *WIMJ,* 2009; 58: 261-264.

* **Lee MG, Hagley K** and **DeCeular K.** Intestinal Ischaemia in Systemic Lupus Erythematosus. Journal of the National Medical Association 2008; 100:721-723.

* **Lee MG**, Emery H, **Whittle DO,** Jackson D, **Donaldson EK.** H. pylori infections in patients with Functional Dyspepsia in Jamaica. The *Internet of Tropical Medicine* 2009: 5, 2.

* Fletcher HM, Wharfe G, William NP, Pedican M, Brooks A, **Scott P**, Gordon-Strachan G. Venous Thromboembolism in Jamaican Women: Experience in a University Hospital in Kingston. *WIMJ*, 2009; 58: 243-249.

* **Scott P.** Asthma Control. *WIMJ,* 2009; 58: 1-2.

* **Soyibo AK,** Shah D, **Barton EN, Williams W, Smith R.** Renal Histological Findings in Adults in Jamaica. *WIMJ,* 2009; 58: 265-269.

* **Soyibo AK, Barton EN.** Importance of a Renal Biopsy. *WIMJ,* 2009; 58: 270-272.

* **Whittle DO,** Roberts L. Hepatocellular Cancers. *WIMJ,* 2009; 58: 273-276.

* **Whittle DO.** Liver cancers. *WIMJ,* 2009; 58: 273-277.

* **Whittle DO.** Gastric Carcinoma: Early detection and Prognosis. *WIMJ,* 2008; 57:1.

* Tulloch-Reid MK, Boyne MS, Smikle MF, Choo-Kang EG, Parkes RH, **Wright-Pascoe RA, Barton EN,** Wilks RJ, Williams DE. Cardiovascular Risk Profile in Caribbean Youth with Diabetes Mellitus. *WIMJ,* 2009; 58: 219-226.

* Irving RR, Mills JL, Choo-Kong EG, McLaughlin W, **Wright-Pascoe R,** Morrison EY, Brown P. Diabetes and psychological co-morbidity in children with a family history of early-onset Type 2 diabetes. International Journal of Psychology 43 (6) 937-942.

* Wright-Pascoe R. Obesity in the Caribbean: Behind the Headlines. *Journal of the Royal College of Physician,* October 2008. http://behindthemedicalheadlines.com/articles/obesity-in-the-caribbean

Book Chapter

* Duff EM, McFarlane-Anderson N, **Wright-Pascoe R.** Barriers to Control of Diabetes Mellitus in a Developing Country: A Search for Effective Interventions in Research Trends in Nutrition. Ed. John P. Leslie pp 1-6. 2008, Nova Science Publishers, Inc.

Abstracts

* Cawich SO, **Arthurs M,** Mitchell DIG, Plummer JM, **Murphy T**, Mathew A, Mohanty SK, Huizinga, Hoeksema G, Frankson MA, Harding HE, Williams EW. Medical or surgical endoscopists for percutaneous endoscopic gastrostomy: is there a difference? *WIMJ*, 2008; 57(Suppl 4): 47.

* **Clarke T.** HIV, HAART and the Risk of Diabetes and Dyslipidaemia. *WIMJ,* 2009 58 (Suppl 1):25.

* Gordon-Perue G, **Gayle F,** Fraser R, Ali A. Quality of life of persons with epilepsy in Kingston, Jamaica. *WIMJ,* 2008; 57(Suppl 4): 27.

* **Hurlock LN, Elliott V,** Bennett M, Hamilton S. A study of infective endocarditis and its predisposing factors at the UHWI and the relevance of the American Heart Association's guidelines to the Jamaican population. *WIMJ,* 2008; 57(Suppl 4):35.

* Walwyn M, Nicholson A, Wharfe G, Frankson MA and **Lee MG.** Febrile Neutropenia in Jamaica. *WIMJ,* 2008; (Suppl 4) 57: 36-37.

* **Lee MG,** Emery H, **Whittle D**, Jackson D, **Donaldson EK.** Helicobacter pylori Infection in patients with Functional Dyspepsia in Jamaica. *WIMJ,* 2008; (Suppl 4) 57: 36.

* **Wright-Pascoe R.** The role of HbA1C in the screening of Diabetes Mellitus. *WIMJ,* 2009; 58 (Suppl 1):26.

PUBLIC SERVICE

Professor E. Barton

– Volunteer, Outreach Programme to the parishes of St. Ann and Manchester – Health Education, preventive and Clinical Care

– Resource person, on Lupus Foundation Board

– Resource person, Kidney Support Foundation of Jamaica

Dr. R. Wright-Pascoe

– President, Medical Association of Jamaica

DEPARTMENT OF MICROBIOLOGY

Professor John F. Lindo, BSc PhD *UWI* – Head of Department

Income generation

Considerable work was conducted on the development of a new incoming generating model for the department to address perennial budgetary shortfalls. Two consultants were hired to develop a business plan for the department and a team which included representatives from the Bursary, HR, the Public Relations Office, MITS and a representative from the department was established to address the transformation of the department.

The Department acquired a DNA sequencer which will be used for research and income generation purposes. Currently, the facilities are set up for antiretroviral resistance testing and molecular surveillance of HIV by way of subtypes and the department is actively seeking contracts in this area.

Research and graduate studies

The research output of the department declined to 0.8 from 1.2 papers for the period under review. Revision of the MSc (Medical Microbiology) was completed and the programme is one of the avenues which will be used to improve research output. A single candidate completed the PhD (Medical Microbiology) while a second remains registered as a part time candidate. The department has three MSc candidates registered.

Clinical Laboratory Services

This year the department recorded a decrease of 2.9% in the number of clinical specimens processed from 58,113 to 56, 437 over the period.

PAPERS PRESENTED

Non peer reviewed

- **Jackson ST,** Bullock-Ducasse M. Influenza A H1N1 – Underestimated Trauma to the Health of our Nation – The Impact of Trauma on the Health of our nation, Medical Association of Jamaica Symposium, June 2009.
- **Jackson ST,** McMorris N, Salas R, Irons B. Showcase Pandemic Influenza Preparedness in the Caribbean. Caribbean Community Pandemic Influenza Workshop. January 2009.
- **Nicholson AM.** Update on Antibiotic Resistance. Medical Association of Jamaica Symposium, June 2009.
- **Nicholson AM**. Update in treatment of odontogenic infections. Jamaica Dental Association, July 2009.

Peer reviewed abstracts

- **MG Brown, IE Vickers,** RA Salas, **MF Smikle.** Patterns of seroprevalence of dengue virus IgM and IgG antibodies in suspected cases of dengue in Jamaica, 2003-2006. Caribbean Health Research Council 54th Annual Scientific Conference, St Lucia Beach.
- **Bodonaik, NC Heslop OD** and Willis R. Comparative In-vitro Evaluation (MICs) of Tigecycline with 9 other Antibiotics against Clinical isolates of *Streptoccus pneumoniae encountered* in Jamaica. International Congress of Infectious Diseases. June 19-22, 2009; Kuala Lumpur, Malaysia.
- **Bodonaik NC and Heslop OD.** Highly Susceptible Strains of Typhoid bacilli encountered in Jamaica. International Congress of Infectious Diseases. June 19-22, 2009; Kuala Lumpur, Malaysia.
- **Jackson ST,** Mullings A, Willis R, Mc Morris N, Gordon-Strachan G, Frankson T Dengue and Severe Dengue Infection in a Developing Country S. 25th Annual Clinical Virology Symposium, Pan American Society of Clinical Virology, April 2009.

- **Jackson ST**, Mullings A, Gordon-Strachan G, Williams E, Williams-Johnson J, Farr J. Occupational exposure policies to blood borne viruses among health care workers in a third world country, 25th Annual Clinical Virology Symposium, Pan American Society of Clinical Virology, April 2009.

PUBLICATIONS

* **Brown MG, Vickers IE,** Salas RA, **Smikle MF**. Patterns of dengue virus IgM and IgG antibodies in suspected cases of dengue in Jamaica, 2003-2006. *Hum Antibodies.* 2009; 18(1-2):29-34.

* **Jackson ST**, Mullings A, Bennett F, Khan C, Gordon-Strachan G, Rhoden T. Dengue infection in patients presenting with neurological manifestations in a dengue endemic population. *WIMJ*. 2008 Sep; 57(4):373-6.

* **Jackson ST,** Mullings AM, Booth TF, MacDonald L, Henry SO, Khan CA, McLaughlin PD. Molecular analysis and implications of neurovirulent circulating vaccine-derived poliovirus in Jamaica. A case report and review of literature. *WIMJ*. 2008 Nov; 57(5):511-4.

* **AM Nicholson**, S Ledgister, T Williams, S Robinson, P Gayle, T Lindo, D Castle, K Shaw, S Moonah. Distribution of Nosocomial Organisms and their Resistance Patterns in the Intensive Care Unit of the University Hospital of the West Indies, Kingston, Jamaica by *WIMJ*. 2009; 58 (2): 142-148.

* Ragin CC, Watt A, Markovic N, Bunker CH, Edwards RP, Eckstein S, Fletcher H, Garwood D, Gollin SM, Jackson M, Patrick AL, **Smikle M,** Taioli E, Wheeler VW, Wilson JB, Younger N, McFarlane-Anderson N. Comparisons of high-risk cervical HPV infections in Caribbean and US populations. *Infect Agent Cancer.* 2009 Feb 10; 4 Suppl 1:S9.

* Watt A, Garwood D, Jackson M, Younger N, Ragin C, **Smikle M**, Fletcher H, McFarlane-Anderson N. High-risk and multiple human papillomavirus (HPV) infections in cancer-free Jamaican women. *Infect Agent Cancer.* 2009 Feb 10;4 Suppl 1:S11.

* Huang S, Dunkley-Thompson J, Tang Y, Macklin EA, Steel-Duncan J, Singh-Minott I, Ryland EG, **Smikle M**, Walker BD, Christie CD, Feeney ME. Deficiency of HIV-Gag-specific T cells in early childhood correlates with poor viral containment. *J Immunol.* 2008 Dec 1; 181(11):8103-11.

* Tulloch-Reid MK, Boyne MS, Choo-Kang EG, Parkes RH, Wright-Pascoe RA, Barton EN, Wilks RJ, Palmer-Levy ML, **Smikle MF.** Autoantibodies in Caribbean youth with diabetes mellitus. *Hum Antibodies.* 2008; 17(3-4):57-62.

DEPARTMENT OF OBSTETRICS, GYNAECOLOGY AND CHILD HEALTH

Professor Horace Fletcher BSc, MBBS, DM (O&G), FRCOG, FACOG – Head of Department

WORK OF THE DEPARTMENT

The main focus of the department is to improve the health and welfare of families, in particular women and children in the region. This is done through clinical (service) work and academic (teaching and research). The department comprises Obstetric and Gynaecological services (reproductive endocrinology, gynaecological oncology and perinatal services) as well as Child Health dealing with medical problems, neonatology and psychological disorders (development and behavioural Paediatrics).

We teach medical students, postgraduate students (Doctor of Medicine Obstetrics/Gynaecology and Paediatrics) as well as supervise other post Graduate students MPhil and PhD. We also assist in the teaching of Midwives and nurses.

Child health

This department is comprised of two medical wards and one neonatal intensive care unit. The main subspecialties are infectious diseases, psychological disorders (development and behavioural Paediatrics), cardiology, gastroenterology neonatology, nephrology, pulmonology and other medical conditions managed in conjunction with other specialties. Residents and medical students are taught and referrals are accepted from the rest of the Caribbean.

Minority International Research Training (MIRT) Programme

National Institutes of Health

The MIRT programme, jointly coordinated by Michigan State University (MSU) and the Section of Child Health, and funded by the NIH is now in its eighth year.

Obstetric Perinatal Service

The Perinatal service hosts an annual conference in February of each year run by Drs. Mullings, Kulkarni, Johnson and Simms-Stewart. This service manages high risk obstetric cases and accepts referrals from the rest of the island as well as the rest of the British West Indies. The Unit also has facilities for teaching post graduate and medical students. Perinatal Audit for 2008, UWI, Mona, was attended by over 600 delegates. This was a joint effort between Obstetrics and Gynaecology and the Neonatology group from Child Health with external review by practitioners from outside units. Special emphasis was placed on topics such Counseling, Premature Birth and Neonatal Neurological Outcome

Oncology Unit

This is run by four Consultants Prof Fletcher, Dr Rattray, Dr Mitchell and Dr Bambury. The Unit is also run by Sister Nash and her team of nurses as well as residents who rotate through on a monthly basis. The services offered are consultations for patients with gynaecological tumours, colposcopic diagnosis and treatment, and surgery for gynaecological tumours. The Unit also has facilities for teaching post graduate and medical students. Dr Bambury has obtained a fellowship to go to Ontario Canada to study Gynaecological Oncology as of July 2008 for two years

Sterility & Fertility

The members of the Sterility and Fertility firm and Fertility Management Unit resumed the In Vitro Fertilization and Embryo Transfer Programme for the treatment of infertile patients from Jamaica and the wider Caribbean. The programme was restructured to streamline and accommodate the treatment of infertile couples on a continuous basis. Professor Joseph Frederick as director of the

programme with Drs. Shaun Wynter, Vernon DaCosta John Harriott and Loxley Christie as clinicians and Dr. Audrey Pottinger and Sister McKenzie as counselors. Two other staff members in the programme are Miss Denise Everett, a senior embryologist (Biologist) and Miss Hillary Walters a staff Nurse as the coordinator of the programme. Since the resumption, the pregnancy rates have shown considerable improvement as we are also achieving pregnancies from the frozen embryos and donor eggs. A major break through is that all the documents required for the registration of the drugs used in the programme have been submitted to the Pharmaceuticals and Regulatory Affairs in the Ministry of Health.

The unit also undertakes operative and diagnostic laparoscopy, contraception and sterilisation advice and management. Counseling in family planning and family life is also offered.

PAPERS PRESENTED

- **Pottinger AM.** The changing face of bullying". Paediatric Association of Jamaica 17th biennial conference, Main Lecture Theatre, Faculty of Medical Sciences, UWI, Mona, Jamaica, April 24-26, 2009
- Gordon Stair A, Brown S and **Pottinger AM.** "Psychological First Aid, responding after a disaster"; Jamaica Red Cross, Two-day training workshop conducted with mental health professionals; Golf View Hotel, Mandeville, June 17-18, 2009
- Tomlinson T, Scott C. **Trotman H.** Congenital cardiovascular malformations in children with Down's syndrome at the Bustamante Hospital for Children. Caribbean Health Research Council 54th Annual Council and Scientific Meetings, St. Lucia, 2009.
- Forrester S, Gray R, Tapper J, **Trotman H.,** Melbourne-Chambers R. Myasthenia gravis in Jamaican children: an eleven year review. (Poster presentation) Caribbean Health Research Council 54th Annual Council and Scientific Meetings, St. Lucia, 2009.
- McNeil-Beecher N, Thomas S, Thame J, **Trotman H.** Epidemiology of malignant solid tumours at the Bustamante Hospital for Children. FMS 17th Annual Research Conference November 2008.

- **Mullings A.** Ethical Issues in Managing Medical Conditions during Pregnancy and the Neonatal Period – Justice and the Double Effect. Perinatal Ethics Workshop, Department of Obstetrics Gynaecology and Child Health's annual Perinatal Annual Perinatal Audit and Symposium, Feb 2009
- Jackson S, **Mullings A,** Gordon-Strachan G, Williams E, Williams-Johnson J, and Farr J. Occupational Exposure Policies To Blood And Blood Borne Viruses And Health Care Workers In A Third World Country. 25th Clinical Virology Symposium, April 19-22, 2009 Daytona Beach, Florida, USA
- Jackson ST, **Mullings A**, Khan C, Willis R, McMorris N. Practices among Doctors In The Diagnosis And Classification Of Dengue And Severe Dengue Infection. 25th Clinical Virology Symposium, April 19-22, 2009 Daytona Beach, Florida, USA
- **Pierre RB.** Adherence in the Adolescent with HIV:" How to come to Terms. Platform Presentation at the Adherence & Psychosocial Support Workshop, National HIV/STI Programme, September 4-5, 2008, Starfish, Trelawny, Jamaica.
- **Pierre R.** National ARV Treatment Guidelines – Children/ Adolescents. The Ministry of Health and Environment, National HIV/STI Programme in collaboration with UNICEF; Capacity Building Workshop, December 10-12, 2008, Rose Hall Resorts & Spa, St. James, Jamaica
- **Pierre R.** Adherence and the HIV infected adolescent. The Ministry of Health & Environment, National HIV/STI Programme in collaboration with UNICEF; Capacity Building Workshop, December 10-12, 2008, Rose Hall Resorts & Spa, St. James, Jamaica
- **Pierre R.** Management of the HIV-exposed infant. The Ministry of Health & Environment, National HIV/STI Programme in collaboration with ERTU-CHART; 6th Annual NHP HIV Workshop, Hilton Kingston Hotel and Iberostar Rosehall Beach Resort in Montego Bay on July 27-28 and 30-31, 2009 respectively.
- **Pierre R.** The HIV-infected adolescent; what are the issues? The Ministry of Health & Environment, National HIV/STI

Programme in collaboration with ERTU-CHART; 6th Annual NHP HIV Workshop, Hilton Kingston Hotel and Iberostar Rosehall Beach Resort in Montego Bay on July 27-28 and 30-31, 2009 respectively

- **Fletcher H.** Vulval Lesions. Royal college of Obstetricians and Gynaecologist International conference Port of Spain Trinidad 2009
- **Johnson J.** Update on ultrasonography in pregnancy. Royal college of Obstetricians and Gynaecologist International conference Port of Spain Trinidad 2009
- **Dacosta V.** "Assisted Reproductive Technologies", Western Gynaecology Association Symposium on Infertility, Wexford Courts Hotel, Montego Bay, Jamaica, April 23, 2009.
- **DaCosta V.** "Medical Disorders during Pregnancy & the Neonatal Period", Perinatal conference 2009 Main Lecture Theatre, faculty of medical sciences, UWI, Mona, "Pregnancy outcome after ART", February 14-15, 2009.
- **Christie CDC.** The international campaign against gastroenteritis: advancing the rotavirus vaccine. Annual Research Day Activities of the UWI, Bahamas Campus, 16th April at Freeport, Grand Bahama and Friday, 17th April, 2009 at the Princess Margaret Hospital in Nassau, Bahamas.
- **Christie CDC.** Pediatric Disease and Vertical Transmission of HIV in the Caribbean; X1V Pan American Congress of Infectology, in Sao Paolo, Brazil, on 27th April, 2009.
- **Christie CDC.** Current practices in pMTCT HIV. Ministry of Health, Jamaica, Jan, 2008
- **Christie CDC.** Update on Perinatal HIV/AIDS. Preinatal Symposium, UWI, Feb 2008.
- **Christie CDC.** Pediatric and Perinatal HIV/AIDS in Jamaica. Launch of *West Indian Med Jour*, June, 2008;(3):187-320, MLT, UWI, Oct. 3, 2008.
- **Christie CDC.** Pediatric and Perinatal HIV/AIDS in Jamaica. Diabetes and HIV Conference, Ocho Rios, March, 2009.

- **Christie CDC.** Pediatric and Perinatal HIV/AIDS in Jamaica. Emerging Trends in Medicine. Class of 1979 UWI Medical Class 30th Reunion Conference, Ritz Carlton Hotel, Montego Bay, August 8, 2009.
- **Christie CDC.** Making progress in treating children living with HIV. 6th Annual CHART/CCAS/CDC Conference. Marriott Hotel, St Kitts, August 2009.
- **Melbourne-Chambers R.** Evaluating Childhood seizures. Caribbean Neurosciences Symposium January 29, 2009
- **Chambers R.** Management of Neonatal seizures. Perinatal Conference, Febuary 15, 2009
- Forrester S, Gray R, Tapper J. **Trotman H. Melbourne-Chambers R**. Mysthenia Gravis in Jamaican Children. Prevalence and Outcome. Cariobbean Health Research Conference St Lucia April 2009

PUBLICATIONS

Refereed Journal Articles

WIMJ = West Indian Medical Journal

* **Pottinger AM, Trotman H,** Younger, N (2009) Detecting depression during pregnancy and associated lifestyle practices and concerns among women in a hospital-based obstetric clinic in Jamaica *General Hospital Psychiatry* 2009; 31 (3): 254-261 (Epub 2009 Mar 27).
* **Pottinger AM,** La Hee F and Asmus K (2009). Students admitted to university who fail: Hidden disabilities affecting academic performance *WIMJ,* 2009; 58 (2):99-105.
* **Fletcher H,** Wharfe G. Intestinal Obstruction and Thromboembolism in a Postmenopausal woman with large calcified fibroids, *J Obstet Gynaecol* 2008; 28:754-5.
* Christie L, **Harriott J, Mitchell S Fletcher H**, Bambury I. Shoulder Dystocia in a Jamaican Cohort, *Int J Gynaecol Obstet*. 2009 Jan;104(1):25-7.

* Scarlett M , Isaacs M, Frederick-Johnston S, **Kulkarni S**, McCaw-Binns A, **Fletcher H.** Maternal mortality in patients admitted to an intensive care unit in Jamaica. *Int Jour Obstet Gynecol* 2009 105:169-70

* Ragin C, Watt A, Markovic N, Bunker C, Edwards R, Eckstein S, **Fletcher H,** Garwood D, Gollin5 S, Jackson M, Patrick A. Smikle M, Taioli E, Wheeler V, Wilson J, Younger N, McFarlane-Anderson N. Comparisons of High-risk Cervical HPV infections in Caribbean and US Populations. *Infectious Agents and Cancer* 2009, 4(Suppl 1):S9

* Watt A, Garwood D, Jackson M, Younger N, Ragin C, Smikle M **Fletcher H,** McFarlane Anderson N.: High-risk and multiple human papillomavirus (HPV) infections in cancer-free Jamaican women. *Infectious Agents and Cancer* 2009, 4(Suppl 1):S11

* **Harriott, J., Fletcher H** and Reid M. Misoprostol to prevent post partum haemorrhage *WIMJ* 2009 58: 200-5

* **Fletcher H,** Wharfe G, Williams N, Pedican M, Brooks A, Scott P and Gordon-Strachan G Thromboembolism in Jamaican Women: Experience in a University Hospital in Kingston. *WIMJ,* 2009 58: 243-9

* Donaldson D, **Trotman H,** Barton M, **Melbourne-Chambers R**. Routine laboratory investigations in infants and children presenting with fever and seizures at the University Hospital of the West Indies. *WIMJ,* 2008; 57: 369-372.

* Jackson ST, **Mullings AM,** Booth T, McDonald L, Henry S, Khan C, McLaughlin P. "Molecular Analysis and Implications of Neurovirulent Circulating Vaccine-derived poliovirus in Jamaica. *WIMJ,* 2008; 57: 511-14

* **Johnson N,** Sermer M, Maxwell C. Perinatal Outcome of Women with Intracranial Neoplasms. *Int Jour Obstet Gynecol* 2009; 105: 56-59

* **Johnson N,** Shah P, Shannon P, Campisi P, Windrim R. A Challenging Delivery By EXIT Procedure Of A Foetus With A Giant Cervical Teratoma. *J Obstet Gynaecol Can,* 2009; 31(3): 267-271

* **Christie CDC,** Steel-Duncan J, Palmer P, **Pierre R,** Harvey K, **Johnson N,** Samuels, L, Dunkley-Thompson J, Anderson M, Billings C, Evans-Gilbert T, Rodriquez B, McDonald C, Moore J, Taylor F, Smikle M, Williams E, Whorms S, Davis D, **Mullings A,** McDonald D, Morgan O, Alexander G, Onyonyor), Hylton-Kong T, Weller P, Woodham A, Haughton D, Harris M, Carrington D, Figueroa JP. Paediatric and Perinatal HIV/AIDS in Jamaica: An International Leadership Initiative, 2002-2007, *WIMJ,* 2008; 57: 204-215

* **Johnson N,** Palmer P, Samuels L, Morgan O, Onyonyor A, Anderson M, Moore J, Billings C, Harvey K, **Mullings A,** McDonald D, Alexander G, Smikle M, Williams E, Davis D, **Christie CDC**. Evolving Care of HIV-infected Pregnant Women – From Nevirapine to HAART; *WIMJ,* 2008; 57: 216-222

* **Melbourne-Chambers R,** Johnson P, **Thame M.** Fetal Brain disruption in surviving co twins. *J Ped Neurol* 2009, 7;311-314

* SO Cawich, DIGMitchell, A Martin, H Brown, **VE DaCosta,** T Lewis, et al. Management of obstetric Anal Sphincter Injuries at the University Hospital of the West Indies. *WIMJ.* 2008 Nov; 57 (5):482-85.

* Bell Y, **Barton M, Thame M,** Nicholson A, **Trotman H**. Urinary tract infection in neonates with serious bacterial infections admitted to the University Hospital of the West Indies. *WIMJ.* 2008; 57(2):101-105.

* **Melbourne Chambers R,** Johnson P, **Thame M.** Fetal brain disruption sequence in surviving co-twins. *Pediatr Neurol* 2009; 7:(3):311-314

* Rose G, Evans Gilbert T, **Thame M,** Bailey K. Asthma Clinic Attendance Improve Quality Of Life in Jamaican Children with Asthma. *Annals of Tropical Paediatrics.* 2009; 29:203-208

* **Samms-Vaughan M.** Comprehensive longitudinal studies of child health, development and behaviour in Jamaica: findings and policy impact. *WIMJ.* 2008 Dec; 57(6):639-44.

* Skeete D, Char G **Fletcher H** and Bolt C. West. Intra abdominal Lymphangioma: Case Report and review of the literature. *WIMJ.* 2008 57:418-9(Letter)

* Vaughan K, **Samms-Vaughan M.** The Anatomy and Physiology of the Class of 1982, *WIMJ.* 2008 Dec; 57(6):621-25.

* Le Franc E, **Samms-Vaughan M,** Hambleton I, Fox K, Brown D.Interpersonal violence in three Caribbean countries: Barbados, Jamaica, and Trinidad and Tobago. *Rev Panam Salud Publica.* 2008 Dec; 24(6):409-21.

* Huang S, Dunkley-Thompson J, Tang Y, Macklin EA, Steel-Duncan J, Singh-Minott I, Ryland EG, Smikle M, Walker BD, **Christie CD**C and Feeney ME. Deficiency of HIV-Gag-specific T cells in early childhood correlates with poor viral containment. *Journal of Immunology* (Baltimore, MD, 1950) Dec 1, 2008;181(11):8103-11. [IF - 6.068]

* Schneidewind A, Tang Y, Brockman MA, Ryland EG, Dunkley-Thompson J, Steel Duncan JC, St. John ME, Conrad JA, Kalams SA, Noel F, Allen TM, **Christie CDC** and Feeney ME. "Maternal transmission of HIV escape mutations subverts HLA-B57 immuno-dominance but facilitates viral control in the haplo-identical infant," *Journal of Virology*, June 10, 2009; doi:10.1128/JVI.00730-09. [IF-5.34]

Books and Monographs

Monograph

* **Pottinger AM** (Ed) Helping children cope with the emotional effects of naturalDisasters: A guide and manual for community caregivers and managers (75 pages). Project of McCam Child Development Centre/Dudley RB Grant Memorial Trust (2008)

* **Kulkarni S,** Roseelo D. Confidential enquiry in certain Perinatal deaths in Belize;

Book chapters

* Johnson R, Weller P, Brown S, **Pottinger AM** (2008). The application of raditional psychotherapy models in the Caribbean. In FW Hickling, B Matthies, Morgan, Gibson R (Eds). Perspectives in Caribbean Psychology (pp. 537-557). Jamaica: CARIMENSA, UWI, Mona.

* **Pottinger AM,** Gordon Stair A and Brown S (2009). Migration of parents from the Caribbean: Implications for counselling children and families in the Receiving and Sending countries. In E Thomas-Hope (Ed) Freedom and Constraint in Caribbean Migration and Diaspora (pp. 181-191). Kingston: Ian Randle Publishers

* **Fletcher H.** Infections in pregnancy. In Textbook of Obstetrics Eds Roopnarinesingh A, Sirjusingh A, Bassaw B and Roopnarinesingh R. 2008 Ch 26 page 345-363 Lexicon Trinidad

* **Samms-Vaughan M.** The Impact of Family Structure on Children In: Blooming with the Pouis: Critical Thinking, Reading and Writing Across the Curriculum, A Rhetorical Reader for Caribbean Tertiary Students. Ed. P.A. Ramsay, V.A. Harding, J.A. Cools, I.A. McLaren. Ian Randle Publishers. Chapter 4, 2009; 17-20.

* **Samms-Vaughan M**. Children Caught in the Crossfire In: Blooming with the Pouis: Critical Thinking, Reading and Writing Across the Curriculum, A Rhetorical Reader for Caribbean Tertiary Students. Ed. P.A. Ramsay, V.A. Harding, J.A. Cools, I.A. McLaren. Ian Randle Publisher.

Technical Report

* Report on Administration of October / November 2008 Caribbean Association of Medical Councils Registration Examination. **RB Pierre,** A McDonald (Editors). Office of the Dean, Faulty of Medical Sciences, UWI, Jamaica, November 2008. Report submitted to the Board of the Caribbean Association of Medical Councils.

* Report on Administration of April / May 2009 Caribbean Association of Medical Councils Registration Examination. **RB Pierre,** A McDonald (Editors). Office of the Dean, Faulty of Medical Sciences, UWI, Jamaica, May 2009. Report submitted to the Board of the Caribbean Association of Medical Councils.

Abstracts

Peer-reviewed Abstracts and Major Scientific Presentations

* **Christie CDC,** Steel-Duncan J, Palmer P, **Pierre R,** Harvey KM, **Johnson N.**, Samuels L, Dunkley-Thompson J, Singh-Minott I, Anderson-Allen M, Billings C, Evans-Gilbert T, Rodriquez B, Moore J, McDonald-Kerr C, Taylor F, Smikle M, Williams E, Whorms S, Davis D, **Mullings A,** Morgan O, McDonald D, Alexander G, Onyonyur A, Hylton-Kong T, Weller P, Harris M, Haughton D, Woodham A, Carrington D, Figueroa JP. Effectiveness of Highly Active Antiretroviral Drugs in Preventing Mother To Child HIV Transmission and Reducing HIV-attributable Mortality in Jamaican Children. B31 Integrating prevention into treatment and care services. Cross-cutting Theme: "Do the Right Thing" and "Evidence-informed policies & Programs". Poster presentations, 18th International AIDS Conference: AIDS 2008, Abstract: WEPE0053, Mexico City, August 3-8, 2008.

* **Pierre RB,** Singh-Minott I, Moore J, Carrington D, Harvey K, Smikle M, Figueroa JP, **Christie CDC;** Failure of antiretroviral therapy (ART) in Jamaican children: Issues for the WHO approach in developing countries. Poster presentation, Abstract, 18th International AIDS Conference: AIDS 2008, Abstract: MOPE0057, Mexico, August 3-8, 2008.

* Byam PR, **Pierre RB, Christie CDC,** Andiman WA, KPAIDS Study Group. Cotrimoxazole-resistant invasive bacterial infections in Jamaican Children with HIV/AIDS. Abstract, 18th International AIDS Conference: AIDS 2008, Abstract: CDBO143, Mexico, August 3-8, 2008.

* Lewis K, **Pierre R,** Frankson MA, **Christie CDC**. Hematological manifestations of HIV/AIDS in an antiretroviral drug naive pediatric cohort. Abstract, 18th International AIDS Conference: AIDS 2008, Abstract: CDB0016, Mexico, August 3-8, 2008.

* Joao EC, Calvet GA, Krauss MR, Hance LF, Ortiz J, Ivalo SA, **Pierre R,** Reyes M, Watts H, and Read JS. Maternal antiretrovirals during pregnancy and infant congenital anomalies: The NISDI Perinatal Study. 48th Annual

ICAAC/IDSA 46th Annual Meeting; Washington, DC; October 25-28, 2008 [abstract 964].

* Whyte K, **Pierre R**, Anderson-Allen M, Williams E, Harvey K, Palmer P, **Christie C.** The pregnancy outcome of HIV positive mothers who present late to high-risk-antenatal clinics in Jamaica. E-Poster presentation: 5th IAS Conference on HIV Pathogenesis, Treatment, and Prevention, Cape Town, South Africa, July 19-22, 2009 [Abstract CDC022].

* Frederick S, **Frederick J, Fletcher H** and Reid M. A Trial comparing the use of rectal misoprostol plus perivascular vasopressin with perivascular vasopressin alone to decrease myometrial bleeding at the time of abdominal myomectomy. *WIMJ.* (Supp 4)2008, O 7 57:23

* Allen Davis, Davis C, **Fletcher H,** Frankson M. Commonly used botanicals and vitamins and their impact on intra-operative blood pressure and blood loss in the syrgical gynaecological patient. *WIMJ.* (Supp 4)2008, 09 57:24

* Marshall K, Landis R, Hamilton K, Forrester T, McKenzie C and **Fletcher H.** Genetic determinants of in vitro cellular responses to oxidative stress, *WIMJ.* (Supp 4) 2008 P1 57:33.

* Marshall K, Landis R, Hamilton K, Forrester T, McKenzie C and **Fletcher H.** Genetic determinants of in vitro cellular responses to oxidative stress, *WIMJ.* (Supp 2) 2009, 01 58:15.

* Frederick S, **Frederick J, Fletcher H** and Reid M. A Trial comparing the use of rectal misoprostol plus perivascular vasopressin with perivascular vasopressin alone to decrease myometrial bleeding at the time of abdominal myomectomy. *WIMJ.* (Supp 2)2009 05 58:16.

* Buchanan K, **Fletcher H,** Reid M. Prevention of Striae gravidarum with Cocoa Butter cream, a placebo controlled randomized double blind trial. *WIMJ.* (Supp 2)2009 028 58:29.

* Allen Davis, Davis C, **Fletcher H,** Frankson M. Commonly used botanicals and vitamins and their impact on intra-operative blood pressure and blood loss in the syrgical gynaecological patient. *WIMJ.* (Supp 2)2009 039 58:60.

* Singh-Minott I, **Melbourne-Chambers R, Thame M.** Pregnancy, Birth Outcome and Maternal Weight Gain in Women with Sickle Cell Haemoglobin C (SC) Disease. *WIMJ,* 2008;57 (Suppl.2):14.

* Bugembe T, Brabin B, **Thame M, Fletcher H,** P van Rheenen. Delayed Umbilical Cord Clamping, a practical option in Jamaica. *Arch Dis Child Fetal Neonatal Ed.* 2008;93(Suppl 1):60.

* A Hemans-Keen, **M Thame,** M Frankson, G Serjeant, D Simms-Stewart. Sickle cell anaemia as a risk factor for retained placenta. W.I. Med J, 2008; 57 (Suppl.4):24.

* M B. Lawrence-Wright, M. Boyne, **M. Thame,** C. Osmond, T.Royal-Thomas, R. Fraser, T. Forrester. Vascular status during childhood is predicted by maternal haemodynamics during pregnancy and by early life growth. *WIMJ,* 2008; 57(Suppl.4):45.

* P. Murray, M A. Frankson, **M. Thame.** A Comparison of HIV Positive and Negative Women in Pregnancy and the Outcome on Birth Anthropometry. *WIMJ,* 2008; 57(Suppl. 2):31.

* W. Allen-Dais, **M. Thame,** M. Reid, G. Serjeant, D. Simms-Stewart. Maternal morbidity and mortality associated with mode of delivery in women with sickle cell anaema compared to women with haemoglobin AA genotype. *WIMJ,* 2008 57(Suppl.2):25.

* P. Murray, M A. Frankson, **M. Thame.** Pregnancy performance of HIV positive compared to HIV negative women *WIMJ*, 2009; 58(Suppl.2):17.

* D. Shirley-Singh, L. Gabay, NO Younger, **M. Thame.** Obesity in three to five year old children in Jamaica: Prevalence and contributing factors. *WIMJ,* 2009; 58(Suppl.2):20.

* Whyte K, Pierre RB, Anderson-Allen M, Williams E, Harvey K, Palmer P, **Christie CDC,** The pregnancy outcomes of HIV positive mothers who present late to high-risk-antenatal clinics in Jamaica. Electronic poster presentation, 5th IAS Conference on HIV Pathogenesis Treatment and Prevention

(IAS 2009), Cape Town, South Africa, July 19-22, 2009; abstract A-155-0107-02739 and electronic poster CDC022.

* LB. Rodriquez, S. White, M. Frankson, C. Billings, **CDC Christie**. Issues of Family Planning Among HIV-Positive Women in Jamaica. Electronic poster presentation, 5th IAS Conference on HIV Pathogenesis Treatment and Prevention (IAS 2009), Cape Town, South Africa, 19-22 July 2009; abstract and electronic poster CDC 168.

AWARDS and HONOURS

Christie CDC, Mullings M, Johnson N

Member of the Pediatric and Perinatal HIV/AIDS in team awarded the Principal's Research Award for **Most Outstanding Research Activity, Faculty of Medical Sciences,** University of The West Indies, Jamaica", for Special Compendium of 20 original research manuscripts, West Indian Medical Journal 2008; 57(3);187-320.

Samuels L, **Fletcher H, Frederick J,** Christie L and Roberts-Gittens B. The effect of hyoscine butyl bromide on the first stage of labour in term pregnancies Brit J Obstet Gynaecol 2007 **Best Publication** faculty medical Sciences Principals Research awards 2008

Thame M. Outstanding contribution in the field of Child Health from the Jamaica Medical Foundation 2009

Thame M. The Paul Harris Fellow Award from the Rotary Club of New Kingston 2009

Christie CDC. Nomination and invitation formally accepted, "David Karzon Lecturership", Department of Pediatrics, Grand Rounds, Vanderbilt University, Nashville, Tennessee, USA 2009

Christie CDC. Vice Chancellor's Award for Excellence in Research Accomplishments, UWI 2008

Christie CDC. Elected Member, Governing Council of the International AIDS Society, representing Latin America and the Caribbean 2008.

Forrester S, Gray R, Tapper J. **Trotman H. Melbourne-Chambers R.** Mysthenia Gravis in Jamaican Childreen. Prevalence and Outcome. Second prize paper from Caribbean Health Research Conference, St Lucia, April 2009

RESEARCH GRANTS

Funded Grants, Contracts – Income generation:

INCOME GENERATION

Johnson N. Donation of ultrasound machine and computers by CHASE foundation $12.9 Million (JAD) for formation of Fetal Diagnostic and Therapeutic Unit

Johnson N. Recipient New Initiative Grant for $ 1,830,000 to fund research project ''Universal Screening for Subclinical Hypothyroidism during Pregnancy in a Jamaican Cohort"

Christie CDC. (Principal Investigator) Jamaica Pediatric, Perinatal and Adolesscent HIV/AIDS Programme- University of the West Indies, From the Jamaican Ministry of Health and the Global Fund to fight AIDS, TB and malaria, July 2009 to July 2011. Total grant amount to UWI $58,352,335.00 Jam.

Feeney M. (Principal Investigator), **Christie CDC,** (Co-investigator), Elizabeth Glaser. Scientists Award, January 1, 2006 to December 30, 2011; "The Immune Response to Acute Perinatal HIV Infection", Total grant amount > $650,000 USD's, total amount to UWI $112,000 USD's (ie., $16,000 USD's per annum for seven years).

Feeney M. (Principal Investigator), **Christie CDC,** Co-investigator. "The impact of CD8 T cells on viral control and evolution in HIV-infected infants. National Institutes of Health (NIH) grant # 1R01AI068497 - 01A2, total amount to UWI, $189,000 USD's December 1, 2006 through November 30, 2011 (ie., $27,000 USD's per annum for 7 years).

PUBLIC SERVICE

Pottinger AM

- Board Member, McCam Child Development Centre
- Volunteer responder and trainer, Jamaica Red Cross, Disaster Mental Health programme
- Reviewer, Journal of School Health
- Reviewer, Evaluation and Program Planning

Mullings AM

- Chairman, National Bioethics Committee of Jamaica
- Reviewer, for journal "Value in Health", the journal of the International Society for Pharmacoeconomics and Outcomes Research (ISPOR)
- Member, Ministry of Health, National Guidelines for Cervical Cancer Prevention and Control Review Committee
- Member, Board of the Jamaica Cancer Society
- Director, Caribbean Research Ethics Initiative

Christie CD

- Fellow, Infectious Diseases Society of America
- Member, Pediatric Infectious Diseases Society of America
- Member, HIV Medicine Association of America
- Member, International Association of Physicians in HIV/AIDS Care
- Member, Governing Council of the International AIDS Society, representing Latin America and the Caribbean
- Member, International Society for Infectious Diseases
- Member, Scotia Group Jamaica Limited

Prof Maureen Samms-Vaughan

- Chairman, Early Childhood Commission
- Board Member, National Council on Education
- Board Member, National Advisory Board on Disability
- Board Member, Family Life Ministries
- Board Member, Promise Learning Centre

- Board Member, Vaz Preparatory School
- Board Member, Queens High School

Professor Horace Fletcher

- Reviewer, *West Indian Medical Journal*
- Reviewer, *Obstetrics and Gynecology* (green Journal) American College of Obstetrics and Gynecology
- Reviewer, *International Journal of Gynecology & Obstetrics (IJGO)*

Dr Russell Pierre

- Reviewer, *Journal of HIV/AIDS Prevention for Children and Youth;* University of Connecticut, School of Social Work, Haworth Press Publication (International Editor)
- Reviewer, *West Indian Medical Journal*

CATEGORIES OF STUDENTS

Professor Celia Christie

Dr Indira Singh-Minott, DM Pediatrics, is completing her second year of a Fellowship in Infectious Diseases with Special Emphasis on Pediatric and Perinatal HIV/AIDS.

Obstetrics & Gynaecology

This year was the fifth year of the introductory lectures to the preclinical students which is part of the urogenital module.

One hundred and thirteen candidates sat the May June 2009 MBBS examinations. Seven candidates failed Obstetrics and Gynaecology. Three students obtained honors and one obtained a distinction in Obstetrics and Gynaecology.

Five candidates were successful in the Doctor of Medicine part II in Obstetrics and Gynaecology held November December 2008 and in the May/June examinations five were successful in the DM part 1 none failed.

DEPARTMENT OF PATHOLOGY

Carlos Escoffery, BSc, MBBS, DM *UWI* – Head of Department

WORK OF THE DEPARTMENT

The academic year, August 1, 2008 to July 31, 2009, saw the continuation of our income generation process that began in the last year. This has met with mixed results in that while we have managed to supplement our budget significantly with the collection of fees for our out-patient tests performed for the University Hospital of the West Indies (UHWI), we have not yet managed to recoup any of our in-patient costs. It is anticipated that the current formal commercialization/cost-recovery system being established by the UWI will finally make us solvent and allow us to be able to fund and focus on meaningful academic enterprises.

We are still faced with many challenges, including:

(a) Administrative/Management deficiencies – we are badly in need of holistic administrative reformation, which would include a revamping and upgrading of staffing in our Central (Adminstrative) Office, as well as the appointment of a Laboratory Manager, a Quality Assurance Manager, and an Information Technology (IT) Manager.

(b) Improvement of our IT systems – the acquisition of a state-of-the-art Laboratory Information System is of paramount importance and is an immediate necessity.

(c) Office/Storage/Work Space – we have outgrown our current physical plant and are badly in need of office space, especially for the academic staff and postgraduate students, as well as storage space for records and supplies. Several areas are

dilapidated and need urgent refurbishing, the most crucial being the Autopsy Room.

Laboratories and Autopsy Service

Our laboratory and autopsy services continued to provide invaluable support to the care of the in- and out-patients of the UHWI, as well as to patients from other medical facilities and institutions, both national and regional.

A total of 522,405 tests were performed by the Chemical Pathology Laboratory and 150,041 by the Haematology Laboratory. The Cytology Laboratory processed 4,931 pap smears and 689 non-gynaecological specimens. The Histopathology Laboratory accessioned and processed 8,797 surgical cases which generated 43,585 routine H&E stained slides and 741 special (histochemical) stains. Thirty-four frozen sections were performed. We processed special biopsies as follows: 39 liver, 96 renal, 7 muscle, 72 bone marrow and 19 smears (from tissue lesions). In addition, we performed 144 immunohistochemical (IHC) lymphoma panels, 233 IHC non-lymphoma requests and 483 cases had breast receptor (IHC) stains performed. A total of 236 autopsies were performed (Coroner's cases, 94; non-Coroner's cases including babies, 142).

Our equipment inventory was increased by the acquisition of: an Autopsy Room (organ) refrigerator, a Citadel 2000 Tissue Processor, a Histocentre paraffin tissue embedder and a Thermo Linistain Random Access Stainer.

TEACHING

The Department continued to be very heavily involved in the teaching of all aspects and sub-specialties of Pathology in both Stages I and II of the MBBS programme. Dr Elaine Williams continued as our Departmental Academic Administrator of Undergraduate Affairs, overseeing and coordinating all aspects of medical student education in the Department, including Clerkship coordination, as well as representing us on the Stage I & Stage II Committees, Assessment & Examination Committee and the Curriculum Committee. We still faced tremendous challenges trying to accommodate and teach the large clerkship groups, and anxiously await the refurbishing of both our

Seminar Room and Autopsy Room, which have now become inadequate for our teaching requirements.

The Museum has deteriorated badly and needs revitalizing. We plan to seek funding to enable us to relocate the Museum to rooms in the Rippel Building that were previously occupied by the Department of Surgery, Radiology, Anaesthetics and Intensive Care, and to try to establish a modern facility with multimedia and interactive functions. Despite all the odds, however, our lecturers performed their assigned tasks admirably and were consistently rewarded with high assessment scores by the students, averaging over 4.0 for the Department as a whole.

The DM programme had 4 registered graduate students, 3 in Anatomical Pathology (1 in Part I and 2 in Part II) and 1 in Haematology (Part I). One resident was successful in the DM Pathology Part I Examination in Anatomical Pathology in the May/June 2009. Dr Nadia Williams continued as the Director of the Residency Programme in Anatomical Pathology (DM Path Graduate Programme) and Departmental Representative on the FMS Committee for Graduate studies.

Staff & Research

Despite our financial woes, the chronic distraction of the commercialization process and our technological and other limitations, the academic staff continued to maintain an active academic presence and showed significant improvement in publications over the previous year. We produced 29 scientific articles and 8 abstracts in peer-reviewed journals, and in addition, some 25 papers were presented at various local and regional conferences.

Two members of academic staff - Drs. Tracey Gibson and Donovan McGrowder – were promoted to the level of Senior Lecturer and were both granted renewal of contract on indefinite tenure.

Research Grants/Funding Received

Dr Tracey Gibson embarked on a new project, which entails the establishment of a Cytogenetics Laboratory in the Department. This will be housed in the former Labs 7 & 7A of the Rippel Building. The cost of the renovation, installation of appropriate air conditioning systems and capital equipment will be at least J$14 million,

approximately **J$11 million of which is being funded by the CHASE Fund.** Work has commenced and is progressing satisfactorily. This laboratory, when completed, equipped and staffed, will propel us into the 21st century and provide much needed diagnostic and research opportunities in the area of Cytogenetics.

In addition, Dr Gibson received a New Initiative Grant from UWI valued at J$900,000 for the project "Optimization of extraction of DNA from archived formalin-fixed paraffin-embedded (FFPE) breast and lymph node tissues from surgical specimens in Jamaican patients". She is the principal investigator, and the co-collaborators are - SE Shirley, WA McLaughlin, G Gordon-Strachan, CA Mckenzie and CT Escoffery.

Dr Donovan McGrowder also received a New Initiative Grant from UWI valued at **J$1,437,237** for the project "Evaluation of Oxidative Stress and Antioxidant status and use of the Percentage of Free Prostate-Specific Antigen to Enhance Differentiation of Prostate Cancer from Benign Prostatic Hyperplasia in Jamaican Men"

Professor Franklyn Bennett also received a New Initiative Grant for the sum of **J$1.481M** for the project "High Sensitivity C – Reactive Protein and its Relationship to Cardiovascular Disease Risk in Jamaican Youth"

Other staff members were actively involved in a variety of research activities, some of which included:

- **Dr K Bishop's** research on various aspects of perinatal pathology and mortality (in collaboration with the Department of Obstetrics, Gynaecology and Child Health)
- **Dr S Chin's** work in various aspects of oncology as well as planning and coordinating the monthly UWI/UHWI Oncology Rounds, which she initiated this year.
- **Professor K Coard's** work on: (a) Prostate Cancer in Jamaica: the Contribution of Diet and Lifestyle, (b) Metabolic Abnormalities and Risk of Prostate Cancer in Jamaican Men, (c) Ongoing evaluation of a variety of aspects of Prostate Cancer at the University Hospital of the West Indies is in progress, (d) Retrospective studies continue on various aspects of Cardiovascular Pathology.

- **Professor G Char** and **Dr J Jaggon's** research on various aspects of neuropathology in Jamaica.
- **Professor B Hanchard's** work on: (a) HTLV-1: continuing collaboration with NIH/NCA, Bethesda, Maryland and collaborators in Japan, (b) Cancer Epidemiology: Compilations of 5 yearly reports of Cancer Incidence in Kingston and Saint Andrew through the Jamaica Cancer Registry.
- **Dr D Lowe's** work on: (a) Breast receptors in breast cancer patients in Jamaica, (b) Inhibitors and other complications in haemophiliacs in Jamaica
- **Dr S Shirley** & **Professor C Escoffery's** ongoing data collation and analysis on: (a) Jamaican Breast Disease Study (Protocols I & II) in collaboration with (DSRA&IC and TMRI) [Dr Shirley, Principal Investigator], (b) Medico-legal autopsy pathology, (c) Exfoliative and aspiration cytology.
- **Dr E Williams'** research on receptor status on patients with breast cancer locally and regionally.
- **Dr N Williams'** work in: (a) Gastrointestinal pathology specifically related to polyps, hereditary polyposis syndromes, hereditary non-polyposis syndromes, colorectal cancer and *Helicobacter pylori*-associated diseases, (b) Colorectal cancer in young patients <50 years (with Drs. G. Wharfe and S. Chin of Haematology and Dr J Plummer from the section of Surgery).

PAPERS PRESENTED

- **Bishop K.** " Perinatal Pathology Report January – December 2008: Analysis of Data", Annual Perinatal Conference: Faculty of Medical Sciences, UWI, Kingston, Jamaica, February 2009.
- Chin-See C, **Bishop K.** "Perinatal Pathology Report January – December 2008", Annual Perinatal Conference: Faculty of Medical Sciences, UWI, Kingston, Jamaica, February 2009.

Chin S.

- "The pregnant patient with newly diagnosed cancer", Department of Obstetrics, Gynaecology and Child Health

Perinatal Audit and Symposium, UWI, Kingston Jamaica, February 2009.

- "A review of the patterns of docetaxel use for hormone refractory prostate cancer (HRPC) at the Princess Margaret Hospital", Poster Presentation, ASCO Genitourinary Cancers Symposium, Orlando, Florida, February 2009.
- "Management of DCIS – the multidisciplinary approach", UHWI/UWI Oncology Rounds, Faculty of Medical Sciences, UWI, Kingston, Jamaica, January 2009.
- "Pregnancy-associated breast cancer", Lilly Oncology Rounds, Jamaica Pegasus Hotel, Kingston, February 2009.
- "Defining the expanding role of the Internist In Prostate Cancer" and "Lung Cancer: Current and emerging strategies for screening and preventing", Department of Medicine Summer Course Series: Faculty of Medical Sciences, UWI, Kingston, Jamaica, July 2009.

Coard KCM.

- (with Brady-West DC, **Coard KCM,** Leitch JM.) "Audit of performance of multiple choice items used in the new medical curriculum" 17th Annual Research Conference of the Faculty of Medical Sciences, UWI, Kingston, Jamaica, November 2008
- Mitchell AD, **Coard KCM.** "Xanthogranulomatous Pyelonephritis at the University Hospital of the West Indies" 17th Annual Research Conference of the Faculty of Medical Sciences, UWI, Kingston, Jamaica, November 2008.
- Aiken WD, Morrison BF, Jackson M, Tulloch T, Mayhew R, Wan R, Bennett F, **Coard K,** Tulloch – Reid MK. 'The effect of body mass index on prostate-specific antigen levels in Jamaican men." 54th Scientific Meeting of the Caribbean Health Research Council, St Lucia. April 2009.
- "Body mass index and prostate-specific antigen levels in Jamaican men." Aiken WD, Tulloch-Reid MK, Morrison BF, Tulloch T, Mayhew, Wan R, Bennett F, **Coard K,** Jackson M. 51st Conference of the Association of Surgeons in Jamaica, Kingston, Jamaica, May 2009.

Escoffery CT

- "Pathology services in Jamaica: A historical overview" 14th Annual Symposium of the Jamaican Association of Clinical Pathologists, The Jamaica Pegasus Hotel, Kingston, Jamaica, November 2008.
- "Forensic pathology: Training and recruitment – Whom? How? How many?" 17th Annual Research Conference and Workshop on Forensic Medicine: Birth, Life, Death…, Faculty of Medical Sciences, UWI, Kingston, Jamaica, November 2008.

Hanchard B.

- "The History of Pathology at the UWI" 14th Annual Symposium of the Jamaican Association of Clinical Pathologists, the Jamaica Pegasus Hotel, Kingston, Jamaica, November 2008.
- "Surgical Pathology then and now" – The Sir Harry Annamunthodo Memorial Lecture, 51st Annual Conference, Association of Surgeons of Jamaica, Kingston, Jamaica, May 2009.

Lowe D.

- "Rectal Cancer: Neoadjuvant versus Adjuvant Therapy – which is better?", the UHWI Tumour Board Seminar, Small Lecture Theatre, FMS, Kingston, Jamaica February, 2009.
- "Palliative chemotherapy – Is there a benefit?" the Annual Palliative Care Symposium of the Palliative Care Team, Hope Institute, Mona Visitors' Lodge, Kingston, Jamaica, April 2009.

McGrowder D.

- Pena-Fraser Y, Gordon L, Morrison E, **McGrowder D,** Garwood D, Zamora E, Perez Sanz EC. "Changes in clinical and metabolic parameters after exercise in patients with type 2 diabetes mellitus", 17th Annual Research Conference and Workshop on Forensic Medicine, Faculty of Medical Sciences, UWI, Kingston, Jamaica, November 2008.

- Gordon L, Morrison E, **McGrowder D,** Garwood D, Zamora E, Pena- Fraser Y, Pena Sanz E.C. Effect of exercise therapy on lipid profile and oxidative stress indicators in patients with type 2 diabetes", 17th Annual Research Conference and Workshop on Forensic Medicine, Faculty of Medical Sciences, UWI, Kingston, Jamaica, November 2008.
- "Biochemistry Markers in Clinical Chemistry – The Way Forward", Medical Laboratory Symposium: Jamaica Medical Technology Division, University of Technology, Kingston, Jamaica, November 2008.
- "How prepared are laboratories in Jamaica for accreditation", International Accreditation Day Seminar: Caribbean Regional Organization and Quality (CrosQ) and Jamaica National Agency for Accreditation (JANAAC), Kingston, Jamaica, June 2009.
- Soyibo A, Barton E, **McGrowder D.** "Glomerular filtration rate estimated and calculated", Department of Medicine Research Day, UWI, Kingston, Jamaica, June 2009.
- Luke K, Asemota H, Wheatley A, Barton E, **McGrowder D.** "Effects of nutritional supplements in the treatment of kidney dysfunction associated with cocaine abuse in animal models", Department of Medicine Research Day. UWI, Mona, Kingston, Jamaica, June 2009.

Williams N.

- Plummer JM, Graham R, **Williams N,** Bonadie K. "Colorectal cancer in young patients", 7th Annual Caribbean College of Surgeons Meeting, St Lucia, 2008.
- Graham RPD, Plummer JM, **Williams NP,** West KA. "Lymph Node Resection for Colorectal Cancer: Ensuring Standards, Improving Quality", 51st Annual Clinical Conference, Association of Surgeons in Jamaica, Kingston, Jamaica, May 2009.

PUBLICATIONS

WIMJ = West Indian Medical Journal

Refereed (Peer-Reviewed) Journal Articles

* Boyne MS, Woollard A, Phillips DIW, Taylor-Bryan C, **Bennett FI,** Osmond C, Royal-Thomas TY, Wilks RJ, Forrester TE. The association of hypothalamic-pituitary-adrenal axis activity and blood pressure in an Afro-Caribbean population. *Psychoneuroendocrinology 2009;* 34: 736-42. Epub 2009 Jan 19.

* Bennett NR, Boyne MS, Cooper RS, Royal-Thomas TY, **Bennett FI**, Luke A, Wilks RJ, Forrester TE. Impact of adiponectin and ghrelin on incident glucose intolerance and on weight change. *Clinical Endocrinolog*y 2009; 70; 408-14.

* Murphy AJ, **Bishop K,** Pereira C, Chilton-Macneill S, Ho M, Zielenska M, Thorner PS. A new molecular variant of desmoplastic small round cell tumor: significance of WT1 immunostaining in this entity. *Human Pathology.* 2008; 39:1763-70. Epub 2008 Aug 13.

* **Buchner-Daley LM, Brady-West DC.** Chronic myeloid leukaemia at the University Hospital of the West Indies: A 17-year review. *WIMJ.* 2008; 57: 493-96.

* **Chin SN,** Trinkaus ME, Simmons C et al, Prevalence and severity of urogenital symptoms in postmenopausal women receiving endocrine therapy for breast cancer. *Clinical Breast Cancer.* 2009; 9:108-17.

* **Chin SN,** Pinto V, Rosen B, Oza A, Dodge J, Murphy J, Mackay H . Evaluation of an intraperitoneal chemotherapy program implemented at the Princess Margaret Hospital for patients with epithelial ovarian carcinoma. *Gynecologic Oncology.* 2009; 112: 450-4.

* Trinkaus M, **Chin S,** Wolfman W, Simmons C, Clemons M. Should urogenital atrophy in breast cancer survivors be treated with topical estrogens? *Oncologist.* 2008;13: 222-31.

* Riechelmann RP, Zimmermann C, **Chin S,** N Wang L, O'Carroll A, Zarinehbaf S, Krzyzanowska MK. Potential drug interactions in cancer patients receiving supportive care

exclusively. *Journal of Pain and Symptom Management.* 2008;35:535-43.

* **Choo-Kang E.** Chemical composition of urinary tract stones at the University Hospital of the West Indies. *WIMJ,* 2008; 57: 427-430.

* Simms-Stewart D, Frederick S, Fletcher H, **Char G** , Mitchell S. Postmenopausal uterine inversion treated by Subtotal Hysterectomy. *Journal of Obstetrics and Gynaecology*. 2008; 28:116-7.

* Intraabdominal Lymphangioma in a 40-year-old woman and review of literature. Skeete DH-A, **Char G,** Fletcher H, Bolt CS. *WIMJ,* 2008; 57: 418-19.

* **Coard KCM,** Skeete DH-A. A 6-year analysis of the clinicopathological profile of prostate cancer patients at the University Hospital of the West Indies, Jamaica. *British Journal of Urology International.* 2009; 103:1482-86.

* Dupuis C, **Coard KCM**. A Review of Granular Cell Tumours at the University Hospital of the West Indies: 1965-2006. *WIMJ.* 2009; 58: 138-141.

* Aiken W, **Gibson T,** Williams S, Gaskin D. Leiomyosarcoma of the kidney. *WIMJ,* 2009; 58: 183-184

* Birmann BM, Breen EC, Stuver S, Cranston B, Martinez-Maza O, Falk Kl, Okayama A, **Hanchard B,** Muellen N, Hisada M. Population differences in immune marker profiles associated with human T-Lymphotropic virus Type 1 infection in Japan and Jamaica. *International Journal of Cancer 2009;* 124: 614-621.

* Wang SS, Carreon JD, **Hanchard B,** Chanock S, Hisada M. Common genetic variants and risk for non-Hodgkin's lymphoma and adult T-cell lymphoma/leukemia in Jamaica. *International Journal of Cancer 2009;*125: 1479-82.

* Umeki K, Hisada M, Maloney EM., **Hanchard B,** Okayama A. Proviral Loads and Clonal Expansion of HTLV-1 Infected Cells following Vertical Transmission: A 10 year follow-up of Children in Jamaica. *Intervirology* 2009; 52: 115 -122.

* Hutton-Rose N, Blythe C, Ogbano C, **McGrowder D.** The prevalence of other sexually transmitted infections in confirmed HIV cases at a referral clinic in Jamaica. *Journal of the Royal Society for the Promotion of Health.* 2008; 128: 242-247.

* Davidson S, **McGrowder D,** Keheller A, Burman J. Can Rotem predict post-operative bleeding and appropriate treatment after surgery? *Journal of Cardiothoracic and Vascular Anesthesia.* 2008; 22: 655-661.

* Gordon L, Morrison E, **McGrowder D,** Young R, Garwood D, Pena-Fraser Y, Zamoraz E, Alexander-Lindo R, Irving R. Changes in clinical and biochemical parameters in patients with type 2 diabetes after exercise therapy. *Archives of Medical Sciences.* 2008; 4: 227-237.

* Brown T, **McGrowder D.** Road traffic epidemic in contemporary Jamaica: Implications for governance and public policy. *Asian Social Sciences.* 2008; 4: 182-191.

* **McGrowder D,** Williams A, Gordon L, Crawford T, Alexander-Lindo R, Irving R, Hamilton M Calcium excretion in preeclampsia and gestational hypertension. *Archives of Medical Science.* 2009; 5: 80-85.

* **McGrowder D,** Grant K, Gordon L, Crawford T, Alexander-Lindo R, Irving R. Lipid profile and clinical characteristics of women with gestational diabetes and preeclampsia. *Journal of Medical Biochemistry.* 2009; 28: 72-81.

* Bourne P, **McGrowder D,** Crawford T. Decomposing mortality rates and examining health status of the elderly in Jamaica. *Open Geriatric Medicine Journal* 2009; 34: 34-43.

* Bourne P, **McGrowder D.** Rural health in Jamaica: Examining and refining the predictive factors of good health of rural residents. *Journal of Rural and Remote Health* 2009; 9:1116.http://www.rrh.org.au/publishedarticles/article_print_1116.pdf.

* **McGrowder D,** Jackson L, Forrester R, Edie C, Crawford A, Simpson S, Crawford T. The impact of the North Coast Highway on socioeconomic status and family life of residents in Bogue Village, Jamaica. *Asian Social Science* 2009; 4: 28-37.

* Brown T, Duncan N, **McGrowder D,** Crawford A, Gordon L, Bourne P. The implications of public utility access on gender: The case of Jamaica. *European Journal of Social Sciences.* 2009; 8: 614-625.

* Powell M, Wheatley A, Omoruyi F, Asemota H, **Williams NP** and Tennant P. Effects of subchronic exposure to transgenic papayas (Carica papaya L.) on liver and kidney enzymes and lipid parameters in rats. *Journal of the Science of Food and Agriculture* 2008; 88:2638-47.

* Graham RPD, West K, **Williams NP.** Primary epithelial tumours of the appendix: a review of cases. *World Journal of Gastroenterology*. 2009; 15: 1472-74

Refereed (Peer-Reviewed) Journal Abstracts

* Pena-Fraser Y, Gordon L, Morrison E, **McGrowder D,** Garwood D, Zamora E, Perez Sanz EC. Changes in clinical and metabolic parameters after exercise in patients with type 2 diabetes mellitus. *WIMJ,* 2008; 57 (Suppl. 4): 28.

* Gordon L, Morrison E, **McGrowder D,** Garwood D, Zamora E, Pena- Fraser Y, Pena Sanz E.C. Effect of exercise therapy on lipid profile and oxidative stress indicators in patients with type 2 diabetes.*WIMJ*, 2008. 57 (Suppl. 4): 28.

* Audit of performance of multiple choice items used in the new medical curriculum. Brady-West DC, **Coard KCM,** Leitch JM. *WIMJ*. 57 (Suppl 4) 42: 2008.

* Xanthogranulomatous pyelonephritis at the University Hospital of the West Indies Mitchell AD, **Coard KCM**. *WIMJ*. 57 (Suppl 4) 44: 2008.

* Aiken WD, Morrison BF , Jackson M , Tulloch T , Mayhew R , Wan R , Bennett F , **Coard K ,** Tulloch-Reid MK. The effect of body mass index on prostate-specific antigen lev els in Jamaican men. *WIMJ*. 2009 58 (Suppl 2) 16.

* **Chin SN,** Trinkaus ME, Simmons C et al, Prevalence and severity of urogenital symptoms in postmenopausal women receiving endocrine therapy for breast cancer. *Journal of Clinical Oncolog*y 26: 2008 (May 20 suppl; abstr 20551).

* **Chin SN,** Wang L, Lau A et al, A review of the patterns of docetaxel use for hormone refractory prostate cancer (HRPC) at the Princess Margaret Hospital. *Journal of Clinical Oncology* 27: 2009 (May 20 suppl; e16161).
* **Escoffery C.** Forensic pathology: Training and recruitment – Whom? How? How many? *WIMJ,* 2008;57: (Suppl. 4): 17-8.

Non-Refereed Journal Articles

* Paul T J, Branday J, Crawford-Sykes A , **Williams E** , Beman D. The administrative challenge of new curricula in old Medical Schools. *The UWI Quality Education Forum* 2009; 15: 83-92.

PUBLIC SERVICE

Dr K. Bishop

– Cytopathology Consultant, Jamaica Cancer Society
– President, Jamaican Association of Clinical Pathologists

Dr D. Brady-West

– Assistant Editor, *West Indian Medical Journal*

Professor G. Char

– Cytopathology Consultant, Jamaica Cancer Society

Professor K. Coard

– Council Member, Caribbean Cardiac Society.
– Chairman, Research Grants Awards Committee of the Caribbean Cardiac Society.

Professor C. Escoffery

– Cytopathology Consultant, Jamaica Cancer Society
– Reviewer, *West Indian Medical Journal*

Dr. T. Gibson

– Cytopathology Consultant, Jamaica Cancer Society

Professor B. Hanchard

- Member of Executive Board, International Society of Retrovirology
- Member of Board of Directors, Jamaica Cancer Society
- Cytopathology Consultant, Jamaica Cancer Society

Dr. J. Jaggon

- Cytopathology Consultant, Jamaica Cancer Society
- Secretary/Treasurer, Jamaican Association of Clinical Pathologists

Dr. D. Lowe

- Executive Member, Leukemia CARE
- Voluntary physician, National Blood Transfusion Service
- Clinical Advocate, Jamaica Haemophilia Society

Dr. D. McGrowder

- Technical Editor, *Pakistan Journal of Biological Sciences*
- Member, Lupus Foundation of Jamaica
- Member of Heart Foundation of Jamaica
- Board Member, Jamaica Cancer Society
- Member, Editorial Board, Biochemistry Insights
- Member, Editorial Board, *Global Journal of Health Science*
- Technical Editor, *International Journal of Osteoporosis and Metabolic Disorders*
- Editor of Chemical Pathology, *International Journal of Medicine and Medical Sciences*

Professor D. Shah

- Deputy Chairman, Council, Professions Supplementary to Medicine, Ministry of Health, Jamaica
- Cytopathology Consultant, Jamaica Cancer Society

Dr. S. Shirley

- Cytopathology Consultant, Jamaica Cancer Society
- Reviewer, *West Indian Medical Journal*

Dr. J. Taylor-Houston

- Chairperson, Leukaemia CARE

Dr. E. Williams

- Cytopathology Consultant, Jamaica Cancer Society

Dr. N. Williams

- Member, International Relations Committee of the American College of Gastroenterology 2006-2009
- Cytopathology Consultant, Jamaica Cancer Society
- Executive Member, UWI Medical Alumni Association
- Member, UWI Mentorship Programme
- Member, FMS Representative "UWI60" Mona Planning Committee, 2007-2008.
- Member, ICHS Alumnae Association "Big Sister" Programme
- Member, ICHS Alumnae Association Scholarship Committee

Honours & Awards

- **Dr N Williams,** UWI/GUARDIAN LIFE Premium Teaching Awards 2008, "Recognizing Teaching Excellence"

Professor Kathleen Coard

- Mary Seacole Hall, University of the West Indies, 2009 Award for ***"Most Accomplished Past Seacolite in the Field of Medicine".***
- Jamaica Medical Foundation Award 2009, for ***"Outstanding Achievement in the Field of Medicine".***

DEPARTMENT OF SURGERY, RADIOLOGY, ANAESTHESIA & INTENSIVE CARE

Professor Ivor Crandon CD, FRCS (Ed.) – Head of Department

WORK OF THE DEPARTMENT

In addition to the provision of services in Surgery, Radiology, Anaesthesia & Intensive care and Accident & Emergency Medicine at the University Hospital, the Department offers undergraduate and postgraduate education and research in Surgery, Radiology, Anaesthesia & Intensive Care and Accident & Emergency Medicine including the various sub-disciplines of General Surgery, Orthopaedics, Neurosurgery, Urology, Paediatric Surgery, Cardio-thoracic Surgery, Ophthalmology and Otorhinolaryngology at Mona, Kingston Public Hospital and Cornwall Regional Hospital. Its clients include medical students, physicians, nurses including all its own specialist areas, physiotherapists, radiographers and psychologists among other groups. It also runs courses in Advanced Cardiac and Advanced Trauma Life Support. During the past academic year, the Department received medical students and residents for elective experiences from the UK, St. Lucia, Germany, Canada and the USA among other countries.

The Section of Anaesthesia & Intensive Care organized and successfully implemented an inaugural collaborative workshop/ conference with the Vanderbilt University School of Medicine Department of Anesthesiology and the Children's Hospital of Philadelphia, University of Pennsylvania Department of Anesthesiology on advanced adult and paediatric airway management.

The Section of Accident & Emergency Medicine carried out disaster management training in collaboration with PAHO and Disaster Simulation Exercises in collaboration with the Ministry of Health.

ACLS training was also done in collaboration with the Ministry of Health and the Heart foundation of Jamaica.

Undergraduate Programme

During the academic year, the Department met its objective of extending teaching to off campus sites, in keeping with the strategic plan of the UWI. Junior (Year III) surgery as well as Ophthalmology, Anaesthesia, Orthopaedics, Radiology and Emergency Medicine (Year IV) are now taught at Cornwall Regional Hospital. The final year (Year V) teaching programme in surgery continues to be taught at Mona, KPH and Cornwall Regional Hospital. The Mandeville Regional hospital was accredited for the teaching of final year (Year V) surgery and orthopaedics (Year IV). Teaching there is expected to start in September 2009.

Minor revision was done to the undergraduate curriculum. A CD (Surgical Instrument Review) has been completed and is ready for distribution to assist students with learning including revision.

Members of the Department play an active role in the curriculum review workshop process of the Faculty. Teacher training through the MEU/IDU is required of all new Department members. The Department is actively working with colleagues to ensure standardization of evaluation instruments for clerkships across campuses.

Graduate Programme

Instruction in research methodology is now available to all DM Residents. DM case books and theses are submitted in electronic form. A DM handbook with required competencies has been completed for Radiology while work continues for the other disciplines.

Postgraduate training in General Surgery has commenced at the Cornwall Regional Hospital and continues at Mona and KPH. Mandeville Hospital has been accredited for training in Post Part 1 Orthopaedics, Ophthalmology and General Surgery and the DM programme has started there. An accreditation exercise was carried out at the Spanish Town hospital for Accident & Emergency Medicine, Orthopaedics and General Surgery. The graduate programme will be extended to this facility soon.

Teaching

The Department achieved a teaching score of 4.4 for courses and 4.2 for Lecturers, compared with 4.3 and 4.4 respectively for the previous year, a commendable performance and in keeping with its objectives. The undergraduate and graduate teaching programmes of the Department continue to be impaired by the equipment, plant and supply problems of the University Hospital, underlining the importance of developing off campus teaching sites for the Department's programmes.

Research

With a full-time academic staff complement of 30, the per capita publication rate improved from 1.26 to 1.57 during the year 2008-2009, setting another record of 47 publications in peer reviewed journals and 31 abstracts, meeting its objective set a year ago. The Department maintained its substantial output of local, regional and international conference presentations numbering 70 for the academic year. Four research grants were initiated during the year. The trauma registry which the Department maintains now contains 12,881 records and continues to provide ample research material for injury related studies.

Infrastructural improvement

Although architectural drawings were done and construction was expected to begin during the academic year, incomplete funding prevented commencement of construction of the surgical teaching laboratory. Alternative methods of funding are now being pursued. Work was completed on a suture area in the Accident & Emergency Department as well as on the air conditioning system of the A & E. The moving target of keeping expenditure within the budgeted allocation was achieved through very stringent financial management, made all the more difficult in these challenging economic times.

Targets for the coming year

During the next academic year, the Department intends to maintain its current teaching rating. The per capita research output target will be 1.66 per academic staff member while every effort will be made to acquire two new research grants.

The undergraduate and postgraduate teaching programmes will be extended at the Cornwall Regional and Kingston Public Hospitals and introduced at the Mandeville and Spanish Town hospitals.

The DM surgery Part II curriculum, which was not published as planned during this academic year will be revised and published while the undergraduate curriculum will be revised at the end of the year. All the ground work has been done for roll out of the Department's website during the coming academic year. The surgical laboratory is scheduled to be completed, once the difficult problem of funding is solved.

PAPERS PRESENTED

The 2008 International Meeting of University Administrators (IMUA) August 19, 2008, Vancouver.

- Paul TJ, **Branday J,** Beman D: Competitiveness as a new goal for the traditional medical school in the Caribbean.
- **Branday JM,** Paul T, Beman D, Russell J: Predictors of Academic Performance in a Medical Undergraduate Programme.

The International Association of Medical Science Educators (IAMSE) Conference, July 2008, Utah

- Paul TJ, **Branday JM,** Beman D, Williams, E: What's in One Mark? Telescoping Integrated and Ongoing Assessments.
- Beman D, **Branday JM,** Ragoobirsingh D, Paul TJ: Teaching Beyond The Core – How Long Can It Continue?
- Beman D, Paul TJ, Leitch J, **Branday JM**: Assessing the Performance of Distracters in Multiple Choice Examinations Using a Theory of Equal Distraction.

International Meeting of University Administrators, University of British Columbia, BC, Canada. August 17-21,2008.

- **Branday JM,** Paul TJ: Competitiveness as a New Goal for the Caribbean's First Medical School.

Latin American Symposium on Image Guidance and Radiological Surgery, October 26, 2008, Columbia.

- **Bruce C:** The role of neuronavigation in skull base tumours.

The 33rd Latin American Neurosurgery Congress, October 26-30, 2008, Columbia.

- **Bruce C:** Revision surgery in patients with lumbar fusion.

The Jamaica Anaesthetists Association Symposium 2008; Updates and Controversies in Anaesthesia & Intensive Care, November 2, 2008, Knutsford Court Hotel.

- **Harding HE:** Performance and Control, the ultimate in pain management.
- **Soogrim D:** Abdominal compartment syndrome.
- **Barnett A:** Informed consent: lessons learnt.
- **McGaw CD:** Coronary stents, antiplatelet agents and surgery: dilemma of competing risks.
- **Williams A:** Current thinking in obstetric analgesia.

35th Annual Dr. Ena Thomas Memorial Symposium, Jamaica Pegasus, Nov. 28, 2008

- **Bruce C:** Minimal approach to Chiari associated Syringomyelia

Caribbean Association of Microbiologists Annual Scientific Conference, December 2008

- **Tennant I**: Dynamics of antibiotics usage in the ICU, UHWI.

Caribbean Emergency Medicine Congress, Barbados, January 2009

- **Williams-Johnson JA:** Cervical Spine Injuries

The 7th Caribbean Neuroscience Symposium & Workshop held on January 23 & 24, 2009 at the Ritz-Carlton Golf & Spa Resort, Rose Hall, St. James.

- **Vaughan K:** Development of the child's spine.
- **Bruce C:** Options for posterior cervical fusion.
- **Pencle F:** Results of a multicentre dural substitute trial.

- **Venugopal R:** Bone graft over view.
- **Bruce C:** Result of the multicentre head injury trial comparing care in the developed and developing world
- **Bruce C:** Epidemiology of intracranial tumors across Jamaica
- **Bruce C:** Results of the Caribbean and Latin America multicentre dural substitute trial

The University of the West Indies Research Days held January 29 & 30, 2009.

- **Plummer J & Brown H:** The Changing face of surgery; natural orifice surgery & Video displays on Anaesthesia & Intensive Care and pain management and other roles of the Anaesthetist

The 14th Jamaican Orthopaedic Association Annual Conference held February 7 & 8, 2009, Jamaica Conference Centre.

- **Bullock R:** Radiological evaluation of bone and joint pain in sicklers
- **Rose R:** AVN in adult treatment options
- **Vaughan K:** Outcome of hip arthroplasty in sicklers (local experience)

Cardiovascular Week 2009 & Medical Symposium

- **Johnson P:** Peripheral artery disease: modern modalities of treatment
- **Irvine R:** Resynchronisation therapy in heart failure

Cardiovascular Week 2009, UWI Main Medical Lecture Theatre, February 8-14, 200.

- **Ehikhametalor K:** Managing Heart Failure in the ICU
- **Irvine R:** Resynchronization Therapy in Heart failure

Caribbean College of Family Physicians, February 2009

- **Barnett A:** Sedation in the GP's Office

Paediatric and Adult Advanced Airway Management Workshop, Knutsford Court Hotel, Kingston, Jamaica, February 28-March 1, 2009

- **Toppin J:** Avoid Misadventures: a practical approach to adult and paediatric airway management.

Jamaica Urological Society annual Symposium, Courtleigh Auditorium, Kingston, Jamaica, February 22, 2009

- **Morrison B:** Outcomes of Radical Prostatectomy at UHWI
- **Shah S:** Interventional Radiology in Urology.
- **Tulloch T:** Management of Urethral Stricture Disease in Jamaica: a preliminary report.
- **Aiken W:** Panel discussion on Male Sexual Dysfunction

Caribbean College of Family Physicians February 09

- **Barnett A:** 'Sedation in the GP's Office'.

The Jamaica Emergency Medicine Association Conference 2009; Diagnostics in the Emergency Department, The Jamaica Pegasus Hotel, March 22, 2009.

- **Hutson R:** Interesting Cases of Local Poisoning.
- **Maycock C:** Nebulized MgSO4 for Acute Asthma.
- **Cawich S:** Prospective Evaluation of the Protective Effect of Helmets on Motorcycle Head Trauma in Jamaica.

19th Annual Anaesthesia Residents' Symposium. March 2009

- **Thomas M:** Heparin-Induced Thrombocytopenia (HIT) in Critical Care.
- **Royes S:** Perioperative Blood Conservation Strategies, Especially in Relation to a Jehovah's Witness Patient.
- **Glaze J:** Management of Perioperative Patients on Antiplatelets and Anticoagulants

The American Urological Association, April 27, 2009

- **Morrison, B:** Sexual Dysfunction in Jamaican Male Patients with Sickle Cell Disease
- **Morrison, B:** Bone Mineral Density in Jamaican Men on Hormonal Therapy for Prostate Cancer.

Department of Surgery, Radiology, Anaesthesia & Intensive Care and Emergency Medicine; Section of Surgery Clinical Research Meeting, held May 1, 2009 in the Main Lecture Theatre.

- **Aiken W:** The Relationship between PSA & BMI in Jamaican Men.
- **Venugopal R:** Kaposi's Sarcoma – A Case Report.
- **Pencle F:** The Epidemiology of Intracranial Tumours at the UHWI.
- **Jemmott D:** Cholelithiasis on Ultrasound: Which report is associated with Acute Pancreatitis?
- **Tennant I:** Anaesthetic Morbidity at the UHWI - A Prospective Cross – Sectional Study
- **Morrison, B:** Radical Prostatectomy Outcomes at the UHWI

The Association of Surgeons in Jamaica Annual Conference, Knutsford Court Hotel; May 16 & 17, 2009.

- **Venugopal R.** Oncoplastic Techniques in Breast Cancer
- **Aiken W:** The Relationship of Prostate Specific Antigen and Body Mass Index
- **Bruce C:** Outcome in Traumatic Brain Injuries: A Comparative Study between a Developed Country and a Developing Country
- **Cawich S:** Vascular Access in Caribbean Countries: A Cost Benefit Analysis
- **Morrison B:** Penile Cancer in Jamaican Men Managed at the UHWI.

Caribbean Poison Information Network 4th Annual Conference, May 2009

- ..... Knowledge, Attitudes and Practices of Jamaican Physicians to Poison Management

The Medical Association of Jamaica Symposium '09; June 4-7, 2009; the Jamaica Pegasus Hotel.

- **Dundas S:** Recognizing the Physically Abused Child.
- **French S:** Approach to Patient with Multiple Trauma
- **Bruce C:** C1-C2 Fusion pros and cons and Technique Pearls for Fixation of the Lateral Mass, Pedicles, Lamina and Transarticular.
- **Bruce C:** C1-C2 Fusion Options and Techniques

Jamaica Operating Theatre Nurses League. Four Seasons Hotel, Kingston June 5, 2009.

- **Bruce C:** Osteobiology in cranial and spinal surgery

The Nurse Practitioners' Symposium, Altamont Court Hotel, July 1-3, 2009.

- **Barnett A:** Recognition of the Management of Shock
- **Plummer J:** Abdominal Emergencies
- **Bruce C:** Head and Spinal Injuries
- **Branday M:** Treatment of Burns

The Emergency Medical Technicians and Nurse Anaesthetists Meeting. Altamont Court Hotel, July 2009

- **Bruce C:** Intracranial pressures monitoring and management of head and spinal injury July 13, 2009 Sao Paulo , Brazil
- **Bruce C:** Medical Treatment in Severe Head Trauma

PUBLICATIONS

WIMJ = West Indian Medical Journal

Peer-Reviewed Journals

* **Williams-Johnson J, Williams EW, Hart N, Maycock C, Bullock K, Ramphal P:** Simultaneous Spontaneous Bilateral Pneumothorax in an Asthmatic (Case Report). *WIMJ.* November 2008; 57(5): 508-510

* **Branday JM, Carpenter RA:** The Evolution of undergraduate medical training at the University of the West Indies, 1948-2008. *WIMJ*, 2008;57(6):530-6

* **Brown HA,** Lawrence Wright MB, **Shah S,** Lawrence SG, Gilbert D, **Crandon I:** Prevalence of Carotid Stenosis in a High-Risk Caribbean Population. Stroke 2009 May; 40(5):1892-3. *Epub* 2009 Feb 26

* **Cawich SO,** Gardner M, Johnson P, Shetty R, Wolf KW: The clinical significance of an elongated styloid process. *Int J Fam Pract.* 2008; 6(1).

* Gossell-Williams M, Davis A, **Aiken W, Mayhew R:** Herbal Preparation use among patients with Benign Prostatic Hyperplasia attending a Urology Clinic in Jamaica, West Indies[Letter to Editor]. *WIMJ,* January 2008; 57(1): 75-76.

* Hariharan S, Pillai G, Chen D, **Soogrim S,** Nelson J, Tsoi-a-Fatt R et al: Utilization pattern and cost of sedation, analgesia and neuromuscular blockade in a multidisciplinary Intensive Care Unit. *WIMJ.* March 2008; 57(2): 112-117

* Harris OA, **Bruce CA,** Reid M, Cheeks R, Easley K, Surles MC, Pan Y, Rhoden-Salmon D, **Webster D, Crandon I.:** Examination of the management of traumatic brain injury in the developing and developed world: focus on resource utilization, protocols and practices that alter outcome. *J. Neurosurg.* 2008; 109: 433-438.

* **Rose REC,** Chang SM, Felix R, Adams P, **St. Juste S,** Fletcher C: Pudendal nerve palsy following static intramedullary nailing of the femur. *Internet Journal of Orthopaedics.* 2008; September Vol. 10 (1)

* **Cawich SO,** Arthurs M, **Plummer J, Harding H, Crandon IW, Williams E:** Validating Endoscopic Retrograde Cholangiopancreatography in Jamaica: A retrospective audit. *Int J Surg.* 2008; 16(1)

* **McFarlane MEC:** The role of surgeon specialization in Improving Patient Outcome: a challenge for the Caribbean (Viewpoint). *WIMJ*. November 2008; 57(5): 517-518

* **Cawich SO,** Arthurs M, **Plummer J, Mitchell DIG**, Murphy T, **Williams E, McFarlane MEC, Newnham MS, Brown H,** Frankson MAC: An Evaluation of Endoscopic Retrograde Cholangiopancreatography: The Importance of Case Volume in Improving Outcome. *Int J Third World Med*. 2009; 7(2).

* **Vaughan K,** Samms-Vaughan M: The Anatomy and Physiology of the Medical Class of 1982a. *WIMJ*. 2008; 57 (6): 621-626.

* **Cawich SO, Brown H, Martin A, Newnham M, Venugopal R, Williams EW:** Arteriovenous Fistulae as Vascular Access for Haemodialysis: The Preliminary Experience at the University Hospital of the West Indies. *Intern J Angiology*. 2009; 18(1): 29-32.

* **Williams EW, Williams-Johnson J, McDonald AH, French S, Hutson R,** Singh P et al: The evolution of Emergency Medicine in Jamaica. *WIMJ*. March 2008;57(2): 161-165

* **Cawich SO, Mitchell DI, Martin A, Brown H, DaCosta VE, Lewis T:** Management of Obstetric Anal Sphincter Injuries at the University Hospital of the West Indies. *WIMJ*. November 2008; 57(5): 482-485

* **Rose REC,** Byran-Frankson BA: Is there still a role for pulsed electromagnetic field in the treatment of delayed unions and non-unions. *Internet Journal of Orthopaedics*. 2008; September Vol. 10 (1)

* **Cawich SO, Crandon IW, Harding HE,** McLennon N: Clinical Presentations of Pituitary Adenomas at a University Hospital in Jamaica. *Int J Fam Prac*. 2009; 7(2).

* **East JM,** Valentine CS, Kanchev E, Blake GO: Sentinel lymph node biopsy for breast cancer using methylene blue dye

manifests a short learning curve among experienced surgeons- a prospective tabular cumulative sum (CUSUM) analysis. *BMC Surg.* 2009 27; 9:2

* **Cawich SO,** Gardner M, Shetty R, **Harding HE:** A Post Mortem Study of Elongated Styloid Processes in a Jamaican Population. *Internet Journal of Biological Anthropology* 2009; 3 (1).

* **Leake PA,** Coard K, **Plummer JM:** Plasmacytoma of the Pancreas – an uncommon cause of obstructive Jaundice: a case report. *J Med Case Reports* 2009, 3:8785

* **Cawich SO,** Gibson TN, **Mitchell DIG, Williams E, Newnham MS,** Simpson LK: Adult Intussusception from an Inflammatory Fibroid Polyp: A Case Report And Review Of The Literature. *Int J Pathol.* 2008; 7(1).

* Shirley SE, **Mitchell DIG l, Soares DP, James M**, Escoffery CT, **Rhoden AM** et al: Clinicopathologic features of breast disease in Jamaica: findings of the Jamaican Breast Disease Study, 2000-2002. *WIMJ.* March 2008;57(2): 90-94

* **Cawich SO,** Mathew AT, Mohanty SK, Huizinga WKJ: Laparoscopic Cholecystectomy: A Retrospective Audit from The Cayman Islands. *Int J Surg.* 2008; 15(1).

* **Scarlett MD, McGaw CD,** Aquart-Stewart A. Pulmonary Hypertension: A review of the pathobiological and pathophysiological effects. *Postgraduate Doctor*. www.postgraduatedoctor.com/content/view/29/43/

* **Cawich SO,** Mathew AT, Mohanty SK, Huizinga WKJ: Percutaneous Gastrostomy in the Cayman Islands. *Int J Gastroenterology.* 2008; 6 (2).

* **Bullock R & Soares D:** MRI findings of a likely sub-pubic cartilaginous cyst – an unusual cause of a vulval mass. BMJ 2009; (doi;10.1136\bcr.11.2008.1232)

* **Cawich SO,** Valentine C, Evans NR, **Harding HE, Crandon IW**: The Changing Demographics of Cocaine Body Packers in Jamaica. *Internet Journal of Forensic Science* 2009; 3 (2).

* **Cawich SO, Williams EW, Irvine R, Harding HE,** Isaacs M: Management of Spontaneous Pneumothorax in a Developing

Caribbean Nation: A Clinical Practice Audit. *Int J Pulmon Med.* 2009; 10(2).

* **Aiken W,** Gibson T, Williams S, Gaskin D: Leiomysarcoma of the kidney (case report). *WIMJ,* 2009;58(2)183-184

* **Crandon I, Harding H, Williams E, Cawich S, Williams-Johnson J**: Inter-hospital transfer of trauma patients in a developing country: A prospective descriptive study. *International Journal of Surgery,* Volume 6, Issue 5, Pages 387-391.

* **Crandon IW, Harding HE, Williams EW, Cawich SO, Williams-Johnson J:** Emergency Department Physician Training in Jamaica: A National Public Hospital Survey. *BMC Emerg Med.* 2008; 8(1): 11. Epub 2008 Oct 12.

* **East JM, Mitchell DIG:** Postoperative Nausea and Vomiting in Laparascopic versus Open Cholecystectomy at two Major Hospitals in Jamaica. *WIMJ,* 2009; 58(2)130-137

* **Leake, PE., Cawich, SO., McFarlane, M:** Gastro-pleural fistula – a rare complication of chronic traumatic diaphragmatic hernia. *Internet Journal of Surgery.* 2009 Volume 19 Number 1

* **McFarlane MEC, Plummer JM,** Simpson L, Roberts P,. Kirby X, Downes R, Antoine N.: Internal iliac artery aneurysm-colonic fistula: a rare cause of massive lower gastrointestinal bleeding: report of a case. *European Surgery Acta Chirurgica Austriaca.* 2009; 41(3): 129-131

* **McFarlane, Michael EC, Plummer, Joseph,** Patterson, Jacqueline, **Pencle, Franz:** Solid-Pseudopapillary tumour of the pancreas as a rare cause of gastric outlet obstruction: a case report. *Cases J.* 2008 Dec 4; 1(1): 374.

* **Palmer W, Crawford-Sykes A, Rose REC:** Donor Site Morbidity following Iliac Crest Bone Graft. *WIMJ.* November 2008;57(5): 490-492

* Paul TJ, **Branday J, Crawford-Sykes A, Williams E**, Beman D: The Administrative Challenge of New Curricula in Old Medical Schools. *UWI Quality Education Forum Volume* 15, January 2009 Pages 83-92

* **Plummer JM,** Gibson TN, **Mitchell DI,** Herbert J, Henry T: Emergency Subtotal Colectomy for Lower Gastrointestinal Hemorrhage: Over-utilised or Under-estimated?. *Int. Journal of Clinical Practice.* June 2009. 63, 6: 865-868.

* **Rose REC, Bullock R, Crawford-Sykes A, Adams P:** The Accuracy of MRI in the diagnosis of Knee Chondral Lesions. *Internet Journal of Orthopaedic Surgery* 2009; Vol. 12; No. 1.

* **Cawich SO, Harding HE,** Evans NR, **Crandon IW, Martin A**: Revisiting Current Strategies for Primary Prevention of Motorcycle Collisions in Jamaica. *J Injury Violence Res.* 2009; 1(1).

* **Cawich SO, Harding HE, Leake PA,** Arthurs M: Inflammatory Polyp as a Lead Point for Jejunal Intussusception. *Internet Journal of Surgery,* 2009; 18 (2).

* **Rose REC, Felix R, Crawford-Sykes A, Venugopal R,** Wharfe G and **Arscott G:** Extravasation Injuries. *WIMJ,* January 2008; 57(1): 40-47.

* S**carlett M, Isaacs MA,** Fredrick-Johnston S, Kulkarni S, McCaw-Binns, Fletcher A, H: Maternal mortality in patients admitted to an intensive care unit in Jamaica. *Int J Gynaecol Obstet.* 2009 May;105(2): 169-70. *Epub* 2009 Feb 5.

* **Cawich SO, Rose REC, Harding HE, Crandon IW, McDonald AH, Ferron-Boothe D:** Extremity Injuries From Motorcycle Road Traffic Accidents: The Experience From a Tertiary Referral Hospital in Jamaica. *Int J Emerg Med.* 2009; 5(1).

* **Scarlett M, McGaw C,** Aquart-Stewart A: Pulmonary Hypertension- a review of the aetiology, pathophysiology and management. *WIMJ*, 2009;58(2)153-159.

* **West W,** Chambers D, **Myint K, Cornwall D, Williams-Johnson J:** An assessment of clinical predictors of intra-cranial head injury identified by computed tomography scan. *WIMJ,* 2009; 58(2)149-152.

* **Crandon IW, Harding HE, Cawich SO, McDonald AH, Ferron-Boothe D:** Motorcycle accident injury profiles in Jamaica: An audit from the University Hospital of the West

Indies. *International Journal of Injury Control and Safety Promotion*. 2009; 16(3): 175-178.

Abstracts

* **Brown HA,** Lawrence Wright MB, Shah S, Lawrence SG, Gilbert DT, Crandon IW: Prevalence of carotid stenosis in a high-risk Caribbean population. *WIMJ*. April 2008; 57(Suppl 2): 50.

* **Vaughan HL:** Gardening-the stress buster. *WIMJ*. July 2008; 57(Suppl 3): 8.

* **Mowatt L,** Sardar J, Matthews T: Sponge anaesthesia for subjunctival antibiotic/steroid injection after topical phacoemulsification surgery. *WIMJ*. July 2008; 57(Suppl 3): 13.

* **Vaughan HL:** Small incision cataract surgery – appropriate technique for the Caribbean. *WIMJ*. July 2008; 57(Suppl 3): 14.

* **Mowatt L:** Compliance with anti-glaucoma medication: a University Hospital of the West Indies Eye Clinic experience. *WIMJ*. July 2008; 57(Suppl 3): 16.

* Harvey L, **Mowatt L:** Choroidal melanoma in a black patient. *WIMJ*. July 2008; 57(Suppl 3): 17.

* **Mowatt L,** Tarin S, Price N: Effect of pre-operative macula height of macula off retinal detachment on visual outcome. *WIMJ*. July 2008;57(Suppl 3): 17.

* Chambers C, **Mowatt L:** Outcome of traumatic hyphemas at the University Hospital of the West Indies. *WIMJ*. July 2008;57(Suppl 3): 17-18.

* **Vaughan HL:** A simple screening test for schools. *WIMJ*. July 2008; 57(Suppl 3): 19.

* **Vaughan HL:** I show, you tell, we discuss (a medley of video presentations of unusual conditions). *WIMJ*. July 2008; 57(Suppl 3): 21.

* Stephen C, **Harding HE, Soogrim D,** Gordon-Strachan GM: An assessment of the level of knowledge and interpretive

skills of physicians at the University Hospital of the West Indies regarding arterial blood gas measurements. *WIMJ*, November 2008; 57 (Suppl.4): 20.

* Chang LPT, **Harding HE, Soogrim D, James B, Ehikametalor E,** Frankson MA, Gordon-Strachan GM: Interdisciplinary communication in the Intensive Care Unit at the University Hospital of the West Indies. *WIMJ*, November 2008; 57 (Suppl.4): 20

* McDonald S, **Harding HE,** James B, **Ehikametalor E, Scarlett MD:** Emergency surgical operations at the University Hospital of the West Indies: an evaluation of the factors affecting standard of care and outcome. *WIMJ*, November 2008; 57 (Suppl.4): 21

* Jefferson, DA **Harding HE,** Jackson-Gibson A: Postoperative analgesia in the Jamaican cannabis user. *WIMJ*, November 2008; 57 (Suppl.4): 21

* Patterson C, **Harding-Goldson HE,** James B: An assessment of the knowledge, attitudes and practices of physicians working in intensive care units in Kingston, Jamaica, towards death and brain stem testing. *WIMJ*, November 2008; 57 (Suppl.4): 22

* **Toppin PJ,** Nicholson A, **Harding HE, Soogrim D:** Central venous catheter-related infections in the Intensive Care Unit at the University Hospital of the West Indies. *WIMJ*, November 2008; 57 (Suppl.4): 22

* **Morrison B,** Madden W, **Aiken W:** The prevalence and determinants of priaprism in adult males with sickle cell disease. *WIMJ*, November 2008; 57 (Suppl.4): 25

* **West WM,** Sutherland NG: Extruded lumbar intervertebral discs on MRI – a five year review. *WIMJ*, November 2008; 57 (Suppl.4): 38.

* Pierre RB, Laws H, **Plummer J,** McCartney T, **McDonald AH:** The Caribbean Association of Medical Councils (CAMC) examination – precursor to a regional licensing examination. *WIMJ*, November 2008; 57 (Suppl.4): 42

* Chin V, **Harding HE, Tennant I, Soogrim D,** Gordon-Strachan GM, Frankson MA: Dynamics of antibiotic usage in the Intensive Care Unit at the University Hospital of the West Indies. *WIMJ,* November 2008; 57 (Suppl.4): 42

* **Tennant I, Augier R, Crawford-Sykes A,** Hambleton IR, Tha MW, **Harding HE:** Anaesthetic morbidity in a developing country: a prospective cross-sectional study from the University Hospital of the West Indies, Jamaica. *WIMJ,* November 2008; 57 (Suppl.4): 43.

* Nelson-Imoru J, **Mowatt L:** A study of patient compliance with ocular hypotensives. *WIMJ,* November 2008; 57 (Suppl.4): 43.

* Chambers C, **Mowatt L:** A study on the outcomes of traumatic hyphaema at the University Hospital of the West Indies. *WIMJ,* November 2008; 57 (Suppl.4): 44.

* **Morrison B, Aiken W**, Gordon-Strachan GM, Frankson MA: Biochemical progression post orchidectomy in Jamaican patients with prostate cancer. *WIMJ,* November 2008; 57 (Suppl.4): 45

* **Cawich SO, Williams E, Harding HE, Isaacs M:** Management of Spontaneous Pneumothorax in a Developing Caribbean Nation: *A Clinical Practice Audit. WIMJ*, 2008

* **Cawich SO,** Arthurs M, **Mitchell, Plummer JM,** Murphy T, **Harding HE, Williams EW** et al: Medical or surgical endoscopists for peg: Is there a difference? *WIMJ,* 2008 57 (Suppl 4): 47.

* **Cawich SO, Valentine C, Isaacs MS, Harding HE, Crandon IW**. "Internal Concealment of Cocaine: Demographics in Western Jamaica." *WIMJ,* 2008

* **Cawich SO, Crandon IW, Harding HE,** Frankson MAC, **McLennon N, McDonald AH, Ferron-Boothe D, Meeks-Aitken N, Watson-Jones K:** Protective headgear utilization and traumatic brain injuries from motorcycle accidents. *WIMJ,* 2009; 58(2): 29

* **Cawich SO,** Iheonunekwu N, Hendricks F, Hoeksema G, van Hanswijck de Jonge L, Frankson MAC, **Harding HE:**

Vascular access operations for dialysis in the Cayman Islands: Results of a pilot study. *WIMJ,* 2009; 58(2): 63

* **Cawich SO, Williams EW, Harding HE, Isaacs M, Irvine R**: Spontaneous pneumothorax: Epidemiologic patterns in Kingston, Jamaica. *WIMJ,* 2009;58(2): 63

* Eyre SA, **Vaughan KD,** Boyne MS, Ferguson TS, Younger NO, Tulloch-Reid MK, Jackson MD, Samms-Vaughan ME, Wilks RJ: The Distribution and Correlates of Bone Mineral Density in Jamaican Young Adults. *Journal of Clinical Densitometry* 2009: 11 (3) 457.

INCOME GENERATION

Paediatric Surgery	–	$ 370,000.00
Clinical Research Meeting	–	$ 40,000.00
Burn Unit	–	$1,000,000.00
UWI Caribbean Neuroscience Symposium	–	$1,056,794.52
Consultancy income	–	$3,349,989.66
Urology	–	$1,300,000.00
Total:	**–**	**J$7,116,784.18**

RESEARCH GRANTS

Bruce, C: Prospective, Multi-Centre Clinical Study of the Clinical Performance of Dura Tech Dura Substitute #3607

Study sponsor - Osteotech, Inc New Jersey, USA – **US$ 50,000.00**

Crandon I, Harding H, Mitchell D & Ferron-Boothe D: 3M Study 05-011097 - A prospective randomized trial performance of a 3M investigational bordered transparent film dressing to a commercially-available bordered transparent firm dressing when worn on central venous catheter sites of hospitalized patients.

3M Company, Minnesota, USA **US$ 9,120.00**

Wayne State University again provided a research grant to five residents to visit that institution, making a total of nine residents who have benefitted from this experience. **US$5,000.00**

Morrison B, Aiken W: The effect of Zinc supplementation and synthetic testosterone on hypogonadism in adult male patients with sickle cell disease.New Initiative Grant (UWI): **J$1,479, 000.00**

Grindley, B: Cancer Prevalence in Jamaica by Parish.
New Initiative Grant (UWI) **J$850,000.00**

Donations

The following donations were received by the Division of Accident & Emergency Medicine:

Two computers from LIME Jamaica Ltd.

One computer donated by the bank of Jamaica

One multi-media projector donated by the Caledonia outdoor advertising agency

Cash donation from a grateful family

Six five ton air-conditioning units donated by Scotiabank Jamaica.

10 wheel chairs from the Rotary Club of Downtown Kingston at a nominal fee.

Multimedia projector from the OK Coral Group.

PUBLIC SERVICE

Prof. Ivor Crandon

- Member, Appeal Panel of the Jamaican Anti Doping Commission, Ministry of Local Government, Community Development & Sports
- Medical Advisor to Board, Medecus Insurance Co
- Member, Jamaica Cricket 2007 Medical Directorate & Medical, Health and Anti- Doping Committee

- Trustee, Mona Investment Trust Club
- Chairman, Intensive Care Unit/Operating Theatre Committee

Dr. Michael McFarlane

- Honorary Consultant, Jamaica Cancer Society
- Member, Board, Jamaica Cancer Society
- Examiner in Surgery, Caribbean Medical Council
- Vice-President American College of Surgeons (Jamaica Chapter)

Dr William Aiken

- Member of Steering Committee of National Institute of Health, New York, USA, U54 project.
- Convener/Secretary of the Mona Investment Trust Club
- Consultant, Prostate Cancer Screening Clinic, Jamaica Cancer Society
- Convener, Doctors on Stage for Cancer

Dr Christopher Rose

- Vice- President Jamaica Association of Sports Medicine.
- Consultant, National Sports Medicine Clinic.
- Chairperson, Educational Committee JASM
- Consultant, Jamaica National Football Team & to many National Premier League Football teams

Dr Derek Mitchell

- Treasurer, Jamaican Chapter, American College of Surgeons.
- Treasurer, Advanced Trauma Life Support, Jamaica
- Consultant, Breast Cancer Screening Clinic, Jamaica Cancer Society

Dr. Rajeev Venugopal

- Volunteer Physician for Jamaica Football Federation
- Art Director for Mehefil (Indian Cultural Show)

Dr. Lizette Mowatt

- Vice President, Ophthalmological Society of the West Indies (OSWI)

Dr. Hyacinth Harding-Goldson

- Member, Intensive Care Unit/Operating Theatre Committee
- Examiner, Jamaica School of Nurse Anaesthetists
- Participant Caribbean Woman Expo (The Caribbean Events Group)
- Participant Sigma Corporate Run for charity

Dr. Marinna Scarlett

- Chairman, Policies & Procedures Audit Committee, UHWI
- Dr. Melody Isaacs
- President, Jamaica Anaesthetists' Association

Dr. Dave McGaw

- Treasurer, Caribbean Cardiology Society

Dr Sundeep Shah

- Vice President, The Jamaican Association of Radiologists

Dr. Jean Williams-Johnson

- Medical Director, Accident & Emergency Unit, UHWI
- Secretary, Management Committee, Caribbean Poison Information Centre
- Member, Executive Committee, Jamaica Association of Sports Medicine
- Volunteer service as Team Physician to several local sports meetings
- Chairman, Advisory Committee, Accident and Emergency Medicine

Dr. P. Singh

- Deputy Director, Accident & Emergency Unit, UHWI
- President, Jamaica Association of Sports Medicine
- Volunteer service as Team Physician to several local sports meetings

– Team Physician, Jamaica Netball Team

Dr. Rhonda Hutson

– Sexual assault Investigator, Centre for Investigation of Sexual Offences and Child Abuse (CISOCA)

Dr. Simone French

– President, Jamaica Emergency Medicine Association

Dr. Eric Williams

– Volunteer doctor, Jamaica National Children's Home

HONOURS and AWARDS

Vice Chancellor's Award for Excellence in teaching (Medicine & Humanities)

- Dr. M.D. Scarlett
- Dr. R. Augier
- Dr. J. Minott
- Dr. A. Williams

Vice Chancellor's Award for Excellence in teaching (Emergency Medicine)

- Dr S. French
- Dr. N. Hart
- Dr. R. Hutson
- Dr. P. Singh
- Dr. J. Williams-Johnson
- Dr. E. Williams

INFORMATION ON STUDENTS

Undergraduate

Year 1	–	273
Year 2	–	190
Year 3	–	174

Year 4	–	105
Year 5	–	129

MB BS May/ June 2009

Number of candidates - 114 (1 second attempt)

Number of passes - 104

Number of honours - 10

MB BS November/December 2008

Number of candidates - 9 (5 - Mona; 4 Bahamas)

Number of passes Mona - 2

Number of passes Bahamas - 2

Postgraduate

The Graduate programmes of the Department have 118 students in its various disciplines: 25 in General Surgery, 19 in Orthopaedics, 7 in Urology, 8 in Otorhinolaryngology, 6 in Neurosurgery, 3 in Cardiothoracic Surgery, 12 in Ophthalmology, 16 in Accident & Emergency Medicine, 17 in Radiology, and 21 in Anaesthesia & Intensive Care.

DM Part I

Physiology	- 12/13 candidates were successful
Anatomy	- 11/13 Candidates were successful
Principles of Surgery	- 11/13 Candidates were successful
Pathology	- 12/13 Candidates were successful

The following students were awarded DM degrees:

Patrick Roberts	-	DM General Surgery
Leo Paul Powell	-	DM General Surgery
Carlos Wilson	-	DM General Surgery
Patricia McLean	-	DM General Surgery
Warren Chin	-	DM Urology
Kimani White	-	DM Orthopaedics
Adrian Coye	-	DM Cardiothoracic Surgery

Sherard Little	-	DM Cardiothoracic Surgery
Marsha James	-	DM Otorhinolaryngology
Marian Allison-Vaughn	-	DM Radiology
Donald Ellis	-	DM Radiology
Raquel Reid-Stultz	-	DM Radiology
Alistair McBean	-	DM Radiology
Suzanne McDonald	-	DM Anae.& Intensive Care
Lisa Chang	-	DM Anae. & Intensive Care
Vannessa Chin	-	DM Anae. & Intensive Care
Karen Lewis	-	DM Emergency Medicine
Denise Braithwaite	-	DM Emergency Medicine
Romayne Edwards	-	DM Emergency Medicine
Khalilah Bullock	-	DM Emergency Medicine

Fellowships

P.J. Toppin - Cardiac Anaesthesia & Cardiac Intensive Care, University of Toronto

Vannessa Chin – Paediatric Intensive Care & Cardiac Anaesthesia, University of Toronto

Christine Stephen - Adult Intensive Care, University of Toronto

Pierre Anthony Leake – Minimally Invasive Surgery, St. Joseph's, Toronto.

Patrick Roberts – Surgical Oncology and Hepatobiliary Surgery, University of Toronto

Prizes Awarded:

Stephanie Lyew (Mona): Aubrey McFarlane Prize:

(Awarded to the student with the best overall performance in Surgery in the May/June Final MBBS Examinations at the Mona Campuses).

Clive Goulbourne (Mona): Chin Yee Prize:

(Awarded to the student with the best aggregate in the end of clerkship MCQ exams in Orthopaedics, Ophthalmology, Otorhinolaryngology and Anaesthesia & Intensive Care).

THE UWI SCHOOL OF NURSING, MONA

Hermi H. Hewitt, OD, PhD, RN, RM – Head of Department

HIGHLIGHTS OF THE WORK IN THE SCHOOL

The School had an exciting and challenging year. The expanded building of the School was handed over December 18, 2008, allowing students and staff to commence occupation January 28, 2009. The improved facilities enabled a general assembly of undergraduate and graduate students at the start of Semester 2. The improved facilities have been furnished with state-of-the-art teaching-learning simulators that enable self-learning and the opportunity to participate in and experience virtual laboratory procedures. Although the teaching-learning environment has been greatly enhanced, there is still outstanding work pending and challenges related to security of the building against theft and natural disaster. Planned curricular activities were accomplished such as the development of a new clinical nursing specialty and new graduate courses.

The Head was the recipient of the Vice Chancellor's Award for Excellence and was also named as the first Nurse in the Caribbean to be selected to be a member of the internationally acclaimed Fellow of the American Academy of Nursing (FAAN). The large population of students, yearlong teaching and finding the right synergies between teaching and research, remains challenging. The search for competent and effective senior administrative assistance for the School continues.

Despite the challenges, eight (8) academic staff members were provided scholarships or funding to attend research capacity building activities through projects currently being conducted at the UWISON. Recipients were: Mrs. Cerese Hepburn-Brown, Miss Deon Simpson and Dr. Norman Waldron attended research intervention training at New York University and University of Pennsylvania under the auspices of

the RCT study "Jamaica Mother-Daughter HIV Risk Reduction" in collaboration with the New York University, University of Pennsylvania and UWISON, funded by the National Institutes of Health. Mesdames Joyette Aiken, Uki Atkinson and Pauline Dawkins participated in the research internship programme in Nairobi, Kenya, through the programme of research on "Strengthening Nurses' Capacity for HIV policy development in Sub-Saharan Africa and the Caribbean 2007-2011", funded by the International Development Research Center (IDRC) through the Teasdale-Corti Global Health Research Partnership Program, collaboratively with the University of Ottawa, the Great Lakes University of Kisumu, Kenya and the University of the West Indies). Mrs. Dawn Dover-Roberts and Mrs. Tania Rae participated in the Research Internship at the University of Ottawa and Mrs. Tania Rae received a scholarship to participate in evaluation research training at Carlton University, Ottawa, Canada.

Members of the Administrative Staff have been supported to meet the changing needs of the School. Miss Bettene Ross was IRB certified enabling her to be a Research Assistant in a NIH funded project. Mrs. Winsome Thomas who completed an undergraduate degree is completing qualifying courses to pursue graduate studies. She was assigned overall responsibilities for administrative matters related to undergraduate students, assisted by Mrs. Betty-Ann Foreman and Miss Celecia Lennon. Mrs. Carren Blake commenced courses towards an undergraduate degree, while Misses Ross and Lennon are pursuing undergraduate degrees. All administrative staff express intention and will be supported to be further qualified in the next academic year.

The School hosted its annual International Nursing/Midwifery Research Conference attracting scholars from the University of Pittsburgh, Yale University, University of Guyana, University of Cork, International University of Nursing, University of Pennsylvania and St. Augustine, UWI. Dr Jean Yan, Chief Scientist Nursing and Midwifery, World Health Organization, officially launched the School as a PAHO/WHO Collaborating Centre for Nursing and Midwifery Development in the Caribbean. Dr Sylvinia Malvarez, PAHO Regional Director, Washington and Country Representative Dr. Ernest Pate also participated.

The UWISON shared with the G. Raymond Chang School of Continuing Education and the Daphne Cockwell School of Nursing at Ryerson University the Canadian Network for Innovation in Education

Award of Excellence and Innovation in Partnership/ Collaboration, May 12, 2009. This event was publicized in both the Canadian and the local news media. The School was represented at the: Pan American Network of Nursing and Midwifery Collaborating Centres (PANMCC) Washington DC, September 29-30 2008; 20th Quadrennial Congress of the International Council of Nurses, Durban, South Africa, June 29 – July 3, 2009; External Quality Review of the School of Advanced Nursing Education at the St. Augustine Campus, UWI, October 2008; CARICOM/Regional Nursing Body (RNB) Executive, Education and Practice Committees January 28-30, 2009 and the RNB Annual General Meeting June 13-17, 2009 hosted by the Governments of Jamaica and St. Lucia respectively. A reception was hosted at the School for Dr. Dame Karlene Davis a noted midwife who received an honorary degree from the UWI, Mona Campus, November 9, 2008.

The School hosted the following meetings: School Advisory Meeting, November 26, 2008; Clinical Field Agency Breakfast meeting for Preceptors and Associate Lecturers September 18, 2008; three student-staff liaison socials; two Student-Staff liaison meetings; and monthly research colloquium. The partnership developed between Duke University School of Nursing (DUSON) and the UWISON spearheaded the signing of a Memorandum of Understanding (MOU) between Duke University and the UWI January 22, 2009 at the International Global Conference. Consequently, by invitation, the Head was in attendance at the signing of the MOU by the UWI Vice Chancellor during the International Global Health Conference at which the UWI Chancellor gave the feature address. Two students from DUSON gained their teaching residency experience at UWISON during the month of February 2009. Dr Loretta Jemmott, University of Pennsylvania and Dr. Katherine Hutchinson, New York University presented research seminars for academic staff on "Theory testing in research" and "Sourcing international funds for projects" respectively.

PAPERS PRESENTED

- **Aiken, J.** "Post-RN Education for Operating Room Nurses at the University Hospital of the West Indies", 56th Congress of the Association of peri-Operative Registered Nurses (AORN), in Chicago, Illinois March 14-19, 2009.
- **Atkinson, U.** "Strengthening nurses' capacity for HIV policy development in Sub-Saharan Africa and the Caribbean:

Progress, Successes, Challenges and Opportunities", Annual Nursing Midwifery Conference, May 29, 2009.

- **Barton-Gooden, A.** "People living with HIV/AIDS: Perception of nursing care during hospitalization" 20th Nursing and Midwifery Research Conference and 21st Mary J. Seivwright Day, on May 28, 2009.
- **Bennett, J.** on "Delivering Race Equality in Mental Health: Progress and Challenges" National Health Services Annual Mental Health Conference, Derby, United Kingdom, November 12, 2008.
- **Dover-Roberts, D.** "The International Research Internship Program for Nurses" Annual Nursing Midwifery Conference, May 29, 2009.
- **Hewitt, H.** "Nursing and nursing education in the Caribbean: Challenges and Triumphs" at Duke University School of Nursing , Durham, North Carolina, September 10-12, 2008.
- "Analysis of Geriatric-Curricula in Academic nursing Programs: Implication for Nursing Workforce Development" Jolly Beach Hotel, Antigua, October 13-16, 2008.
- "Many Roles, one profession" Sigma College of Nursing & Applied Sciences Graduation, November 28, 2008.
- "Curriculum Development Workshop to transition Associate Nursing degree to BSN" Health Science Division, Clarence Fitzroy Bryant College, St Christopher/Nevis, March 9-13, 2009.
- **Kahwa, E.** "The prevalence of asthma and allergies among adults in Jamaica" at the Annual Faculty of Medical Sciences Research Conference, the University Hospital, November 13, 2009.
- "Bronchial Asthma in the Elderly" Advancements in Medicine Conference at the Sunset Jamaica Grande, Ocho Rios, February 27, 2009 also at the Annual Nursing and Midwifery Research Conference May 28, 2009.
- "Supporting African and Caribbean nurses to lead health systems strengthening and policy change in HIV and AIDS

(2007-2011)". International Council of Nurses Congress, Durban, South Africa July 3, 2009.

- **Lindo, J.** Caribbean Health Research Conference in St. Lucia; April 23-25, 2009. "An evaluation of health status of employees in Kingston, Jamaica: a case for a national workplace health promotion policy"; "Periodontal Disease".
- "Low birth weight in babies in Kingston, Jamaica". Annual Nursing/Midwifery Conference, May 28, 2009.
- **Rae, T.** "Gathering speed and taking flight" Annual Nursing Midwifery Research Conference May 29, 2009.
- **Waldron, N.** "The prevalence of asthma and allergies among children in Jamaica", Faculty of Medical Sciences Annual Research Conference, November 13, 2008.
- **Wint, Y.** "Trigger Factors in Bronchial Asthma in Jamaica" Advancements in Medicine Conference at the Sunset Jamaica Grande, Ocho Rios, February 27, 2009.

PUBLICATIONS

Refereed Journals

* **Bennett, J.,** Keating, F. (2008) Training to redress inequalities in mental health care: Race equality or cultural competence? *Journal of Equalities in Health and Social Care,* 8(1), pp 50-57.

* N Edwards, J Webber, J Mill, **E Kahwa**, Susan Roelofs. (2009) "Building Capacity for Nurse-led Research." *International Nursing Review,* 56, 88-94.

* **Kahwa E,** Younger N, **Waldron N, Wint Y,** Knight- Madden J, Bailey K, Hewitt H, Talabere L. "The Jamaica Asthma and Allergies National Prevalence Study". UWI, National Health Fund (NHF), CHASE Fund, Ministry of Health, and Jamaica. Technical Report, September 2008 (238 pages).

* **Bennett, J** (2009). "Black and Minority Ethnic Issues", In *Mental Health from Policy to Practice,* (eds.) Brooker, C & Repper, J Churchill Livingstone, Elsevier Ltd, London, New York, pp. 57-69.

* **Bennett. J.,** Kalathil. J., Keating. F. (2009). "Race Equality Training in the UK: A historical overview", In *Mental Health in a Multi-Ethnic Society,* (eds.) Fernando, S & Keating, F, Routledge, East Sussex, USA & Canada, pp. 72-83.

Abstracts

* **Aiken, J**. Post RN-Education for OR Nurses at the University Hospital of the West Indies. *AORN Journal* 89 (6). (June 2009), 1062.

* **Barton-Gooden, A.,** Burrell-Anderson, W., Hines-Berry, C., Larmond, T., Lawrence-Anderson, J., Jackson-Scarlett, B., Walters, D., **Kahwa, E.,** Bonaparte, B. & **Hewitt, H.** (2009). "People Living with HIV/AIDS: Perceptions of nursing care during Hospitalization" *The Caribbean Journal of Nursing and Midwifery* 4: 31.

* **E. Kahwa, N.Waldron,** N.Younger, **Y. Wint,** K. Bailey, J. Knight Madden, L. Talabere, H. Hewitt, N. Edwards, G. Gordon-Strachan, K. Lewis-Bell. (2009). "The prevalence of asthma and allergies among the elderly in Jamaica". *The Caribbean Journal of Nursing and Midwifery* 4:31-32.

* **E. Kahwa,** N. Younger, **N.Waldron, Y. Wint,** J. Knight Madden, K. Bailey, L. Talabere, **H. Hewitt,** N. Edwards, G. Gordon-Strachan K. Lewis-Bell. (2008). "The prevalence of asthma and allergies among adults in Jamaica." *West Indian Med J,* 57(Suppl.4): 26-27.

* **E. Kahwa, N.Waldron,** N.Younger, Y. Wint, , K. Bailey, J. Knight Madden, L. Talabere, **H. Hewitt,** N. Edwards, G. Gordon-Strachan, K. Lewis-Bell. (2008) "The prevalence of asthma and allergies among children in Jamaica." *West Indian Med J,* 57(Suppl.4): 34.

* **Hepburn-Brown, C., Rae, T., Dover-Roberts, D., Kahwa, E.,** Edwards, N. & Roelofs, S. (2009). "The international research internship program for nurses." *The Caribbean Journal of Nursing and Midwifery,* 4, 35.

* **Atkinson, U.,** Grundy, Q., Harrowing, J.N., **Hepburn-Brown, C.**, Mill, J. E., Minnie, K., Owino, J., Rae, T. &

Ritcher, M.S. (2009). "Gathering speed and taking flight" *The Caribbean Journal of Nursing and Midwifery*, 4, 34.

* **Kahwa, E., Atkinson, U., Rae, T., Hepburn-Brown, C., Dawkins, P., Aiken, J.,** Edwards, N., Mill, J., Webber, J., Kaseje, D., Roelofs, S., Koppler, H. & Walusimbi, M. (2009). "Implementing an international program of research: Strengthening nurses' capacity for HIV policy development in Sub-Saharan Africa and the Caribbean". Progress, Successes, Challenges and opportunities: *Caribbean Journal of Nursing and Midwifery,* 4, 35-36.

* Wilson, M., **Bennett, J & Green, R.** Sexual dysfunction in a diabetic woman: The lived experience: *Caribbean Journal of Nursing and Midwifery,* 4, 36.

PUBLIC SERVICE

Dover-Roberts, D.

– Chairman, Advisory Committee at a home for the aged in the Richmond Park district.

Hewitt, H.

– Member, University Hospital Board;

– Member, University Hospital Nursing Advisory Committee;

– Executive Board Member, Nursing Council Biennial Committee;

– Member, International Academic Nursing Alliance;

– Member, Faydene Methodist Home for the Elderly Management Committee.

Lopez, S.

– Board Member, Heart Foundation of Jamaica.

Lindo, J.

– Member, Kiwanis Club of New Kingston;

– Consultant, Ministry of Health on "Adherence to Anti-retroviral Therapy (ART) among Persons Living with HIV/AIDS in Jamaica".

Rae, T.

– Member, Rotary Club

Weaver, S.

– Member, Lions Club.

Student Population

Category of Students	New	Returning		Total
	Year 1	Year 2	Year 3	
BSN (generic) Mona Campus	148	111	107	366
BScN (generic) franchised at EXED	63	63	53	179
BScN (generic) franchised at Brown's Town Community College	33	35	34	102
BScN (generic) franchised at Knox Community College	27	28	22	77
Sub-TotalBScN (generic)	271	237	216	724
BScN (post RN)	11	7	–	18
BScN (post RN) online delivery	95	98	66	259
Grand Total Undergraduates	**377**	**342**	**282**	1001

Postgraduate Students

The MScN student population is as follows:

Category of Students	Full-time	Part-time	Total	Grad. Nov. '09
MScN (Nursing Admin; Nursing Edu.)	28	4	32	18
MScN (Family Nurse Practitioner; Mental Health/Psychiatric Nurse Practitioner; Clinical Nurse Specialist)	25	–	25	12
Total Postgrad. Students	**53**	**4**	**57**	**30**

Student Achievement

Of the eighty BScN students from The UWISON who were eligible to take the Regional Examination for Nurse Registration (RENR) in October 2008, 74 were taking it for the first time. Of the 74 students 69 (96%) passed the RENR, a few passing at the second sitting. All are

currently practicing as registered nurses. Of the 28 students sitting the RENR exam in April, 24 (86%) passed. Mrs. Sandra Roswell, 1st Class Honour student and a member of the graduating class 2008 was one of the Valedictorian nominees for the UWI Ceremony. Based on her continuous clinical and academic excellence throughout the 9 semesters as a student, she was invited to join the staff as a Teaching Assistant.

The School's 3rd Awards Ceremony was held March 26, 2009 in the Nursing Lecture Theatre. Students were awarded stripes for satisfactory clinical skills, theory application and professional attitudes. Students displaying outstanding knowledge, skills and attitudes were given special awards and certificates.

Ms. Anthonette Patterson, MScN student majoring in Nursing Education, was named the NAJ/Lasco National Nurse of the Year, 2009-2010.

Ms. Marceen May and Jodian Stewart participated in the Eastern Caribbean First Year experience programme (FYE) May 18-28, 2009. Kerine Campbell participated in the FYE May 28-June 8, 2009. Make-up tutorials were facilitated by course teachers for scheduled courses that they missed during this period. Kayandri Williams, 1st year student showed leadership potential by her involvement in Irvine Hall as Sports representative for her Block, Member, External Affairs Committee, Volunteer, OSS (Office of Students who are disabled), plays Badmington, Football and Table Tennis for her Hall and for the UWI. She has been given a holiday job at UWISON. Ms. Shawnette Kerr and Jodian Stewart participated in the UWI games at St. Augustine, May 20-29, 2009.

Scholarships and Bursaries:

Two new Bursaries were awarded in November 2008 through the UWISON Endowment Fund established 2006: Miss Alethia Francis and Miss Shalanda Henry received the UHWI/Canadian Nurses Association Bursaries and Miss Kameel Abdul Kareem received the Syringa Marshall Burnett Bursary. Mrs. Peta-Gaye Annike received the first Dr. Barry Wint Scholarship and Miss Melissa Williams, 2nd year nursing student received the 2008-2009 IGL Legacy Scholarship. An article on Miss Williams was featured in the Jamaican Observer highlighting her continued excellent performance as an inner city

youth. Miss Yanique Thomas was crowned Miss St. Thomas Festival Queen 2008 and Miss Elise Barnett was crowned Miss St. Mary Festival Queen 2008.

Social Events for students

Three social events were held for undergraduate and graduate students. These were: staff-student luncheons for undergraduate and postgraduate students and a special luncheon for undergraduate students participating in the Annual Nursing Midwifery Research Conference.

Faculty of Medical Sciences Dean's List

Claire Baker, Ava-Loy Bennette, Ruth Edwards, Alethia Francis, Allecia Spence and Melissa Williams were admitted to the Dean's List.

Faculty of Medical Sciences Honor Society: BScN students Claire Baker, Ava-Loy Bennette, Ruth Edwards and Melissa Walker were admitted to the Faculty of Medical Sciences Honour Society.