

FACULTY OF MEDICAL SCIENCES

MONA

Year ending July 31, 2010



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

Overview

The emphasis in the Faculty of Medical Sciences this year, was on improving facilities for students on the Mona Campus as well as at the other clinical training sites. Work commenced on the Basic Medical Sciences Complex and the refurbishing of the Departments of Pathology and Microbiology. Student facilities such as computer laboratories, libraries, leisure areas and call rooms were put in place at the Kingston Public Hospital and the Cornwall Regional Hospital. The Mandeville Regional Hospital was accredited for clinical rotations and work has commenced on upgrading student facilities.

Student enrolment continued its upward trend and there was a significant increase in the number of students admitted to the flagship MB BS Programme. The increase resulted from a greater demand for places and requests from the regional governments for more of their students to be admitted to this programme. The number of first class honours and straight A students applying to the programme has also increased. The Nursing Council of Jamaica limited the enrolment of students in the Bachelor of Nursing Programme to 100 annually thus thwarting the attempts to increase enrolment in this nationally important programme.

The unsatisfactory state of the University Hospital continued to be a major challenge for the Faculty. Preparation of a business plan aimed at improving conditions at the hospital was completed and the UWI leadership presented the plan to the regional governments. The plan calls for a greater involvement of the UWI in the management of the hospital and a restructuring of its funding arrangements. Discussions on the commercialization of Pathology and Microbiology continued throughout the year and improvements in the management of these departments

should become apparent in the coming year with the acquisition of a Laboratory Information System and the employment of a Business Manager.

To keep track of the increased enrolment, the Faculty's staff complement was extensively reviewed, resulting in an increase in the number of Associate Lecturers to approximately 220. Plans were also made to regularize the employment of persons currently serving on temporary contracts, while an effort was made to ensure that persons employed on a full time basis were performing at optimal levels.

Student Enrollment and Access

Table 1 below compares undergraduate enrolment for the academic year 2009/2010 with the previous year and shows a 10 percent increase.

Table 1

Undergraduate Student Enrolment in the Faculty of Medical Sciences 2009/2010 vs 2008/2009

Programme	Major & Minor	No. of Students 2009/2010	No. of Students 2008/2009
BBMedSci	Anatomy	5	1
	Biochemistry	1	1
	Pharmacology	43	32
	Physiology	4	1
	Year 1 students	32	41
	Subtotal	85	76
BSc	Nursing (Post RN)	11	18
	Nursing (generic)	817	726
	Online delivery	366	323
	Physical Therapy	118	83
	Diagnostic Imaging	77	77
	Subtotal	1389	1227

MBBS	Bachelor of Medicine & Surgery	909	766
	Total	2298	2068

Student Achievements

The faculty graduated 518 Undergraduate students in the Academic Year 2008/2009. This represents a 41 percent increase over the previous year and was due to an increase in the number of graduates from the Nursing Programmes.

MB, BS	124
BSc. Nursing (generic)	268
BSc. Nursing (Post RN)	81
BSc. Physical Therapy	28
BBMedsci	1

Table 2

MBBS Examination Results

The MBBS Examination for academic year 2009/10

	Pass	Honours	Distinction	Fail
Medicine (MD500)	107	–	–	19
Surgery (SU500)	105	8	–	9
Obstetrics & Gynaecology (OG500)	010	7	10	2

Medals and Prizes Awarded

The following students were awarded prizes in the final MB BS Examinations for Academic Year 2009/2010:

Overall Clinical Medal:	– David Walcott
Medicine & Therapeutics Medal Obstetrics & Gynaecology Medal:	– Jonathan Ho David Walcott Sonya Reid
Pathology/Microbiology Medal:	– Heidi-Anne Hanson
Medical Association of Jamaica Insurance Fund Prize in Obstetrics and Gynaecology:	– Sonya Reid
Allenbury Prize in Medicine:	– Jonathan Ho Luke Foster
Professor Owen Morgan Prize:	– Jonathan Ho David Walcott
Dr. Aubrey McFarlane Bursary:	– David Walcott
Dr. The Hon. John Hall Prize:	– Asana Anderson Deon Flemming Luke Foster Gail Lewis David Walcott

Research

The Faculty continued its emphasis on capacity building in research through strengthening the role of the Research Resource Centre and the establishment of a research fellowship programme with the TMRI. To date four academic staff members have benefitted from this programme.

In respect of publications, the Faculty had 236 peer-reviewed publications during the year, representing a per capita publication rate of 1.2. Thus despite excellent work by several colleagues the Faculty's research output is still unsatisfactory.

Table 3**Publications per Department**

Department	Publications 2008-2009	Publications 2009-2010	Conference Presentations 2008-2009	Conference Presentations 2009-2010
UWI School of Nursing	4	5	13	10
Basic Medical Sciences	34	39	11	26
Community Health & Psychiatry	36	34	54	33
Medicine	13	24	45	52
Obstetrics, Gynaecology & Child Health	47	35	43	10
Pathology	18	13	19	22
Microbiology	12	11	5	–
Surgery, Radiology, Anaesthesia & Intensive Care	50	38	74	51
TMRU/Sickle Cell Unit	47	48	–	–
Total	248	236	214	

Research Awards

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

- **Michael Boyne, Carolyn Taylor-Bryan, Franklyn Bennett, Tamika Royal Thomas, Rainford Wilks, Terrence Forrester** and collaborators – “The association of hypothalamic-pituitary-adrenal axis activity and blood pressure in an Afro-Caribbean population, *Psychoneuroendocrinology*. 2009;34:736-42
- **Jeffery East, Christopher Valentine, Garfield Blake** and collaborator – “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 Surgery*, 9:2 (27 January 2009)

- **Cliff Riley, Andrew Wheatley, Helen Asemota** and collaborators – “The interplay between yam (*Dioscorea* sp) starch botanical source, micromeritics and functionality in paracetamol granules for reconstitution”, *European Journal of Pharmaceutics and Biopharmaceutics*, 2008;70, 326-334.

The most outstanding researchers were:

- **Professor Terrence Forrester**, the Director of the Tropical Medicine.

Professor Forrester’s principal research priority during the year Aug 1, 2008- July 31, 2009 was the elucidation of the mechanisms, which underlie the increased risk of obesity and cardio metabolic disease in populations from poor societies with a history of chronic under nutrition. During the period he published 14 research manuscripts; 13 of which appeared in internationally recognized journals while the remaining one was published in the University’s *West Indian Medical Journal*.

- **Dr Donovan McGrowder**, a Senior Lecturer in the Department of Pathology and Consultant Chemical Pathologist at the University Hospital of the West Indies.

Dr McGrowder and colleagues in the Department of Haematology, Research & Development and Anaesthetics at Royal Brompton Hospital London, carried out studies examining postoperative bleeding and the accompanying increased risk of morbidity and mortality. He and colleagues at the Department of Clinical Biochemistry at the Royal Brompton Hospital, London have also focused on diagnosing iron deficiency in patients with medical problems - such as infection, inflammation and malignancy, which generally make the diagnosis difficult.

The selection in the category **“The Project Attracting the Most Research Funds”** was: “Creation of a Caribbean Health Leadership Institute”, managed by Professor Brendan Bain. The project attracted US\$2,884,108.00 over five years, and was funded by the United States Centre for Disease Control Prevention.

The final category – **The Research Project with the Greatest Business/Economic/Development Impact** saw the award going to the project entitled “Impact of Jamaica National Building Society’s Micro-Credit Programme on Health and Development in Jamaica”, managed by Terence Forrester, Claremont Kirton, Georgia McLeod, Georgiana Gordon-Strachan and Colette Cunningham-Myrie.

Research Grants

The Faculty attracted approximately US \$2,607,881 in research grants during the year, details of which appear in the individual departmental reports.

Graduate Studies

The Faculty devoted much effort to designing new programmes and gaining approval for their launch. The MSc Programme in Gerontological Nursing began this year while plans are in place for the following programmes to be launched during the 2010/2011 academic year:

- The MSc in Forensic Sciences
- Clinical Fellowship in Nephrology
- Clinical Fellowship in Child and Youth Psychiatry
- Diploma in Family Medicine.

An unprecedented five candidates were registered in the DM Anatomical Pathology Programme while the Department of Microbiology dramatically increased its graduate student numbers to 12.

Table 4**Registered Students (2009-2010) – Graduate Studies**

Programmes	Numbers
DMs	283
Taught Masters	
MPH	41
MPH-Health Education/Promotion	9
Nutrition	20
Epidemiology	1
Microbiology	2
Cultural Therapy	3
Nursing:	
Administration	17
Clinical Specialist	3
Education	18
Family Nurse Practitioner	18
Mental Health/Psychiatry	10
Online Masters	
Counseling	59
Sports Medicine	13
Research Degrees	
MPhils	52
PhDs	55
Total	604

Table 5**Number of Programme Graduates (2009/2010)**

Programmes	Number
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DMs:

Anaesthesia & Intensive Care	3
Internal Medicine	6
Obstetrics & Gynaecology	5
Paediatrics	5
Psychiatry	3
Radiology	4
Pathology	2

Surgery:

General	2
Orthopaedics	1
Urology	1
Ophthalmology	1
Emergency Medicine	5
ORL	1

Taught Masters:

MPH-Health Education/Promotion	14
Nutrition	6
Epidemiology	6
Microbiology	2
Nursing	31
Sports Medicine	2

Online Masters:

Counseling	38
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Research Degrees

MPhils	3
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PhDs	7
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Total	148
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Income Generation and Budgetary Considerations

During the academic year under review the UWI received a further reduction in government funding. In response and anticipation of further budget cuts the faculty sought to strengthen its income generation and cost cutting initiatives. Agreed strategies included increasing income from undergraduate and graduate level full fee paying programmes, (through increased student intake and expanding the number of such programmes), and from short courses mounted mainly during the summer months.

Strategies for reducing expense centred on regulating the amount spent on overseas travel, (primarily through use of modern IT facilities) and monitoring staff and student use of various utilities.

Conclusion

The Faculty of Medical Sciences, Mona focused on improving infrastructure including student facilities, income generation and diversification, and building research capacity. This will provide the framework for further enhancement of our international reputation in the areas of training and research in the years ahead. With the reduction in the government subvention to the UWI, the year ahead will be difficult but the Faculty will continue to play a leadership role on the Mona Campus as it continues its process of transformation.

DEPARTMENT OF BASIC MEDICAL SCIENCES

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

WORK OF THE DEPARTMENT

During the academic year, the Department made progress in implementing some of the strategic initiatives in its 2007-2012 Strategic Plan and also some of the recommendations from five-year review for the Basic Medical Sciences. The major achievements were



- The review of the BB Med Sci programme
- Increased student intake in the BB Med Sci and Physical Therapy programmes
- The strengthening of academic supervision and overall programme quality in research training at the MPhil and PhD levels, including weekly departmental graduate seminars
- The development of taught master's programmes in Applied Pharmacology and Physical Therapy
- The introduction of a Diabetes Education Curriculum for Health Care Professionals
- The improvement of the IT infrastructure in the Physiology Lecture theatre and the Pre-Clinical Lecture Theatre for teaching.
- The acquisition of teaching and research equipment in Anatomy and Physiology

In 2009/10 two-hundred and sixty-four students were registered in the MBBS programme, 31 in the BB Med Sci programme and 51 in the Physical Therapy programme. Two hundred and sixty-seven students

were enrolled in the FPAS Biochemistry programme. Students' assessment of teaching was good as the academic staff continues to be highly rated by students. Members of the academic staff and their postgraduate students participated in several international conferences, and were also successful in attracting research funds of approximately US\$263,000. The research output declined, with less than one original paper published per staff in peer reviewed journals.

Professor Helen Asemota continued her secondment at Shaw University, USA where she also serves as the Principal Investigator for the "Shaw in Jamaica MoN Prostate Cancer Research Project". The project is a joint one between SHAW, UWI and is funded by the NIH. Shaw University students under the scheme of Minority Health and Health Disparities International Research training (MHIRT) of the National Center on Minority Health and Health Disparities (NCMHD), NIH, USA visited the department to undertake a summer research internship on prostate cancer survey and training. The project which began in 2009 will train Shaw Minority Students in prostate cancer research over a five year period at UWI, Mona.

Staff Awards and Promotions

Dr. Wayne McLaughlin was promoted to Professor of Molecular Biology. Drs. Dagogo Pepple and **Maxine Gossell-Williams** were promoted to Senior Lecturer in Physiology and Pharmacology, respectively. Dr. Gossell-Williams assumed the responsibility as the Head of Section of Pharmacology, taking over from Professor Simon who retired last year.

Drs. Paul Brown and **Icolyn Amarakoon** were awarded Fulbright Research Fellowships to pursue research at the University of Minnesota School of Veterinary Medicine, St. Paul, Minnesota and Institute of Human Virology, University of Maryland, School of Medicine in Baltimore, Maryland, respectively. Dr. Brown conducted research on the regulation of gene expression in *Leptospira*, while Dr. Amarakoon conducted research on the molecular biology of HIV and antiretroviral drug resistance in Jamaican patients infected with HIV/AIDS.

Staff Development

Miss Thornia Smith, Senior Administrative Assistant successfully completed her MSc in Applied Psychology (Health) at the UWI, Mona. Miss Andrea Richards, Senior Medical Technologist, successfully completed a certificate course in *“Effective Project Planning and Evaluation in Health Research”* organized by the Clinical Epidemiology Unit, TMRI. Mrs. Yvonne Bailey, Senior Secretary, successfully completed the certificate course in *“Project Management”* from the Mona School of Business. Mrs. Juliet Waugh and Ms. Juliet Mair, Senior Departmental Attendant and Senior Laboratory Attendant pursued a course in Hospitality Management hosted by the Human Resources Division, Mona Campus.

PAPERS PRESENTED

- Brown, Caneta, N McFarlane-Anderson, L Lindo, K Bishop, T Dasgupta. S-Nitroso-N-acetylpenicillamine and S-nitroso-glutathione Reverse Preeclampsia in Rats. 2nd International Conference on Drug Discovery and Therapy in Dubai, February 1-4, 2010.
- Brown, Kesi J., Alexander-Lindo, R. Lisa and Dasgupta, Tara. The Effect of Two S-nitrosothiols on Spatial Memory. 2nd International Conference on Drug Discovery and Therapy in Dubai, February 1-4, 2010.
- Brown P. Antimicrobial susceptibilities, and SCCmec multi-locus VNTR analyses of polymorphism and genetic relationships of clinical isolates of MRSA. 14th International Congress on Infectious Diseases, Miami, FL, USA. March 11-14, 2010.
- Henry, T., Oswald Simon, and Maxine Gossell-Williams Ginger oleoresin supplementation lowers blood pressure and triglyceride levels in hypercholesterolemic rats FASEB J. 2010 24:960
- Hyde, C. D. Maxine Gossell-Williams, Tiffany Hunter, Donnette Simms-Stewart, Donovan McGrowder, Horace Fletcher, and Eric Choo-Kang. Pumpkin Seed Oil Supplementation improves

HDL and LDL cholesterol in Post-Menopausal Women: A Random Double-Blind Pilot Study *FASEB J.* 2010 24:588.6

- Jacob, A. S., Oswald Rudolph Simon, Delano Samuel Wheatle, and Peter Lanton Ruddock Antihistaminergic effect of a pure compound (GT) isolated from garden slug (*Diplosolenodes occidentalis*) on tracheal smooth muscle contraction. *FASEB J.* 2010 24:970.1
- Levy Arkene and Dwayne G Stupack Cytotoxic activity of *Taraxacum officinale* in OV2008 human ovarian cancer cell line is mediated by caspase 8 activity *FASEB J.* 2010 24:965.3.
- Lopez, Anna-Lee, Maxine D Gossell-Williams, Oswald R Simon, and Howard Phillips Phosphatidylcholine supplementation alleviates the impaired glucose response induced by acute methionine loading *FASEB J.* 2010 24:569.3
- Miller David J. and Andrew G.M. Pearson. Geomorphic and sediment dynamics in Manatee Bay, St. Catherine, Jamaica: A hurricane impact complex response system. Association of American Geographers, Annual Meeting, Washington D.C., April 14-18, 2010.
- Moodie-Henry, B. J. Manley E West, and Maxine Deborah Gossell-Williams Alkaloids of *Borreria verticillata* mediate hypotensive activity through muscarinic, M3 receptor, a stimulatory release of nitric oxide (NO). *FASEB J.* 2010 24:773.7
- Ogunsalu C, Arunaye F, Ezeokoli C, Gardner MT, Rohrer M , Prasad H. Mathematical model for osteobstruction in Bone Regeneration mechanism; A headway in skeletal tissue engineering. American College of Oral and Maxillofacial Surgeons Conference. April 2010. San Antonio Texas, USA.
- Ogunsalu C, Arunaye F, Ezeokoli C, Gardner MT, Rohrer M , Prasad H. Mathematical model for osteobstruction in Bone Regeneration mechanism; A headway in skeletal tissue engineering. Presented at the American College of Oral and Maxillofacial Surgeons Conference. AEEDC Dubai 2010.

- Pearson, Andrew G.M. Biochemical and microbiological investigations into the utilisation of agro-industrial wastes in Jamaica. New York State Agricultural Experiment Station, Geneva, N.Y. July 16, 2010.
- Rowe, N., PDA Singh, W McLaughlin, MT Gardner. Preliminary investigation of the effects of Jamaican ginger (*Zingiberaceae officinale*) on the activity of the enzyme lipoxygenase. West Indian Medical Journal 54 (4):44, 2009.
- Young-Martin, L. Estrogen not Testosterone Enhances Memory of a Negative Patterning Discrimination Task in Aged Male Rats. Annual International Conference on Alzheimer's Disease (ICAD), Reed Messe Wien, Vienna, Austria, July 11-17, 2009.

Papers presented at the Faculty of Medical Sciences 18th Annual Research Conference on Child Health: From The Womb to Adolescence, The University of the West Indies, Mona Campus, November 11-13, 2009.

- Brown, Caneta, N McFarlane-Anderson, L Lindo, K Bishop, T Dasgupta. The Effect of S-Nitroso-N-acetylpenicillamine and S-nitrosoglutathione on Blood Pressure, Urinary Protein Levels and Pup Weight in Pregnant Rats.
- Brown, Caneta, N McFarlane-Anderson, L Lindo, K Bishop, T Dasgupta. The Effect of S-Nitroso-N-acetylpenicillamine and S-nitrosoglutathione on Blood Pressure, Urinary Protein Levels and Pup Weight in Pregnant Rats.
- Daley-Beckford, DK. RL Alexander-Lindo, T Yee, P. Reese. The Isolation of the Hypoglycaemic Principles from Eucalyptus camaldulensis showing a similar effect as Metformin.
- Henry, T., O Simon M Gossell-Williams. Effect of ginger oleoresin on blood pressure and serum lipids in hypercholesterolemic rats.
- Many, S., R. L. Alexander-Lindo, M. Gossell-Williams. Development of a New Rat Model of Type 2 Diabetes Mellitus.

- Wynter, T., PDA Singh, NP Williams, W McLaughlin. The effect of *Momordica charantia* extract on colorectal cancer precancerous lesions (abberant crypt foci).

Papers presented at the 16th Annual International Diabetes Conference, Jamaica Grande Resort, Ocho Rios, St. Ann, Jamaica. (March 25-28, 2010).

- Brown, Kesi, R.L. Alexander-Lindo, Tara P. Dasgupta. The Effect of Two S-nitrosothiols on Glucose Metabolism and Spatial memory
- Bryan, Sophia, R.L. Alexander-Lindo, Tara P. Dasgupta. Nitric Oxide Inhibitors Hold Promise for Diabetes Research.
- McFarlane-Anderson, Norma. Stem Cells and Diabetes Mellitus (DM): A biological approach to curing Diabetes Mellitus Mellitus.
- Ragoobirsingh, D. The Universities Diabetes Outreach Programme

PUBLICATIONS

Books and Monographs

- * Barcelo, A., E. Carrasco, D. Ragoobirsingh, E. Duarte, J. Gagliardino, G. Xuereb and F. Canete. (2009) Building Blocks in Diabetes Education and Control: A Framework for Comprehensive Diabetes Care, Pan American Health Organization, Washington, D.C, USA, 2009.
- * Brown, P.D. (2009). Multiple drug resistance. In Multiple Drug Resistance. Eds. Agoston Meszaros and Gusztav Balogh. Nova Science Publishers, Inc, New York, USA. ISBN, 978-1-60741-595-4.
- * Irving R. Hormones (2010). Our Family History and Diabetes in Pregnancy: Genetics and biochemistry in the Black womb. Lambert Academic Publishing Germany. [978-3-8383- 3698-5].

- * Irving R, Charlton V. (eds). (2010) Jamaica Gold: Jamaican Sprinters. University Press, Jamaica. [ISBN 978-976-640-234-1].
- * 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.
- * Ragoobirsingh D. Chronic Care Passport. (2010). Developed for the Pan American Health Organization Caribbean Quality of Diabetes Care Improvement Project
- * Scott R, Irving R, Charlton V, Pitsiladis Y. (2010). White men cannot run: Where is the Scientific Evidence? For Sands R and Sands L. Anthropology of Sport and Human Movement. Lexington Books, a division of Rowman & Littlefield Publishers, Inc. [ISBN-10:0739129392].

Technical Reports

- * Ragoobirsingh, D. Pan American Health Organization Report on Training for Implementation of the Caribbean Diabetes Project in Tobago, October 19, 2009.
- * Ragoobirsingh, D. Pan American Health Organization Report on Guiding and Supporting National Quality Improvement Initiatives for Diabetes in Less Well served parts of the World: A Proof Concept Project in the Caribbean-Guyana (February 3-5), February 15, 2010.
- * Ragoobirsingh, D. Pan American Health Organization Report on Diabetes Quality Care Project, Belize, March 23, 2010.
- * Ragoobirsingh, D. Pan American Health Organization Report on Quality of Care Improvement, Trinidad and Tobago, (April 11-15), April 26, 2010.

- * Ragoobirsingh, D. Pan American Health Organization Report on Mentoring the Improvement of the Quality of Diabetes Care in Tobago, (July 11-16) July 30, 2010.

Refereed Journal

WIMJ = *West Indian Medical Journal*

- * 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.
- * Campbell, Sacha, Ruby Alexander-Lindo, Tara Dasgupta and Donovan McGrowder. (2009). The Effect of S-nitrosocaptopril and S-nitroso-N-acetyl-D, L- penicillamine on blood glucose concentration and Haemodynamic Parameters. *Journal of Applied Biomedicine*. 7: 123-131.
- * Fisher L. P. Tennant and W. McLaughlin (2010). Detection and characterization of Citrus tristeza virus stem pitting isolates in Jamaica. *European Journal of Plant Pathology*. 127:1-6
- * Grant JA, Bonnick T, Gossell-Williams M, Clayton T, Cook JM, Jackson YA (2009). Synthesis, pharmacological studies and molecular modeling of some tetracyclic 1,3-diazepinium chlorides. *Bioorg Med Chem*. 18(2): 909-921.
- * Gordon, C. D., Williams, S.K.P., Hudson G.A., Stewart, J. Factors predicting academic performance of Physical Therapy students (Diploma level). *WIMJ* 59 (2): 203-208.
- * Gordon, L., D. Ragoobirsingh, E. Morrison, E. Choo-Kang, D. McGrowder and E. Martorell (2010). Lipid Profile of Type 2 Diabetic and Hypertensive Patients in the Jamaican Population. *Journal of Laboratory Physicians* 2: 25-30.
- * Gossell-Williams, M., Williams-Johnson, O. Simon. (2009). Non-fatal self-poisoning trends involving analgesics and

psychotropics at the University Hospital of the West Indies in Jamaica. *Journal of Medicine Use in Developing Countries*. 1(2): 46-51.

- * Gossell-Williams, M. (2010). Pharmacovigilance healthcare professionals'role in benefits versus harm analysis of drugs use. *WIMJ* 59 (1): 73-75.
- * Jackson, Maria.D., Susan P.Walker, Candace M. Simpson, Norma McFarlane-Anderson, Franklyn I Bennett, Kathleen C M et al. Coard. (2010). Body size and risk of prostate cancer in Jamaican men. *Cancer Causes Control* 21:909-917.
- * Less, L. A., D. Ragoobirsingh, E. Morrison, M. Boyne; P. Anderson-Johnson (2010). A Preliminary Report on An Assessment of a Community-based Intervention for Diabetes Control in Adults with Type 2. *Family Practice* 27: 46-52.
- * McGrowder, D., P. D. Brown, R. Alexander-Lindo, S. Budall, R. Irving and L. Gordon. The use of soluble transferrin receptor in the detection of rHuEPO abuse in sports. [Review article] *Biochemistry Insights* 3: 7-18.
- * McGrowder, Donovan, Algie Williams, Lorenzo Gordon, Tazhmoye Brown, Ruby Alexander-Lindo, Rachael Irving, Michelle Hamilton, Yeiny T.P. Fraser. (2009). Hypocalciuria 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 Preeclampsia. *Journal of Molecular Biochemistry* 28 (2): 1-5.
- * McGrowder, D., R. Lisa Alexander-Lindo, P. Brown (2009). The use of soluble transferrin receptor in drug testing and as a marker of iron status in athletes. *Biochemistry Insights* 3:7-18. <http://www.la-press.com/the-use-of-soluble-transferrin-receptor-in-the-detection-of-rhuepo-abu-article-a1867>

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- * Mulabagal, Vanisree, Ruby L Alexander-Lindo, David L. DeWitt and Muralreedharan G. Nair. (2009). Health-Beneficial Phenolic Aldehyde in *Antigonon leptopus* Tea. *Evidenced Based Complementary and Alternative Medicine* 1-6.
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- * Ottey-Allen, A., G. Burnell, W. Duncan, C. Simpson, D. McGrowder, R. Alexander-Lindo (2010). Assessment of blood donation process at four major centres in Jamaica. *Journal of Diagnostic and Clinical Research.* 4: 2720-2727.
- * Pearson, Andrew G.M. (2010). Rum: the spirit of the Caribbean. *CaribXplorer* 1 (1): 38-41.
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- * Stephenson, S., P. D. Brown, A. Holness & M. Wilks. (2010). Emergence of *qnr*-mediated quinolone resistance among *Enterobacteriaceae* in Jamaica. *WIMJ* 59 (3): 241-244.
- * Tennant, P. F., D. Robinson, L. Fisher, S-M. Bennett, D. Hutton, P. Coates-Beckford and W. McLaughlin (2009). Diseases and Pests of Citrus (*Citrus*). *Tree and Forestry Science and Biotechnology*. March Issue p 81-107.
- * Thaxter, K, Young L, Parshad O, Young R, Addae J. (2010) An extract of Neem leaves reduces anxiety without causing motor side effects in an experimental model. *WIMJ* 59 (3):
- * Vaz, Kurt, Donovan McGrowder, Ruby Alexander-Lindo, Lorenzo Gordon, Paul Brown, Rachael Irving. Knowledge, awareness and compliance with universal precautions among health care workers at the University Hospital of the West Indies. (2010). *Indian Journal of Occupational and Environmental Medicine*. 1(4): 171-181.
- * Vaz, Kurt Donovan McGrowder, Paul Bourne, Tazhmoye Crawford, R. Lisa Alexander-Lindo, Rachael Irving. (2010). Prevalence of injuries and reporting of accidents among health care workers at the University Hospital of the West Indies. *International Journal of Occupational Medicine and Environmental Health* 23 (2): 133-143.

Abstract in Peer Reviewed Journal

- * Brewster, A., Hudson GA. Knowledge, attitudes and behaviour of students at The University of the West Indies, Cave Hill campus, towards diabetes. *WIMJ* 58: (Suppl 4) 1-51 pg. 39.

- * Brown, C. N. McFarlane-Anderson, L. Lindo, K. Bishop, T. Dasgupta. The Effect of S-Nitroso-N-Acetylpenicillamine and S-nitrosoglutathione on Blood Pressure, Urinary Protein Concentration and Pup Weight in Pregnant rats. *WTMJ* 58: (Suppl 4) 1-51 p.15
- * Cox, P. St. L. and Williams, SKP.(2009). Life After Lower Extremity Amputation in Diabetics, 1-3 Years Post Amputation. *WTMJ* 58 (Supp 4):26.
- * Daley-Beckford, DK., RL Alexander-Lindo, T. Yee, P. Reese. The Isolation of the Hypoglycaemic Principles of *Eucalyptus camaldulensis*, showing a similar effect as metformin. *WTMJ* 58: (Suppl 4) 1-51 p.19.
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- * Powell, D. and Williams, SKP (2009). Determining the Relationship between Body Mass Index and Pulmonary Function in Jamaicans 20-25 Years Old. *WTMJ* 58 (Supp 4) p26.
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(*Zingiberaceae officinale*) on the activity of the enzyme lipxygenase. *WIMJ* 54 (4):44.

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INCOME GENERATION

Research Grants:

Campus Committee for Research and Publications and Graduate Awards = CRPG Awards

Dr. Paul Brown

- Prevalence and Molecular Characterization of Cryptosporidia, *Giardia*, and *Leptospira* in Surface Waters. University of Minnesota International Collaborative Seed Grant with a Focus on Africa or Water in the World; Co-PI (with Dr. Paul Allwood, UMN) **US \$30,000**
- *recA*- and *relA*- gene regulation in pathogenic *Leptospira* species. US State Department (Fulbright Scholarship FY09); PI **US\$10,000**
- Investigation of the basis of attachment of *Leptospira* species to mammalian cells CRPG Fund, UWI, Mona; PI (Awarded to Gabrielle Andrade) **US \$2,050**
- Mechanism of degradation of organic compounds and consequent biochemical effects in aquaculture species. CRPG Fund, UWI, Mona; PI (Awarded to Ann-Tenneil O’Conner) **US\$1700**

- Malaria and leptospirosis as possible causes of fever during an epidemic of dengue in Jamaica. CHASE Fund; Co-PI (with Prof. John Lindo) **JM \$3 million**

Dr. Sherline Brown

- Characterization and distribution of citrus greening disease in Jamaica” CRPG Grant **US \$3000.00**

Dr. Arkene Levy

- Investigation of the correlation between ovarian cancer FAK expression and tumour invasive and migratory potential. Principal’s New Initiative Research Fund, UWI, Mona **JA\$1.5M**
- “Antidiabetic properties of *Petiveria alliacea*” CRPG Award for Sara-Lou Christie: **US \$2000.00**
- “Anti-inflammatory active *Cassia alata* Linn leaf extract on CFA induced arthritis in rats.” CRPG Award for Anishka Lewis: **US\$2000.00**

Dr. Lisa Lindo

- Forest Conservation Fund in collaboration with Dr. Rupika Delgoda (Natural Product Institute) **JA\$11.9M**
- The Isolation, Purification and Elucidation of the Hypoglycaemic Principle/s in *Eucalyptus camuldulensis* Extract. CRPG Award: 2010 **US \$2000.00**
- The isolation and identification of the active Hypoglycaemic Principle in *Sechium edule* (Cho Cho) leaves. CRPG Award: 2009 **US \$2000.00**

Dr. C. Ralph Nwokocha

- Vasoactive effect and possible mechanism of action of *Peperomia pellucida* extract in thoracic aortic rings of normotensive and hypertensive rats. Principal’s New Initiative Research Fund, UWI, Mona **US \$16,700**

Professor Oswald Simon

- Campus Committee for Research and Publication and Graduate Award for Tricishanna R. Henry: “Ginger oleoresin supplementation lowers blood pressure and triglyceride levels in hypercholesterolemic.” **JA\$156,577.00**
- CRPG Award for Audrey Jacob: “Antihistaminergic effect of a pure compound (GT) isolated from garden slug (*Diplosolenodes occidentales*) on tracheal smooth muscle contraction.” **JA \$156,577.00**

Dr. Paul Singh

- CRPG Award for Shakira Wade: “Investigation of the antineoplastic properties of *Momordica charantia*” **US \$2000.00**

Dr. Maxine Gossell-Williams

- Campus Committee for Research and Publication and Graduate Award for Coretha Hyde: “The benefits of pumpkin seed oil supplementation in postmenopausal women and ovariectomized rats.” **JA \$156,577.00**
- Grants from Dr. Reddy Pharmaceuticals for Jacqueline Campbell: “Promoting Pharmacovigilance among healthcare professionals in Jamaica” **JA \$15,000.00**
- Grants from Novartis for Jacqueline Campbell: “Promoting Pharmacovigilance among healthcare professionals in Jamaica” **JA \$15,000.00**
- Grants from Roche Pharmaceuticals for Jacqueline Campbell: “Promoting Pharmacovigilance among healthcare professionals in Jamaica” **JA \$25,000.00**

PUBLIC SERVICE

Professor Helen Asemota

- 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

- Judge, JPS Science and Technology Expo for Schools, National Finals
- Chief Judge, JPS Science and Technology Expo for Schools in Eastern Region
- Member, American Society for Microbiology Country Liaison for Jamaica

Professor Dalip Ragoobirsingh

- Chief Examiner, Human & Social Biology Caribbean Secondary Examination Certificate Caribbean Examinations Council
- Temporary Advisor, Caribbean Diabetes Quality of Care Improvement Project Pan American Health Organization
- Consultant Diabetes Educator, Diabetes Association of 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, 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, MOH
- Executive Member, Citizen Association of Armour Glades

Dr Arkene Levy

- Chair, membership committee, Jamaica Fulbright Humphrey Alumni Association JFHAA
- Staff representative, Rotoract Club of UWI
- Member, CARPIN Education Subcommittee
- Member, Levy Foundation: Fund raising for the reconstruction of the St Paul's Anglican Church

Professor McFarlane-Anderson

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

Professor Wayne McLaughlin

- Board Member, Coconut Industry Board
- Deputy Chairman, National Commission on Science and Technology, Jamaica - 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

Professor Omkar Parshad

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

Professor 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)

Professor. Oswald Simon

- Observer, Technical Advisory Committee for the 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)
- Mayor, St. Catherine Parish Council

Students Registration in Programmes

BB Med Sci.

Year 1 = 31

Year 2 = 40

Year 3 = 22

MB BS

Year 1 = 267

Year 2 = 273

Year 3 = 170

Physical Therapy

Year 1 = 51

Year 2 = 38

Year 3 = 41

FPAS (Biochemistry)

Year 1 = 267

Year 2 = 109

Year 3 = 64

Postgraduate Degrees Awarded

STENNETT, Dewayne –

PhD Biochemistry

LINDSAY, Carole –

MPhil Biochemistry

O'CONNOR, Nadi a –

MPhil Pharmacology

Postgraduate Scholarships Awarded

BROWN, Kesi

BURNETT, Aniki

CHRISTIE, Sara-Lou

DEPARTMENT OF COMMUNITY HEALTH & PSYCHIATRY

**Professor Denise Eldemire-Shearer, BA *Bishop's (C)*, MB BS,
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. 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.



This was a year of change for the Department with several staff movements.

Professor A McCaw-Binns was on sabbatical. Two (2) members resigned - Dr T Paul and

Dr J Goulbourne. Three retired- Dr J LaGrenade, Professor F Hickling and Mrs D Falloon.

The period August 2009 – July 2010 has been a challenging one given the increased number of students, financial constraints and problems with transportation to non-University Hospital of the West Indies sites. Classroom space especially for small group teaching has been a problem. Despite this 90% of the targets set for the period were met.

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 course Understanding Research was revised and the teaching relationship with Tropical Medicine Research Institute (TMRI) strengthened. Psychiatry has included more community activities in its rotations.

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 the Instructional Development Unit (IDU) and Medical Educational Unit (MEU) on improving teaching skills including curriculum design and setting examinations.

Students performed well in end of term exams only Environmental Health (HE12B) having re-sit examinations.

Post Graduate Programmes

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

Regional collaboration with Cave Hill and St Augustine was initiated with the sharing of all Master of Public Health (MPH) curricula. A Regional Consortium of Public Health Programmes has been started with the 12 - Master of Public Health (MPH) programmes in the region.

The process of accreditation with the Council for Education in Public Health has begun.

Doctor in Public Health (DrPH)

The Doctoral programme began with seven (7) students. Six (6) from Jamaica and one (1) from Trinidad and Tobago. Candidates came together for 2-3 weeks blocks and continued teaching through webinars.

Family Medicine

A coordinator for Family Medicine was appointed. The Diploma programme was approved by the Board of Graduate Studies and all courses have been developed.

MPhil/PhD

Three (3) persons including two (2) staff members graduated with the PhD Public Health

DM Psychiatry

The new curriculum has been fully implemented with the research project being done in the 3rd year. In the June 2010 examinations, there was 100% pass rate.

On-Line Courses

Problems continue with these programmes and no students were enrolled.

Action Ageing

Training of community based personnel is the thrust of this entity. The six month certificate course was offered with international participation. There were 19 students, fifteen of which were Jamaicans, one from Anquilla, one from Dominica and two from Bahamas. Workshops on Ageing were held for the staff of the Ministry of Health and National Council for Senior Citizens.

Mona Ageing and Wellness Centre

The Centre continues its programme of teaching and research. Several members of staff have participated in Retirement and Ageing Well Workshops across the island. Having completed research on Age Friendly Primary Health Care – the clinical tools are now being introduced into the pilot Health Centres.

There is collaboration with Case Western University to make the toolkit a regional initiative.

Research

There were 43 publications in peer reviewed journals, a slight improvement over 2008-2009. Five (5) book chapters, 13 abstracts and one (1) book.

The research output from the section of Psychiatry improved significantly and accounts for almost 50% of the department's output.

Members of staff made thirty-three presentations at scientific meetings both nationally and internationally.

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

Special Projects/Initiatives

Drs Wendel Abel and Clayton Sewell were involved with the Ministry of National Security on three projects including:

- Establishment of Induction and Counselling Services for Persons Deported
- Development of Life Skills Training Programme: Targeting Residents of Inner City Communities (Community Security Initiative of the Ministry of National Security and Justice) and The establishment of the Special Programmes for Children with severe Behavioral Problems (Ministry of Education-PASS Programme)

Dr Maria Jackson spent three (3) months at the University of Botswana assisting with a nutrition, survey including development of field instruments and data analysis.

Other Projects

Drs Kenneth James, Michelle Harris and Professor Denise Eldemire-Shearer organized a Research Methods course for consultants in Accident and Emergency - to improve supervision of resident's research

projects. Courses have also been offered for residents in Surgery and Medicine.

Mrs Althea Bailey has assisted the University of Suriname, teaching Health Communication.

SERVICE

Service is offered through the Health Centre attached to the department which also serves as a teaching site for undergraduate (160 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 participated in the activities of the detoxification unit. The development of psychotherapy services is a significant achievement this year.

PAPERS PRESENTED

- **McCaw Binns A, Holder-Nevins D, Alexander S, Bailey A.:** “Adverse Consequences of Uninformed A Sex: From STIs to Pregnancy, Abortion and Maternal Death”, 3rd Americas Regional Midwifery Conference, UWI School of Nursing Theatre, May 27, 2010.
- **Eldemire-Shearer D** Different Pathways to Dementia. The Jamaican Experience, World Alzheimer Day September 2009.
- **Eldemire-Shearer D** Responses to Ageing, Seminar on Regional and International Ageing, Jamaica Conference Centre, October 2009.

- **Eldemire-Shearer D** Health Issues of the Elderly: The Primary Health Care response, Case Western/PAHO American Organization Workshop, May 10, 2010
- **Eldemire-Shearer D** Healthy Ageing Lifestyle Choices, Caribbean Committee of Retired Persons (CCRP) Seminar, April 10, 2010
- **Eldemire-Shearer D** The Challenge of Ageing Coping with the Golden Years, Medical Association Annual Conference, June 10, 2010.
- **Jackson M.** “Association of social and demographic factors with weight status of adults in Botswana”. Seminar, National Food Technology Research Centre (NFTRC) December 2, 2009.
- **Paul T and Maharaj S.** Health Care Financing: Ethical implication” Conference on Health Financing, October 29, 2009, UWI School of Nursing, Mona.
- **Campbell N** “Environmental Interventions in addressing workplace violence in the Health Sector” at the Violence Prevention Alliance-Institute of Criminal Justice and Security, UWI’s workshop, Mona Visitors’ Lodge, December 2, 2009.
- **Campbell N** “Infection Prevention and Control in Healthcare Settings” first Annual General Meeting of the Jamaica Occupational Health Professionals Association (JOHPA), Petroleum Corporation of Jamaica, December 4, 2009.
- **Lowe G.** “The Association of Parental Encouragement and School engagement with depressive systems among Jamaica High School Students”, Faculty of Medical Science 18th Annual Research Conference and Workshop held November 12-13, 2009
- **Standard-Goldson A.** “Certifying Physicians for General Practice”- Role of the University, 4th Biennial Conference of the Caribbean College of Family Physicians, Barbados, November 19-21, 2009.

- **Goulbourne J.** “Health for All: Opportunity and Challenges” of the Research Committee on Sociology of Health of the International Sociological Association Conference (ISAC 15) Jaipur, India, September 21-23, 2009.
- Gardner N, Wheatley A, Bahado-Singh P, Dilworth L, **De La Haye W**, Lowe H Salako A, Morrison E, Asemota H, “Cocaine Hydrochloride Metabolite Clearance in Cocaine Dependent Rats College of Health Science, Health Professionals Conference 2010. July 2010, University of Technology, Jamaica
- **De La Haye W**, “Cannabis – Medicine or Curse”, Medical Association of Jamaica Annual Symposium, Jamaica Pegasus. June 2010
- **De La Haye W**, Local Needs Assessment and Drug treatment Partnership, at the City Level Organization of American States (OAS) Inter American Drug Abuse Control Commission (CICAD) Drugs Summit, Lugo, Spain, April 2010.
- **De La Haye W**, Alcohol Misuse in Jamaica- Ena Thomas Memorial Symposium 2009, The Jamaica Pegasus November 2009
- Killough, A.L., Killough, E, G., Russell, W., Edwards C. L., Robinson, E., Merritt, M., Harrison, M.O., Wood, M., Hargrove, A., Leach-Beale, B., Raynor, R., McNeil, J. Peils, J., Wellington, C., **Morgan, K.**, 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’Garro, K., (August, 2009). Does Culture Matter? Minnesota Humanities Commission, Normandale Community College, Bloomington, MN
- **Figueroa JP.** The Challenges of Sustainable Development – a Public Health Perspective. Mainstreaming Environmental & Sustainability in Caribbean Universities, UWI, Mona, September 2009.

- **Figueroa JP.** Highly Active Prevention: what the data show, at the National HIV/STI Program 20th Annual Retreat and Planning Review Workshop, Ocho Rios, October 2009.
- **Figueroa JP.** The Social Determinants of Health in the Caribbean: a Public Health Perspective. 4th Annual Research Day, School of Clinical Medicine and Research, Nassau, Bahamas. April 9, 2010.
- **Figueroa JP.** The Caribbean HIV epidemic and response: progress and challenge. UNAIDS meeting of Latin American and Caribbean managers and staff in Guatemala on June 30, 2010.
- **Figueroa JP.** HIV prevention in the Caribbean: the challenge. UNAIDS meeting of Latin American and Caribbean Managers and Staff in Guatemala on June 30, 2010.
- **De La Haye W,** Addition and Smoking Cessation – UWI Health Forum Undercroft, UWI, Mona October 2009
- **De La Haye W,** The Management of Nicotine Misuse-Healthcare Professional Seminar, Dept. of Community Health and Psychiatry November 2009
- **De La Haye W,** Psychiatric Co-Morbidity in Substance Abusers – Demand Reduction Expert Group Workshop Organization of American States (OAS) Inter American Drug Abuse Control Commission (CICAD) Mexico City, México October 2009
- **De La Haye W,** Management of Nicotine Misuse, Training Workshop for Family Physicians Knutsford Court Hotel, October 2009
- **Wendel Abel.** “Psychiatry and the Law”: Association of Resident Magistrates. November 2009
- **Wendel Abel.** “Treating insomnia, No Longer a Nightmare. Lecture to Medical doctors”. Kingston, Jamaica, March 2009.
- **Wendel Abel.** “The Management of Sleep Disorder. Western Jamaica Chapter of the Medical Association of Jamaica. June 2010

- **Wendel Abel.** “Treatment of Bipolar Disorder: Caribbean College of Family Physicians, July 2010.

PUBLICATIONS

WIMJ = *West Indian Medical Journal*

- * **Abel W D, Bourne P.A, Martin J S, Gibson R C, Hickling F W.** A Public Health and Suicide Risk in Jamaica from 2002-2006. *North American Journal of Medical Sciences*, August 2009 Vol. 1 (#3)
- * **Hickling F W, Gibson R C, Abel W D.** Public Policy and Mental Health Research at the University of the West Indies, 1995-205. *Journal of Education and Development in the Caribbean*, November 2008; Vol 10,
- * **Sewell CA, Martin J, Abel W.** Violence Prevention – A primary care approach. *WIMJ* 2009; Vol 58, No: 5,405-406
- * **Sewell C A, Martin J S, Abel W D,** Domestic Violence: Prevalence and Profile (Editorial). *WIMJ; Vol 59, No: 1, 1-2*
- * **Martin J S, Sewell C A, Abel W D.** Substance Abuse Treatment – the Special Needs Populations. *WIMJ*; Vol 59, No: 1, 82-83
- * **Lindo JLM, LaGrenade J, McCaw-Binns A, Eldemire-Shearer D.** Health Status and Health Maintenance Practices among Doctors and Nurses at two Hospitals in Jamaica. *WIMJ*, 2009; Vol 58, No: 6, 539-45
- * **Eldemire-Shearer D, Holder-Nevins D, Morris C, James.** Prevention for better health among older persons: Are primary health care clinics in Jamaica meeting the challenge? Findings from a cross –sectional study. *WIMJ*, 2009; Vol 58
- * **Arthur C, Hickling FW, Gibson RC, Robertson-Hickling H, Whitley R, Haynes-Robinson T, Abel W.** “Mad, sick, head nuh

good: Mental illness stigma in Jamaican communities”. *Transcult Psychiatry* 2010;47:252-275.

- * **Gibson R.C, Jackson S, Abel W**, Wright-Pascoe, Clarke T.R, Gilbert D. T. HIV Seroprevalence among Hospital Inpatients with Neuropsychiatric and other Central Nervous System Disorders. *WIMJ*, Vol. 59 No.4
- * Clarke T. R, **Gibson R**, Barrow G, James S, **Abel W D**, Barton E N. Disclosure of HIV Status among HIV Clinic Attendees in Jamaica *WIMJ*; Vol 59, No. 4.
- * Clarke T R, **Gibson R**, Barrow, Abel E N., Barton E.N. Depression among Persons Attending a HIV/AIDS Outpatient Clinic in Kingston, Jamaica. *WIMJ*; Vol 59 No 4.
- * Lipps G E, **Lowe G A, DeLa Haye W**, Longman-Mills, Barton E N, Clarke T R, Bain B. Validation of the Beck Depression Inventory II in HIV-positive Patients. *WIMJ*; Vol 59 No 4.
- * **De La Haye W**, Clarke T R, Lipps G, **Lowe G A**, Longman-Mills S, Barton N E, Bain B. Patterns of Depressive Symptoms Among Patients with HIV Infection. *WIMJ*; Vol 59 No 4.
- * Robertson-Hickling H, Paisley V, Guzder J, & **Hickling FW**. “Fostering resilience in children at risk through a cultural therapy intervention in Kingston, Jamaica”. *J Health Care Poor Underserved*, November 2009, Supplement; 20(4):31-35.
- * **Hickling FW**. “Psychiatry in Jamaica”. *International Psychiatry*; January 2010; 7(1).
- * **Hickling FW**, Guzder J, Robertson-Hickling H, Snow S, Kirmayer L. “Psychic centrality: Reflections on two psychohistoriographic cultural therapy workshops in Montreal” *Transcult Psychiatry*, 2010; 47:136-158.

- * **Hickling F W.** “The European American Psychosis: A Psychohistoriographic Perspective of Contemporary Western Civilization”. *J Psychobist*, June 2009:37(1).
- * **Hickling FW.** “The psychology of stardom in Jamaican popular culture: We never know wi woulda reach dis far”. *Wadabagei*, 2009; 11(2):9-40.
- * **Hickling FW.** “The high cost of poverty: Mental health perspectives from the Caribbean diaspora”. *International Psychiatry*, 2009; 6(2):29-30.
- * **Holder-Nevins D, Eldemire-Shearer D, McCaw-Binns A.** “Competition for Adolescents’ sexual and Reproductive Health Values: Is the Media winning”. *WIMJ*, 2009; Vol 58, No: 4, 326-30
- * Cloos P, Allen C, Alvarado B, Zunzunegui N V, Simon D, **Eldemire-Shearer D.** “Active Ageing”: A qualitative study in 6 Caribbean countries. *Ageing & Society*, 30, 2010 79-101
- * **Holder-Nevins D, McCaw Binns A, Eldemire-Shearer D,** Campbell-Stennett D. Are Women Ready to do HIV Test? *WIMJ*; Vol 58, No:6, 575-79
- * Lipps G, **Lowe G A,** Halliday S, Morris-Patterson A, Clark N, Wilson R N. A. Brief report on the Association of Academic Tracking with Depressive Symptoms in High School Students in Jamaica. *Journal of Black Psychology*, 2009.
- * Lipps, G., **Lowe, G. A.,** Halliday, S., Morris, A., Clarke, N. & Wilson, R. (2010). The Association of Academic Tracking to Depressive Symptoms Among High School Students in Three Caribbean Countries. *Child and Adolescent Psychiatry and Mental Health*, 4: 16 (28 May 2010).
- * Jones Cooper C M, **James K,** Wilks R J, .HTLV-1 Related Knowledge, Attitude and Behaviour Pattern among Mothers who Participated in the Jamaica Breastfeeding Intervention Study (1996-2000). *WIMJ*; Vol 59, No:1

- * Brodie-Walker S N, **Morgan K A D**. Exploring Delinquency: Are Exposure to Violence, Self-esteem and Parent-child Attachment predictors of Juvenile Delinquency. In Jamaican Adolescents? *Children's Issue Coalition*; (4) 19-34.
- * Reddy, S., Edwards, C.L., Wood, M., O'Garro, **K., Morgan, K.**, Edwards, L., Wellington, C., McDougald, C., Feliu, M., McNeil, J., Whitfield, K. Body Image in a sample of Adult African American Males & Females with Sickle Cell disease (SCD). (2010). *Journal of African American Studies*, 14 (1) (online 21, 2010).
- * Heslop O D, MF Smikle, IE Vickers, NA Christian, KM Harvey, **JP Figueroa** et al. High Genetic Diversity in Type- 1 in Jamaica. *WIMJ*, 2009; 58 (3): 195-200.
- * Duncan J, Gebre Y, grant Y, Wedderburn M, Byfield L, Bourne D, Brown M, **Figueroa JP**. HIV prevalence and related behaviour among sex workers in Jamaica. *STD*. January 8, 2010.
- * **Figueroa J P**, Jones Cooper C. Attitudes Towards Male Circumstances Among Attendees at a Sexuality Transmitted Infection Clinic in Kingston, Jamaica Andrinopoulos K, Kerrigan D, **Figueroa JP**, Reese R, Gaydos C, Bennett L, Bloomfield B, Plunkett L, Maru C, Ellen KM, Establishment of an HIV/sexually transmitted disease programme and prevalence of infection among incarcerated men in Jamaica. *International Journal of STD and AIDS*, 2010; 21: 114-119.
- * Nadai Y, Eyzaguirre LM, Sill A, Cleghorn F, Nolte C, Charurat M, Collado-Chastel S, J Jack N, Page JW, **Figueroa JP**, Blattner WA, Carr JK. HIV-1 Epidemic in the Caribbean is dominated by Subtype B. *PloS ONE* 2009; 4(3): e 4814.
- * Thame MM, **Jackson MD**, Manswell P, Osmond C, Antoine MG Weight Retention within the puerperium in adolescents: a risk factor for obesity? *Public Health Nutrition* (2009) 1: 1-6.

- * **Jackson MD**, Walker SP, Simpson CM, McFarlane-Anderson N, Bennett FL, Coard KC, Aiken WD, Tulloch T, Paul TJ, Wan RL. Body size and risk of prostate cancer in Jamaica men. *Cancer Causes Control*. 2010 February 16.
- * **McCaw-Binns A**, Ashley D, Samms Vaughan M. Impact of the Jamaica Birth Cohort Study on Maternal, Child and Adolescent Health policy and Practice. *Paediatric Perinatal Epidemiology*, 2010; 24 (1) 3-11.
- * Andrinopoulos K, Kerrigan D, **Figueroa JP**, Reese R, Ellen JM. HIV coping self efficacy: a key to understanding stigma and HIV test acceptance among incarcerated men in Jamaica. *AIDS Care*. 2010; 22 (3): 339-347.
- * **Figueroa JP**, Weir SS, Byfield L, Hall A, Cummings S, Suckindron C. The Challenge of promoting safe sex at sites where persons go to meet new sex partners in Jamaica: results of the Kingston PLACE randomized controlled trial. *Tropical Medicine and International Health*, 2010; 15 (8): 945-954 2010.
- * **McCaw-Binns A**, Lewis-Bell K, Small Victories, New Challenges Two Decades of Maternal Mortality Surveillance in Jamaica. *WIMJ*; Vol 58, (6): 518-32
- * James C, **De La Haye W**, The Lived Experiences, Challenges and Treatment of a Transsexual in the Jamaican Context. *J of Social and Economic Studies*, March 2010
- * **McCaw-Bins A**, Lewis-Bell K, (correspondence). New modeled estimates of maternal mortality. *Lancet* 2010 June; 375 (9730): 1967-68.
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Book Chapters

- * **Figueroa JP.** The Challenge of Sexual Active School Children in the Caribbean in the era of HIV/AIDS. Challenging HIV & AIDS: A new role for Caribbean Education pages 167-173. Ed M Morrissey, M Bernard, D Bundy Ian Randle Publishers, UNESCO 2010.
- * **Figueroa JP.** Understanding Sexual Behaviour in Jamaica. “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. Oxford Textbook of Public Health; Vol 2, 810-824 Oxford University Press. 2009.
- * Bailey W, **McCaw-Binns A.** Barriers to integration of HIV & AIDS infected/affected children into the Jamaica school system. In: Morrissey M, Bernard M, Bundy D (editors). Challenging HIV and AIDS: new role for Caribbean Education. UNESCO & Ian Randle Publishers: Kingston, 2010; pp 140-154.
- * Paulette A. Ramsay, Vivienne A. Harding, Janice A. Cools, Ingrid A. Mc Laren. **Wendel A**, Shackled to the Past, Trapped in the Present. Blooming With The Pouis. (Book Chapter) Ian Randle Publishers, Kingston Miami. 2009.

Short Monographs

- * **De La Haye W** Pockets Handbook to Guideline for the Management of Nicotine Misuse – A quick guide

Technical Reports

- * **Peter Figueroa.** Epidemiology of HIV in Jamaica. Technical report prepared on behalf of the World Bank.

- * **Maria Jackson.** Associations of social and demographic factors with weight status of adults in Botswana. (30 pages)
- * **Maria Jackson.** Dietary Intakes of adults in Botswana and associations with weight status. (74 pages)
- * **Maria Jackson.** Proposed multi-nutrient fortification of sorghum/soya blend.
- * **Denise Eldemire-Shearer** and Mona Ageing & Wellness Centre. Disaster Guidelines for the Elderly

Special Report

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

Abstracts

- * G Lipps, **G A Lowe**, S Halliday, A Morris, N Clarke, & R Wilson. (2010). The Association of Academic Tracking to Depressive Symptoms Among High School Students in Three Caribbean Countries. *WIMJ*, 59 (Supl. 2), 44.
- * **G Lowe.** Association of parental involvement and school engagement with depressive signs among Jamaica High School students. *WIMJ* 2009; Vol 58 (supp 4) 19.
- * **A McCaw-Binns , D Holder-Nevins**, Alevander S, **Bailey A.** Adverse consequences of uninformed adolescence sex from sexuality transmitted infection to pregnancy abortion and natural death. *WIMJ*, 2009; Vol 58 (supp 4) 20.
- * Kahwa Ishenkumba, Elva Clarke and **Norbert Campbell.** Asbestos Abatement in Succabba, St. Catherine: Action-oriented Research. Newsletter of the Bioethics Society of the English-Speaking Caribbean Issue 3 Number 1 December 2009 available online at <http://www.bioethicscaribe.org.jm/Bioethics-dec2009.pdf>

- * **Henroy Scarlett, Tomlin Paul, Norbert Campbell and Satnarine Maharaj.** Bioethics as added value in an Environmental Health Programme for medical students. Newsletter of the Bioethics Society of the English-Speaking Caribbean Issue 3 Number 1 December 2009 available online at <http://www.bioethicscaribe.org.jm/Bioethics-dec2009.pdf>.
- * D Williams, K Foster-Williams, N Younger, M Samms-Vaughn, **A. McCaw-Binns**, D Ashley, G Sergeant. Succeeding academically despite perinatal socio-economic challenges. *WIMJ*, 2009; Vol 58 (supp 4) 34
- * **D Ferguson, S Maharaji, W Segree, K James**, Policies and plans to guide effective shelter management programmes post-disaster, a review of selected Caribbean countries. *WIMJ*, 2009; Vol 58 (supp 4) 41
- * JLM Lindo, **J LaGrenade, A. McCaw-binns**, M Boyne, **D Eldemire-Shearer**. Elucidation of comminuting as a possible contributor to stress among office-based employees in Kingston, Jamaica. *WIMJ*, 2009; Vol 58 (supp 4) 48
- * Weir SS, **Figueroa JP**, Hobbs M, Byfield L, Cooper C “What in a name; issues in defining most at risk populations”. 18th International Society for STD Research. London 28 June – July 2009. Abstract P3.136. www.isstdrlondon2009.com.
- * **JP Figueroa**, 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.
- * Cocaine Hydrochloride Metabolite Clearance in Cocaine Dependent Rats. N Gardner, A Wheatley, P Bahado-Singh, L Dilworth, **W De La Haye**, H Lowe, A Salako, E Morrison, H Asemota . *Journal of Arts Science and Technology*, July 2010; 4 (Suppl. 1) 30-31

- * The Use of Nutritional Supplements in Reducing Craving Associated with Cocaine Dependence. **De La Haye W**, Gardner N, Wheatley A, Bahado-Singh P, Luke K, Lowe H, Ahmad M, Salako A, Asemota H. 2nd International Conference on Drug Discovery and Therapy. Dubai, United Arab Emirates, Abstract, February 2010
- * Williams D, Foster-Williams K, Younger N, Samms-Vaughan M, **McCaw-Binns A**, Ashley D, Serjeant G. Succeeding academically despite perinatal socio-economic challenges. *WIMJ*, 2009; Vol 58 (supp 4) 24

CATEGORIES OF STUDENTS

Year 1	Health Care Concepts Introduction to Medical Practice (MDSC2202)	]	279 students
Year 2	Health and Environment (MDSC2105)		188 students
Year 3	Health Services Management] Web-based (MDSC3104) Understanding Research] (MDSC3200)		160 students

Clinical Rotations

Year 3	Psychiatry Community Health	]] Aspects of Family Medicine (MDSC3203)	160 students 160 students
Year 4	Psychiatry Community Health	]] (MDSC4002)	(MDSC4011) 127 students (MDSC4002) 127 students
Year 5	CommunityHealth	(MDSC5001)	139 students

Graduating Students

Other Students

Community Care of the Elderly	19 students
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Postgraduate

Master of Public Health	23 students
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Master of Public Health/Health Promotion	15 students
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DM Psychiatry	1 student
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PhD Public Health	3 students
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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, 2009 – July 31, 2010 saw the Department achieving most of the targets it had set for the period. The members of staff put their shoulders to wheel to create an advance academic environment for nurturing students, research and collaboration with other departments and universities. The memorandum of understanding drafted by the department re: Collaboration with the University of Minnesota was signed on behalf of the faculty in the year. This would facilitate students and staff exchanges between the Faculty of Medical Sciences at Mona and the training institutes at Hennepin County Hospital, Minnesota. An informal collaboration continues with the Mayo Clinic, Suny Downstate, New York, Toronto and London. There is a formal arrangement for training, staff exchange and research in nephrology with the University of Michigan organized through the International Society of Nephrology. This arrangement will also benefit the Pathology department in the development of the Nephropathology services. The Consortium for hypertension in the South Eastern United States (COSEHC) after a site visit to the Department and Faculty has made the Department one of its Centers of Excellence for Cardiovascular Disease in the world. Professor Everard Barton was recognized as Centre of Excellence Director for driving such excellence.



The Department had several visiting Professors: Richard Santen, (University of Virginia), Akinlolu Ojo (University of Michigan), Samuel Dagogo-Jack (University of Tennessee) and Emeritus Professor of

Medicine, George Nicholson (UWI) all of whom gave erudite lectures and held interactive tutorials with undergraduates and postgraduates.

The continuing medical education of healthcare professionals and the public through conferences/ seminars/ symposia/radio and television programmes continued. The Department successfully hosted its 2nd summer course with some lecturer support from the Department of Community Health and Psychiatry. Academic teaching conferences during the International vasculitis, cardiovascular and renal weeks were also successfully executed. These were also coupled with educational programmes to the public aimed at healthy life style. There was the 3rd annual International Conference on Nephrology and Hypertension by the Department and this was of a high standard and brought together local, regional and International clinicians and scientists in an excellent conference.

The Department continued its outreach programmes to strengthen Departments of Medicine at Mandeville and St Ann's Bay Hospitals and to create an academic and clinical environment for teaching students and for preventative and curative medicine. The Department also assisted with consultation services at Princess Margaret Hospital, St. Thomas, Jamaica and Kingston Public Hospital. Several members of staff are resource personnel on non-governmental organizations concerned with public health.

The training in sub-specialty areas in medicine has continued in nephrology and gastroenterology. All syllabuses for other sub-specialties (5) are completed and await institutional approval.

The Head of Department was instrumental in obtaining funding from a non-governmental organization to develop a web- based renal registry for Jamaica. This is completed and is in an implementation stage in collaboration with the Ministry of Health, Jamaica. The Department is also working with the Ministry of Health to set up a national renal registry. Meetings have also taken place with the Chief Medical Officers of the Caribbean, re: the Caribbean registry, which would be vital in providing data for policy formulation on not only renal disease but the non-communicable diseases that lead to kidney failure.

The teaching record of the Department remains strong (4.4) and at the undergraduate level the pass rate was between 90-95% with several honours and at the postgraduate level 95-100%. The most outstanding student of all four campus sites in the Medicine and Therapeutics examination was from the Mona Campus.

The following members of staff were honoured with the Fellowship of the Royal College of Physicians of Edinburgh: Professor Michael Lee, Dr. Rosemarie Wright-Pascoe and Dr. Milton Arthurs. Dr. Adedamola Soyibo and Dr. Dwight Whittle were awarded membership of the American College of Physicians.

Professor Michael Lee will assume Headship of the Department from August 1, 2010 and the Department gives him full support.

Grants totaled **JA\$9 million**.

PAPERS PRESENTED

Professor E.N. Barton

- Web-based Caribbean Renal registry. Caribbean Association of Nephrologists and Urologist, April 2010, Trinidad and Tobago

Dr. C. Collie

- Second Hand Smoke; A Clear and Present Danger. MAJ Symposium. June 2010

Dr. A. East-Innis

- An Unusual Case of Keratoderma. Caribbean Dermatology Association Annual Conference, November 2009, St. Lucia

Professor M. Lee

- Acid Peptic Disease: Answers to Burning Questions. October 2009, Kingston, Jamaica

- Dyspepsia. Annual Ena Thomas Memorial Conference, November 2009, Jamaica.
- Prevalence of Needlestick Injuries and Other High Risk Exposures Among Health Care Workers in Jamaica. Annual Faculty of Medical Sciences Research Conference, January 2009, UWI, Kingston, Jamaica
- Helicobacter pylori Infection In Children Undergoing Upper Endoscopy In Turks and Caicos Islands, BWI. Annual Faculty of Medical Sciences Research Conference, January 2010, UWI, Kingston, Jamaica
- Colon Cancer Screening. Colon Cancer Awareness Symposium. Jamaica Cancer Society and the Association of Consultant Physicians. March 2010, Kingston, Jamaica
- Screening of Colorectal Cancer. Caribbean Association of Oncology and Haematology Annual Conference. April 2010, Montego Bay, Jamaica.

Dr. K. Maloney

- Rheumatoid Arthritis: Tending, Mending and Spending. Continuing Education for Pharmacists, 2010, Kingston Jamaica
- Systemic Lupus Erythematosus and Pregnancy. Annual Lupus Symposium 2009, Kingston, Jamaica

Dr. A.K. Soyibo

- Acute Renal Failure in the Intensive Care Unit, December 2009, UHWI, Jamaica
- Anaemia in Chronic Kidney Disease. Renal Week Symposium, March 2010, Kingston, Jamaica
- Cardiovascular Disease in Jamaica: Rational for Management of Hypertensive Dyslipidaemia. May 2010, Kingston, Jamaica
- Novel Diuretic Therapy, June 2010, Kingston, Jamaica.

- Introduction of Web Based Caribbean Registry. Caribbean Association of Nephrologists and Urologists. April 2010, Trinidad & Tobago

Dr. D.O. Whittle

- Pathologies of Oesophagus, Stomach and the Liver. September 24, 2009, Kingston, Jamaica
- Helicobacter pylori in Turks and Caicos Islands. UWI Research Day, January 2010, Kingston, Jamaica
- Hypertension/Dyslipidaemia, March 18, 2010, Mandeville, Jamaica

Dr. R. Wright-Pascoe

- Clinical Practice Guidelines for the Management of Diabetes Mellitus. Diabetes Educators of the Caribbean Ltd. 5th Annual Clinical Conference, September 5-6, 2009, Kingston, Jamaica
- Health Care Financing – A Physician's View. The Jamaica Association of Health Service Executives Annual Conference, October 2009, UWI, Kingston, Jamaica.
- The Medical Management of the Pregnant Female with Hyperglycaemia. The IDF 2010 Guidelines. 16th Annual International Diabetes Conference. March 2010, Sunset Jamaica Grand, Jamaica
- New Approaches to Diabetes management: Maintaining Long-term Glycaemic Control. 16th Annual International Diabetes Conference. March 2010, Sunset Jamaica Grand, Jamaica
- Metabolic Benefits of Valsartan. Mandeville Regional Hospital and South Central MAJ Symposium, February 15, 2010, Mandeville, Jamaica.
- Managing Metabolic Syndrome. Medical Association of Jamaica's Annual Symposium, June 2010, Kingston, Jamaica

- Diabetic Nephropathy. March 2010, Cayman Islands
- Getting It Right: Improving Outcomes in Type 2 Diabetes Mellitus; Achieving A1C Target for Glycaemic Control. The Caribbean College of Family Physicians Workshop, January 2010, Kingston, Jamaica.
- Overview of Diabetes Mellitus – Making decisions About Drugs and When to Switch to Insulin. Kingston and St. Andrew (KSA) Primary Care Doctors Continuing Medical Education. April 2010, Edna Manley Clinic
- Role of Insulin in the Management of Global Cardiovascular Risk. Medical Associates Doctors Continuing Medical Education, June 2010, Kingston, Jamaica
- New and Developing Trends in Health Care Research and Management. College of Health Science, University of Technology, 2010 Health Professionals Conference, July 2010, Kingston, Jamaica
- Thiazolidinediones – The Ongoing Debate. Dr. Reddy's Continuing Medical Education, July 2010, Bloomfield Great House, Mandeville, Jamaica
- Treating Diabetes Mellitus Type II in 2010 and Beyond. Association of Consultant Physicians of Jamaica Annual Symposium, September 2009, Kingston, Jamaica.

Papers presented at the Department of Medicine Summer Course, July 2010, Kingston, Jamaica

Professor E.N. Barton

- Chronic Renal Failure and the Non-Nephrologist.

Dr. C. Collie

- Preventing Mortality in Asthma.

Dr. A. East-Innis

- The Physician's Guide to Dermatology

Dr. K. Maloney

- Clinical Features of Systemic Lupus Erythematosus
- Update on New Therapies For Systemic Lupus Erythematosus

Dr. A.K. Soyibo

- Slowing the Slippery Slope to Dialysis.
- Vasculitis and the Kidney

Dr. D.O. Whittle

- Upper Gastrointestinal Bleeding.

Dr. W. Williams

- Angiotensin Converting Enzyme Inhibitors, Angiotensin Receptor Blockers, Direct Renin Inhibitors and their Effects on Kidney Diseases.
- Lupus Nephritis: Best Practices.

Dr. R. Wright-Pascoe

- Approach to the Patient with Short Stature.
- Treatment of Diabetes mellitus.

Papers presented at the 2nd Annual Conference on Nephrology and Hypertension, January 2010, Montego Bay, Jamaica

Professor E.N. Barton

- Peritoneal Dialysis Outcome.

Dr. K. Maloney

- Systemic Lupus Erythematosus and the Rheumatologist

Dr. A.K. Soyibo

- Membranous Glomerulonephritis in Jamaica.
- Obesity Related Kidney Disease.
- Peritoneal Dialysis Outcome at the University of the West Indies.
- Web-Based Renal Registry

Dr. W. Williams

- Fetal Origin of Renal Diseases
- Lupus Nephritis Update

PUBLICATIONS

West Indian Medical Journal = WIMJ

Peer Reviewed Papers

- * **E.N. Barton**, HIV/AIDS: Various issues explored *WIMJ* 2010; 59: (4) 345-7
- * M. Miller, M. Gooden, D, Shah, **A.K. Soyibo**, J Williams, **E.N. Barton**. Renal Biopsy Findings in Jamaican Children, *WIMJ* 2010; 59: 325-329
- * C. Lawal, **A.K. Soyibo**, A. Frankson, **E.N. Barton**. Characteristics, Complications and Outcomes of Patients Treated with Automated Peritoneal Dialysis, *WIMJ* 2010; 59: 312-318
- * G.E. Lipps, G.A. Lowe, W de LaHaye, S. Longman **E.N. Barton**, **T.R. Clarke**, B. Bain. Validation of the Beck Depression Inventory-11 in HIV-Positive patients, *WIMJ* 2010; 59:4: 374-379
- * **T.R. Clarke**, R.C. Gibson, G. Barrow, W.D. Abel, **E.N. Barton**. Depression Among Persons Attending HIV/AIDS Outpatient Clinic in Kingston, Jamaica, *WIMJ* 2010; 59: 369-373

- * **T.R. Clarke**, R.C. Gibson, G. Barrow, W.D. Abel, **E.N. Barton**. Disclosure of HIV Status Among HIV Clinic Attendees in Jamaica, *WIMJ* 2010; 59: 445-449
- * **T.R. Clarke** G Barrow, D. Thompson, R.C. Gibson, **E.N Barton**. Response to First Line HAART Using CD₄ Cell Count: Experience in a University Hospital in Kingston, *WIMJ* 2010; 59: 439-444
- * G. Barrow, **T.R. Clarke**, **E.N. Barton**. An Analysis of Three Opportunistic Infections in an Outpatient HIV Clinic in Jamaica, *WIMJ* 2010; 59: 393-399
- * **T.R. Clarke**, G. Barrow, **E.N. Barton**, **D.T. Gilbert**. Spinal Tuberculosis in HIV- Positive Males, *WIMJ* 2010; 59: 453
- * J. Duncan, Y. Grant, **T.R. Clarke**, K.M. Harvey, R.C. Gibson, G. Barrow, W.D. Abel, **E.N. Barton**, J.P. Figueroa. Sociodemographics and Clinical Presentation of HIV in Jamaica over 20 years: A comparative Analysis of surveillance, *WIMJ* 2010; 59: 409-417
- * W de LaHaye, **T.R. Clarke**, G. E. Hipps. G. A. Lowe, S Longman-Mills, **E.N. Barton**, B. Bain. Patterns of Depressive symptoms in patients with the Human Immunodeficiency virus, *WIMJ* 2010; 59: 380-385
- * **M.G. Lee**, H. Emery, **D.W. Whittle**, D. Jackson, **E.K Donaldson**. Helicobacter pylori Infection In Children Undergoing Upper Endoscopy In Jamaica, *Internet Journal of Tropical Medicine* 2009; (5) 2
- * J. Plummer, N. Williams, P. Johnson, **M.G. Lee**. Left Colon and Liver Haemangiomas, *Canadian Journal of Surgery*. 2009; 52:195-196
- * K. Thame, T. James, N.P. Williams, M.F. Smikle, **M.G. Lee**. Helicobacter Pylori Infection In Children Undergoing Upper Endoscopy In Jamaica, *Internet Journal of Gastroenterology*. 2010; (9), 2

- * T.M. Foster, **M.G. Lee**, C.D. McGaw, M.A. Frankson. Prevalence of Needle-stick Injuries and Other High Risk Exposure Among Healthcare Workers in Jamaica, *WIMJ* 2010; 59: 153-158
- * T.M. Foster, **M.G. Lee**, C.D. McGaw, M.A. Frankson. Knowledge and Practice of Occupational Infection Control among Healthcare Workers In Jamaica, *WIMJ* 2010; 59: 147-152
- * M. Walwyn, A. Nicholson, **M.G. Lee**, G. Wharfe, M.A. Frankson. Febrile Neutropenia in Jamaica, *WIMJ* 2010; 59: 209-214
- * R. Alfred, **A.K. Soyibo**. A Case of Lupus-Associated Pancreatitis. *WIMJ* 2010; 59: 338-341
- * R. Alfred **A.K. Soyibo**. Mycophenolate Mofetil in Minimal Change Nephrosis, *WIMJ* 2010; 59: 330-331
- * M. Gooden, M. Miller, D. Shah, **A.K. Soyibo**, J. Williams, **E.N. Barton**. Clinicopathological Features of Atypical Nephrotic Syndrome in Jamaican Children, *WIM* 2010; 59: 319-324
- * R. Alfred, L Buchner-Daley, **A.K. Soyibo**, D. Brady-West, R. Hardy, D. McGrowder. Late Onset Fanconi's Anaemia in an Afro-Caribbean, *National American Journal of Medicine* 2010; 102: 132-134
- * Y. Fraser, **A.K. Soyibo**, D. McGrowder, **T.R. Clarke**, **E.N. Barton**. The Importance of Bone Biomarkers in the Diagnosis of Renal Osteodystrophy, *WIM* 2010; 59: 332-337
- * **D.O. Whittle**, R. Ewing, **M.G. Lee**. The Prevalence of Helicobacter pylori Infection in patients undergoing upper Gastrointestinal Endoscopy in the Turks and Caicos Islands, *WIMJ* 1020; 59: 309-311
- * **D.O. Whittle**, **M.G. Lee**, B. Hanchard. Juvenile Polyposis Syndrome, *WIMJ* 2010; 59: 306-308

- * K. Foster-Williams, N. Younger, A. Brown-Dennis, D.E. Ashley, A. McCain-Binns, M. Samms-Vaughn, **W. Williams**, G.R. Serjeant. Perinatal Factors in students admitted to the University of the West Indies: Data from the Jamaican Perinatal Study, *WIMJ* 2010; 59: 295 - 299
- * R.C. Gibson, S. Jackson, W.D Abel, **R. Wright-Pascoe, T.R. Clarke, D.T. Gilbert, E.N. Barton**, HIV Seroprevalence among Hospital Inpatients with Neuropsychiatric and other Central Nervous System Disorders, *WIMJ* 2010; 59: 434 - 438
- * **R.A. Wright-Pascoe**. Clinical Features of Spontaneous Hypothyroidism in a Physician's Practice in Jamaica, *International Journal of General Medicine* 2010; 3: 137-141
- * T.S. Ferguson, M.K. Tulloch-Reid, N.O. Younger, M.S. Boyne, **R.A. Wright-Pascoe, V.E. Elliot**, J. Vanden-Brook, R.J. Wilks. Cardiovascular Disease Among Diabetic Inpatients at a Tertiary Hospital in Jamaica, *Diabetic Vascular Disease Review* 2010; 7 (3) 24 -2
- * J.L. Mills, R.R. Irving, E.G. Choo-Kang, **R.A. Wright-Pascoe**, A.A. Mullings, E.Y. Morrison, L. Gabay. Multigenerational Inheritance and Clinical Characteristics of Three Large Pedigrees with Early Onset Type 2 Diabetes In Jamaica, *Rev Panam Salud Publica* 210; 27(6): 435-441
- * M.K. Tulloch-Reid, M.S. Boyne, M.F. Smikle, E.G. Choo-Kang, R.H Parks, **R.A. Wright-Pascoe, E.N. Barton**, D.E. Williams. Clinical and Laboratory Features of Youth Onset Type 2 Diabetes in Jamaica, *WIMJ* 2010; 59: 131-138

Abstracts in Peer Reviewed Journal

- * **B. Anglin-Brown**, J. Mullings, J. Garvey-Henry. Lessons Learned in Scaling-up and Integrating HIV Testing in a Primary Healthcare Facility: The Counselling, Testing and Intervention Programme, *WIMJ* 2010; 59: 57

- * **S.N. Chin**, M.S. Boyne, D. McGrowder, T.N. Gibson, C.A. McKenzie. The Predictive Value of Urinary VMA Testing in the Diagnosis of Pheochromocytoma at the University Hospital of the West Indies, *WTMJ* 2010; 59: 48
- * F. Gayle, **A.K. Soyibo**, **D.T. Gilbert**, **E.N. Barton**. Quality of Life in End Stage Renal Disease: A Multicentre Study, *WTMJ* 2009; 59: 50-51
- * C.O. Lawal. **A.K. Soyibo**, A. Frankson, **E.N. Barton**. Characteristics, Complications and Outcome in Patients Treated with Automated Peritoneal Dialysis at the University Hospital of the West Indies, *WTMJ* 2009; 59: 36
- * **M.B. Lawrence-Wright**, M.S. Boyne, C. Osmond, R. Fraser, M.M. Thame, S. Soares-Wynter, M. Reid, T.E. Forrester. Early Life Origins of Left Ventricular Mass and Arterial Stiffness in Jamaican Children, *WTMJ* 2010; 58:29
- * **M.B. Lawrence-Wright**, H.A. Brown, S. Shah, M. Frankson, S. Lawrence, **D.T. Gilbert**, I.W. Crandon. Risk Factor Burden Predicts Cardiovascular Disease: Presentation and Severity of Carotid Stenosis in a Black Caribbean Population, *WTMJ* 2009; 58: 4: 31-32
- * S. Leslie, W. West, **T.R. Clarke**, D. Brady-West, K. Hill, P. Johnson. CT Brain Findings in HIV-Positive Patients with Acute Clinical Presentations, *WTMJ* 2009; 58:37
- * J. Mullings, **B. Anglin-Brown**, J. Garvey-Henry. Counselling, Testing and Intervention: Integrating and Scaling-up HIV Testing in a Primary Healthcare Facility, *WTMJ* 2009; 58: 50
- * **R. Wright-Pascoe**. Developments in Medical Sciences, *Journal of Arts, Science and Technology* 2010; 4:23-24
- * **R. Wright-Pascoe**. New Approaches to Diabetes Management: Maintaining Long-Term Glycaemic Control, *WTMJ* 2010; 59:31

- * **R. Wright-Pascoe.** The Medical Management of the Pregnant Female with Hyperglycaemia: The IDF Guidelines, *WIMJ* 2010; 59:23

PUBLIC SERVICE

Professor E.N. Barton

- Volunteer, Outreach Programme: St. Ann, Manchester, St. Mary, St. Elizabeth. Health Education, Preventative and Clinical Care.
- Resource Person, Lupus Foundation
- Resource Person, Kidney Support Foundation
- Member, Medical Review Panel, Ministry of Health
- Coordinator, for Establishing, Renal Services. Mandeville

Dr. C. Collie

- Chairman, Board, Pre-University School
- Chairman, Board, Ayrton Distributors Limited
- Board Member, University Council of Jamaica
- Board Member, Caymanas Track Limited

Dr. A. East-Innis

- Vice President, Caribbean Dermatology Association

Professor M. Lee

- Chair, Medical Committee, Food for the Poor
- Member, Medical Review Panel. Ministry of Health , Jamaica
- Member, Board of Executive, Food for the Poor

Dr. K. Maloney

- Member, Fundraising for the Lupus Foundation, Public Education and Promotion of Lupus Awareness

Dr. D.O. Whittle

- Volunteer, Gastroenterology Clinic, Princess Margaret Hospital, Morant Bay, St. Thomas.
- Mentoring, Morant Bay High School, St. Thomas
- Medical Resource Personnel, Health Fair, Morant Bay
- Medical Resource Personnel, Health Fair, St. Patrick's Foundation, Seaview Gardens

Dr. R. Wright-Pascoe

- Medical Resource Personnel, Diabetes Association of Jamaica
- Member, Diabetes Advisory Board
- Member, Council of the University of Technology
- Member, Board of Management, Medical Association of Jamaica Insurance Fund
- Chairman, Board of Central Medical Laboratory
- Member, Organizing Committee, Association of Consultant Physicians(ACPJ) 2010 Scientific Symposium.

Dr. A.K. Soyibo

- Volunteer, Outreach Programme to St. Elizabeth, Manchester, St. Mary: Health Education Preventive Care, Clinical Care

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 Special Care Unit which comprises of a neonatal intensive care unit. The main subspecialties are infectious diseases, development and behavioural paediatrics, cardiology, gastroenterology, neonatology, nephrology, neurology, endocrinology, 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 island and the Caribbean. The section of Child Health successfully staged the 4th

Biennial Section of Child health Conference, Paediatric Cardiology- the Jamaican Perspective: Challenges, Advances and Updates April 18th 2010. This conference saw excellent presentations by a multidisciplinary faculty of esteemed experts from Jamaica and the United States. There were approximately 150 registrants including paediatricians, general practitioners, nurses physiotherapists, medical and nursing students.

Minority International Research Training (MIRT) Programme

National Institutes of Health

The MIRT programme, jointly coordinated by Michigan State University (MSU) and the Section of Child Health, and funded by the NIH is now in its 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, 2005 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 Counselling, 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.

Sterility & Fertility

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

Income Generation: External Research Funding and Grant Support

Christie CDC (Principal Investigator), Pierre RB. (Co-Principal Investigator). “Protecting our future generations: Born free of HIV in the Caribbean”. Caribbean Multi-Country Proposal, submitted by the UWI as the Principal Recipient, collaborating with Pan American Health Organization (PAHO) through it PAHO HIV/AIDS Caribbean Office (PHCO) and Caribbean Medical Laboratories Foundation (CMLF) as sub-recipients, To the Global Fund for HIV/AIDS, Tuberculosis and Malaria. Round 10. Grant amount to UWI: **US\$29,084,106.00**

Pierre RP and **Christie CDC**. (Co-Principal investigators). National Institutes of Health/Fogarty Research Fellowship (Dr Samantha Walker), between Vanderbilt University Global Health Program and the UWI to

study “Neuro-cognitive Function in HIV-Positive Children in a Developing Country”, from July 1, 2010 to June 30, 2011. Total grant amount to the UWI, **US\$66,156.00**.

Christie CDC. (Principal Investigator) Jamaica Pediatric, Perinatal and Adolescent 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 (2 years). Total grant amount to UWI \$58,352,335.00 Jam (**About US\$700,000**).

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 > US\$650,000, total amount to UWI **US\$112,000**.

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, **US\$189,000**, (US\$27,000 per annum for 7 years).

Dr. R. Melbourne Chambers, Research Grant from LeBonheur Children’s Hospital Memphis Tennessee; Title; Validation of a new Questionnaire for detection of epileptic seizures in children : **Funds US\$9,182.75**

Primary Investigator: AM Pottinger - Impact of infertility and in vitro fertilization treatment on child development and quality of parenting.

Professor M. Samms-Vaughan, 2009-2011 Epidemiological Research on Autism in Jamaica. Collaborative Project with the University of Texas at Houston. Funded by National Institutes of Health, National Institutes of Child Health and Development and Fogarty International Centre. **US\$108,00.00**

Principal Investigator: M. Thame; Co Investigators: Professor F. Jahoor and Professor Alan Jackson. Source: International Atomic Energy Agency (IAEA), Vienna; Title: Relationship between maternal nutritional status and pregnancy outcome. Protocol 3. **Funds: £10,000.00**

Principal Investigator: M. Thame Co Investigators: Professor F. Jahoor and Professor Alan Jackson. Source: Caribbean Health Research Council. Title: Relationship between maternal nutritional status and pregnancy outcome. Protocol 3; **Funds: US\$8,680.00**

PAPERS PRESENTED

- Butler B, Scott C, Richards – Dawson MA, **Trotman H.** Congenital heart disease in neonates: the Bustamante Hospital for Children experience. XXV Caribbean Cardiology Conference July 2010.
- Butler B, Scott C, Richards – Dawson MA, **Trotman H.** Congenital heart disease in neonates: the Bustamante Hospital for Children experience. FMS 18th Annual Research Conference November 2009 (poster).
- **Fletcher H** 2009. Knowledge Attitudes of Doctors toward abortion in Jamaica. FMS Conference UWI
- **Fletcher H** 2010. Fibroids in Pregnancy. Mandeville Hospital annual Obstetrics and Gynaecology conference.
- **Fletcher H** 2010. The Ethics of Abortion what do Jamaican Doctors know. Presentation to Doctors in Clarendon at Juicy beef centre
- **Fletcher H** 2010. Update on the management of cervical cancer. Caribbean Association of Clinical Haematologist and Oncologists Holiday Inn Montego Bay
- **Fletcher H** 2010. Fibroids in Pregnancy. Clinico Pathological Conference UWI
- **Fletcher H** 2010. An update on the management of Gynaecological Malignancies. Grabham Society Conference Jamaica Pegasus Hotel
- **Pottinger A.** “Rebuilding lives after divorce”. Jamaica Psychiatric Annual Workshop, The Jamaica Pegasus Hotel, Kingston, Jamaica, August 16th 2009

- Hyde CD, Grossell-Williams M, Hunter T, **Simms-Stewart D**, McGrowder D, **Fletcher H**, Choo-Kang E. Pumpkin Seed Oil Supplementation improves HDL and LDL cholesterol in Post-Menopausal Women: A Random Double-Blind Pilot Study. The FASEB Journal 588.6
- **Thame M**, The effect of growth and body composition on the onset of puberty: longitudinal observations in Afro-Caribbean children. 6th World Congress, Developmental Origins of Health and Disease. November 2009, Santiago, Chile_
- **Thame M**, Children having children: pregnancy outcomes. Workshop on Child Health: From the Womb to Adolescence. November 2009 Jamaica_
- A Harrison, G Gordon-Strachan, **R Pierre**, S Campbell-Forrester, K Leslie. Adolescent Health Screening by physicians in Jamaica. International Association of Adolescent Health (IAAH) World Congress Conference, 28-30 October 2009. Kuala Lumpur Malaysia.
- Regis Kreitchmann, R Cohen, J Pinto, T Abreu, E Szyld, M Losso, R Succi, J Alarcon, **R Pierre**, and J Read. Mode of Delivery and Neonatal Respiratory Morbidity Among HIV-Exposed Infants from Latin America and the Caribbean: The NISDI Perinatal Study. (Poster) 17th Conference on Retroviruses and Opportunistic Infections, February 16-19, 2010, Moscone Center West, in San Francisco, CA [Abstract 929].
- **Pierre RB**, Olugbuyi O, Scott C, Morais P, Millard D. Kawasaki Disease: the Jamaican Experience. Section of Child Health UWI 14th Biennial Child Health Conference. Sunday, April 18, 2010, Main Medical Lecture Theatre, FMS, Mona.
- Walker S, **Pierre R**, Chang-Lopez S, Christie C. Kingston Paediatric and Perinatal HIV/AIDS Programme (KPAIDS) Research Group. Neurocognitive function in HIV positive children in a developing country. XVIII International AIDS

Conference (AIDS 2010), Vienna, Austria, July 19-22, 2009 [Abstract MOAB0401].

- **Christie CDC.** Pediatric and Perinatal HIV/AIDS in Jamaica. Emerging Trends in Medicine. Class of 1979 UWI Medical Class 30th General Practitioners Association of Jamaica, Ritz Carlton Hotel, Montego Bay, Jamaica. Sat., 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.
- **Christie CDC.** Pediatric, Perinatal and Adolescent HIV/AIDS in Jamaica. Regional Conferences in Mandeville (November 2009), Ocho Rios (December 2009), Montego Bay, (January 2010) and Kingston and St Andrew (February, 2010), Jamaica.
- **Christie CDC.** “Ja-Youth” (Jamaican Teens) and HIV: The New Challenge. Montego Bay, (Jan 2010) and Kingston and St Andrew (Feb 2010), Jamaica.
- **Christie CD.** Elimination of vertical transmission of HIV/AIDS. June 29, 2010. Ocho Rios, Jamaica.
- **Samms-Vaughan ME.** Gender Differences in Achievement at the Early Childhood Level. World Bank, Commonwealth Secretariat and UWI Conference on Boys and Education. Mona Visitors Lodge. UWI. June, 2010.
- **Samms-Vaughan ME.** Inter-Institutional Co-ordination in Jamaica: The National Strategic Plan for Early Childhood Development. Conference on Models of Early Childhood Service Delivery: Policy and Operational Lessons for the Andean Region. Inter-American Bank and Inter-American Institute for Economic and Social Development. Quito, Ecuador. July 2010.
- **Samms-Vaughan ME.** The National Strategic Plan for Early Childhood Development in Jamaica. National Forum on Quality Education 2010: Celebrating Colombia’s Bicentennial. Bogota, Colombia. July, 2010.

PUBLICATIONS

- * **Trotman H**, Garbutt A. Predictors of outcome of neonates with hypoxic ischaemic encephalopathy admitted to the neonatal unit of the University Hospital of the West Indies. *J Trop Pediatr*. 2010, Jun 4. [Epub ahead of print]
- * Tomlinson TW, Scott CH, **Trotman HL**. Congenital cardiovascular lesions in children with trisomy 21 at the Bustamante Hospital for children. *Cardiol Young*. 2010; 20:327-31.
- * Eulalia Kahwa, Novie Younger, Yvonne Wint, Norman Waldron, Hermi Hewitt, Jennifer Knight–Madden, **Kay Bailey**, Nancy Edwards, Laurel Talabere, Karen Lewis–Bell. The Jamaica Asthma and Allergies National Prevalence Survey: Rationale and methods. *BMC Medical Research Methodology* 2010; 10:29
- * Samuels LA, **Rattray C**, Bambury I, **Fletcher H**, **Mitchell S**. Outcome of radical hysterectomies performed by general gynecologists in Jamaica. *Int Jour Obstet Gynecol* 2009 107: 111-113
- * **Fletcher H M**, Gibson R, Williams N P, Wharfe G, Nicholson and Soares D. A woman with diabetes presenting with pyomyoma and treated with subtotal hysterectomy: a case report. *J Med case rep* 2009 3:7439
- * **Fletcher H**, Wharfe G, Williams NP, Gordon-Strachan G, Pedican M, Brooks. A Venous thromboembolism as a complication of uterine fibroids: A retrospective descriptive study. *J Obstet Gynaecol*. 2009 Nov; 29(8):732-6
- * Buchanan K **Fletcher H** Reid M. Prevention of striae gravidarum with cocoa butter: a placebo controlled trial. *In Jour Gynaecol and Obstet*, 2010 Jan;108(1):65-8.
- * Allen-Davis W, **Fletcher H**, Davis C, Frankson M. Commonly used botanicals and vitamins and their impact on blood pressure

and blood loss in surgical gynaecology patients. *J Obstet Gynaecol.* 2010 Apr; 30(3) :272-6

- * **Thame M, Fletcher H,** Baker T, Jahoor F A comparison of glucose kinetics in adolescent girls and adult women during pregnancy. *American Journal of Clinical Nutrition* 2010, 91;1
- * **Thame M, Fletcher H.** Baker T, Jahoor F. Comparing the in vivo glycine fluxes of adolescent girls and adult women during early and late pregnancy. *Br J Nutr.*, 2010 Mar 25;1-5. [Epub ahead of print]
- * **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 Improves Quality Of Life in Jamaican Children with Asthma. *Annals of Tropical Paediatrics* 009; 29:203-208
- * Simms-Stewart D, **Thame M,** Hemans-Keen A, Hambleton I, Serjeant GR. Retained Placenta- A complication of pregnancy in homozygous sickle cell disease. *Obstet Gynecol.* 2009; 114(4): 825-828.
- * Boyne MS, Thame M, Osmond C, Fraser RA, Gabay L, Reid M, Forrester TE. Growth, body composition, and the onset of puberty: longitudinal observations in Afro-Caribbean children. *J Clin Endocrinol Metab.* 2010 Jul;95(7):3194-200. *Epub* 2010 Apr 28.
- * **Trotman H,** McGregor D, Thomas S, Olugbuyi O, Barton M Pneumococcal meningitis in Jamaican children. *West Indian Med J* 2009;58:585-88.
- * Garbutt A, **Trotman H.** Outcome of neonates with hypoxic ischaemic encephalopathy admitted to the neonatal unit of the University Hospital of the West Indies. *Ann Trop Paediatr* 2009; 29: 263-269.

- * Ferguson, TS, Tulloch-Reid MK, Younger NO, Knight-Madden JM, **Samms-Vaughan M**, Ashley D, Van den Broeck J, Wilks RJ. Prevalence of the metabolic syndrome and its components in relation to socioeconomic status among Jamaican young adults: a cross-sectional study. *BMC Public Health*. 2010 Jun 3; 10:307.
- * McCaw-Binns A, Ashley D, **Samms-Vaughan M**. Impact of the Jamaican birth cohort study on maternal, child and adolescent health policy and practice. *Paediatr Perinat Epidemiol*, 2010 Jan; 24(1):3-11.
- * Tang Y, Huang S, Dunkley-Thompson J, Steel-Duncan JC, Ryland EG, St John MA, Hazraa R, **Christie CD**, Feeney ME. Correlates of spontaneous viral control among long-term survivors of perinatal HIV-1 infection expressing human leukocyte antigen-B57. *AIDS*, 2010 Jun 19; 24(10):1425-35.
- * Mussi-Pinhata MM, Motta F, Freimanis-Hance L, de Souza R, Szyld E, Succi RC, **Christie CD**, Rolon MJ, Ceriotta M, Read JS; for the NISDI Perinatal Study Group. Lower respiratory tract infections among human immunodeficiency virus-exposed, uninfected infants. *Int J Infect Dis*. 2010 May 7.
- * **Wynter SH, DaCosta VE, Harriott JA**, Christie LR, **Frederick J**, Everett-Keene DM, Foster RA, Walters YH. In-vitro fertilization: donor egg sharing for premature ovarian failure. *WTMJ*, 2009 Dec;58(6):593-5
- * **DaCosta V**, Christie L, **Wynter S, Harriott J, Frederick J**. Uterus bicornis bicollis, imperforate hemivagina and ipsilateral renal agenesis: case report and literature review. *WTMJ*. 2009 Sep;58(4):379-82.
- * **Pottinger AM, Trotman-Edwards H**, Younger N. Detecting depression during pregnancy and associated lifestyle practices and concerns among women in a hospital-based obstetric clinic in Jamaica. *Gen Hosp Psychiatry*. 2009 May-Jun; 31(3): 254-61.

- * **Fletcher H.** Re: Han JY, Choi JS, Chun JM, Park HD, Lee SY, Kim CH et al. 2009. Pregnancy outcome of women transfused during pregnancy with blood products inadvertently obtained from donors treated with acitretin. *Journal of Obstetrics and Gynaecology*, 29:694-697. 2010 Apr; 30 (3):333
- * **Pottinger AM** and Gordon Stair A(2009). Bullying of students by teachers and peers and its effect on the psychological well-being of students in Jamaican schools. *Journal of School Violence*, 2009: 8 (4), 312-327.
- * **Pottinger AM** (2009). Implementation of a training programme on grief management for teachers in inner-city primary level schools in Jamaica. *Journal of the Children's Issues Coalition*, 2009: 4, 80-92.
- * **Pottinger AM** (2009). Psychological outcomes associated with exposure to violence co-occurring in multiple settings for Jamaican children: home, school and community. *Journal of the Children's Issues Coalition*, 2009: 4, 93-111.
- * **Pierre RB**, Branday JM, **Pottinger A**, Wierenga A (2010). Students' perception of the 'educational climate' at the Faculty of Medical Sciences, The University of the West Indies, Jamaica, *WTMJ*, 59 (1) 45-49.
- * Jaggon J, Bishop K, Pedican M, Halliday W, **Melbourne-Chambers R**, Tapper J. Atypical teratoid/ Rhabdoid Tumour: An unusual Variant of a rare entity. *The Internet Journal of Oncology* 2009 6:
- * Jaggon J, Bolt C, **Melbourne-Chambers R**, MooSang M. Acute Haemorrhagic Leukoencephalitis in a patient with Sickle Cell disease. *The Internet Journal of Pathology* 2009 8:
- * Joao EC, Calvet GA, Krauss MR, Freimanis Hance L, Ortiz J, Ivalo SA, **Pierre R**, Reyes M, Heather Watts D, Read JS; NISDI Perinatal Study Group. Maternal antiretroviral use during pregnancy and infant congenital anomalies: the NISDI perinatal study. *J Acquir Immune Defic Syndr*. 2010 Feb 1; 53(2):176-85.

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- * 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*, 2009 Sep; 83(17): 8616-27. [IF – 5.34]
- * Gray, P & **Samms-Vaughan M**. Investigating potential hormonal associations of grandmaternal care in Jamaica. *Internet Journal of Biological Anthropology*. 2010 Volume 4; 1

Technical Report

- * Report on Administration of October / November 2009 Caribbean Association of Medical Councils Registration Examination. **RB Pierre**, A McDonald (Editors). UWI
- * Report on Administration of April / May 2010 Caribbean Association of Medical Councils Registration Examination. **RB Pierre**, A McDonald (Editors). Office of the Dean, Faculty of Medical Sciences, The University of the West Indies, Jamaica, May 2010. Report submitted to the Board of the Caribbean Association of Medical Councils.

Non Refereed Journal

- * **Fletcher H**. Environmental hazards in pregnancy and risks to the baby, *Carib Xplorer*, 2010, 2:27-8

Book Chapter

- * **Pottinger AM** (2010). Audience perception of coverage of violence in prime time news and the print media. In M de Bruin

and C Robinson (Eds) Media and Violence in Jamaica (pp 58-63). Kingston: Arawak Publications

Abstracts

- * **Fletcher H**, Gordon Strachan G, McFarlane S, Hamilton P and **Frederick J**. Abortion survey of medical practitioners views. *WIMJ*, (Supp 4)2009 58:21
- * **Fletcher H**. Non Obstetric Lower Genital Injuries. *WIMJ*, (Supp 2)2010 P 17 59:45
- * Hustedt J, **Christie CD**, Hustedt MM, Esposito D. and **Vasquez M**. Sero-epidemiology of Human Bocavirus Infection in young children in Kingston, Jamaica. Infectious Diseases Society of America 48th Annual Conference, Vancouver, British Columbia, Canada, October 2010, Poster presentation, Abstract # 2464.
- * Rahbar MH, Loveland KA, **Samms-Vaughan ME**, Boerwinkle E, J.Bressler J, del Junco D, Pearson DA2, Assassi P, Pellington S, Grove ML, Bloom K, Beecher C, Brook K and Ardjomand-Hessab M. Gene-Environment Related Epidemiological Research on Autism in Jamaica. Conference Proceedings. 9th Annual International Meeting For Autism Research, May 2010. Philadelphia, USA.
- * 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.
- * T. Laughton, G. Gordon-Strachan, **M. Thame**. Breastfeeding challenges in preterm infants compared to full term infants at the University Hospital of the West Indies. *WIMJ*, 2010; 59(Suppl.2):16.

PUBLIC SERVICE

Chambers, MR

- Past president, Paediatric association of Jamaica
- Member, Medical Association of Jamaica
- Secretary, Jamaican League against Epilepsy
- Chairperson, Serious case review panel- Child Development Agency
- Member, Panel to review of Licences for Residential Child Care facilities (RCCF) Child Development Agency

Christie CD

- Elected Member, Governing Council of the International AIDS Society, representing Latin America and the Caribbean
- Co-Chair, Pharmaceutical Industry Liaison Forum, International AIDS Society
- Fellow, Infectious Diseases Society of America
- Member, Pediatric Infectious Diseases Society of America
- Founding Member, HIV Medicine Association of America
- Member, International Association of Physicians in HIV/AIDS Care
- Member, International Society for Infectious Diseases
- Vice Chancellor's Representative, UWI, to the Executive, Center for HIV/AIDS Research and Training (CHART)

Fletcher H

- Reviewer, *West Indian Medical Journal*
- Reviewer, *Journal of Obstetrics and Gynaecology* (UK)
- Reviewer, *International Journal of Obstetrics and Gynaecology* (USA)

Pierre R

- Reviewer, *West Indian Medical Journal*; Faculty of Medical Sciences, The University of the West Indies, Jamaica

Pottinger, A

- Coordinator, Psychological services for In Vitro Fertilisation programme, Fertility Management Unit
- Member, Case Management Committee, Counselling Unit, University Health Centre
- Disaster Mental Health Responder, Jamaica Red Cross, West Kingston civil unrest

Samms-Vaughan, M

- Chair, Early Childhood Commission,
- Director, National Council on Education
- Member, National Advisory Council on Disabilities
- Member, Advisory Committee on Early Childhood Development in Latin America and the Caribbean, Inter-American Development Bank (IDB)
- Consultant to the IDB. Regional Project on Indicators and Statistics for Early Childhood Development

Thame M

- Reviewer, *West Indian Medical Journal*
- Reviewer, *BMC Pregnancy and Childbirth*
- Reviewer, *European Journal of Clinical Nutrition*
- Reviewer, *Public Health Nutrition*
- Reviewer, Paediatrics and Perinatal Epidemiology
- Reviewer, Archives of Diseases in Childhood

HONORS AND AWARDS

Professor Celia Christie

- 2010 Co-Chair, Pharmaceutical Industry Liaison Forum, Governing Council of the International AIDS Society, representing Latin America and the Caribbean.

- 2009 Principal's Research Award, for **Most Outstanding Research Activity**, Faculty of Medical Sciences, University of the West Indies, "*Pediatric and Perinatal HIV/AIDS in Jamaica*", *Special Compendium of 20 original research manuscripts in, West Indian Medical Journal*, 2008; 57(3); 187-320, to Professor Celia DC Christie-Samuels and collaborators
- 2009 "*David Karzon Lecturership*", Department of Pediatrics, Grand Rounds, Vanderbilt University, Nashville, Tennessee, USA

CATEGORIES OF STUDENTS:

Post doctoral studies in Pediatric and Perinatal HIV/AIDS:

Dr Kaye Lewis (Year two) and Dr Samantha Walker (Year one)

DEPARTMENT OF PATHOLOGY

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

SUMMARY

The Department of Pathology is engaged in teaching, research and service and is composed of various subdepartments and units, the major ones being Anatomical Pathology, Chemical Pathology and Haematology. Our laboratories/service units are Histology, Cytology, Autopsy, Clinical Chemistry, Routine Haematology, Blood Bank and Cytogenetics, and we also have Flow Cytometry and Immuno-histochemistry subunits.



There are 19 full-time members of academic staff and one half-time lecturer (shared with the Department of Medicine) – Anatomical Pathology: 5 Professors, 4 Senior Lecturers, 2 Lecturers; Chemical Pathology: 1 Professor, 2 Senior Lecturers; Haematology: 1 Senior Lecturer, 4 lecturers, 1 half-time lecturer. In addition to teaching undergraduate and postgraduate students in the MBBS and DM programmes respectively, the academic staff also provides consultation services to the University Hospital of the West Indies in the subspecialties in laboratory pathology, as well as in clinical haematology and oncology. All are also actively engaged in research.

In addition to the academic staff, there are 40 full-time medical and laboratory technologists and administrative, secretarial and clerical staff, photographers, laboratory attendants, etc, giving a total staff complement of 100.

Commercialization

We continued to generate some income by way of fee collection for outpatient tests performed for the University Hospital of the West Indies. We have not yet managed to collect for inpatient tests. There is therefore still a significant deficit between our budget and earnings on the one hand and our expenditure on the other.

Infrastructure/Refurbishing

The refurbishing of the Seminar Room has been completed but the multimedia equipment and furniture have not yet been installed. The refurbishing of the Autopsy Room has been largely completed but full usage awaits the final correction of minor problems. The refurbishing of the Teaching Laboratory (Pathology & Microbiology) is nearing completion. Plans for the proposed annex of offices as well as the refurbishing of the stores and other areas of the Department await costing and approval by the Projects Office.

Staffing/Administrative Reform

We await the appointments of a **Business Manager** to deal with the financial aspects of running the laboratories, a **Quality Assurance Manager** to carry the accreditation process of the laboratories forward and an **Information Technology Manager** to administer the numerous IT requirements of the Department. We also await the administrative audit and reform process promised by the Human Relations Management Division.

Laboratory Information System

The Laboratory Information System Committee has been meeting with prospective suppliers to decide on a suitable system for acquisition.

Laboratories and Autopsy Service

Our laboratory and autopsy services continued to provide invaluable support to the care of the in- and outpatients of the UHWI, as well as to

patients from other medical facilities and institutions, both national and regional.

A total of 539,177 tests were performed by the Chemical Pathology Laboratory and 82,408 by the Haematology Laboratory. The Blood Bank performed 40,217 tests and collected 3,972 units of blood from voluntary donors. The Cytology Laboratory processed 5453 pap smears and 736 non-gynaecological specimens. The Histopathology Laboratory accessioned and processed 13,265 surgical cases which generated 43,177 tests representing 4,317,522 units of work. A total of 218 autopsies were performed.

The Jamaica Cancer Registry

The Jamaica Cancer Registry continues its role as the major source of cancer incidence data in the country, utilized as a research resource by the Faculty and health administrators to develop policies for the delivery of health care to the population.

This year the report on cancer incidence for the period 2002-2006 was completed and submitted to the West Indian Medical Journal for publication. This constitutes the latest in the series of five-yearly reports on cancer incidence produced by the registry and published regularly since its inception in 1958.

The other major study for this year was a thirty-year review of trends in prostate cancer in Jamaican men with comparisons with data from other Caribbean islands and with the black populations in both the USA and Great Britain. This also has been submitted to the West Indian Medical Journal for publication.

Work continues with the data collection for the years 2006-2010 with a view to publishing the complete report when all the data has been collected and analysed.

The Registry was represented by Miss Nadeen Waugh, Research Nurse, at the PAHO-IARC meeting on “Improving Information on Cancer in the Region” in Brasilia, Brazil, October 13-14, 2009.

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.

The lack of a Museum is a major hindrance to our teaching effort. We need help and 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 in Anatomical Pathology registered five new entrants on July 1, 2010, an enviable and unprecedented occurrence for the Department. Two candidates, Drs Mahiri Bromfield and Mandi Pedican, successfully completed the DM Part II examination in November 2009, and graduated as Anatomical Pathologists. Dr Nadia Williams continued as the Director of the Residency Programme in Anatomical Pathology (DM Pathology Graduate Programme) and Departmental Representative on the FMS Committee for Graduate Studies.

Several members of staff were involved in the supervision of MPhil and PhD candidates registered in the Department of Basic Medical Sciences. In addition, Dr Tracey Gibson taught courses in Genetics to postgraduate students in the DM Surgery and DM Psychiatry Programmes, and Dr Sheray Chin supervises postgraduate students enrolled in the DM Internal Medicine Programme. Dr Chin was also instrumental in the establishment of Multidisciplinary Tumour Boards, the monthly meetings of which

provide a forum for teaching and management of, and research into a variety of cancer cases.

PROGRAMME DEVELOPMENT

DM programme (Haematology/Oncology)

The proposal for the DM (Haematology/Oncology) programme has been submitted to Graduate studies for approval. This would replace the existing DM (Haematology) programme and allow the incorporation of training in Oncology as a core component of the specialty of Haematology/Oncology.

STAFF & RESEARCH

Research Grants/Funding Received

Dr Tracey Gibson has spearheaded the new Cytogenetics Laboratory in the Department (sited in the former Labs 7 & 7A of the Rippel Building). This laboratory will provide much needed diagnostic and research opportunities in the area of Cytogenetics.

The initial funding of **J\$11 million** provided by the CHASE Fund last academic year, was supplemented in November 2009 by an additional grant of approximately **J\$6.7 million**. The infrastructural work has almost been completed and equipment has been bought and will be installed soon.

Dr Sheray Chin received two grants for the following projects:

- “Locally Advanced Breast Cancer in Jamaica: disease characteristics and response to neoadjuvant chemotherapy”, funded by the Research Fellowship Committee, Office of the Principal, UWI. The value of the grant is **J\$1.5M** and the project duration is September 1, 2010 - August 31, 2013.
- “Locally Advanced Breast Cancer in Jamaica: disease characteristics and response to neoadjuvant chemotherapy”, funded by the Scientific and Management Committee of the Caribbean Health Research Council. The value of the grant is

US\$5,000 and the project duration is September 1, 2010 - August 31, 2015.

Dr Jacqueline Jaggon is co-Principal Investigator (with Dr. Peter Johnson (Radiology) Dr Carl Bruce (Neurosurgery) on the project “Development of an Intra-cranial Tumor Registry at the University Hospital of the West Indies” for which they received a grant of **J\$1.2M**.

PAPERS PRESENTED

Dr K Bishop

- “Childhood Cancer in Jamaica”. Hospital for Sick Kids, Toronto-UHWI Oncology Initiative, April 22-23, 2010.
- (with Johnson N, Trotman H, Reid M.). “Congenital Abnormalities at a Tertiary Centre in Jamaica – An 18 month Maternal – Fetal Medicine Experience”, International Society for Prenatal Diagnosis 15th International Conference 2010; Amsterdam, Netherlands, Europe: July 11-14, 2010.

Dr J Jaggon

- “Hemangioblastomas at the University Hospital of the West Indies.” 6th Caribbean Neuroscience Symposium Montego Bay, Jamaica, January 2010.

Dr S Chin

- “The predictive value of urinary VMA testing in the diagnosis of pheochromocytoma at the University Hospital of the West Indies.” 55th Annual Caribbean Health Research Council (CHRC) Scientific Conference, Hyatt Regency Trinidad Hotel, Trinidad, April 2010.
- “Guidelines in the supportive management of patients receiving chemotherapy.” Caribbean College of Family Physicians, Medallion Hall Hotel, Kingston, Jamaica, July 25, 2010

Dr D Lowe

- “Metastases of Unknown Primary - Is treatment worth it without finding the needle?”. Annual Symposium of the Jamaican Association of Clinical Pathologists (JACP). Kingston, Jamaica, November 2009
- “Standard Therapy in Advanced Hodgkin Lymphoma”, Annual Palliative Care Symposium, Hope Institute, Kingston, Jamaica, April 23, 2010.

Dr D McGrowder

- (with Hutton-Rose N, Blythe C, Ogbano C). “The prevalence of other sexually transmitted infections in confirmed HIV cases at a referral clinic in Jamaica.” Caribbean Health Research Council. Proceedings of the 55th Annual Council and Scientific Meetings, Hyatt Regency Trinidad Hotel, Trinidad and Tobago. April 21–24, 2010.
- (with Chin SN, Boyne MS, McGrowder D., Gibson TN, McKenzie CA). “The positive value of urinary VMA testing in the diagnosis of pheochromocytoma at the University Hospital of the West Indies.” Caribbean Health Research Council. 55th Annual Council and Scientific Meetings, April 21–24, 2010, Hyatt Regency Trinidad Hotel, Trinidad and Tobago.
- (with Hyde C, Gossell-Williams M., Hunter T, Simms-Stewart D, McGrowder D, Fletcher H, Choo-Kang E). “Pumpkin seed oil supplementation improves HDL and LDL cholesterol in post-menopausal women: A random double-blind pilot study”. Experimental Biology 2010, Anaheim California, USA. April 24-28, 2010.
- (with Gordon L, Morrison E, Garwood D, Y. Terry Pena Fraser). “Effect of exercise therapy on lipid profile and oxidative stress in patients with type 2 diabetes. IDF 20th World Diabetes Congress, Montreal, Quebec, Canada, October 18-22, 2009.

Prof D Shah

- (with Miller M and Gooding M). “Renal biopsies in Jamaican children” 2nd International Conference on Nephrology and Hypertension” Montego Bay, Jamaica, January 2010
- (with Gooding M and Miller M). “Histology in Jamaican children with nephritic syndrome” 2nd International Conference on Nephrology and Hypertension, Montego Bay, Jamaica, January 2010
- (with Soyibo AK, Barton EN, Williams W and Smith R). “Renal biopsies in Jamaican adults” 2nd International Conference on Nephrology and Hypertension, Montego Bay, Jamaica, January 2010

Dr G Wharfe

- “Road to classifying AML – Can we afford the tolls” Annual Symposium of the Jamaican Association of Clinical Pathologists (JACP). Kingston, Jamaica, November 2009

Dr N Williams

- (with Graham RPD, Plummer JM, West KA). “Lymph Node Resection for Colorectal Cancer: Ensuring Standards, Improving Quality. Association of Surgeons in Jamaica” 51st Annual Clinical Conference, Kingston Jamaica, May 16-17, 2009
- “Adenoma – Carcinoma Sequence” Jamaica Cancer Society Colon Cancer Symposium, Kingston Jamaica, March 14, 2010.

Paper presented at the 18th Annual Research Conference: Faculty of Medical Sciences, University of the West Indies, Mona, UWI, November 2009.

Dr K Bishop

- (with Dupuis C, Miller Nanton P, Clarke K, Bolt CS, Chin See CK). “Perinatal Autopsy Rates at University Hospital of the West Indies.”

- (with Brown C, McFarlane-Anderson N, Lindo L, Dasgupta T). “The effects of s-nitroso-n-acetylpenicillamine and s-nitrosogluthathione on blood pressure, urinary protein concentration and pup weight in pregnant rats”.

Professor K Coard

- (with Morrison B, Gordon-Strachan G, Miller R, Aiken W, Mayhew R). “Radical prostatectomy outcomes at the University Hospital of the West Indies: 2000-2007”.

Dr D McGrowder

- (with Green CO, Wheatley AO, Dilworth LL, Dilworth LL, Hanchard B, Gibson TN, Asemota HN). “Histopathological changes in organs of diet-induced hypercholesterolaemic rats fed ortanique peel polymethoxylated flavones.”
- (with Chin SN, Boyne MS, Gibson TN, McKenzie CA). “The positive value of urinary VMA testing in the diagnosis of phaeochromocytoma at the University Hospital of the West Indies”.

Dr T Gibson

- “Soft tissue sarcomas: Beyond Morphology.” Annual Symposium of the Jamaican Association of Clinical Pathologists (JACP). Kingston, Jamaica, November 2009.

Paper presented at 4th Annual Conference of the Caribbean Association of Oncologists and Haematologists, Montego Bay, Jamaica, April 2010.

Dr S Chin

- “Management of Triple Negative Breast Cancer.”

Dr T Gibson

- “Setting up Cancer Registries.”

- “Cancer incidence in Jamaica”.

Dr D Lowe

- “Predicting Clinical Outcome in Chronic Lymphocytic Leukaemia - How and Why?”

Dr S Shirley

- “Can we do without histopathology? The evolving role of gene expression profiling in node negative breast cancer.”

PUBLICATIONS

Refereed (Peer-Reviewed) Journal Articles

- * 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.” *WTMJ*, 2009; 58(3):261-264
- * Ali A, **Char G**, **Hanchard B**. “Chronic Inflammatory demyelinating polyneuropathy in a patient infected with human T lymphocytic virus type 1.” *BMJ Case Reports* 2009, 1680
- * **Char G**, West K, **Jaggon J**. “Intracranial Abscesses: Epidemiological trend over a 39-year period at the University of the West Indies.” *The Internet Journal of Third World Medicine*. 2009 Volume 8 Number 2
- * Leake P-A, **Coard KC**, Plummer JM. “Extramedullary plasmacytoma of the pancreas as an uncommon cause of obstructive jaundice: A case report.” *Journal of Medical Case Reports* 2009, 3:8785
- * Graham RP, **Coard KCM**. “Angiomyolipoma of kidney: The experience at the University Hospital of the West Indies”. *WTMJ*. 2009; 58: 555-559.

- * **Jaggon J, Bishop K, Pedican M, Halliday W, Melbourne-Chambers R, Tapper J.** “Atypical Teratoid/Rhabdoid Tumor: An unusual variant of a rare entity.” *Internet Journal of Oncology*. 2009; Volume 6 Number 2. www.ispub.com
- * **Jaggon J, Bolt C, Melbourne-Chambers R, MooSang M.** “Acute hemorrhagic leukoencephalitis in a patient with sickle cell disease: a case report.” *Internet Journal of Pathology*, 2009, Vol.8 No. 2. www.ispub.com
- * **Jaggon J, Char G.** “Hemangioblastomas at the University Hospital of the West Indies: a retrospective survey and review of the literature.” *The Internet Journal of Third World Medicine*. 2009, 8:1
- * **Crawford T, McGrowder D, Crawford A.** “Access to contraception by minors in Jamaica: a public health concern.” *North American Journal of Medical Sciences* 2009; 5: 247-255.
- * **Buchner L, Alfred R, Soyibo A, Brady-West D, Hardie R, McGrowder D.** “Late onset Fanconi Anaemia in an Afro-Caribbean patient.” *Journal of National Medical Association* 2010; 102: 132-134.
- * **Chin SN, Wang L, Moore MM, Sridhar SS.** “A review of the patterns of docetaxel use for hormone-resistant prostate cancer at the Princess Margaret Hospital.” *Current Oncology*, 2010; 17: 24-9
- * **Gordon L, Morrison E.Y. St. A, Ragoobirsingh D, Martorell E, Choo-Kang E, McGrowder D.** “Lipid profile in obese, hypertensive and Type 2 diabetes mellitus in the Jamaican population.” *Journal of Laboratory Physicians* 2010; 2: 25-30.
- * **Jackson MD, Walker SP, Simpson CM, McFarlane-Anderson N, Bennett FI, Coard KCM, Aiken WD, Tulloch T, Paul TJ, Wan RL.** “Body size and prostate cancer in Jamaican men.” *Cancer Causes Control*. 2010; 21: 909-917.

- * **McGrowder D.** “The use of soluble transferring receptor in drug testing and as a marker of iron status in athletes.” *Biochemistry Insights* 2010; 3:7-18.
- * **SE Shirley**, PA Sinclair, MA Stennett, G Codrington, R Bhatt, **CT Escoffery.** “The Pathology of Breast Cancer in Jamaica: The National Public Health Laboratory Study.” *WIMJ*, 2010; 59: 177-81.
- * Fletcher H, Gibson R, **Williams N, Wharfe G**, Nicholson A, Soares D. “A woman with diabetes presenting with pyomyoma and treated with subtotal hysterectomy: a case report. *Journal of Medical Case Reports* 2009; 3:7439.
- * Brooks A, Fletcher HM, Gordon-Strachan G, Pelican M, **Wharfe G, Williams NP.** “Venous thromboembolism as a complication of uterine fibroids: A retrospective description study”. *Journal of Obstetrics and Gynaecology* 2009; 29 (8) 732-736.
- * Frankson M, Lee M, Nicholson A, Walwyn M, **Wharfe G.** “Febrile neutropenia in cancer patients”. *WIMJ*, 2010;59(2) 209-14.
- * **Williams NP** and Clare Lyn Shue A. “Rhabdomyomatous Mesenchymal Hamartoma: Clinical overview and report of a case with spontaneous regression.” *WIMJ*, 2009; 58:607-609.
- * Fletcher HM, **Wharfe G, Williams NP**, Pedican M, Brooks A, Scott P and Gordon-Strachan G. “Venous Thromboembolism in Jamaican Women: Experience in a University Hospital in Kingston.” *WIMJ*, 2009;58:243-249.
- * Ogunsalu C, Scipio E and **Williams N.** “Review of six cases of maxillary ameloblastoma from the West Indies re-entry cryosurgery as prophylactic surgical intervention.” *WIMJ*, 2009;58:398-403.
- * Plummer JM, **Williams N**, Johnson P, Lee MG “Left colon and liver haemangiomas: report of a case” *Canadian J Surgery* 2009;52: E195-E196.

- * Plummer JM, Bonadie KO, **Williams N**, Leake PA, Mitchell DIG. “Duodenal fibrosarcoma mimicking Franz tumour complicated by post-resection chylous ascites: A case report.” *WTMJ*, 2010;59:84-7.
- * Powell M, Wheatley AO, Omoruyi F, Asemoto HN, **Williams NP**, and Tennant Paula. “Comparative effects of dietary administered transgenic and conventional papaya on selected intestinal parameters in rat models.” *Transgenic Res*, 2010;19:511-518.
- * Thame K, James T, **Williams N**, Smikle M and Lee M. Helicobacter pylori infection in children undergoing upper endoscopy in Jamaica. *The Internet Journal of Gastroenterology*, 2010; 9:2.

Refereed (Peer-Reviewed) Journal Abstracts

- * **Bishop KL**, Dupuis C, Miller-Nanton P, Clarke K, Bolt CS, Chin See CK. “Perinatal Autopsy Rates at University Hospital of the West Indies.” *WTMJ* 2009;58 (Suppl 4): 24.
- * Brown C, McFarlane-Anderson N, Lindo L, **Bishop K**, Dasgupta T. “The effects of s-nitroso-n-acetylpenicillamine and s-nitrosoglutathione on blood pressure, urinary protein concentration and pup weight in pregnant rats.” *WTMJ* 2009; 58 (Suppl 4): 42.
- * Green CO, Wheatley AO, Dilworth LL, **McGrowder DA**, **Hanchard B**, **Gibson TN**, Asemota HN. “Histopathological changes in organs of diet-induced hypercholesterolaemic rats fed ortanique peel polymethoxylated flavones.” *WTMJ*, 2009; 58 (Suppl. 45): 37.
- * **Chin SN**, Boyne MS, **McGrowder D**, **Gibson TN**, McKenzie CA. “The positive value of urinary VMA testing in the diagnosis of pheochromocytoma at the University Hospital of the West Indies.” *WTMJ*, 2009; 58 (Suppl. 45): 24.

- * Morrison B, **Coard K**, Gordon-Strachan G, Miller R, Aiken W, Mayhew R. “Radical prostatectomy outcomes at the University Hospital of the West Indies: 2000-2007.” *WIMJ*, 58 (Suppl 4) 47: 2009.
- * Johnson N, **Bishop K**, Trotman H, Reid M. “Congenital Abnormalities at a Tertiary Centre in Jamaica - An 18 month Maternal-Fetal Medicine Experience” *Prenatal Diagnosis*. 2010; Volume 30; Issue S1-S115).
- * 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.” *WIMJ* 2010; 59 (Suppl. 2.): 26.
- * Hyde C, Gossell-Williams M, Hunter T, Simms-Stewart D, **McGrowder D**, Fletcher H, **Choo-Kang E**. “Pumpkin seed oil supplementation improves HDL and LDL cholesterol in post-menopausal women: A random double-blind pilot study.” *The FASEB Journal* 2010; 24: 588.6.
- * Gordon L, Morrison E, **McGrowder D**, Garwood D, Terry Pena Fraser Y. “Effect of exercise therapy on lipid profile and oxidative stress in patients with type 2 diabetes.” *Canadian Journal of Diabetes* 2010; D-0777:236.
- * Bekowitz JL, Janice E, Monic J, **Wharfe G**, Waldman T. “Phase II trial Dacalizumab in HTLV I associated ATL.” *JCO* 28:75 (2010). Supplement Abstract 8043.

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

Dr Sheray Chin

- Reviewer, *Gynecologic Oncology & West Indian Medical Journal*

Professor K. Coard

- Council Member, Caribbean Cardiac Society.
- Chairman, Research Grants Awards Committee of the Caribbean Cardiac Society.
- Mentor, UWI Mentorship Programme

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, 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
- Assistant secretary, Jamaica League Against Epilepsy

Dr. D. Lowe

- Executive Member, Leukemia CARE
- Voluntary clinician, National Blood Transfusion Service
Voluntary Blood Donor Drive

- Clinical Advocate, Jamaica Haemophilia Society

Dr. D. McGrowder

- Member, Lupus Foundation of Jamaica
- Member, Editorial Board, International Archives of Medical Sciences
- Editor, Chemical Pathology, *International Journal of Medicine and Medical Sciences*
- Board Member, Jamaica National Agency for Accreditation Council (JANAAC)

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*
- Member, Jamaica National Agency for Accreditation Council (JANAAC) Technical Advisory Committee ISO 15189 for Medical Laboratories.

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
- Cytopathology Consultant, Jamaica Cancer Society
- Executive Member, UWI Medical Alumni Association
- Mentor, UWI Mentorship Programme

HONOURS & AWARDS

Professor K Coard received the **Anthony N Sabga (ANSA) Caribbean Award for Excellence 2010**, in Science and Technology.

Dr Sheray Chin received the Association of Consultant Physicians of Jamaica **Prize for Best Presentation**, Faculty of Medical Sciences, University of the West Indies, 18th Annual Research Conference, UWI, Mona, November 2009.

DEPARTMENT OF SURGERY, RADIOLOGY, ANAESTHESIA & INTENSIVE CARE

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

WORK OF THE DEPARTMENT

The Department of Surgery, Radiology, Anaesthesia & Intensive Care is one of nine clinical departments within the Faculty of Medical Sciences located at Mona in Jamaica, and is engaged in the undergraduate and postgraduate training of doctors, nurses, physiotherapists, psychologists and emergency medicine responders for Jamaica, the region and the world. The teaching staff functions as consultants at the University Hospital of the West Indies, a modern hospital of 500 beds, where the available patients facilitate the teaching of students.



Currently, greater emphasis is being placed on continuous monitoring and evaluation of both staff and students. In that regard, the department has worked hard to achieve its objectives of standardization of evaluation instruments for clerkships across campuses. Standard setting for the final examinations has now been accepted and is conducted across all the Caribbean campuses. The written segment of the final MBBS examination has been converted from straight essays to a standard-set Multiple Choice/Structured Answer Questions format in keeping with international standards. Meanwhile, the teaching staff on a whole, whose performance is continually assessed by students, has maintained average teaching scores above 4 on a scale of 1-5, with some members at times achieving a perfect score of 5.

In keeping with the strategic plan of the UWI, the department expanded the learning experience by the utilization of off-campus sites for its teaching. The Junior (Year III) surgery as well as Ophthalmology,

Anaesthesia, Orthopaedics, Radiology and Emergency Medicine (Year IV), in addition to being taught at the University Hospital of the West Indies, is now also taught at Cornwall Regional Hospital. However, the final year (Year V) teaching programme in surgery continues to be taught at the University Hospital at Mona, the Kingston Public Hospital and Cornwall Regional Hospital in Montego Bay.

Plans are far advanced for some courses to be taught at Mandeville and Spanish Town Hospitals.

In that regard, the Mandeville Regional Hospital was accredited for the teaching of final year (Year V) Surgery and Orthopaedics (Year IV), Post-Part 1 DM Orthopaedics, Ophthalmology and General Surgery. An accreditation exercise was also 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.

The Department hosted a successful and well attended 8th Annual Caribbean Neurosciences Symposium and Charity Golf Tournament from January 28 – 30, 2010 at the Ritz Carlton, Rose Hall, Montego Bay, with Workshop in the museum, Faculty of Medical Sciences, Kingston.

The Section of Anaesthesia & Intensive Care had its second, successful collaborative workshop/conference with Vanderbilt University School of Medicine, USA, in March 2010 with 90 anaesthetists participating. These workshops aim to improve training and knowledge in anaesthesia techniques.

In April the Department welcomed a Minimally Invasive Colorectal Laparoscopic Team headed by Professor Matthew Albert, Clinical Assistant Professor of Surgery and Program Director, Florida State University, Tallahassee. Both the lectures and the operating lists were well subscribed by surgeons from the Mona Campus, the Western Campus and community practice.

Dr. Carl Bruce was featured in the 2010 Edition of Research for Development for significant research work he undertook on “Improved Quality of Life after Brain Tumour Surgery” and “Head Injury

Management”. Dr. Jeffrey East was also featured in the same edition for significant research work he undertook on “Breast Cancer Surgery”.

The concept of providing modern surgical training became a reality when construction of the CHASE Carnegie Skills Laboratory commenced in June 2010. This laboratory will function as a simulator for basic and advanced training in Surgery and all its disciplines, Anaesthesia and Intensive Care and Emergency medicine.

The intra-cranial tumour registry has commenced data collection (demographic and clinical including outcomes, imaging, pathological) on all intra-cranial tumours presenting to the UHWI since the commencement of MR imaging in 2002 with the possibility to extend this as a national registry.

The Department assumed responsibility for the Pre-Hospital Emergency Training Programme (PHEM), taking over this programme from the Department of Community Health and Psychiatry. In the interim, Dr. Simone French has been appointed its Programme Director.

The functioning of the Department’s website has been found to be unsatisfactory so steps are being taken to have it redesigned. Sports Medicine and PHEM will now be included on the website.

Renovation of the administrative office area was completed in December 2009. The Department met its goals of high quality teaching, expansion of the teaching programmes, office renovation and teaching/research lab construction but just failed to achieve its research target of 1.66 publications per academic staff member. There were five vacancies at the end of the academic year. The projected two research grants were obtained, but the website reconstruction has not been completed.

Honours and Awards

Dr. Carl Bruce received the 2009 Latin America Osteobiology Award

Dr. Alan Barnett won an award for excellence in 2009 for a poster presentation from International Atomic Energy Agency (IAEA).

Fellowships

Dr. Peter Johnson: Awarded the Principal's Fellowship in September 2009.

Dr. Hilary Brown: Two-year Vascular Surgical Fellowship at Yale University, Connecticut, USA

Dr. Shamir Cawich: Six-month Clinical Fellowship in Hepato-Pancreatico-Biliary (HBP), Southampton University, UK.

Dr. Sundeep Shah: One-year Abdominal Radiology Fellowship at the University of Michigan, USA.

Dr. Nicole Hart: Trauma Fellowship at University of Toronto, Canada

Dr. Peter Johnson: Derek Harwood-Nash Neuroimaging Fellowship, Emory University, USA

Dr. Williams-Johnson, Fullbright Fellowship, Wayne State University, Michigan, USA

RESEARCH

The trauma registry which the Department maintains, now contains 14,367 records and continues to provide ample research material for injury related studies.

The Department's research output and presentations at local, regional and international conferences follows.

PAPERS PRESENTED

- **Bruce C:** "Getting the most out of your University Experience & Careers in Medicine". University of the West Indies Orientation Day 2009 & the Faculty of Medical Sciences Orientation Day August 2009
- **Bruce C:** "Biological Materials in Spine Surgery: What's new and how much will it cost?" XIV World Congress of the World

Federation of Neurosurgical Societies (WFNS) hosted by the American Association of Neurological Surgeons (AANS), September 4, 2009; John B. Hynes Veterans Memorial Convention Centre , Boston, Massachusetts USA

- **Bruce C:** “The role of image guidance surgery”. Seminar on ‘Technologies in Neurosurgery’; October 20, 2009, Trinidad and Tobago
- **Cawich SO:** “Vascular access surgery for haemodialysis in Belize: Is a vascular access service feasible locally?” Belize Medical Association Annual Clinical Congress, Belize CA, October 22-24, 2009
- **Barnett A:** “Patient Care”. Ethics Seminar: Medical Council of Jamaica. The Main Lecture Theatre; University Hospital of the West Indies November 15, 2009.
- Campbell CP, **Barnett A**, Boyne MS, Soares-Wynter S, Osmond C, Fraser RA, Forrester TE: “Predictors of Physical Activity and Energy Expenditure in Afro-Caribbean Children”. *Journal of Developmental Origins of Health and Disease* 2009; 1 (Suppl 1): S330. 6th World Congress on Developmental Origins of Health and Disease (DOHaD), Santiago, Chile. November 19-22, 2009.
- **Dr. A. Barnett:** “Patient Care...for Residents”. The Jamaica Medical Doctors Association Ethics Conference, Mona Visitors Lodge, UWI Campus, Sunday February 7, 2010
- **Dr. J. Plummer:** “Surgical Management of Colorectal Cancer”. The Jamaica Cancer Society in association with Association of Consultant Physicians and the Department of Medicine, UWI, Knutsford Court Hotel, Kingston, Sunday March 14, 2010
- **Rose REC:** “Orthopaedics in the Caribbean”. J. Robert Gladden Society, New Orleans, March 11, 2010
- **Cawich S:** “Clinical Management of Bowel Obstruction: Therapeutic Updates”. Cayman Islands Health Service Authority Clinical Conference Hibiscus Conference Centre. Georgetown Hospital, Cayman Islands, WI. April 8, 2010.

- **Dr. CD McGaw:** “Acute Respiratory Failure and Mechanical Ventilation”. Basic Medical Sciences, April 7, 2010
- **Dr. C.D. McGaw:** “Pulmonary Hypertension after surgery for Congenital Heart Disease”. The Paediatric Association of Jamaica Annual Conference April 18th, 2010

Jamaica Association of Radiologists Annual Symposium 2009: Onco-radiology & Ethics. Mona Visitors Lodge, September 27, 2009.

- **Barnett A:** Customer/Client/Patient Care.
- **Johnson P:** Imaging evaluation of ENT Malignancies.
- **Ying B:** Imaging workup of solitary lung lesion.
- **Irvine R:** Surgical perspectives of lung masses.

FMS 18th Annual Research Conference & Workshop on Child Health: From the Womb to Adolescence, November 11-13, 2009

- **Jno-Baptiste B, Scarlett MD, Harding H, Ehikmetalor K:** The use of dexamethasone for post-operative analgesia in patients undergoing gynaecological surgery.
- **Brady-West D, West W:** Clinical profile of young patients with deep vein thrombosis of the lower limbs – A seven year review.
- **Lawrence – Wright MB, Brown HA, Shah S, Frankson M, Lawrence SG, Gilbert DT, Crandon IW:** Risk factor burden predicts cerebrovascular disease presentation and severity of carotid stenosis in a Black Caribbean Population.
- **Tennant I, Nicholson A, Gordon-Strachan G, Thoms C, Chin V, Didier MA:** A survey of physicians’ knowledge and attitudes regarding antimicrobial resistance and antibiotic prescribing practices at the University Hospital of the West Indies.

University of the West Indies, Mona, FMS 18th Annual Research Conference & Workshop on Child Health: From the Womb to Adolescence, November 11-13, 2009.

- Leslie S, **West W**, Clarke T, Brady-West D, Hill K, **Johnson P**: CT Brain findings in HIV positive patients with acute clinical presentations.
- K West, **West W**, Taylor M, Walcott D, Tulloch K: Radio-pathologic correlation of complex adnexal cysts seen on ultrasound: A retrospective review.
- **Cawich SO, Crandon IW**, McLennon N, **Harding HE**, Gordon – Strachan G, **Isaacs M**: Sublabial paraseptal trans-sphenoidal approach to excise pituitary tumours at the University Hospital of the West Indies.
- **Cawich SO, Crandon IW , Harding H**, McLennon N, **Isaacs M**: Clinical profile of pituitary tumours at the University Hospital of the West Indies.
- **Cawich SO, Crandon IW, Harding H , Isaacs M, Webster D**: Complicated head trauma from machete wounds: The experiences at the University Hospital.
- **Morrison B**, Hanchard B, Graham R, Reid M: Penile cancer in Jamaican men managed at the University Hospital of the West Indies.
- **Plummer J**, Williams N, Gallinger S, Chin S, Graham R, Wharfe G, Aaronson M, Pollett A: Colorectal cancer in young patients in Jamaica: Are their genetic factors unique to this population?
- **Morrison B**, Coard K, Gordon-Strachan, Miller R, **Aiken W**, **Mayhew R**: Radical prostatectomy outcomes at the University Hospital of the West Indies: 2000-2007.
- Montague D, **Morrison B, Aiken W**, Reid M: Female urinary retention at the University Hospital of the West Indies.

- Brady-West DC, **West W**, Walcott-Brammer M: Utility of radiological imaging for staging of operable breast cancer: Recommendations for an evidenced-based protocol.

Caribbean Neuroscience Symposium, Hilton/Ritz-Carlton, January 28-30, 2010

- **Dr. D. McDowell** - Preoperative improvements of the bone stock prior to fusion surgery
- **Dr. K. Ehikmetalor** - Management of Neuropathic Pain
- **Dr. F. Pencle** - Decompressive Craniectomy: Is it a worthwhile salvage therapy?
- **Dr. M. Minott** - Management of Post-operative Spinal Infections
- **Dr. P. Johnson** - Unidentified Bright Objects (UBO's)

ALSO *Workshop*:

- **Dr. K. Metalor** - Ventilatory Management
- **Dr. A. Crawford-Sykes** - Fluid Management
- **Dr. J. East** - Managing Polytrauma
- **Dr. D. Soogrim** - ARDS
- **Dr. F. Pencle** - Role of Decompressive Craniotomy

Weill Cornell Medical College in cooperation with The Anspach Companies; Surgical Approaches to the Skull Base: A hands-on Cadaver Workshop with 3D Virtual Reality. Palm Beach Gardens, Florida, February 26-28, 2010.

- **Bruce C:** Surgical Approaches to the Skull Base (including hands-on laboratory)

- Anterior and Posterior Clinoidectomy, Exposure of the Cavernous Sinus and Parasella Region
- Posterior Petrosectomy: Drilling the Mastoid, Facial Nerve Exposure, Translabyrinthine Dissection and Exposure of the Jugular Bulb.
- Far-Lateral Approach
- Lateral Cervical Dissection – Suboccipital Approach
- Fronto-Orbito-Zygomatic Craniotomy
- Subtemporal Approach – Middle-Fossa Approach with Anterior Petrosectomy

**Jamaica Emergency Medicine Association 10th Annual Conference,
Jamaica Pegasus Hotel, Kingston, Sunday March 28, 2010**

- **Professor A. McDonald** – Leadership in emergency medicine – Charting the way forward
- **Dr. R. Hutson** - Was my child abused? Approach to sexual assault in the ED
- **Dr. B. Morrison** - Female Urinary retention

**Ophthalmological Society of the West Indies (OSWI) Conference,
Antigua, July 7-10, 2010**

- **Dr Lizette Mowatt, Dr S Amarakoon** - Massive Intraocular Foreign Body: Is there any hope for that Eye?
- **Dr. Lizette Mowatt** - An Eye for an Eye: Friend or Foe of Oedipus
- **Dr Hugh Vaughan** - The Paediatrician: A tale of 2 cases

PUBLICATIONS

(Peer- reviewed)

WIMJ = *West Indian Medical Journal*

UHWI = *University Hospital of the West Indies*

- * **IW Crandon, HE Harding, SO Cawich, MAC Frankson, AH McDonald, D Ferron-Boothe, N Meeks-Aitken, K Watson, G Gordon-Strachan, KC James.** “The Impact of Helmets on Motorcycle Head Trauma at a Tertiary Hospital in Jamaica”. *BMC Res Notes*. 2 (2009): 172. URL: <http://www.biomedcentral.com/1756-0500/2/172>
- * **JM Plummer, ME McFarlane, D Torrence, N Duncan, S Shah, P Roberts.** “Intestinal duplication presenting with recurrent abdominal pain (case note)”. *Can J Surg*, 52, 4 (2009):103-104.
- * **J Plummer, N Williams, P Johnson, M Lee.** “Left colon and liver hemangiomas”. *Can J Surg*, 52, 5 (2009):195-196
- * **PA Leake, K Coard, J Plummer.** “Extramедullary plasmacytoma of the pancreas as an uncommon cause of obstructive jaundice: a case report”. *Journal of Medical Case Reports* 3 (2009): 8785
- * **WM West, D Brady-West, M Frankson.** “Cholelithiasis on Imaging - An analysis of clinical presentations by age and gender in a Jamaican population”. *WIMJ*, September 58, 4 (2009): 375-378.
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Non-Peer Reviewed

- * **D Calder**. “Preserving the Eye”. *Free Masons Overcoming Challenges; District Grand Lodge of Jamaica Festival of St Andrew*, 2009; 19-24.
- * **D Calder**. “Eye Injury at the Work Place”. *The Master Builder; The Journal of the Incorporated Master Builder Association of Jamaica* 2009: *Building Construction through Regional Integration*. 47 (1): 29.

Books & Monographs:

- * **Dr. Jean Williams-Johnson** and **Dr. Eric Williams:** “Sickle Cell Disease and other hereditary anaemias” Tintinnali text book of Emergency Medicine, the seventh edition [chapter 231]

(Abstracts-oral)

- * D Brady-West, **W West**. “Clinical profile of young patients with deep vein thrombosis of the lower limbs – A seven year review”. *WIMJ*, 58, 4 (2009): 23.
- * B Jno-Baptiste, **MD Scarlett, H Harding, K Ehikmetalor**. “The use of dexamethasone for post-operative analgesia in patients undergoing gynaecological surgery”. *WIMJ*, 59, 4 (2009): 23.
- * MB Lawrence – Wright, **HA Brown, S Shah**, M Frankson, SG Lawrence, DT Gilbert, **IW Crandon**. “Risk factor burden predicts cerebrovascular disease presentation and severity of carotid stenosis in a Black Caribbean Population”. *WIMJ*, 58, 4 (2009): 31.
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- * **BF Morrison**, B Hanchard, RP Graham, M Reid. “Penile cancer in Jamaicans managed at the UHWI”. *WIMJ*. 59, 2 (2010):32
- * **AT Barnett, SO Cawich, IW Crandon**, JF Lindo, G Gordon Strachan, D Robinson, D Ranglin. “Medical Student Training at a University Hospital in Jamaica: A Survey of Patient Awareness and Attitudes”. *WIMJ*. 59, 2 (2010):38.

(Abstracts – poster)

- * S Leslie, **W West**, T Clarke, D Brady-West, K Hill, **P Johnson**, DT Gilbert. “CT Brain findings in HIV positive patients with acute clinical presentations”. *WIMJ*, 58, 4 (2009): 37.

- * K West, **W West**, M Taylor, D Walcott, K Tulloch. "Radio-pathologic correlation of complex adnexal cysts seen on Ultrasound: A retrospective review". *WIMJ*, 58, 4 (2009): 38.
- * DC Brady-West, **W West**, M Walcott- Brammer. "Utility of radiological imaging for staging of operable breast cancer: Recommendations for an evidenced-based protocol". *WIMJ*, 58, 4 (2009): 39.
- * **SO Cawich, IW Crandon, McLennon, HE Harding, G Gordon – Strachan, M Isaacs**. "Sublabial paraseptal trans-sphenoidal approach to excise pituitary tumours at the UHWI". *WIMJ*, 58, 4 (2009): 45.
- * **SO Cawich, IW Crandon, H Harding, M Isaacs, D Webster**. "Complicated head trauma from machete wounds: the experiences at the UHWI". *WIMJ*, 58, 4 (2009): 45.
- * **SO Cawich, IW Crandon, H Harding, N McLennon, M Isaacs**. "Clinical profile of pituitary tumours at the UHWI". *WIMJ*, 58, 4 (2009): 46.
- * **J Plummer**, N Williams, S Gallinger, S Chin, R Graham, G Wharfe, M Aaronson, A Pollett. "Colorectal Cancer in Young Patients in Jamaica: Are their genetic factors unique to this population". *WIMJ*, 58, 4 (2009): 46.
- * **B Morrison**, B Hanchard, R Graham, M Reid. "Penile cancer in Jamaican men managed at the UHWI". *WIMJ*, 58, 4 (2009): 46.
- * **B Morrison, K Coard, G Gordon-Strachan, R Miller, W Aiken, R Mayhew**. "Radical prostatectomy outcomes at the UHWI: 2000-2007". *WIMJ*, 58, 4 (2009): 47.
- * R Montague D, **B Morrison, W Aiken**, M Reid. "Female urinary retention at the UHWI". *WIMJ*, 58, 4 (2009): 47.
- * **IW Crandon, SO Cawich, N McLennon, HE Harding, G Gordon- Strachan..** "Trans-Sphenoidal Resection of Pituitary Tumours: Therapeutic Outcomes with the Sub-Labial Paraseptal Approach". *Int. J Neurosurg.* 6, 2 (2009).

- * **H Brown, SO Cawich, A Martin, M Newnham, R Venugopal, EW Williams.** “Vascular Access Operations for Renal Replacement Therapy: Preliminary Results of a Vascular Access Service in Jamaica”. *WIMJ*. 59, 2 (2010):48-49.
- * **SO Cawich, D Jefferson, G Smith, G Hoeksema, N Iheonunekwu, F Hendriks, L Van Hanswijck de Jonge, HE Harding, G Gordon-Strachan.** “Creating Dialysis Accesses in a Developing Caribbean Nation: A Cost-Benefit Analysis”. *WIMJ*. 59, 2 (2010):49.
- * **D Calder, IW Crandon, N Meeks-Aitken, R Carpenter, K Jones, A McDonald.** “Ocular injuries from automobile external mirror damage”. *WIMJ*. 59, 2 (2010):50
- * **IW Crandon, HE Harding, SO Cawich, CAR Bruce, D Webster.** “The Experience of the University Hospital of the West Indies with Complicated Civilian Head Injury from Machete Assaults”. *WIMJ*. 59, 2 (2010):50.
- * **M Isaacs, SO Cawich, REC Rose, HE Harding, IW Crandon, D Ferron-Boothe, DIG Mitchell.** “Extremity Injuries From Motorcycle Road Traffic Accidents: The Experience From a Tertiary Referral Hospital in Jamaica”. *WIMJ*. 59, 2 (2010):51.
- * **HE Harding, SO Cawich, IW. Crandon, NR Evans, AH McDonald, D Ferron-Boothe, M Isaacs.** “Motorcycle Helmet Laws in Jamaica: An Observational Study of Non-Compliant Accident Victims”. *WIMJ*. 59, 2 (2010):51.
- * **M Isaacs, EW Williams, SO Cawich, S Shah, Hendricks, I Edwards, O Morgan, G Gordon-Strachan, J Williams-Johnson, Bruce C, P Singh, French S, R Hutson.** “The Timing of Stroke Presentation at UHWI”. *WIMJ*. 59, 2 (2010):52-53.

RESEARCH GRANT

Dr. Joseph Plummer was awarded \$1.5M for a 3-year prospective study to set up a registry on colon cancer, to commence July 2010.

Dr. Peter Johnson received a grant (The Principal’s Award) for \$2,000,000.00 for the establishment of a Brain Tumour database.

INCOME GENERATION

■ William Dennis Memorial Lecture	\$ 150,000.00
■ Clinical Research Meeting	\$ 20,000.00
■ Anaesthesia/Vanderbilt University Workshop	\$ 30,000.00
■ UWI Caribbean Neuroscience Symposium	\$ 2,425,380.49
■ Consultancy income	\$ 1,439,019.34
■ Skills Laboratory	<u>\$ 14,000,000.00</u>
■ Total:	J\$18,064,399.83

Prof. Neely Panton donated equipment for the Skills Laboratory valued at US\$2000.00.

The Lewis Gale Medical Center in conjunction with the Blue Ridge Surgery Center, Virginia, USA, donated medical equipment and supplies valued at US\$15,000.00.

PUBLIC SERVICE

Prof. Ivor Crandon

- Member, Appeal Panel of the Jamaican Anti Doping Commission
- Ministry of Local Government, Community Development & Sports
- Medical Advisor, 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
- President, American College of Surgeons (Jamaica Chapter)
- President-Elect, Association of Surgeons in Jamaica

Dr William Aiken

- Member, National Health Fund Medical Advisory Panel
- Member, 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

- Chairman, Educational Committee of the Jamaican Association of Sports Medicine
- Member, Medical Team, Reggae Marathon, Negril, Jamaica
- President, The Caribbean Association of Orthopaedic Surgeons

Dr Derek Mitchell

- Deputy President, American College of Surgeons (Jamaica Chapter)
- Course Coordinator & Treasurer, Advanced Trauma Life Support, Jamaica

- Consultant, Breast Cancer Screening Clinic, Jamaica Cancer Society

Dr. Rajeev Venugopal

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

Dr. Hyacinth Harding-Goldson

- Member, Intensive Care Unit/Operating Theatre Committee
- Examiner, Jamaica School of Nurse Anaesthetists

Dr. Marinna Scarlett

- Chairman, Policies & Procedures Audit Committee, UHWI

Dr. Wendy Gardner

- President, Jamaica Anaesthetists' Association

Dr. Dave McGaw

- Treasurer, Caribbean Cardiology Society

Dr Sundeep Shah

- President, Jamaica Association of Radiologists

Dr. Derria Cornwall

- Vice-President, Jamaica Association of Radiologists

Dr. Jean Williams-Johnson

- Secretary, Management Committee, Caribbean Poison Information Centre
- Member, Executive Committee, Jamaica Association of Sports Medicine
- Chairman, Advisory Committee, Accident and Emergency Medicine
- Secretary, Jamaica Association of Sports Medicine

Dr. P. Singh

- President, Jamaica Association of Sports Medicine

- 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 for Jamaica National Children’s Home

INFORMATION ON STUDENTS

Undergraduate programme

MBBS Students by Year:

Year 1	Class of 2014	273
Year 2	Class of 2013	190
Year 3	Class of 2012	162
Year 4	Class of 2011	140
Year 5	Class of 2010	<u>135</u>
Total		900

A total of 141 medical students (Nov/Dec 2009: 19, including 3 from The Bahamas, and May/June 2010: 122) sat the MBBS (Surgery) examinations at Mona; 12 passed in November/December 2009, and 112 passed, including eight with honours, in May/June 2010.

Graduate Programme

During the period under review there were 143 residents in the DM programme in the disciplines indicated below.

General Surgery: 29; Paediatric Surgery: 5; Orthopaedics: 7; Urology: 8; Otorhinolaryngology: 7; Neurosurgery: 7; Cardiothoracic Surgery: 4;

Ophthalmology: 10; Emergency Medicine: 23; Radiology: 12; and Anaesthesia & Intensive Care: 31 .

The following students were awarded DM degrees:

Dr. Dwayne Hall	–	DM General Surgery
Dr. Milton Harry	–	DM General Surgery
Dr. Carlton Chambers	–	DM Orthopaedics
Dr. Janine Grant	–	DM Ophthalmology
Dr. Roy Forde	–	DM Otorhinolaryngology
Dr. Jno-Becky Baptiste	–	DM Anaesthesia & Intensive Care
Dr. Trudy Harper-Smith	–	DM Anaesthesia & Intensive Care
Dr. Deonne Ranglin	–	DM Anaesthesia & Intensive Care
Dr. Venessa Thompson	–	DM Radiology
Dr. Tricia Dundas	–	DM Radiology
Dr. Duane Chambers	–	DM Radiology
Dr. Kurdell Espinosa	–	DM Emergency Medicine
Dr. Nigel Johnson	–	DM Emergency Medicine
Dr. Celeste Maycock	–	DM Emergency Medicine
Dr. Latesha McIntosh	–	DM Emergency Medicine
Dr. Kyaw Soe Myint	–	DM Emergency Medicine

The Special Regulations for Radiology examination and evaluation were amended during the year under review and implemented in the May/June exams of 2010.

Dr. Pavia Davis, Dr. Cordelia Nairn and Dr. Christa Wells, three of four residents from the Bahamas passed DM Emergency Medicine Part I. This was the first sitting of the examination by residents from the Bahamas.

PRIZES AWARDED:

David Alexander Walcott (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 Campus)

Rachel Thwaites (Mona): Chin Yee Prize

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

Dr. Ayana Crichlow, DM Orthopaedic student, was awarded second place in the section for Research Papers by Residents and Fellows at the National Medical Association of America Conference, Orlando, Florida, for her research paper entitled “*Blood Transfusion Practices in Total Joint Replacements in Jamaica*”

THE UWI SCHOOL OF NURSING, MONA

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

HIGHLIGHTS OF THE WORK IN THE SCHOOL

The academic year commenced with an increase in the number of undergraduate and graduate students as well four new academic staff. Dr Weaver returned from sabbatical and Dr. Kahwa commenced sabbatical. The School invited Dr. Feleta Wilson, Nursing Professor, Wayne State University Fulbright Scholar, Dr. Eleanor McConnell, Nursing Professor, Duke University, Senior Fulbright Specialist and Dr Laurel Talabere, Professor Emeritus, Capital University, Columbus Ohio and Visiting Professor to assist in building staff capacity in curriculum revision and teaching, strengthen writing and publication. A new Masters degree programme in Gerontological Nursing was developed and introduced. This tract was taught jointly in partnership with Professor Denise Eldemire-Shearer under the aegis of the UWI Aging Centre. Through a Fulbright Senior Specialist programme Dr. Eleanor McConnell, Gerontology Nursing Specialist from Duke University School of Nursing spent a professional attachment at the School to support faculty members in implementing the programme. The last two courses (Nutrition and Biochemistry) were converted for online delivery with the kind assistance of Ryerson University. The PhD Nursing degree courses and proposal were developed and supported by the Faculty of Medical Sciences, Graduate Studies Committee and the Faculty Board on June 23 and 24, 2010 respectively. The PhD will commence 2011-12. The BScN Curriculum Regulations were revised and implemented with the 2009-10 class.



There were Curricula developments in Midwifery and Critical Care Nursing to covert these hospital based certificate programmes into baccalaureate degrees and transfer them from the University Hospital. A Child and Adolescent mental Health nursing course was also introduced at the post-graduate level. The course development was supported by a Fulbright Senior Specialist Dr. Edilma Yearwood of Georgetown University, USA. A Computer Station was installed for the Service Staff to enable them to be computer literate and provide access to e-mail correspondence. A Gazebo was installed and one side of the courtyard grilled.

Although the new physical facilities and teaching-learning furnishings meet global standards, there are challenges related to security as only one side of the courtyard is grilled giving free access to intruders. Also, the extended building is not shuttered against Hurricanes. The UWISON successfully hosted the 3rd Americas Regional Midwifery conference of Americas under the aegis of the 21st Annual Nursing and Midwifery Research Conference and 22nd Mary Seivwright Day. The conference attracted Nurse Scientists from Argentina, Bahamas, Bermuda, Bolivia, Canada, Chile, Ecuador, Guatemala, Guyana, Haiti, Kenya, Peru, St Lucia, St Vincent & the Grenadines, South Africa, Trinidad & Tobago, Uganda and the United States of America. Mrs. Insanally did the simultaneous translation of English and Spanish. The research internship programme was held at UWISON bringing together participants from Canada, Africa and Jamaica.

Nine (9) Students in the accelerated BScN degree program at Duke University visited UWISON August 10-21, 2009, to gain a cultural immersion in Community Health Nursing. Dr Hewitt represented the School at the Directing Council meeting of PAHO/WHO and the Pan American Network of Nursing and Midwifery Collaborating Centres (PANMCC) in Washington DC, September 27 – October 1, 2009. Mrs. Dawn Dover Roberts conducted a 'Regional Trainer of Trainers' for item writing for the RENR, to guide the preparation of the mock examinations, and to advise teachers in their preparation of students during the revision process. Formalized arrangement through a MOU was made with Open Campus enabling: payment for any support/elective courses taken by

student and continuing control of UWISON for BScN (post RN) programme

The BScN programme was extended to the Western Jamaica Campus with twenty six students in the academic year 2009-10 after receiving conditional approval by the Nursing Council of Jamaica (NCJ).

Dr Weaver and Mrs. Barton-Gooden received training in the use of 'Spirometry' at the Sickie Cell Unit, September 2 - 3, 2009 as part of the Longitudinal study of lung functions of in adults with Sickie Cell Disease. Through the School's PAHO/WHO Collaborating Centre a project entitled "Capacity for Nursing and Midwifery Education and Training in the CARICOM Region through partnerships" was conducted collaboratively with the Canadian Association of Schools of Nursing, PAHO/WHO, funded by Health Canada. Data was collected from nine (9) nursing programmes in 7 countries and six (6) midwifery programmes. Mrs. Anderson Johnson and Mrs. Dover-Roberts assisted the Head as investigators in the study. Through the Nursing Endowment Fund, two nursing students received the UHWI Canadian Association Bursary and one student received the Syringa Marshall-Burnett Bursary.

The long expected Office Manager was added to the staff in April 2010 to support the administrative function. Dr Hewitt retired from the UWI on July 31, 2010 and Dr Joanna Bennett succeeded her as Head. We congratulate Dr. Bennett on her appointment and wish her a successful tenure in her new post.

PAPERS PRESENTED

- Heather Greenwood, Jack Buong, Amandah Hoogbruin, **Eulalia Kahwa**, Annemarie Marx, Nicky Okeyo, Nancy Edwards. A Systematic Review of Equity Issues in Epidemiological Studies on Health Inequalities: The Case of Asthma in Adults. Canadian Public Health Association Centenary Conference, Sheraton Centre, Toronto, Ontario, June 13-16, 2010.
- **Hewitt, H.** "Innovations in Nursing Practice", Nurses Association of Jamaica Island Conference October 9, 2009, Jamaica Grand Hotel, Ocho Rios;

- **Hewitt, H.** “Transforming nursing education to meet the clinical and health needs of persons in a dynamic environment” 9th Dr William Dennis Memorial Lecture July 22, 2010 at the Main Medical Lecture Theatre;
- **Hewitt, H.** .Assessment of the capacity building needs of nursing and midwifery educators, 37th meeting Annual General Meeting of the Regional Nursing Body, Grand View Hotel, Grenada, July 28, 2010.
- **Bennett J. (2010):** A multi-site evaluation of race equality and cultural competency training in mental health services in the UK. 2nd National Transcultural Conference, Calgary, Canada, 2-4 May 2010 .

The 21st Annual Nursing and Midwifery Research Conference and 22nd Mary J. Seivwright Day and the 3rd Americas Regional Conference, UWISON, May 28, 2010.

- Hutchinson, M. K., Hewitt, H. H., Waldron, N., Hepburn, C., Kahwa, E., Sweet-Jemmott, L., Hamilton, P., Bain, B., Weir, J., & **Simpson, D.** (2010). Development of the mothers and daughters standing strong together project: An HIV risk reduction intervention for urban Jamaican families.
- **Smith, T.,** Hutchinson, M. K., Waldron, N., Hamilton, P., Kahwa, & Hewitt, H. H., E. (2010). The maternal sexual role modeling (MSRM) scale: Measurement and association with adolescent sexual risk beliefs and behaviors.
- **Kahwa, E.,** Waldron, N., Hepburn, C., Hamilton, P., Hewitt, H. H., Aiken, J., Hutchinson, M. K., Cederbaum, J., Sweet-Jemmott, L., & Alter, E. (2010). Jamaican mothers and daughters: Influence on daughters’ sexual risk beliefs and behaviors.
- E Kahwa, N Edwards, J Etowa, D. **P Dawkins,** U. Atkinson, F Watson, R Muller, J Aiken, D Kaseje, H Koppler, M Walusimbi, R Chalo. (2010). Perspectives of frontline nurses and nurse managers on the impact of the HIV/AIDS epidemic on the nursing workforce in Sub - Saharan Africa and the Caribbean.

- J Etowa, E. N Edwards, E Kahwa, P Dawkins, H Maysenhoelder, U. Atkinson, R Muller, F Watson **J Aiken**, R Chalo D Kaseje, H Koppler, M Walusimbi. Nurses' engagement in research and policy development in Sub-Saharan Africa and the Caribbean.
- N Edwards **U Atkinson**, N Okeyo ., J Mill, M Walusimbi, D Kaseje, E Kahwa, H Kloppe, H Maysenhoelder. A comparison of perceived HIV/AIDS Stigma for nurses and midwives working in Uganda, Kenya, South Africa and Jamaica.
- **Waldron, N.**, Kahwa, E., Hutchinson, M. K., Hewitt, H. H., Simpson, D., Hepburn Brown, C., Hamilton, P., Sweet-Jemmott, L., & Weir, J. (2010). Using urine tests to determine the prevalence of sexually transmitted infections among urban Jamaican adolescent females.

PUBLICATIONS

- * **E. Kahwa**, (2010). "Anticardiolipin Antibodies in Jamaican Women: The relationship to thromboembolic diseases and pregnancy outcomes." VDM Verlag Dr. Müller Aktiengesellschaft & Co. KG. ISBN: 978-3-639-25042-8 (156 pages)
- * Knight-Madden, J. & **Barton-Gooden, A.** (2009) "Contraceptive usage among Jamaican women with sickle cell disease". *Contraception*, 80, Issue 5, pp.474-478. November, Elsevier publication.
- * Powell, Dorothy L. Gilliss, Catherine L., **Hewitt, H.**, Flint, Elizabeth P. (Dec 22 2009). Application of a Partnership Model for Transformative and Sustainable International Development, *Public Health Nursing*, 54-70.
- * **Kahwa E**, Younger, N., **Wint, Y.**, **Waldron, N.** **Hewitt, H.**, Knight-Madden, Bailey, K., Edwards, N. Talabere, L., Lewis-Bell, K.(2010). The Jamaican asthma and allergies national prevalence survey: Rationale and methods. *Bio Med Central Medical Research Methodology Journal* 10: 29

- * Lurline A Less, Dalip Ragoobirsingh, Errol Y Morrison, Michael Boyne and **Pauline Anderson Johnson** “A preliminary report on an assessment of a community-based intervention for diabetes control in adults with type 2 diabetes”. *Family Practice* 2009;
- * **JLM Lindo**, J LaGrenada, A Mc Caw Binns, Eldermire Shearer (2010). “Stress and Miscarriagesamong office based women in Kingston Jamaica. *Caribbean Journal of Nursing* 5:29 (Abstract)

Reports:

- * The final report on the “Capacity for Nursing and Midwifery Education and Training in the CARICOM Region through Partnerships – 2009” was submitted March 2010 to the Canadian Association of Schools of Nursing (CASN) for dispatch to Health Canada. March 2010. Authors of the report are Dr. Ellen Rukholm, CASN, Dr. Gillian Barclay PAHO, Office of Caribbean Programme Coordination, Barbados; **Dr. Hermi Hewitt, Pauline Anderson-Johnson, and Dawn Dover-Roberts** of the PAHO/WHO Collaborating Centre for Nursing and Midwifery Development in the Caribbean at UWI.
- * Hewitt, H. presented the Report of the UWI School of Nursing Mona at the 37th Annual Meeting of the Regional Nursing Body/ CARICOM at the Grand View Hotel, Grenada, July 28, 2010.

PUBLIC SERVICE:

Dover-Roberts, D.

- Chairman for an Advisory Committee, home for the aged, Richmond Park district.

Hewitt, H.

- Member, University Hospital Board;
- Member, Nursing Council Biennial Committee;

- Member, Management Committee, Faydene Methodist Home for the Elderly;
- UWI representative, on the CARICOM/RNB.

Lopez, S.

- Board Member, the Heart Foundation of Jamaica.

Lindo, J.

- Member, Kiwanis Club of New Kingston;

Rae, T.

- Member, Rotary Club

Weaver, S.

- Member, Lions Club

SCHOLARSHIPS AND BURSARIES

The following students were recipients of bursaries in 2009-10:

Natoya Turner and Stephanie O'Mally received the **UHWI Canadian Association Bursary**; Alethia Francis received the **Syringa Marshall-Burnett Bursary**; Kerine Campbell, Shalanda Henry & Melissa Williams received the **IGL Legacy Scholarship for Nursing**

Faculty of Medical Sciences Dean's List:	9 students
Faculty of Medical Sciences Honor Society:	4 students
Outstanding Graduates:	2 students

Undergraduate Student Population 2009-10

Category of Students	New	Returning		Total
	1st Year	2nd Year	3rd Year	
BScN- Mona Campus	165	143	107	415
BScN- Western Jamaica Campus	26	—	—	26
BScN franchised at EXED	71	63	53	187
BScN franchised at Briown's Town Community College	41	32	35	108
BScN franchised at Knox Community College	26	27	28	81
Sub-Total	329	265	223	817
BScN (post RN)	—	11	—	11
BScN (post RN) online delivery	92+4	95	164	366
Grand Total Undergraduates	425	371	387	1194

Postgraduate Nursing Students

The postgraduate student population is as follows:

Category of Students	Full-time	Part-time	Total
MScN (Nursing Administration; Nursing Education)	22	8	30
MScN (Family Nurse Practitioner; Mental Health/Psychiatric Nurse Practitioner; Clinical Nurse Specialist-Gerontology Option)	32	—	32
Total Postgraduate Students	54	8	62

STUDENTS ACHIEVEMENT

The first two Groups of BScN (post RN) online students (164) who began under the Ryerson/UWI project 2007 will graduate November, 2010. One hundred and one (101) BScN students took the Regional Examination for Nurse Registration (RENr) in **October 2009**, of the total seventy three (73%) passed and are employed. Those not eligible for the October examination plus those who had supplemental or failed the RENr re-sat it in April 2010. Of the 32 students sitting the RENr exam in April, 17

(53%) passed, 12 candidates were referred in Paper 3. Of note is that 12 (47%) of the students were either referred/ failed the Functional Essay-Paper 3 examination, one of four Papers in the RENR examination. The RENR was discussed at the Regional Nursing Body/CARICOM meeting July 26-29, 2010 as the pattern of failure in Paper 3 was wide spread throughout the CARICOM region. The nation average pass in Paper 3 for Jamaica was 43%. The Head participated in the Regional Nursing Body meeting in Grenada July 24-29, 2010 to adopt a modern structure and system for the RENR.