

DEPARTMENT OF MEDICINE

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WORK OF THE DEPARTMENT

The period August 1, 2005 to July 31, 2006 was challenging but rewarding. The strength of the Department is its cohesive and dedicated staff that brings to bear its collective wisdom in problem solving and strategic planning. The continuous assessment process for both undergraduates and postgraduates was completed and initiated. The regulations of the postgraduate programme was reviewed and a research paper/thesis included. The Department's proposal for MPhil and PhD, in addition to the MD, to be offered by the Department was approved.



There was a major thrust to improve the research output of the Department and to expose staff to research methodology and application. The office of research at the Dean's Office was helpful in this venture. Through the clinical trials centre in the office of research at the Dean's Office, the Department was able to have continuing collaboration with overseas centres involved in clinical trials.

There have been significant and rewarding contacts with medical centres overseas. The link with the University of Toronto remains strong. Several postgraduates have been able to do electives there and to return there for subspecialty training after completion of the DM (Internal Medicine). There have been visits from centres in the USA such as, University of Miami, University of Maryland and University of New York and continuing contacts exist with Mayo Clinic, Howard University, University of Panama and University of London. These have been fruitful in that medical students and postgraduates have been involved in elective programmes at these centres. The reports from these centres applaud the clinical training of our graduates. The Department is committed to development of subspecialty training and nephrology and gastroenterology have led the way in this area.

It was a successful year for the Department which received above 90 % rating from its students in terms of teaching. External examiners have stated their satisfaction with the high clinical skills and knowledge base of the undergraduates and postgraduates. The Bachelor of Medicine, Bachelor of Surgery examination in November/December 2005 yielded 100% pass in Medicine but there were only 4 candidates. The May/June 2006 examination yielded 90% pass rate with the most outstanding student in Medicine among all four campus sites being from Mona. A total of 86 students wrote the examination.

The results for the postgraduates were quite satisfactory with high commendations coming from the external examiners. In November/December 2005 DM (Internal Medicine) examination, three out of four Part I candidates were successful. In the May/June 2006 DM (Internal Medicine) examination, three of five Part I and all two Part II candidates were successful. There were eight postgraduate students attending international conferences with four presenting papers.

During this academic year, three members of the Academic Staff were awarded fellowship from international institutions: Dr. R. Wright-Pascoe, the fellowship of the American College of Endocrinology, Professor Charles Denbow was awarded the fellowship of the Royal College of Physicians of Edinburgh. Dr. Winston Williams was elected to the Fellowship of the American Society of Nephrology. Professor Owen Morgan was awarded the Master of the American College of Physicians, the only such person in the Caribbean.

The Department continued its outreach programmes outside Kingston and within Kingston. The Department co-hosted several continuing medical education programmes for General Practitioners in Kingston and members of staff were involved in continuing medical education programmes for general practitioners and health education of the public through organizations such as the Medical Association of Jamaica and the Association of Consultant Physicians.

Professor Charles Denbow authored a book for medical students on “The Clinician’s Guide to the Cardiovascular Examination”. This was well received by students and lecturers.

The Department carries a heavy service burden at the University Hospital of the West Indies. Members of staff are to be commended for their yeoman service to inpatients and outpatients while discharging their teaching duties to undergraduates and post- graduates, conducting

research and providing outreach public service that extends even to rural areas.

PAPERS PRESENTED

Dr. M. Arthurs

- “Ulcerative Colitis & Crohn’s Disease, Diagnosis and Treatment” Holiday Inn, Ocho Rios, Jamaica Pharmaceutical Society, March 26, 2006.
- “Screening for Colorectal Cancer – Is Colonoscopy still the Gold Standard?” Western Chapter, Medical Association of Jamaica, Wexford Court Hotel, Montego Bay, June 2006.

Professor E. Barton

- “Clinical and Laboratory Predictors of Diabetes Type in Youth Onset Diabetes. The 66th American Diabetes Associate Scientific Meeting, June 2006, Washington DC, USA.
- Autoantibodies in a Black Population with Youth Onset Diabetes. American Diabetes Scientific Meeting, June 2006, Washington DC, USA.
- Cardiovascular Risk in a Black Population with Youth Onset Diabetes. American Diabetes Association Scientific Meeting, Washington DC, USA.
- Association of Reactive Arthritis with non-HLA-B27 Alleles in Black Jamaicans, May 2006, American Society of Microbiology, USA.
- Glycaemic and Metabolic Control in Youth with Diabetes Mellitus in Jamaica. November 2005, 14th Annual Research Conference, Faculty of Medical Sciences, Kingston.

Professor C. Denbow

- “The Management of Chronic Stable Angina Pectoris in 2006”, Guyana Medical Association Symposium, Georgetown, January 2006.
- “The Joint National Committee (JNC 7) Report on Hypertension – The Case for Aggressive Blood Pressure Lowering”, University of Guyana Symposium, Georgetown, July 2006.

- “The Practical Management of Hypertension in 2006”, Guyana Medical Association Seminar, Georgetown, July 2006”.
- “Angina pectoris – Fighting an Age old problem” 21st Caribbean Cardiology Conference, Montego Bay, Jamaica, July 2006.

Dr. A. East-Innis

- “Common Skin Manifestations of HIV Infection”, Association of Consultant Physicians of Jamaica Conference, Pegasus Hotel, Kingston, Jamaica, September 2005.
- “Lymphomas Presenting As Cutaneous Granulomas”, Caribbean Dermatology Association Conference, St. Vincent, November 2005.
- “Vitiligo – The Fight For The Melanocyte”, Dermatology Association of Jamaica Conference, Knutsford Court Hotel, Jamaica, March 2006.

Dr. H. Mohammed

- “The heart and Lupus”, Lupus Foundation of Jamaica, October 2005, Kingston, Jamaica.
- “Preventing Heart Disease in Jamaica”, Heart Foundation of Jamaica, October 2005, Jamaica.
- “Identifying and Preventing Heart Attacks”, Lions Club of Jamaica, October 2005, Jamaica.
- “Issues in the Management of Hypertension”, Mandeville branch of Medical Association of Jamaica, October 2005, Jamaica.
- “Heart Disease in Diabetes Mellitus”, Caribbean Cardiac Society quarterly symposium February 2006, Jamaica.
- “Maintaining a Healthy Heart”, Cardiology Unit, UHWI, February 2006, Jamaica.
- “Management of Acute Coronary Syndrome”, June 2006, Kingston, Jamaica.

Professor M. Lee

- Cancer of the Stomach and Colon. Annual Meeting of the Consie Walters Cancer Care Centre, Jamaica, May 2006.
- Viral Hepatitis. Annual Symposium of the Jamaica Medical Doctors Association, Jamaica, August 2006.

PUBLICATIONS

WIMJ = *West Indian Medical Journal*

- * Plummer JM, Duncan ND, Mitchell DIG, McDonald AH, Reid, M, **Arthurs M**. Laparoscopic Cholecystectomy for Chronic Cholecystitis in Jamaican Patients with Sickle Cell Disease: Preliminary Experience. *WIMJ* 2006; 55 (1):22-24.
- * Cawich SO, Mitchell DIG, Newnham, **Arthurs M**. A Comparison of Open and Laparoscopic Cholecystectomy done by a Surgeon in Training. *WIMJ* 2006; 55 (2) 103-109.
- * Heslop OD, Smikle MF, Deer D, Christian NA, Vickers IE, Harvey KM, Figueroa JP, Christie CD, Bain BM, **Barton EN**. Human Immunodeficiency Virus Type-1 (HIV-1) Subtypes in Jamaica. *WIMJ* 2005; 54, 5: 279-282.
- * Besterman E. The Beginnings and Development of the Electrocardiogram. *WIMJ*, 2005; 54; 213-5.
- * Besterman E. The Story of Cardiac Defibrillation *WIMJ*, 2005; 54; 350-1.
- * **East-Innis A**, Rainford L, Dunwell P, Barrett-Robinson D, Nicholson AM. The Changing Pattern of Tinea Capitis in Jamaica. *WIMJ* 2006; 55 (2):85-88.
- * Jackson ST, Smikle MF, Rainford L, **Wright-Pascoe R**. Primary Cutaneous Nocardiosis: An Emerging Pathogen Associated with a Peripheral Intravenous Catheter. *WIMJ* 2006; 55(1): 69
- * Chung ST, Gordon-Perue G, Johnson A, Young N, Hoo CS, **Wright-Pascoe R**, Boyne M. Predictors of Hyperglycaemia Crises and their Associated Mortality in Jamaica. *Diabetes Research and Clinical Practice* 2006; 73: 2: 184 -190.
- * O'Connor A, McFarlane-Anderson N. Duff EN, **Wright-Pascoe R**. High levels of F2- Isoprostane in Jamaican Adults with Diabetes Mellitus. *International Journal of Diabetes and Metabolism* 2006; 14(1): 51-54.

Abstracts

- * Tulloch-Reid MK, Boyne M, Smikle MF, Choo-Kang E, Parkes RH, **Wright-Pascoe R, Barton EN**, Wilks RJ, Williams DE. The classification of Youth Onset Diabetes Mellitus in Jamaica. *WIMJ*. 2005, 54 (Suppl. 4): 12.
- * Tulloch-Reid MK, Boyne M, Smikle MF, Choo-Kang E, Parkes RH, **Wright-Pascoe R, Barton EN**, Wilks RJ. Glycaemic and Metabolic Control in Youths with Diabetes mellitus in Jamaica. *WIMJ* 2005, 54 (Suppl 5): 21.
- * Smikle MF, Tulloch-Reid MK, Boyne MS, Choo-Kang EG, Parkes RH, **Wright-Pascoe R, Barton EN**, Wilks RJ, Williams DE. Autoantibodies in a Black Population with Youth Onset Diabetes Mellitus. *Diabetes* 2006; 55 (Suppl): A-283.
- * Tulloch-Reid MK, Boyne MS, Smikle MF, Choo-Kang EG, Parkes RH, **Wright-Pascoe R, Barton EN**, Wilks RJ, Williams DE. Cardiovascular Risk in a Black Population with Youth Onset Diabetes. *Diabetes* 2006; 55 (Suppl 1): A-531.
- * **Denbow, C.** “Angina – Fighting an age old problem” Proceedings of the 21st Caribbean Cardiology Conference (2006) pp 26-27.
- * Johnson A, Younger N, Chung S, Gordon Perue G, Hoo C, **Wright-Pascoe R**, Boyne M. Making Sense of Survival Data: An Example Using Patients with Hyperglycaemic Crises. *WIMJ* 2006; 55 (Suppl2): 62.
- * Choo-Kang E, Irving R, Mills J, **Wright-Pascoe R**. Day-to-day Variation of Microalbumin Excretion. *Clinical Chemistry* 2006. 52; 6: (S) A11.
- * Tulloch-Reid M, Boyne M, Smikle MF, Choo-Kang E, **Wright-Pascoe R**, Barton EN, Wilks RJ, Williams DE
- * Clinical and Laboratory Predictors of Diabetes Type in Youth Onset. *Diabetes* 2006; 55 (Suppl 1): A-230.
- * **Wright-Pascoe R**. The Prevalence of Hashimoto’s Thyroiditis in Spontaneous Hypothyroidism in a Jamaican subpopulation. *Thyroid* 2005, 15: (Suppl 1) S:167-168,

- * O'Connor A, McFarlane-Anderson N, Duff EN, **Wright-Pascoe R**. High levels of F2-Isoprostane in Jamaica Adults with Diabetes Mellitus. *WIMJ* 2006; 55 (Suppl 1):43.
- * Tulloch-Reid M, Boyne M, Smikle MF Choo-Kang E, Parkes R. **Wright-Pascoe R, Barton EN**, Wilks RJ. Glycaemic and Metabolic Control in Youths with Diabetes Mellitus in Jamaica: *WIMJ* 2005; 54 (Suppl 5):21
- * Tulloch-Reid M, Boyne M, Smikle MF, Choo-Kang E, Parkes R, **Wright-Pascoe R, Barton EN**, Wilks RJ, Williams D. The Classification of Youth Onset Diabetes Mellitus in Jamaica. *WIMJ* 2005; 54 (Suppl 4):12.
- * **Wright-Pascoe R**. Obesity and Insulin Resistance: Precursors to Type 2 Diabetes Mellitus. *WIMJ* 2005; 55 (Suppl 1): 27-28.
- * Smikle MF, Tulloch-Reid MK, Boyne MS, Choo-Kang EG, Parkes RH, **Wright-Pascoe R, Barton EN**, Wilks RJ, Williams DE. Autoantibodies in a Black Population with Youth Onset Diabetes Mellitus, *Diabetes* 2006; 55 (Suppl 1): A-283.
- * Tulloch-Reid MK, Boyne MS, Smikle MF, Choo-Kang EG, Parkes RH, **Wright-Pascoe R, Barton EN**, Wilks RJ, Williams DE. Cardiovascular Risk in a Black Population with Youth Onset Diabetes, *Diabetes* 2006; 55 (Suppl 1): A-531.

PUBLIC SERVICE

Professor E. Barton

- Resource person, Kidney Support Foundation of Jamaica.
- Voluntary Clinical Renal Service to the Public in Manchester, St. Elizabeth and St. Ann.
- Consultant to Charitable Foundations providing healthcare – Diabetes Association of Jamaica.
- Treasurer, Caribbean Association of Nephrologists and Urologists.

Dr. A. East-Innis

- Member, Dermatology Association of Jamaica

Professor M. Lee

- Member, Board of Executive, Food for the Poor
- Member, Medical Committee, Food for the Poor
- Treasurer, Association of West Indian Gastroenterologists.
- Member, Board of Directors, Cancer Care Hospice, Kingston, Jamaica (2006)

Dr. D. Gilbert

- Visiting Lecturer, Columbia Presbyterian Hospital/ Harlem Hospital, Manhattan, New York, USA, September 2005.
- Caribbean coordinator, HAM/TSP International (HIT) Early Study – Multicenter International Study Organized through the International Retrovirology Association