

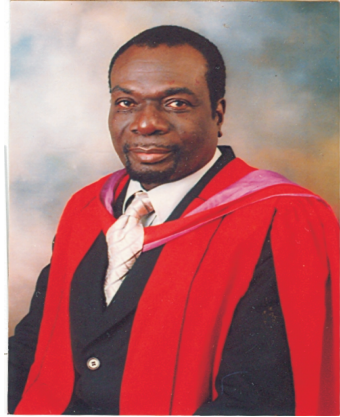
## DEPARTMENT OF MEDICINE

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

### WORK OF DEPARTMENT

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

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



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

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

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

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

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

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

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

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

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

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

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

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

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

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

## **PAPERS PRESENTED**

### **Professor E. Barton**

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

### **Professor M. Lee**

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

### **Dr. W. Williams**

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

### **Dr. R. Wright-Pascoe**

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

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

- “Update on the Management of Osteoporosis”, Andrews Memorial Hospital. Continuing Medical Education: February 2009, Kingston, Jamaica.
- “Maximizing Angiotensin Receptor Blocker’s: Exploring the Benefits Beyond Blood Pressure Reduction”. January 2009, Terra Nova Hotel, Kingston, Jamaica.
- Presentation – “Sudden Death...Here Today...Gone Tomorrow...What You Should Know. The HEART Institute of the Caribbean Foundation Public Forum. November 2008, The Jamaica Hilton Hotel, Kingston, Jamaica.
- “Certification of General Practitioners”. The Caribbean College of Family Physician (Jamaica Chapter) Annual General Meeting and Workshop, November 2008, The Medallion Hall Hotel, Kingston, Jamaica.
- “The Role of HbA<sub>1c</sub> in the diagnosis and screening of Type 2 Diabetes Mellitus. Faculty of Medical Sciences Annual Research Conference, November 2008, Kingston, Jamaica.
- “Emerging Concepts in the Management of Diabetes – DPP4 Inhibition and Incretins” Caribbean Endocrine Society in Association with South Central Board of the Medical Association of Jamaica, August 2008, Bloomfield Great House, Mandeville, Jamaica.
- “Progression and Management of Diabetes: ADOPT and Combination Therapy”. Medical Association of Jamaica and GSK, August 2008, Kingston, Jamaica.
- Caribbean Cardiac Society Annual Scientific Symposium. “Clinical Challenges in Practice: Initiating Pharmacotherapy for Patients with Type 2 Diabetes Mellitus”, July 2009, Bridgetown, Barbados.
- “A Case for Discussion”. Clinicopathological Conference – Main Medical Lecture Theatre, May 2009, UWI, Mona.

### **Dr. A. East-Innis**

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

### **Dr. P. Scott**

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

### **Dr. L. Hurlock**

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

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

**Dr. A. Soyibo**

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

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

**Professor E. Barton**

- Preservation of Renal Function in Chronic Kidney Disease.

**Dr. W. Williams**

- Update on Lupus Nephritis

**Dr. L. Hurlock**

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

**Dr. D. Whittle**

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

**Dr. A. Soyibo**

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

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

**Professor E. Barton**

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

**Dr. W. Williams**

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



## PUBLICATIONS

*WIMJ = West Indian Medical Journal*

### Peer Reviewed – Papers

- \* Scarlett M, McGaw C, **Aquart-Stewart A**. Pulmonary Hypertension: A review of Pathophysiology and Management. *WIMJ*, 2009; 58:153-159.
- \* **Barton EN**. Sixtieth Anniversary of the University of the West Indies. *WIMJ*, 2009; 57 (3): 523-4.
- \* Heslop OD, Smikle MF, Vickers IE, Christian NA, Harvey KM, Figueroa JP, Brown SE, Christie CDC, Bain B, **Barton EN**. High Genetic Diversity in Human Immunodeficiency Virus-Type 1 (HIV-1) in Jamaica. *WIMJ*, 2009; 58: 195-199.
- \* **East-Innis AD**, Thompson DS. Cutaneous Drug Reactions in Patients admitted to the Dermatology Unit at the University Hospital of the West Indies, Kingston, Jamaica. *WIMJ*, 2009; 58: 227-230.
- \* Alfred R, Okeke O, Moronu C, **Elliot V**, Frankson A, **Barton EN**. Descriptive Epidemiology of Cases of Acute Myocardial Infarction in Tobago. *WIMJ*, 2009; 58: 257-260.
- \* **Gayle F**, **Soyibo AK**, **Gilbert DT**, Manzanares J, **Barton EN**. Quality of Life in End Stage Renal Disease: A Multicentre Comparative Study. *WIMJ*, 2009; 58:235-242.
- \* Brown HA, Lawrence-Wright MB, Shah S, Lawrence SG, **Gilbert DT**, Crandon I. Prevalence of Carotid Stenosis in a High-Risk Caribbean Population. *Stroke* 2009; 40 (5): 1892-1893.
- \* West WM, Younger N, Brady-West D, **Gilbert DT**, Char G, **Barton EN**. Stroke Subtypes on Imaging in a Jamaican Population: a hospital-based study. *WIMJ*, 2009; 58: 261-264.
- \* **Lee MG**, **Hagley K** and **DeCeular K**. Intestinal Ischaemia in Systemic Lupus Erythematosus. *Journal of the National Medical Association* 2008; 100:721-723.
- \* **Lee MG**, Emery H, **Whittle DO**, Jackson D, **Donaldson EK**. *H. pylori* infections in patients with Functional Dyspepsia in Jamaica. *The Internet of Tropical Medicine* 2009: 5, 2.

- \* Fletcher HM, Wharfe G, William NP, Pedican M, Brooks A, **Scott P**, Gordon-Strachan G. Venous Thromboembolism in Jamaican Women: Experience in a University Hospital in Kingston. *WIMJ*, 2009; 58: 243-249.
- \* **Scott P**. Asthma Control. *WIMJ*, 2009; 58: 1-2.
- \* **Soyibo AK**, Shah D, **Barton EN**, **Williams W**, **Smith R**. Renal Histological Findings in Adults in Jamaica. *WIMJ*, 2009; 58: 265-269.
- \* **Soyibo AK**, **Barton EN**. Importance of a Renal Biopsy. *WIMJ*, 2009; 58: 270-272.
- \* **Whittle DO**, Roberts L. Hepatocellular Cancers. *WIMJ*, 2009; 58: 273-276.
- \* **Whittle DO**. Liver cancers. *WIMJ*, 2009; 58: 273-277.
- \* **Whittle DO**. Gastric Carcinoma: Early detection and Prognosis. *WIMJ*, 2008; 57:1.
- \* Tulloch-Reid MK, Boyne MS, Smikle MF, Choo-Kang EG, Parkes RH, **Wright-Pascoe RA**, **Barton EN**, Wilks RJ, Williams DE. Cardiovascular Risk Profile in Caribbean Youth with Diabetes Mellitus. *WIMJ*, 2009; 58: 219-226.
- \* Irving RR, Mills JL, Choo-Kong EG, McLaughlin W, **Wright-Pascoe R**, Morrison EY, Brown P. Diabetes and psychological co-morbidity in children with a family history of early-onset Type 2 diabetes. *International Journal of Psychology* 43 (6) 937-942.
- \* Wright-Pascoe R. Obesity in the Caribbean: Behind the Headlines. *Journal of the Royal College of Physician*, October 2008. <http://behindthemedicalheadlines.com/articles/obesity-in-the-caribbean>

### Book Chapter

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

## Abstracts

- \* Cawich SO, **Arthurs M**, Mitchell DIG, Plummer JM, **Murphy T**, Mathew A, Mohanty SK, Huizinga, Hoeksema G, Frankson MA, Harding HE, Williams EW. Medical or surgical endoscopists for percutaneous endoscopic gastrostomy: is there a difference? *WIMJ*, 2008; 57(Suppl 4): 47.
- \* **Clarke T**. HIV, HAART and the Risk of Diabetes and Dyslipidaemia. *WIMJ*, 2009 58 (Suppl 1):25.
- \* Gordon-Perue G, **Gayle F**, Fraser R, Ali A. Quality of life of persons with epilepsy in Kingston, Jamaica. *WIMJ*, 2008; 57(Suppl 4): 27.
- \* **Hurlock LN, Elliott V**, Bennett M, Hamilton S. A study of infective endocarditis and its predisposing factors at the UHWI and the relevance of the American Heart Association's guidelines to the Jamaican population. *WIMJ*, 2008; 57(Suppl 4):35.
- \* Walwyn M, Nicholson A, Wharfe G, Frankson MA and **Lee MG**. Febrile Neutropenia in Jamaica. *WIMJ*, 2008; (Suppl 4) 57: 36-37.
- \* **Lee MG**, Emery H, **Whittle D**, Jackson D, **Donaldson EK**. Helicobacter pylori Infection in patients with Functional Dyspepsia in Jamaica. *WIMJ*, 2008; (Suppl 4) 57: 36.
- \* **Wright-Pascoe R**. The role of HbA1C in the screening of Diabetes Mellitus. *WIMJ*, 2009; 58 (Suppl 1):26.

## PUBLIC SERVICE

### Professor E. Barton

- Volunteer, Outreach Programme to the parishes of St. Ann and Manchester – Health Education, preventive and Clinical Care
- Resource person, on Lupus Foundation Board
- Resource person, Kidney Support Foundation of Jamaica

### Dr. R. Wright-Pascoe

- President, Medical Association of Jamaica