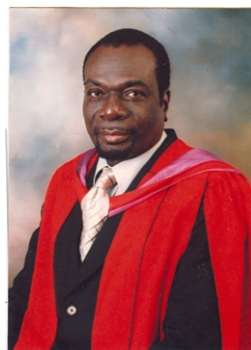


DEPARTMENT OF MEDICINE

**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 AIC 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, *WIMJ* 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, *WIMJ* 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, *WIMJ* 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, *WIMJ* 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, *WIMJ* 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, *WIMJ* 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, *WIMJ* 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, *WIMJ* 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