

## DEPARTMENT OF PATHOLOGY

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

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 (Autopsy, Cytogenetics, Cytology, Histology, Immunohistochemistry), Chemical Pathology and Haematology (Blood Bank, Flow Cytometry and Routine Haematology).



### **Staffing, Staff Development & Administrative Reform**

There are 19 full-time members of academic staff and one half-time lecturer (shared with the Department of Medicine).

In addition to the academic staff, the department has a diverse staff of about 40 medical and laboratory technologists, miscellaneous administrative, secretarial and clerical staff, research nurses, medical photographers, laboratory attendants, etc, giving a full-time staff of 100.

Each member of the academic staff continues to work along the lines of teaching, research and service work without any planned weighting or streaming in terms of differential workloads. We await further guidelines from the Faculty as to how to implement these in an equitable and functional manner.

Replacing retired academic staff members in Anatomical Pathology has proven to be problematic. This sub-department currently has three Professors working on post-retirement contracts and attempts to replace these persons by recruitment locally, regionally and internationally have not been successful so far. One of our recent DM graduates is slated to

undertake post-doctoral training in Canada to enable her to replace one of the retirees in 2012.

A Business Manager was appointed (effective June 1, 2011) to administer the financial aspects of running the laboratories and to organize and execute the commercialization process initiated by the University in 2008.

We still await other administrative appointments and reform in the Department as requested for the past two years such as:

The appointment of a Quality Assurance Manager to drive, coordinate and monitor the accreditation of the laboratories

The appointment of a Departmental Information Technology Manager, an appointment that is now vital because of the imminent acquisition of a Laboratory Information System

The rationalizing and reclassification of the Departmental administrative staff so as to better cope with the ever increasing administrative load being placed on the academic staff

The empowerment of the Sub-departmental/Unit Heads to exercise more autonomy with respect to the management of their budgets and staff.

## **WORK OF THE DEPARTMENT**

### **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 495,670 tests were performed by the Chemical Pathology Laboratory and 150,866 by the Routine Haematology Laboratory. The Blood Bank performed 20,907 tests and collected 4006 units of blood from voluntary donors. The Flow Cytometry Unit performed 73 tests . The Cytology Laboratory processed 4,297 pap smears (64,455 units of work) and 628 non-gynaecological cases (81,640 units of work). The

Histopathology Laboratory accessioned and processed 7,926 surgical cases which generated 42,791 tests (including routine, histochemical and immunohistochemical stains), amounting to 614,275 units of work. A total of 183 autopsies were performed, including 43 perinatal autopsies.

The Accreditation Steering Committee consisting of the Chief Medical Technologists, Senior Medical Technologists and representative Consultants from the Sub-departments in Pathology devised strategies on how to improve the quality management system in all the laboratories in keeping with ISO 15189. A gap audit of the quality management system was completed in June 2011 in all of the laboratories using the 20 Milestone accreditation tool. The findings of the audit are being reviewed and there are plans to apply for accreditation of the tests performed in the laboratories from the Jamaica National Agency for Accreditation (JANAAC) in August 2012.

## **TEACHING & LEARNING**

### **Undergraduate Programmes**

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 end-of-clerkship examination (fourth year of the MBBS programme) has become fully electronic, which not only makes it easier to mark, but also makes it capable of being administered to clerkship teaching at the Western Campus/Cornwall Regional Hospital site.

Our lecturers continued to perform 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.

## **Graduate Programmes**

The DM Programme in Anatomical Pathology currently has 14 registered candidates representing our highest quota of residents-in-training in the history of the programme. Dr Nadia Williams continued as the Director of the Post Graduate (DM) Programme in Anatomical Pathology and Departmental Representative on the FMS Committee for Graduate Studies. She was instrumental in the restructuring of the programme including the compilation of a comprehensive curriculum and the institution of an “End of First Year Aptitude” Evaluation.

Several members of staff were involved in the supervision and teaching of MPhil, MSc and PhD candidates registered in the Department of Basic Medical Sciences, as well as teaching postgraduate students in the DM Surgery, DM Psychiatry and DM Internal Medicine Programmes.

The DM Programme in Haematology/Oncology has been approved by the Board of Graduate Studies and will replace the existing DM Haematology Programme. MPhil/PhD programmes in Anatomical Pathology, Haematology and Chemical Pathology are being developed, and the DM in Chemical Pathology is being revitalized.

## **INFRASTRUCTURE DEVELOPMENT & FACILITIES**

Refurbishing exercises are underway to create a new annex of offices for academic and administrative staff and to improve the Departmental Stores and Central Office. Although this will, by default, free up some space for the use of postgraduate students, storage of records, supplies, archival material, etc, we are still short of functional space and continue to hope to have a new building one day.

The lack of a Museum is still a major hindrance to our teaching effort, and we will need funding to enable us to develop a new modern Museum and Interactive Learning Centre in the rooms on the Rippel Building Spine that were previously occupied by the Department of Surgery, Radiology, Anaesthetics and Intensive Care.

## RESEARCH & INNOVATION

**Dr Tracey Gibson's** new **Cytogenetics Laboratory** (sited in the former Labs 7 & 7A of the Rippel Building) officially opened on July 29, 2011. This laboratory was funded by the CHASE fund at a cost of approximately **J\$20 million**.

## PAPERS PRESENTED

- **Bishop K.** “The Post Mortem – Its value when there is a bad pregnancy outcome” The Grabham Society Annual Clinical Conference, the Jamaica Pegasus Hotel, Kingston, Jamaica, July 2010.
- **Bishop K.** Nyi Nyi M, Jaggon JR, Johnson N, Trotman H, Richards N. “Perinatal Death in Maternal Diabetes Mellitus at UHWI. Pathological Findings: 2006 – 2010.” 10<sup>th</sup> Annual Perinatal Conference: Faculty of Medical Sciences, UWI, Mona, February 2011.
- **Bishop K.** “Perinatal Pathology Report, January – December 2010: Analysis of Data” 10<sup>th</sup> Annual Perinatal Conference: Faculty of Medical Sciences, UWI, Mona, February 2011.

## Chin SN

- “Advanced Renal Cell Cancer: challenges in targeted therapy era”, Jamaica Urologic Society Meeting, Alhambra Hotel, Kingston, Jamaica, July 2011
- “Cancer Staging”, Department of Medicine Summer Course Series, Faculty of Medical Sciences, The University of the West Indies, Mona, July 2011
- “Systemic therapy for Head and Neck Cancer”, Jamaica Association of Clinical Pathologists, Kingston, November 2010
- ND McFarlane-Anderson, M K Tulloch- Reid, FI Bennett, **KCM Coard**, MD Jackson. “Is inflammation associated with Prostate

Cancer in Jamaican men?” 3rd Annual International African-Caribbean Cancer Consortium Conference, Miami, Florida, USA, November 2010.

- Mayhew. R Wan, F Bennett, **K Coard**, M Jackson. “Body mass index and prostate-specific antigen levels in Jamaican men.” (Poster presentation) 3rd Annual International African-Caribbean Cancer Consortium Conference, Miami, Florida, USA, November 2010.

#### **Dilworth L.**

- **L Dilworth**, M Gardner, H Asemota, F Omoruyi. “Morphological Changes in the Intestine of Rats Fed Phytic Acid Extract from Sweet Potato (*Ipomoea Batatas*)”. (Poster Presentation) American Association of Clinical Chemists Annual Meeting and Laboratory Exposition, Atlanta, Georgia, USA, July 2011.

#### **Gibson TN**

- “Challenges and opportunities in paediatric cancer registration: the Jamaican experience”. **Gibson TN**, Hanchard B. SickKids-Caribbean Paediatric Cancer and Blood Disorders Meeting, Bridgetown, Barbados, October 2010
- “The epidemiology of head and neck cancer in Jamaica”. 16<sup>th</sup> Annual Scientific Symposium of the Jamaican Association of Clinical Pathologists, UWI, Mona, November 2010.

#### **Hanchard, B.**

- “Non-Hodgkins lymphomas of the head and neck”, Jamaica Association of Clinical Pathologists 16<sup>th</sup> Annual Scientific Symposium, UWI, Mona, November 2010
- “The Epidemiology and pathology of lung cancer”. The 37<sup>th</sup> Annual Dr. Ena Thomas Memorial Lecture and Symposium, Jamaica Pegasus Hotel, November 2010

- “Epidemiology of Colon Cancer in Jamaica”. JCS DMED ACPJ AWIG Colon Cancer Symposium, Golf View Hotel, Mandeville, Jamaica, March 2011
- “Epidemiology of Colon Cancer in Jamaica” Association of Consultant Physicians Symposium, Knutsford Court Hotel, Kingston, Jamaica, March 2011
- “Epidemiology of Colon Cancer in Jamaica” Association of Surgeons Symposium, Kingston, Jamaica, May 2011
- J Campbell, **JR Jaggon**, P Johnson, C Bruce “The Establishment of an Intracranial Tumor Registry at the University Hospital of the West Indies”.
- P Johnson, J Campbell, **JR Jaggon**, C Bruce “Intracranial Tumor Registry of the University Hospital of the West Indies: Initial Data: Meningioma”.
- Caribbean Neurosciences Symposium, Ritz Carlton Hotel, Montego Bay, Jamaica, January 2011.

#### **Lowe D.**

- “Chemotherapy in Colon Cancer – *Past, Present and Future*”, Colorectal Cancer Symposium, Golf View Hotel, Mandeville, Jamaica, March 2011.

#### **McGrowder D.**

- “The expanding role of molecular biology techniques in clinical chemistry” at the Caribbean Association of Medical Sciences (CASMET) Annual Conference at Four Seasons Hotel, Kingston, Jamaica, March 2011.
- Crawford T, **McGrowder D**, Rawlins J. “Diabetes Mellitus and the Breathalyzer Test – The Question of Reliability: A Jamaican Study”. University Diabetes Research Outreach Programme (UDOP). 17<sup>th</sup> Annual International Diabetes Outreach, March 24 – 27.

- Green C, Wheatley A, Hanchard B, Gibson T, **McGrowder D**, Dilworth L, Asemota HN. “Histopathological effects of ortanique peel polymethoxylated flavones on organ structures of hypercholesterolemic rats.” Experimental Biology, April 9-13, 2011, Walter E. Washington Convention Centre, Washington D.C. USA.

### **Wharfe G.**

- “Assessment of the bleeding patient: When is it a haemostatic problem” Association of Family Physicians Conference, Medallion Hall Hotel, Jamaica, July 2010.
- “Early diagnosis and intervention in cancer: Does it really matter” Jamaican Association of Physiotherapists Conference, Alhambra Inn, Jamaica, September 2010.
- “Management of oligodendrogliomas” 29<sup>th</sup> Caribbean Academy of Neurosciences Annual Conference, Ritz-Carlton, Montego Bay, January 2011.
- “Erythrocytosis, thrombocytosis, leucocytosis-Reactive or neoplastic” Department of Medicine summer programme, Main Lecture Theatre, UWI, Mona, August 2011.

### **Williams N.**

- “Cervical Cancer: Epidemiology and Screening Overview”. North East Regional Health Authority Training in Cervical Cancer Screening Seminar, Annotto Bay Hospital, Jamaica, November 2010.
- “Colon Polyps and Risk Factors for Colon Cancer”. Jamaica Cancer Society/Association of Consultant Physicians of Jamaica/Association of West Indian Gastroenterologist Colon Cancer Symposium, Golf View Hotel, Mandeville, Jamaica, March 2011.



- “Lymph node identification in colon cancer: A collective quality assurance responsibility”
- “Recognition of microscopic colitis in the Caribbean”.
- Association of West Indian Gastroenterologists, Twenty-fifth Annual meeting and International Postgraduate course 2011, Rose Hall, Jamaica, April 2011.

**Presentation at the 19<sup>th</sup> Annual Research Conference of the Faculty of Medical Sciences, UWI, Mona Visitors Lodge and Conference Center, UWI, Mona, November 2010.**

- **Brady-West D**, West W, “Thrombo-embolic disease in patients with malignancies at the University Hospital of the West Indies: A ten-year review”, (poster presentation).
- **Brady-West D**, West W “Aetiology and radiological appearance of strokes in children and young adults”, (poster presentation).
- **Chin SN**, Plummer JM, Williams NP, Graham RP, Wharfe G. “The predictive value of histomorphologic features for the diagnosis of microsatellite instability (MSI) and Lynch Syndrome in the young Jamaican colorectal cancer (CRC) population.”
- Plummer JM, **Chin SN**, Williams NP, Graham RP, Wharfe G. “Lynch Syndrome in a predominantly Afrocentric Population: A clinicopathological and genetic study.” (poster presentation)
- B. Morrison, **K. Coard**, W. Aiken, M. Reid. “Risk of prostate cancer at repeat biopsy: the University Hospital experience.” (Poster presentation)
- **Shirley SE**, Mitchell DIG, Soares DP, James MV, Williams EE, Lowe DA, Rhoden AM, Choy L, Escoffery CT. “Clinico-pathologic features of breast cancer in Jamaica: The Jamaican Breast Disease Study.” Poster presentation

## PUBLICATIONS

### Books and Monographs

#### Book Chapter

- \* **D. McGrowder** “Blood doping in sports and detection strategies”. In: *Jamaican Gold; Jamaican Sprinters*, Eds. Rachael Irving & Vilma Charlton: University of the West Indies Press, 2010. 121-133.

### Refereed (Peer-Reviewed) Journal Articles

#### *WIMJ = West Indian Medical Journal*

- \* Fletcher HM, **Bennett F**, Simms-Stewart D, Reid M, **Williams NP**, Wilks RJ, Mitchell S, Scott P. “Cardiovascular disease risk factors in menopausal Jamaican black women after hysterectomy and bilateral oophorectomy: An observational study.” *WIMJ*, 2010; 59:625-632
- \* Johnson N, **Bishop KL**, Trotman H, Reid MEG. “Congenital Abnormalities at a Tertiary Centre in Jamaica: An 18 month Maternal - Fetal Medicine Experience.” *The Journal of Maternal-Fetal and Neonatal Medicine*, 2011, July, 1-5 (Epub ahead of print).
- \* **Chin SN**, Kim TK, Siu LL. “Hepatic Steatosis Secondary to Capecitabine”: a case report. *Journal of Medical Case Reports*. 2010; 4: 227.  
<http://www.jmedicalcasereports.com/content/4/1/227>
- \* **Chin SN**, Boyne MS, **McGrowder D**, **Gibson TN**, CA McKenzie. “The predictive value of urinary vanillylmandelic acid testing in the diagnosis of pheochromocytoma at the University Hospital of the West Indies.” *WIMJ*, 60; (2011): 141–147.
- \* Morrison B, **Coard K**, Strachan G, Miller R, Aiken W, Mayhew R. “Radical prostatectomy outcomes at the UHWI”: 2000-2007. *WIMJ*. 60: (2011): 68-72.

- \* McFarlane MEC, **Coard KCM**. “Actinomycosis of the colon with invasion of the abdominal wall: An uncommon presentation of a colonic tumour.” *International Journal of Surgery Case Reports*. 2010; doi:10.1016/j.ijscr.2010.07.002
- \* **Gibson TN, Hanchard B**, Waugh N, McNaughton D. “Age-specific incidence of cancer in Kingston and St. Andrew, Jamaica, 2003 – 2007.” *WTMJ*, 59 (2010): 456-64.
- \* **Gibson TN, Hanchard B**, Waugh N, McNaughton D. “Thirty-year trends in incidence and age-distribution of prostate cancer in Kingston & St. Andrew, Jamaica, 1978 – 2007”. *WTMJ*, 60, (2011): 9-12.
- \* Whittle DO, Lee MG, **Hanchard B**. “Juvenile Polyposis Syndrome.” *WTMJ*, 59, 3 (2010): 306-308.
- \* **Jaggon J**, Abrikian S, **Gibson T**, Johnson P, Liburd J. “Malignant craniopharyngioma: A case report and comprehensive review.” *The Internet Journal of Pathology* 11, 1 (2011): <http://www.ispub.com>
- \* Ottey-Allen A, Burnell G, Duncan W, Simpson C, **McGrowder D**, Alexander-Lindo R. “Assessment of blood donation process at four major centres in Jamaica.” *Journal of Diagnostic and Clinical Research* 4, (2010) :2720-2727.
- \* Vaz K, **McGrowder D**, Alexander-Lindo R, Gordon L, Brown P, Irving R. Knowledge, “Awareness and compliance with universal precautions among health care workers at The University Hospital of the West Indies.” *International Journal of Occupational and Environmental Medicine* 1, 4 (2010):171-181.
- \* **McGrowder D**, Brown P, Irving R, Crawford T, Anderson-Jackson L. “How prepared are medical and non-medical laboratories in Jamaica for accreditation?” *Accreditation and Quality Assurance* 15, (2010):569-577.
- \* Gordon L, St. A. Morrison E.Y, Ragoobirsingh D, Martorell E, Choo-Kang E, **McGrowder D**. “Lipid profile in hypertensive

and Type 2 diabetes mellitus in the Jamaican Population.” *Archives of Medical Sciences* 6, 5 (2010): 701 - 708.

- \* Pena-Fraser Y, Soyibo A, **McGrowder D**, Barton E. “The importance of bone biomarkers in the diagnosis of renal osteodystrophy.” *WTMJ*, 59, 3 (2010): 332 - 337.
- \* **McGrowder D**, Brown P. “A study of clinical and laboratory findings in patients with Leptospirosis at a tertiary teaching hospital in Jamaica.” *Research and Reports in Tropical Medicine* 1, (2010): 59-64.
- \* Brown P, McKenzie M, Pinnock M, **McGrowder D**. “Environmental risk factors associated with leptospirosis among butchers and their associates in Jamaica.” *International Journal of Occupational and Environmental Medicine* 2, 1 (2011): 47 – 57.
- \* **McGrowder D**, Riley C, Morrison E.Y. St. A, Gordon L. “Usefulness of high density lipoprotein-cholesterol in reducing disease risk.” *Cholesterol Journal*. Article ID 496925, 9 pages; doi:10.1155/2011/496925.
- \* Bryan S, Alexander-Lindo R, **McGrowder D**, Dasgupta T. “The effect of nitric oxide and s-nitrosothiols on haemodynamic parameters in an animal model.” *Open Access Animal Physiology*. 3, (2011): 1-8.
- \* Crawford T, Rawlins J, **McGrowder D**, Adams, Jr. R. “The Church’s response to sexual reproductive health issues among youths: Jamaica’s experience.” *Journal of Health and Religion* 50 ,1 (2011): 163 - 176.
- \* **McGrowder D**, Pena Y, Gordon L, C. Riley, Crawford T. “An assessment of lipid parameters in patients with subclinical and overt hypothyroidism.” *Cardiovascular Continuum* 2, (2011):17-23.
- \* Anderson M, Hinds P, Hurditt S, Miller P, **McGrowder D**, Alexander-Lindo R. “The microbial content of unexpired

- pasteurized milk from selected supermarkets in a developing country.” *Asian Pacific Journal of Biomedicine* 1, (2011): 205-211.
- \* Crawford T, **McGrowder D**, Rawlins J. “An assessment of falsely convicted type 1 diabetics in Jamaica by using the breathalyzer test.” *Journal of Clinical & Diagnostic Research* 5, 3 (2011): 448-452.
  - \* Bryan S, Alexander-Lindo R, **McGrowder D**, Dasgupta T, Irving R. “The effect of nitric oxide and s-nitrosothiols on glucose concentration in an animal model.” *Journal of Natural Sciences, Biology and Medicine* 2, 1 (2011): 80-86.
  - \* Walwyn M, Nicholson A, Lee MG, **Wharfe G**, Frankson MA. “Febrile neutropenia in cancer patients.” *WIMJ*, 59, 2 (2010): 209-214.
  - \* Roye-Green K, Frederick J, **Wharfe G**, Choo-Kang E, DaCosta V, Fletcher H, Smikle M. “Antiphospholipid and other autoantibodies in a cohort of habitual aborters and healthy multiparous women in Jamaica.” *Human Antibodies* (2011): 20: 1-5.
  - \* Ogunsalu C, West W, Lewis A, **Williams N**. “Ameloblastoma in Jamaica – Predominantly unicystic: Analysis of 47 patients over a 16-year period and a case report on re-entry cryosurgery as a new modality of treatment for prevention of recurrence.” *WIMJ*, 60, (2011): 240-246

## Refereed (Peer-Reviewed) Journal Abstracts

- \* **Chin SN**, Plummer JM, **Williams NP**, Graham RP, **Wharfe G**. “The predictive value of histomorphologic features for the diagnosis of microsatellite instability (MSI) and Lynch Syndrome in the young Jamaican colorectal cancer (CRC) population.” *WIMJ*, (2010); 59 (suppl 4): 42
- \* Plummer JM, **Chin SN**, **Williams NP**, Graham RP, **Wharfe G**. “Lynch Syndrome in a predominantly Afrocentric Population:

A clinicopathological and genetic study.” *WIMJ*. 59 2010: (suppl 4): 51

- \* Morrison B, **Coard K**, Aiken W, Reid M. “Risk of prostate cancer at repeat biopsy: the University Hospital experience.” *WIMJ*. (2010): 59 (Suppl 4) 49
- \* Green C, Wheatley A, **Hanchard B**, **Gibson T**, **McGrowder** Dilworth L, Asemota HN. “Histopathological effects of ortanique peel polymethoxylated flavones on organ structures of hypercholesterolemic rats.” *The FASEB Journal*, 2011:616.2.
- \* Crawford T, **McGrowder D**, Rawlins J. “Diabetes Mellitus and the Breathalyzer Test – The Question of Reliability: A Jamaican Study.” *WIMJ*. 2011:60 (Suppl. 1): 27.
- \* **Shirley SE**, Mitchell DIG, Soares DP, James MV, **Williams EE**, **Lowe DA**, Rhoden AM, Choy L, **Escoffery CT**. “Clinico-pathologic features of breast cancer in Jamaica: The Jamaican Breast Disease Study.” *WIMJ*, 2010: 59 (Suppl. 4) 48.

## INCOME GENERATION & DIVERSIFICATION

### Research Grants:

#### Dr K Bishop:

- Project Title: Investigation of the correlation between ovarian cancer FAK expression and tumor migratory and invasive potential. Funding: UWI (Mona) Principal’s New Initiative Fund - J\$1,678,073.85 (US\$19500) & UWI (Mona) Graduate Studies Award - US\$2,200.00 - January, 2011

#### Dr S Chin

- Project title: Locally advanced breast cancer in Jamaica: disease characteristics and response to neoadjuvant chemotherapy (September 2011). Funding source: Research Fellowship Committee, Office of the Principal/ Scientific and Management Committee of the Caribbean Health Research Council - J\$1.5M/5000USD

## **Dr N Williams**

- Establishment of the Jamaica Colorectal Cancer Registry: Collaborators – Dr J Plummer (Section of Surgery), **Drs G Wharfe, S Chin** (Department of Pathology), Dr S Gallinger, (Senior Research Scientist, University of Toronto, Canada). A grant of JD\$1.5M was approved.

## **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

### **Dr L Buchner-Daley**

- UWI representative, Ministry of Health NPHL/NBTS Modernisation Committee

### **Professor G. Char**

- Cytopathology Consultant, Jamaica Cancer Society

### **Dr Sheray Chin**

- Reviewer, *Gynecologic Oncology & West Indian Medical Journal*
- Member, American Society of Clinical Oncology, Caribbean Association of Oncology and Haematology
- Member, Association of Consultant Physicians of Jamaica
- Member, Medical Association of Jamaica

### **Professor K. Coard**

- Chairman, Research Grants Awards Committee, Caribbean Cardiac Society.

### **Professor C. Escoffery**

- Cytopathology Consultant, Jamaica Cancer Society

**Dr. T. Gibson**

- Cytopathology Consultant, Jamaica Cancer Society

**Professor B. Hanchard**

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

**Dr. J. Jaggon**

- Cytopathology Consultant, Jamaica Cancer Society
- Secretary/Treasurer, Jamaican Association of Clinical Pathologists
- Member and Assistant secretary, Jamaica League Against Epilepsy
- Neuropathology and Neuromuscular Consultations, Kingston Public Hospital, Bustamante Hospital for Children and Cornwall Regional Hospital

**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**

- President, Laboratory Association of Jamaica.
- Member, Accreditation Council, Jamaica National Agency for Accreditation

**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 G Wharfe**

- Member, Caribbean Association of Oncology and Haematology
- Chair, Jamaica Haemophilia Committee

**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, U.W.I. Medical Alumni Association
- Member, ICHS Alumnae Association “Big Sister” Programme
- Member, ICHS Alumnae Association Scholarship Committee

**HONOURS & AWARDS**

**Professor K Coard**

- Award of *Commander of the British Empire (CBE)*.
- **2010/2011** *Vice-Chancellor's Award for Excellence in Teaching*