

## 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 8<sup>th</sup> 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 parasепtаl 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.** “Extramedullary 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.
- \* **A Barnett, SO Cawich, IW Crandon, JF Lindo, G Gordon-Strachan, D Robinson, D Ranglin.** “Informed consent from patients participating in medical education: A survey from a University Hospital in Jamaica”. *BMC Research Notes* 2 (2009): 252.

- \* **EW Williams, SO Cawich, S Shah, SJ Hendricks, I Edwards, G Gordon-Strachan, J Williams-Johnson, CAR Bruce, P Singh, S French, R Hutson, M Reid, IW Crandon.** “Delays in presentation of stroke patients at the UHWI”. *WIMJ*, September 58, 4 (2009): 341-346.
- \* **R Bullock, D Soares.** “Current imaging of cerebrospinal fluid leaks (Viewpoint)”. *WIMJ*, Sept 58, 4 (2009): 362-366.
- \* **A Mattis, L Mowatt, A Lue, J Lindo, H Vaughan.** “Ocular angiostromyoliasis – First Case Report from Jamaica”. *WIMJ*, September 58, 4 (2009): 383-385.
- \* **L Mowatt, N Mathew, E Craig.** “An unusual presentation of nasopharyngeal carcinoma (Case Report)”. *WIMJ*, Sept 58, 4 (2009): 386-387.
- \* **REC Rose, A Crichlow, C Walters, A Ameerally, G Gordon-Strachan.** “Blood transfusion practices in total joint arthroplasties in Jamaica”. *J Clin Med Res* 1, 5 (2009): 287-273.
- \* **SO Cawich, N Iheonunekwu, F Hendriks, L Van Hanswijck de Jonge, MAC Frankson, G Hoeksema.** “Access surgery for haemodialysis in the Cayman Islands: Preliminary results of a vascular access service”. *International Journal of Angiology* 18, 2 (2009): 71-74.
- \* **R Augier, I Tennant, M Reid, H Harding, A Crawford-Sykes, S Bortolusso-Ali, M Isaacs, N Duncan.** “Perioperative transfusion of patients with sickle cell disease undergoing surgery at the UHWI”. *Internet Journal of Anaesthesiology* 21, 2 (2009): 11. ISSN 1092-406X.
- \* **CP Campbell, AT Barnett, MA Boyne, S Soares-Wynter, C Osmond, RA Fraser, TE Forrester.** “Predictors of physical activity and energy expenditure in Afro-Caribbean children”. *Journal of Developmental Origins of Health and Disease* 1, 1 (2009): S330.

- \* E. Ward, **T McCartney**, DW Brown, A Grant, A Butchart, M Taylor and the Technical Working Group for the Costing Study (**P Bhoorasingh**, H Wong, C Morris, AM Deans-Clarke, **J East**, C Valentine, **S Dundas**, C Pinnock). “Results of an exercise to estimate the Cost of Interpersonal Violence in Jamaica”. *WIMJ*, November 58, 5 (2009): 446-451.
- \* **I Tennant, R Augier, A Crawford- Sykes**, I Hambleton, M Tha, **H Harding**:.”Anaesthetic Morbidity at the UHWI – A Prospective Cross-Sectional Study”. *WIMJ*, 58, 5 ( 2009): 452-459.
- \* **EW Williams**, V Chand, **P Singh, R Turner, J Williams-Johnson**, I Edwards, M Ellis. “Closed Degloving Injury of the Thigh “[Letter to the Editor]. *WIMJ*, November 58, 5 (2009): 493-495.
- \* **REC Rose**. “Acute trauma applications of the Ilizarov method”. *The Internet Journal of Orthopedic Surgery*, 16, 1 ( 2010):
- \* **REC Rose**. “Tibial lengthening using the classic Ilizarov technique”. *The Internet Journal of Orthopedic Surgery*, 16, 1 (2010):
- \* **REC Rose**. “Pin site care with the Ilizarov circular fixator”. *The Internet Journal of Orthopedic Surgery*, 16, 1 (2010):
- \* E Ward, **T McCartney**, S Arscott-Mills, N Gordon, A Grant, **AH McDonald**, DE Ashley. “The Jamaica Injury Surveillance System: a profile of the Intentional and Unintentional Injuries in Jamaican hospitals”. *WIMJ*. January 59, 1 (2010): 7-13
- \* **JM Plummer, H Brown, K Jones, D Ferron-Boothe, N Meeks-Aitken, AH McDonald**. “Trauma- the burden of a preventable problem”. *WIMJ*. January 59, 1 (2010): 26-28
- \* RB Pierre, **JM Branday**, A Pottinger, A Wierenga. “Students’ Perception of the ‘Educational Climate’ at the Faculty of Medical Sciences, the University of the West Indies, Jamaica”. *WIMJ*. January 59, 1 (2010): 45-49

- \* **JM Plummer**, KO Bonadie, N Williams, **PA Leake**, **DIG Mitchell**: Duodenal Fibrosarcoma Mimicking Franz Tumor complicated by Post-resection Chylous Ascites (a Case Report)". *WTMJ*. January 59, 1 (2010): 84-87
- \* **J Williams-Johnson**. [CRASH-2 trial collaborator]. "Effects of tranexamic acid on death, vascular occlusive events, and blood transfusion in trauma patients with significant haemorrhage (CRASH-2): a randomised, placebo-controlled trial". *Lancet* 9734, 376 (2010): 23-32
- \* **KD Vaughan**. "Haiti: lessons learnt "[editorial]. *WTMJ*. March 59, 2 (2010): 119
- \* TM Foster, MG Lee, **CD McGaw**, MA Frankson: "Knowledge and Practice of Occupational Infection Control among Healthcare Workers in Jamaica". *WTMJ*, March 59, 2 (2010): 147-152.
- \* TM Foster, MG Lee, **CD McGaw**, MA Frankson. "Prevalence of Needlestick Injuries and other High Risk Exposures among Healthcare workers in Jamaica". *WTMJ*, March 59, 2 (2010): 153-158.
- \* V. Chin, **HE Harding**, **I Tennant**, **D Soogrim**, GM Gordon-Strachan, MAC Frankson. "Dynamics of Antibiotic Usage in the Intensive Care Unit at the UHWI". *WTMJ*, March 59, 2 (2010): 159-164.
- \* **I Tennant**, A Nicholson, G Gordon-Strachan, C Thomas, V Chin, MA Didier. "A Survey of Physicians' Knowledge and Attitudes Regarding Antimicrobial Resistance and Antibiotic Prescribing Practices at the UHWI". *WTMJ*, March 59, 2 (2010): 165-170.
- \* **W West**, KP West, EN Younger, **D Cornwall**. "Degenerative Disc Disease of the Lumbar Spine on MRI". *WTMJ*. March 59, 2 2010): 192-195

- \* M Asnani M, **EW Williams, SO Cawich**, M Reid, **A Mansingh, S Shah, J Williams-Johnson**. “Bilateral Psoas Abscesses and Vertebral Osteomyelitis in a Patient With Sickle Cell Disease”. *BMJ Case Reports* 2010.
- \* **P. Johnson, M. James, D. Mitchell & D. Soares**. “Double Independent Reading at Screening Mammography with Arbitration at the UHWI: The initial experience”. *The Internet Journal of Radiology* 12, 1 (2010)
- \* **IW Crandon, HE Harding, SO Cawich, AH McDonald, D Ferron-Boothe**. “Motorcycle accident injury profiles in Jamaica: An audit from the UHWI.” *Int J Inj Contr Saf Promot* 2009 16(3):175-8
- \* **SO Cawich, IW Crandon, Harding HE**, N McLennon. “Clinical Presentations of Pituitary Adenomas at a University Hospital in Jamaica.” *Int J Fam Prac.* 2009; 7(2)
- \* **SO Cawich, HE Harding, NR Evans NR, IW Crandon, DIG Mitchell, AC Martin, REC Rose**. “Strategies for Secondary Prevention of Motorcycle Road Traffic Accident Injuries: Time for Policy Re-Evaluation in Jamaica.” *Int J Emer Intensive Care Med.* 2010:12(1)
- \* **Crandon IW, Cawich SO, McLennon N, Harding HE, Gordon-Strachan G**. Trans-Sphenoidal Resection of Pituitary Tumours: Therapeutic Outcomes with the Sub-Labial Paraseptal Approach. *Int J Neurosurg.* 2009; 6(2).

### 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.
- \* **I Tennant,** A Nicholson, G Gordon-Strachan, C Thoms, V Chin, Didier MA. “A survey of physicians’ knowledge and attitudes regarding antimicrobial resistance and antibiotic prescribing practices at the UHWI”. *WIMJ*, 58, 4 (2009): 33.
- \* **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”. *WT MJ.* 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>
■ <b>Total:</b>	<b>J\$18,064,399.83</b>

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>
<b>Total</b>		<b>900</b>

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*”