

DEPARTMENT OF SURGERY, RADIOLOGY, ANAESTHESIA & INTENSIVE CARE

**Professor Newton Duncan, MB BS, DM (Paediatric Surgery),
FACS – Head of Department**

WORK OF THE DEPARTMENT

The Department of Surgery, Radiology, Anaesthesia and Intensive Care (Surradic) is one of nine and the largest clinical department within the Faculty of Medical Sciences. Surradic is engaged in the undergraduate and postgraduate training of medical and allied medical personnel including doctors, nurses, physiotherapists, psychologists and emergency physicians. The academic staff also undertakes medical duties as clinical consultants at the University Hospital of the West Indies, which is the principal teaching hospital for the faculty.



The Department oversees eight clerkships: Junior and Senior Surgery, Anaesthesia & Intensive Care, Ophthalmology, Orthopaedics, Radiology, Otorhinolaryngology and Emergency Medicine. In the Junior and Senior Surgery clerkships students are taught General Surgery, Neurosurgery, Urology, Cardiothoracic Surgery and Paediatric Surgery. There are currently 780 undergraduate and postgraduate students rotating through the Department.

The Department achieved an average teaching score of 4.0 for Courses and 4.5 for Lecturers on the five-point teaching scale, compared with 4.4

and 4.2 respectively for the previous year. Teacher training through the MEU/IDU is required of all new Department members.

The academic programmes continued to be reviewed periodically. The review of the MB BS and DM programmes are ongoing. The assessments have been generally positive and efforts continue in providing better oversight and improvement in delivery of content. The Undergraduate clerkship manual has been updated and core topics and lectures of junior and senior clerkships improved.

The continuous assessments and standard setting for the Undergraduate programme and the final examinations have been going very well. The examinations have continued to be conducted efficiently even though the process has been made to be of shorter duration.

The CHASE/Carnegie Skills Laboratory, which was opened in 2011, has been functioning as a simulator for basic and advanced training in all disciplines in Surgery, Anaesthesia and Intensive Care and Emergency Medicine. The classroom, microsurgical training room and four teaching stations have provided much needed teaching space. The cutting-edge technology installed in the laboratory has made it possible for teleconferencing sessions with other medical faculties, locally and internationally.

In addition to the University Hospital, the Kingston Public Hospital and the Cornwall Regional Hospital, two additional undergraduate teaching sites came on stream. They are the Mandeville Regional Hospital, which has commenced the teaching of final year (Year V) Surgery and Orthopaedics (Year IV), Post-Part 1 DM Orthopaedics, Ophthalmology and General Surgery and the Spanish Town Hospital.

The Pre Hospital Emergency Medical Service (PHEMS) programme, for which the Department assumed responsibility in 2010, has been set on stronger footing, with the appointment of a Full Time Assistant Lecturer, Dr S. Dasgupta, charged with the responsibility of setting up a BSc paramedic training program. During the past year this programme recertified 24 Emergency Medicine Technicians for the Jamaica Fire Brigade.

The Department hosted a successful and well supported 10th Annual Caribbean Neurosciences Symposium and Charity Golf Tournament from January 26-29, 2012 at the new Montego Bay Convention Centre and the Half Moon Resort, Montego Bay, St. James. The meeting was opened by The Minister of Health, the Honourable Dr Fenton Ferguson. The Scientific Chairman was UWI Associate Lecturer in Neurosurgery Dr. Carl Bruce. The symposium was highlighted by presentations from the Editor of the Journal of Neurosurgery, Professor Nelson Oyesiku from Emory University, who spoke on publishing in the Journal and The President of the Canadian Neurological Association Professor M. Christopher Wallace, the CANS 2012 Honoured Guest. The symposium was preceded by a pre-meeting workshop on Advanced Spine Surgical Technique, the only one of its kind in the Caribbean. It was held for the first time in the Department's CHASE/Carnegie Skills Laboratory.

The Department under the guidance of Professor Newton Duncan hosted the 11th William Dennis Memorial Lecture in July 2012 in the Main Medical Lecture Theatre, Faculty of Medical Sciences. The well attended lecture entitled "Exploring DNA in Medicine, Biotechnology and Science" was delivered by Prof. Wayne McLaughlin, Head of the Department of Basic Medical Sciences.

The Department maintains three registries:

- (1) The Trauma Registry which contains over 15000 records and continues to provide ample research material for injury-related studies.
- (2) The Intracranial Tumour Registry which originally entered 519 patient records using the software Abstract Plus. This software was upgraded to CNEXT (an online software) in November 2011
- (3) The Colorectal Cancer Registry project. Data is being collected on all colorectal cancer cases diagnosed at major sites across the island.

The Department's Head, Professor Newton Duncan was among the recipients receiving the Principals award for Best Publication 2011-2012 for the Research project : Pentavalent rotavirus vaccine in developing

countries: safety and health care resource utilization; *Pediatrics* 2010 Dec;126(6):e 1499-506, Christie CD, Duncan ND, Thame KA et al. Also, Dr William Aiken was mentioned among awardees associated with one of the Faculty's prostate cancer research projects being undertaken by Dr Maria Jackson from the Dept. of Community Health and Psychiatry.

With a full-time academic staff complement of 30, the per capita publication rate is 1.47 based on 44 publications in peer-reviewed journals, with a record 73 abstracts (31 2010/11). The Department maintained its substantial output of local, regional and international conference presentations numbering 85 for the academic year, up from 70 the previous year.

PAPERS PRESENTED

- HPV Associated Male Ano Genital Diseases – **Dr. MS Newnham**. PAHO Surveillance for HPV in Jamaica. Mona Visitors Lodge, September 16, 2011
- Diagnosing and staging of prostate cancer – **Dr. W. Aiken**. Prostate Cancer Medical Symposium, The Jamaica Pegasus Hotel, September 18, 2011.
- Epidemiology of prostate cancer – **Dr. B. Morrison**. Prostate Cancer Medical Symposium, The Jamaica Pegasus Hotel, September 18, 2011.
- Cardiovascular function in adult survivors of severe childhood malnutrition – **Dr. I. Tennant**. Developmental Origins of Health and Disease Conference, Portland Oregon, September 21, 2011.
- Surgical Considerations in Diabetic Foot Care: Improving the Current Standard of Care in Jamaica - **Dr. S.O. Cawich**. Jamaica Chiropractic Association's 2nd Annual Foot Care Symposium, Montego Bay Conference Centre, Jamaica. September 2011.
- Management of Foot Infections in Diabetic Patients: Defining the Surgeons' Roles and Responsibilities - **Dr. S.O. Cawich**.

Diabetes Educators of the Caribbean 2nd Annual Clinical Symposium. Pegasus Hotel, Jamaica. September 2011.

- Anaesthesia in Phacoemulsification Surgery - **Mowatt L.** Jamaica's First Phacoemulsification Workshop, Carimed Lab, Kingston, September 2011
- Peri-operative use of Statins, ACE-Inhibitors and beta-blockers - **Dr P. Jason Toppin.** The Jamaica Anaesthetists Association Annual Symposium, UHWI Main Lecture Theatre, October 23, 2011
- Futility of Care? Or playing God? – **Dr R .Augier.** The Jamaica Anaesthetists Association Annual Symposium, UHWI Main Lecture Theatre, October 23, 2011
- Sudden Painless Loss of Vision - **Mowatt L.** Sir Arnot Cato Symposium. Trinity Medical School. St Vincent Oct 2011
- The Future of Anaesthesia: Robotic Surgery. – **Dr. S.O. Cawich.** Caribbean Association of Nurse Anaesthetists' Annual Clinical Symposium. Sunset Grande Hotel, Montego Bay, Jamaica. November 12, 2011.
- Why Do People of African Descent in the Caribbean run so fast? Explanations from Gender Analysis, History and Medicine. – **Dr. W. Aiken.** The Institute for Gender and Development Studies, the Council Room; University of the West Indies. December 8, 2011.
- Abdominal Distension in The Newborn Infant - **Dundas - Byles SE.** Spanish Town Hospital Seminar; December 9, 2011.
- Metastatic Neuro-endocrine Carcinoma: How feasible is the laparoscopic approach to liver resections? - Edwards L, **Cawich SO**, Abu Hilal M, Frola C, Pearce N. 8th Annual European NET Conference for Diagnosis and Treatment of Neuroendocrine Tumor Disease; 2011.

- Laparoscopic Approach to Metastatic NET Disease - Edwards L, **Cawich SO**, Abu-Hilal, MX, Carlo F, Pearce N. United Kingdom and Ireland Neuroendocrine Tumour Society 9th National Conference. London. UKINETS. 2011; 25: P015. (Available online at http://www.ukinets.org/events/2011/2011_book.pdf)
- Single Incision-Feasibility in a Caribbean Setting – **Dr. S.O. Cawich**. 2nd Annual Laparoscopic Conference; University of the West Indies. January 20, 2012.
- Monitoring the Kidney Transplant Patient for Malignancy – **Dr. P. Roberts**. Caribbean Institute of Nephrology and The Department of Medicine UWI Renal Week Symposium, Small Lecture Theatre, March 9, 2012.
- 50. EMS in Jamaica – Service and Training – **Dr. S. French**. Emergency Medical Services Association of Jamaica (EMS) ‘Saving Lives’, UWI Faculty of Law Large Lecture Theatre, March 17, 2012..
- Diabetic foot – **Dr. R. Venugopal**. Diabetic Foot Programme of the International Diabetes Federation, Mount St. John, Antigua, March 29, 2012.
- Metastatic Neuroendocrine Tumours: A Review - Edwards L, Pearce N, Abu-Hilal M, **Cawich SO**. 9th Annual E -NET Conference for Diagnosis and Treatment of NET Disease. Copenhagen. 2012.
- The Painful Red Scrotum in Childhood – **Dr. SE Dundas - Byles**. Spanish Town Hospital Seminar; April 13, 2012.

The Jamaica Association of Radiologists Annual Symposium, Knutsford Court Hotel, September 18, 2011.

- Imaging in head and neck emergencies – **Dr. P. Johnson**.
- Medical Ethics – **Dr. M. Scarlett**.

- Approach to the management of abdominal incidental findings – **Dr. S. Shah.**
- Screening for breast cancer: panel discussion – **Drs. D. Cornwall & D. Mitchell.**

International Diabetes Day; Revamp Comprehensive Rehabilitation Centre. November 14, 2011

- Erectile Dysfunction – **Dr. B. Morrison.**
- Diabetes Mellitus – How it Affects The Eyes – **Dr. L. Mowatt**
- Georgetown Hospital Annual Clinical Conference. Princess Guyana Hotel, Georgetown,
- Guyana, November 20, 2011
- Pathophysiology of Chronic Leg Ulceration – **Dr. S.O. Cawich.**
- Laparoscopic Hepatectomy: Can we do it in Developing Countries with Scarce
- Resources? – **Dr. S.O. Cawich.**
- Surgical Access for Renal Failure: Balancing Cost and Clinical Benefit in the Context of Resource Scarcity in a Developing Nation – **Dr. S.O. Cawich.**

The 10th Annual Caribbean Neurosciences Symposium & Workshop. January 24-29, 2012.UHWI/UWI; Mona, Kingston & Rose Hall; Montego Bay.

- Dog bite injuries - **Dr. G. Arscott.**
- Pathological basis of brain tumour imaging – **Dr. P. Johnson.**
- Update on the brain tumour registry – **Ms. J. Campbell.**
- Medical ethics in the emergency department – **Dr. S. Dasgupta.**

- Cardiac surgery simulator presentation and live demonstration – **Dr. R. Irvine.**
- Simulation and medicine: the use of simulation in training and treatment delivery – **Professor A. McDonald.**
- Reflections: 50 years of health and wellness research - **Professor A. McDonald.**
- Trauma epidemiology and societal impact - **Professor A. McDonald.**
- Advanced prostate cancer, why spinal spread? – **Dr. W. Aiken.**
- Pathogenesis of anaemia in critical illness – **Dr. J. Toppin.**
- Tranfusion in Jamaica – **Dr. P. Leake.**
- Transfusion in neurosurgery at UHWI – **Dr. A. Crawford-Sykes.**
- Urological management of the neurogenic bladder post spinal cord injury – **Dr. B. Morrison.**
- Integration of technology into surgical practice; the possibilities in emerging economies – **Dr. P. Roberts.**
- The philosophy of minimal access surgery - **Dr. J. Plummer.**
- The evolution of implant surgery from arthrodesis to arthroplasty – **Dr. K. Vaughan.**
- Ophthalmology findings that suggest intracranial tumours – **Dr. L. Mowatt.**
- Making a successful vascular anastomosis – lessons from cardiac surgery – **Dr. J. Blidgen.**
- Orbital Tumours – **Dr. C. Bruce.**

The Jamaica Orthopaedic Association; The Sir John Golding Memorial Lecture held Jamaica Conference, Kingston. February 4 & 5th, 2012.

- Establishing an Orthopaedic Registry – **Dr. W. Palmer.**
- Arthroplasty in Sicklers and Rheumatoids – **Dr. K. Vaughan.**
- Jamaica Urological Society/Caribbean Urological Association Joint Annual meeting, Jamaica Conference Centre, February 26, 2012.
- The Influence of Sexual Behaviour, Sexually Transmitted Infections and Condom Use on Prostate Cancer Risk in Jamaican Men: A Case-control Study – **Aiken W.**
- Sprinting Prowess and Prostate Cancer: Are they Related? – **Aiken W.**

New Advances & Controversies in Critical Care Medicine; Section of Anaesthesia & Intensive Care. UWI Main Lecture Theatre & CHASE/Carnegie Skills Teaching Lab, FMS, UWI, Mona, Jamaica. March 17-18, 2012.

- Diagnosis and Management of Life Threatening Arrhythmias – **McGaw C.**
- Management of Post-cardiac Arrest – **Toppin P.J.**
- Sedation Strategies in the ICU – **Soogrim D.**
- Brain Trauma Foundation Guidelines re Management of Traumatic Brain Injury – **Bruce C.**
- Basics of Medical Ventilation – **Harding- Goldson H.**
- Interpreting Ventilator Graphics – Flow Volume Loops – **Ehikametalor K.**
- Rescue Modes and Lung Protective Strategies – **Toppin P.J.**

- Rescue Lung Strategies for ALI/ARDS-IRV, APRV, HFV, Prone Ventilation – **Toppin P.J./ Barrow P.**
- Ventilation in Obstructive Disease States: Asthma, COPD – **Crawford-Sykes A / Aquart-Stewart A.**
- Non-invasive Ventilation, Benefit in CCF, COPD – **Soogrim D** et al.
- Tracheostomy, Percutaneous Tracheostomy (practical), Indications, Timing: early vs. late. **Ehikametalor K, Augier R** et al.

57th Annual Council and Scientific Scientific Meetings (CHRC), April 19-21, 2012, Grand Cayman Islands Marriot Beach Resort.

- Safety of Testosterone Replacement of Hypogonadism associated with Sickle Cell Disease: A Pilot Report – **Dr. B. Morrison et al.**
- The Influence of Sexual Behaviour , Sexually Transmitted Infections and Condom use on Prostate Cancer risk in Jamaican men: A Case –control Study – **Drs. W. Aiken, R. Mayhew, B Morrison** et al.
- A Retrospective Case-control Analysis of Predispositions to Severe Obstetric Perineal Lacerations – **Dr. SO Cawich** et al.

The Association of Surgeons in Jamaica, 54th Annual Clinical Conference. The Jamaica Pegasus , May 19 & 20, 2012.

- Laparoscopic Inguinal Hernia Repair: An Audit of 88 consecutive procedures. – **Cawich SO**, Mohanty SK, **Harding H**, Bonadie K, Simpson LK, **Johnson PJ**, **Shah S**, **Roberts P**, **Williams EW**, Soethwe Y.
- Diagnosing Diabetic Mastopathy – Kirby X, **Mitchell D**, Williams N.
- Gastroesophageal Reflux and Esophageal Strictures in Children with Cornelia de Lange Syndrome – Vincent M, **Duncan N.**

- Biomechanical Comparison of the Facet Fuse Transfacet Pedicle Screws versus Pedicle Screws with a Transforaminal or Lateral Interbody across the Lumbosacral Segment (L5-S1) – Chin KR, Reis MT, Reyes PM, Anagnost SC, Kushwaha VP, Gabriel JP, Meyer SC, **Bruce CA**, Yu WD, Crawford NR.
- Single Dose Peripheral Nerve Blocks Compared with Parenteral Opioids for Post Operative Pain Management in Patients Undergoing Lower Limb Orthopaedic Procedures at University Hospital – Johnson H, **Ehikametalor K**, **Minott J**, **Harding H**.
- A Case of Laparoscopic Liver Resection in Jamaica – **Roberts P**, **Mitchell DIG**, **Toppin PJ**, **Johnson P**, **Cawich SO**, **Shah S**, **Leake PA**.
- Biomechanical Testing of the Invue Cervical Plate versus Predicate Device for Market Approval – **Bruce C**, Yu W, Chin K, Kushawaha V, Gabriel J.
- Single Incision Laparoscopic Cholecystectomy in the Caribbean: Multi Centre Audit – **Cawich SO**, **Williams EW** et al.
- Health Care Workers’ Attitudes Toward Advancement of Minimally Invasive Surgery Practice in Jamaica: A National Survey – Cherian CJ, **Cawich SO**, Soethwe Y, **Williams EW**, et al.
- Robotic Inguinal Hernia Repair – Simpson LK, **Cawich SO**, Morris CH, Bonadie KO, et al.
- Interventional Management of Failing or Failed Haemodialysis Access – **Johnson PJ**, **Shah S**, **Cawich SO**.
- Keloids: Epidemiology and Management Outcomes at the University Hospital of the West Indies – **Venugopal R**, Soethwe Y, DeSouza C.

- New Frontiers in Diabetes Management – The Role of the Surgeon – Simpson LK, **Cawich SO**, Morris CH, Bonadie KO, **Issacs M**.
- Single Institution Experience with Central Pancreatectomy and Roux – en – Y Pancreatico-Jejunostomy – **Roberts PO**, Szasz P, Hart R.
- Short Term Results of Left Lateral Segmentectomy for Malignant Disease with a Totally Laparoscopic Approach – **Cawich SO**, Pearce NW, Abu-Hilal MX, Di Fabio F.
- Colorectal Anastomotic Leakage at the University Hospital of the West Indies – A Retrospective Analysis and Assessment of Risk Factors – **Leake P**, **Plummer J**, Rhoden A, Frankson MAC, Gordon-Strachan G, **Powell L-P**, **Roberts PO**.
- 11-year Experience of Managing Penetrating Ano-rectal Injuries in Jamaican Children – Vincent M, Abel C, **Duncan N**.
- American Urological Association meeting, Atlanta Georgia, May 19-23, 2012.
- Pathological Outcome and Biochemical Recurrence Free Survival following Radical Prostatectomy in African American, Afro Caribbean (Jamaican) and Caucasian Men: An International Comparison – Ritch C, **Aiken W**, **Mayhew R**, **Morrison B**.

PUBLICATIONS

WIMJ = *West Indian Medical Journal*

Full papers (peer-reviewed):

- * **Williams-Johnson, JA**, **McDonald AH**, Gordon-Strachan, G, **Willaims, EW**: Effects of Transexamic Acid on Death, Vascular Occlusive Events, and Blood Transfusion in Trauma Patients with Significant Haemorrhage (CRASH-2): a

randomized, placebo-controlled trial. *WIMJ*, December 2010; 59 (6):612-624

- * Chang, LPT, **Harding HE, Tennant I, Soogrim D, Ehikhametalor, James B**, Frankson A, Gordon-Strachan GM: Interdisciplinary Communication in the Intensive Care Unit at the University Hospital of the West Indies. *WIMJ*, December 2010; 59 (6):656-661
- * **Morrison BF**, Coard K, Strachan G, Miller R, **Aiken W, Mayhew R**: Radical Prostatectomy Outcomes at the University Hospital of the West Indies: 2000-2007. *WIMJ*, January 2011; 60 (1):68-72
- * **Morrison B, Aiken WD**, Reid M: Female Urinary Retention at the University Hospital of the West Indies: challenging diagnosis (Letter to the Editor). *WIMJ*, January 2011; 60 (1): 102
- * Lewis T, DaCosta V, Harriott J, Wynter S, Christie L, **Cawich S**: Factors Related to Obstetric Third and Fourth Degree Perinatal Lacerations in a Jamaican Cohort. *WIMJ*, March 2011; 60 (2):195-198
- * **Brown E**, Maharaj S, James K: The Need for Gender Specific Tobacco Control Strategies: KAP survey findings on environmental tobacco smoke exposure among women in the reproductive age group. *WIMJ*, March 2011; 60 (2):208-213
- * McNaughton D, **Aiken W**, McGrowder D: Factors affecting prostate cancer screening behaviour in a discrete population of doctors at the University Hospital of the West Indies, Jamaica. *Asian Pac J. Cancer Prev.* 2011; 12(5): 1201-5
- * **McDavid HA, Cowell N, McDonald A**: Is criminal violence a non-communicable disease? Exploring the epidemiology of violence in Jamaica. *WIMJ*. July 2011 60 (4): 478-482.
- * **WD Aiken**: Historical determinants of contemporary attributes of African descendants in the Americas: The androgen receptor holds the key. *Medical Hypotheses*. October 2011.

- * Lee MG, **McGaw CD**, Chin L, Frankson MAC, Walters CA.: Propofol sedation in patients undergoing colonoscopy in Jamaica. *WIMJ*. June 2011 60 (3): 284-288.
- * Tulloch-Reid MK, **Aiken WD**, **Morrison BF**, Tulloch T, **Mayhew R**, Wan RL, Bennett FI, Coard KC, Jackson MD: Body Mass Index and Prostate Specific Antigen Levels in Jamaican men. *WIMJ*. June 2011 60 (3): 316-321.
- * Harry MF, **Plummer JM**, Stubbs M, Aitken R: Non-operative management of non-destructive extra- peritoneal rectal injury (case report). *WIMJ*. June 2011 60 (3): 344-345.
- * Harry M, **McFarlane M**, **Plummer J.**: Adenocarcinoma of the colon – an uncommon cause of intussusception. *WIMJ*. June 2011 60 (3): 372-374.
- * **McDavid HA**, Cowell N, **McDonald A**: Is criminal violence a non-communicable disease? Exploring the epidemiology of violence in Jamaica. *WIMJ*. July 2011 60 (4): 478-482.
- * **Aiken WD**: Historical determinants of contemporary attributes of African descendants in the Americas: The androgen receptor holds the key. *Medical Hypotheses*. October 2011.
- * Morrison BF, Aiken WD, Reid ME: Impact of the National Health Fund policy on hormone treatment for prostate cancer in Jamaica. *Rev Panam Salud Publica*. 2011 June;29 (6):404-8.
- * **Morrison BF**, Burnett AL: Priapism in Hematological and coagulative disorders: an update. *Nature Reviews Urology*. 2011 Apr; 8 (4): 223-30. Epub 2011.
- * Christie CD, **Duncan N**, Thame K, Onorato M, Smith HD, Malcolm LG, Itzler RF, DiNubile MJ, Heaton PM: Pentavalent Rotavirus Vaccine in Developing Countries: Safety and Health Care Resource Utilization. *Paediatrics* 2010;126; e1499.
- * Edwards L, **Cawich SO**, Abu Hilal M, Frola C, Pearce N: Metastatic Neuro-endocrine Carcinoma: How feasible is the

- laparoscopic approach to liver resections? *Neuroendocrinol.* 2011; 94 (1): 15.
- * **Aiken WD:** Editorial; Screening for Prostate Cancer: throwing out the baby with the bathwater. *WIMJ.* 2011; 60 (5): 503-504.
 - * **Morrison BF, Hanchard B, Graham RP, Reid ME:** Penile Cancer in Jamaicans Managed at the University Hospital of the West Indies. *WIMJ.* 2011; 60 (5): 525-530.
 - * **Mowatt L, Nelson-Imoru J, Gordon-Strachan G:** Glaucoma Medication Compliance Issues in a Jamaican Hospital Eye Clinic. *WIMJ.* 2011; 60 (5): 541-547.
 - * **West WM, Ali A, West KP, Stulz R:** Acute Computed Tomography Findings in Patients with Acute Confusion of Non-traumatic Aetiology. *WIMJ.* 2011; 60 (5): 571-575.
 - * **Aiken WD:** Letter to Editor; Prostate Cancer Incidence in Jamaica before and after the Introduction of Prostate Specific Antigen. *WIMJ.* 2011; 60 (5): 597-598.
 - * **Crandon IW, Harding HE, Cawich SO, Webster D:** Complicated Head Trauma from Machete Wounds: The experience from a tertiary referral hospital in Jamaica. *Int j Inj Contr Saf Promot.* 2011; 28 94): 1-5.
 - * Edwards L, **Cawich SO, Abu Hilal M, Frola C, Pearce N.** Metastatic Neuro-endocrine Carcinoma: How feasible is the laparoscopic approach to liver resections? *Neuroendocrinol.* 2011; 94(1):15.
 - * **Leake P-A, Hamilton-Johnson TN, Harry M, Gordon-Strachan G, Plummer JM, Newnham MS.:** Open abdominal aortic aneurysm repair in the era of Endovascular Repair. *WIMJ.* 2011; 60 (6): 636-640.
 - * **Vaughan KD, Aquart AM.:** Systemic Lupus Erythematosus and Neisseria gonorrhoea – a case of the arthritis-dermatitis syndrome. *WIMJ.* 2011; 60 (6): 688-689.

- * Johnson N, **Johnson P**, Blaser S: Fetal Central Nervous System Magnetic Resonance Imaging at the University Hospital of the West Indies, Jamaica. *WIMJ*. 2012; 61 (1): 49-57.
- * Myint KS, **French S**, **Williams-Johnson J**, **Williams E**, **Johnson P**, Reid MO, Gordon-Strachan G: Role of Routine Chest Radiographs in the Evaluation of Patients with Stable Blunt Chest Trauma – A Prospective Analysis. *WIMJ*. 2012; 61 (1): 64-72.
- * **Scarlett MD**, **Crawford-Sykes A**, **Harding HE**: The Development of Anaesthetic Services in Jamaica. *WIMJ*. 2012; 61 (1): 73-75.
- * **Aiken WD**, Eldemire-Shearer D: Prostate Cancer in Jamaica and the Wider Caribbean: It is Time to Consider Screening. *WIMJ*. 2012; 61 (1): 90-93.
- * Letter to the Editor – Prostate Cancer Screening still a Contentious Issue. *WIMJ*. 2012; 61 (1): 113-114.
- * Graham RPD, **Plummer JM**, **West KA**, Williams NP.: Adequacy of lymph node harvesting in colorectal cancer management: improving standards, ensuring quality. *WIMJ* 2012;61(2)134-138
- * McGaw CD, Tennant I, Harding-Goldson H, Cawich S, Crandon IW, Walters CA: Healthcare workers' attitudes and compliance with infection control guidelines in the operating department at the University Hospital of the West Indies. *International Journal of Infection Control* 2012; vol 8(3)
- * **Plummer JM**, Sheray N, Aronson M, Willaims N, Bharati B, Wharfe G, Pollett A, Gallinger S.: Lynch Syndrome in a predominantly Afrocentric population: a clinicopathological and genetic study. *Can J Surg* 2012; 55(5):294-300
- * **Dasgupta S**, **French S**, **Williams-Johnson J**, **Hutson R**, **Hart N**, Wong M, **Williams E**, **Espinosa K**, **Maycock C**, **Edwards R**, **McCartney T**, **Cawich S**, **Carndon IC**.: EMS

response to an airliner crash. *Prehospital and Disaster Medicine* / volume27 / issue03 / June 2012, pp 299-302

- * 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 the Prevention of Recurrence. *WIMJ*, 2011;60 (2) : 240
- * Clarke T, **Johnson P**, Webster D, Gilbert D, Barton E. Transient Cortical Blindness post Angiography. A case report. *WIMJ*, 2011; 60 (3):357
- * Johnson N, **Johnson P**, Blaser S. Fetal Central Nervous System (CNS) Magnetic Resonance Imaging (MRI) Imaging at the University Hospital of the West Indies (UHWI), Jamaica – The Initial Experience. *WIMJ*. 2012; 61(1): 49-57.
- * **Johnson P**, Jaggon J, **Bruce C**, Campbell J, **Crandon I**, Char G, Eldemire-Shearer D: Intracranial Tumour Registry of The University of the West Indies: Initial data: Meningioma. *The Internet Journal of Third World Medicine*:
- * **R. Bullock, R. Mayhew**, T. Gibson, M. James, M. Didier, J. Nebnani: Leiomyoma: An unusual bladder neoplasm. *BMJ Case Reports* 2011; doi:10.1136/bcr.01.2011.3739

Book Chapter

- * **Mowatt L** (2011). Secondary Glaucoma After Vitreoretinal Procedures, Glaucoma Current Clinical and Research Aspects, Pinakin Gunvant (Ed.), ISBN: 978-953-307-2630. Available online InTech, from: <http://www.intechopen.com/articles/show/title/secondary-glaucoma-after-vitreoretinal-procedures>

Abstracts

- * **Morrison B, Soares-Wynter S**, Madden W, Reid M: Hypogonadism, bone mineral composition and lipid abnormalities in adult male patients with sickle cell disease. *WIMJ*, 2011; 60 (Suppl 2):20

- * **Morrison B**, Burrowes IE, **Aiken W**, **Mayhew R**, Fletcher H, Reid M: Bone mineral density in Jamaican men on androgen deprivation therapy for prostate cancer. *WTMJ*, 2011; 60 (Suppl 2):23
- * **Cawich SO**, **Barnett AT**, **Crandon IW**: Postgraduate surgical training: improving the quality of the process of informed consent for surgery in training hospitals. *WTMJ*, 2011; 60 (Suppl 2):31-32
- * Abu Hilal M, Di Fabio F, **Cawich SO** et al: Single-center experience of pure laparoscopic liver resection for malignant disease: short and mid-term results support the oncological efficacy of minimally invasive liver surgery. *HPB*. 2011; 13(S2):142-143.
- * **Morrison B**, **Aiken W**, Reid M: Trends in androgen deprivation therapy for prostate cancer since the introduction of the National Health Fund. *WTMJ*, 2011; 60 (Suppl 2):39-40
- * **Cawich S**, Arthurs M, Murphy T, **Martin AC**, **Mitchell DIG**, Gordon-Strachan G: Screening for common duct stones with pre-operative endoscopic cholangiography in a sickle cell cohort. *WTMJ* 2011; 60 (Suppl 2):46
- * **Isaacs M**, **Harding HE**, Arthurs M, Murphy T, **Cawich SO**, **Martin AC**, Roberts HA, Gordon-Strachan G: An audit of ERCP morbidity in patients with homozygous sickle cell haemoglobinopathy at the University Hospital of the West Indies. *WTMJ* 2011; 60 (Suppl 2):51-52
- * **Crandon IW**, **Harding HE**, **Cawich SO**, Webster D: Complicated head trauma from machete wounds: the experience from a tertiary referral hospital in Jamaica. *International Journal of Injury Control and Safety Promotion*.
- * **Plummer JM**, **Mitchell DIG**, Arthurs M, **Deans-Minott, J**, **Leake P**, **Martin A**: Laparoscopic Colectomy For Colonic Neoplasms In A Developing Country. *International Journal of Surgery* 9 (2011) 382-385

- * **Morrison BF**, Burrowes IE, **Aiken WD**, **Mayhew RG**, Fletcher HM, Reid ME: Bone mineral density in Jamaican men on androgen deprivation therapy. *Infectious Agents and Cancer*. 2011, 6 (Suppl 2): S7
- * Purakal J, **Williams-Johnson J**, **Williams E**, Ibtissam A, Senga P, Kambona J, Welch R, Flack J, Levy P: Barriers to self-efficacy amongst racially similar but ethnically divergent emergency department patients with hypertension. *Academic Emergency Medicine (Suppl.)* 2011: 18 (1) S38-9.
- * Purakal J, **Williams-Johnson J**, **Williams E**, Ibtissam A, Senga P, Kambona J, Welch R, Flack J, Levy P: Differences and similarities in explanatory models of hypertension in the United States, Tanzania and Jamaica. *Academic Emergency Medicine (Suppl.)*. 2011: 18 (1)S38-9.
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INCOME GENERATION

William Dennis Memorial Lecture	–	\$ 170,000.00
Anaesthesia & Intensive Care (AIC)		
Conference/Workshop/Resident’s Symposium –	\$	250,000.00
AIC’s ‘Jamaica By Bike’ & NCB Foundation	–	\$ 350,000.00
UWI Caribbean Neuroscience Symposium	–	\$ 1,142,310.13
Consultancy income	–	\$ 2,591,499.00
Skills Laboratory	–	\$ 294,446.50
Total	–	<u>\$4,798,255.63</u>

PUBLIC SERVICE

Prof. Newton Duncan

- Chairman, Accident & Emergency Advisory Committee, UHWI
- Chairman, Intensive Care Unit/Operating Theatre Committee, UHWI

- Council Member, Association of Surgeons in Jamaica

Prof. Ivor Crandon

- Member, Disciplinary Panel of the Jamaican Anti-Doping Commission,
- Member, Ministry of Local government, Community Development & Sports
- Trustee, Mona Investment Trust Club

Dr. Michael McFarlane

- Honorary Consultant, Jamaica Cancer Society
- Board Member, Jamaica Cancer Society
- Examiner in Surgery, Caribbean Medical Council
- Governor and President, American College of Surgeons (Jamaica Chapter)

Dr. William Aiken

- Member, National Health Fund Medical Advisory Panel
- Convenor/Secretary, Mona Investment Trust Club
- Consultant, Prostate Cancer Screening Clinic, Jamaica Cancer Society

Dr. Leo-Paul Powell

- Secretary, Association of Surgeons in Jamaica

Dr. Nickola Nelson

- Treasurer, Association of Surgeons in Jamaica

Dr. Christopher Rose

- Member, Medical Team, Reggae Marathon, Negril, Jamaica
- Annual Volunteer Service, General Hospital, St Georges, Grenada.

Dr. Wayne Palmer

- Vice President, Jamaica Orthopaedic Association

Dr. Derek Mitchell

- Board Member, Jamaica Cancer Society (JCS)
- Chair, Clinic Committee of the JCS
- Consultant, Breast Cancer Screening Clinic, JCS
- Deputy President, American College of Surgeons (Jamaica Chapter)
- Course Coordinator & Treasurer, Advanced Trauma Life Support, Jamaica

Dr. Lizette Mowatt

- President, Ophthalmological Society of the West Indies (OSWI)
- Vice President, Ophthalmological Society of Jamaica (OSJ)
- Examination Coordinator, International Council of Ophthalmology (ICO) Examinations in Jamaica

Dr. Rajeev Venugopal

- International Member, American Society of Plastic Surgeons
- Volunteer Physician, Jamaica Football Federation
- Art Director, Mehefil (Indian Cultural Show)

Dr. Hyacinth Harding-Goldson

- Executive Member, Representative for South East Region, Jamaica Anaesthetist Association.
- Member, World Federation of Societies of Anesthesiologists (WFSA)
- Examiner, Jamaica School of Nurse Anaesthetists

Dr. Marinna Scarlett

- Co-Chairman, Policies & Procedures Audit Committee, UHWI

Dr. Alan Barnett

- Chairman, Ethics and Constitutional Reform Committee, Medical Association of Jamaica

Dr. Sundeep Shah

- President, Jamaica Association of Radiologists

Dr. Brian Ying

- Vice President, Jamaica Association of Radiologists

Dr. Jean Williams-Johnson

- Medical Director, Accident & Emergency Unit, UHWI
- Member and Secretary, Management Committee, Caribbean Poison Information Centre
- Member and Secretary, Executive Committee, Jamaica Association of Sports Medicine
- Volunteer service as Team Physician to several local sports meetings
- Board Member, John Rufus Williams Education Trust

Dr. Praitmanand Singh

- Deputy Director, Accident & Emergency Unit, UHWI
- President, Jamaica Association of Sports Medicine
- Secretary, Senior Common Room Club
- Volunteer Team Physician to the Olympics, Pan American, Commonwealth etc.
- Physician to the Jamaica Netball Team

Dr. Rhonda Hutson

- Trainer, Sexual Assault Management, health, legal and law enforcement professionals island wide, through the Medical Services Branch, Jamaica Constabulary Force.
- Volunteer service as Team Physician to several local and international sports meetings

Dr. Simone French

- Board Member, Jamaica National Resuscitation Council

Dr. Eric Williams

- Volunteer doctor, Jamaica National Children's Home

STUDENTS

Undergraduate programme

Fourteen of 17 MBBS final examination candidates passed the sitting in November/December 2011, while 121 of 122 candidates passed the May/June 2012 final examination, five of whom achieved Honours.

Graduate programme

During the period under review there were 190 residents in the DM programme as follows:

- General Surgery 29; Paediatric Surgery 12; Orthopaedics 19; Urology 12; Otorhinolaryngology 12; Neurosurgery 14; Cardiothoracic Surgery 9; Ophthalmology 18; Emergency Medicine 12; Radiology 17; and Anaesthesia & Intensive Care 36.

The following students were awarded Doctor of Medicine degrees:

Dr. Alfred Dawes	–	DM General Surgery
Dr. Tanya Hamilton	–	DM General Surgery
Dr. Kevan Smith	–	DM General Surgery
Dr. Lincoln Cox	–	DM General Surgery
Dr. Peter Charles	–	DM Neurosurgery
Dr. Paul Adams	–	DM Orthopaedic Surgery
Dr. Jeetu Nebhnani	–	DM Urology
Dr. Brian Masters	–	DM Radiology
Dr. Hilary Johnson	–	DM Anaesthesia & Intensive Care
Dr. Rachel Gooden	–	DM Anaesthesia & Intensive Care

PRIZES AWARDED

Katherine Innis (Mona): Surgery Medal

(Awarded to the student with the best performance in the Surgery paper in the May/June Final MBBS Examinations on all Campuses).