

DEPARTMENT OF SURGERY, RADIOLOGY, ANAESTHESIA & INTENSIVE CARE



Professor Newton Duncan, MBBS, DM (General Surgery), FACS
Head of Department

WORK IN THE DEPARTMENT

The Department of Surgery, Radiology, Anaesthesia and Intensive Care (SURRADIC) is staffed by academics committed to high standards of instruction and teaching to undergraduate and post graduate students. The Department oversees Doctor of Medicine postgraduate programmes in General Surgery, Orthopaedics, Neurosurgery, Urology, Paediatric Surgery, Cardiothoracic Surgery, Ophthalmology, Otorhinolaryngology, Radiology, Anaesthesia and Emergency Medicine. Academic Staff members also lecture to allied health professions such as nursing, physiotherapy and pre-hospital emergency health care.

During the 2013–2014 academic year, 1100 undergraduate and 120 post graduate students rotated through the Department. Overseas elective

students from France, China, Germany, United Kingdom and the United States of America also were instructed in surgery and other health care disciplines.

The MBBS and DM academic training manuals were updated. The CHASE/Carnegie Skills Laboratory, which functions as a simulator for basic and advanced training in Surgery, Anaesthesia, Intensive Care, Emergency Medicine as well as the sub-disciplines of General Surgery, was heavily utilised by lecturers during undergraduate and postgraduate teachings. The sophisticated equipment installed made it possible to have teleconferencing sessions with a variety of international experts in these disciplines. Lecturers also conducted many practical hands on sessions in minimally invasive surgery.

The Pre Hospital Emergency Medical Service (PHEMS) programme under the direction of Drs. Simone French and Shuvra Dasgupta have in place a curriculum geared to offer a BSc Professional Paramedic Degree. Financial support from the Principal's Initiative is allowing Mr. Ryan Rufus to upgrade himself academically to the level of an internationally accredited paramedic. Mr. Rufus will be a critical resource person for this degree program.

The Department hosted in July 2014, the 13th JMMB Ltd. sponsored, William Dennis Memorial Lecture. The Lecture was chaired by Professor Barrie Hanchard and was delivered by Professor Horace Fletcher, Dean of the Faculty of Medical Sciences. Professor Fletcher lectured on " Post Graduate Training in Medicine in Jamaica".

The 12th staging of the Caribbean Neurosciences Symposium and Charity Golf Tournament was held in January 2014 at the Montego Bay Convention Centre and Half Moon Hotel and Resort. This conference again was the result of the collaborative efforts of Dr. Carl Bruce, Professor Ivor Crandon and Dr. Robert Ramcharan.

The Section of Anaesthesia & Intensive Care, as part of its continuing education programme conducted training in Echocardiography and Ultrasound and received participating students and faculty from the wider Caribbean, USA and the UK. The Section also staged on 25th

April 2014 another immensely successful Residents' Symposium on the theme "Healthcare Challenges in the Aging Population".

DEPARTMENTAL STAFF MOVEMENTS

Those attaining Indefinite Tenure:

- Dr. Alan Barnett
- Dr. Allie Martin
- Dr. Ingrid Tennant-Martin
- Dr. Peter Johnson

The Department maintains three Academic Research Registries:

1. **The Trauma Registry:** Of over 18,300 records which continues to provide ample research material for injury related studies.
2. **The Intracranial Tumour Registry:** Consisting to date of 677 patient records, utilising the software CNExT. This is a collaborative effort between the Neurosurgery Service in the Section of Surgery, the Section of Radiology and the Department of Pathology. This Registry is funded through the Principal's Fellowship Initiative. The aim is to create a radio-clinico-pathological database of intracranial tumours.
3. **The Colorectal Cancer Registry:** This registry maintains a data base on all cases of colorectal cancer sourced from major health facilities across Jamaica. This data allows for evidence-based research in the diagnosis and treatment of colon cancer. To date over 660 cases have been recorded.

PAPERS PRESENTED

Major conferences/ seminars

- **KD Vaughan, S Prince** "Does Private Care Matter? The Case of Fracture of the Neck of the Femur" Department of Surgery, Radiology Anaesthesia & Intensive Care's 25th Clinical Research Meeting & Workshop FMS Teaching & Research Complex, 30th August 2013

- **KD Vaughan**, “Do we know the real cost of surgery? Determining the true Parameters. Lessons from Joint Surgery” 12th Annual Caribbean Neurosciences Symposium. Montego Bay Convention Centre. January 2014.
- **A. Mansingh**, “Management of the Diabetic Athlete” 29th International Diabetic Conference Ocho Rios, Jamaica, 2014 March 27
- **A. Mansingh**, “Patients' Compliance in Management of Arthritis” CME Meeting, Kingston, Jamaica 2014 April 24
- **A. Mansingh**, “Building a Human Machine” Business of Sport International Meeting Kingston, Jamaica, 2014 May 1
- **A. Mansingh**, “Changing Paradigms in the Management of Pain”. Meet the Experts Meeting, Kingston, Jamaica, 2014 May 1
- **KD. Vaughan**, MU. Christmas, “Hip Fractures in the Elderly: How Close are we to Standard of Care?” The Annual Conference of the Association of Surgeons in Jamaica, May 18, 2014
- **HE Harding**, “Challenges of Sharing Perioperative Data – Role of Information & Communication Technology – UPDATE 2013 IN ANAESTHESIA & INTENSIVE CARE”, – Trinidad and Tobago Association of Anaesthetist Annual Symposium/workshop in association with The World Federation of Societies of Anaesthesia (WFSA) on Information and Communication Technology in Anaesthesia and Intensive Care. Port of Spain, Trinidad, 2013.
- **CD McGaw**, “Recent advances and the changing faces of Anaesthesia for cardiac surgery. Technology – UPDATE 2013 IN ANAESTHESIA & INTENSIVE CARE”, – Trinidad and Tobago Association of Anaesthetist Annual Symposium/workshop in association with The World Federation of Societies of Anaesthesia (WFSA) on Information and Communication Technology in Anaesthesia and Intensive Care. Port of Spain, Trinidad. 2013
- **MD Scarlett**, “Challenges of communication & networking in Anaesthesia & Intensive Care – Changing faces of Data Storage & Ethical Implications – UPDATE 2013 IN ANAESTHESIA & INTENSIVE

CARE” – Trinidad and Tobago Association of Anaesthetist Annual Symposium/workshop in association with The World Federation of Societies of Anaesthesia (WFSA) on Information and Communication Technology in Anaesthesia and Intensive Care. Port of Spain, Trinidad, 2013.

- **MD. Scarlett**, “Errors in Anaesthesia”. Annual Jamaica Nurse Anaesthetist’s Conference, October 2013.
- **A Ennis, PJ Toppin, A Barnett, HE Harding**, “Intrathecal Magnesium for Postoperative Analgesia: A Randomized, Controlled Study in Patients Undergoing Elective Orthopedic Surgery at the Kingston Public Hospital”. FMS ARC Nov 2013.
- **S Curtis, K Ehikametalor, M Scarlett, H Harding-Goldson, J Sutherland**, “An Evaluation of Depressive Symptoms and Stress among doctors who work in Intensive Care Units in Jamaica”. FMS ARC November 2013.
- **DO Christmas, HE Harding, IA Tennant, DR Douglas, GM Gordon-Strachan**, “Admitting Elderly Patients to the Intensive Care Unit – Why Bother?” FMS ARC November 2013.
- **VO Okpiavbe, AT Barnett, HW Gardner, IA Tennant, K Ehikhametalor, HE Harding, GM Gordon-Strachan**. “Recall of Preoperative Anaesthesia Information given to Patients by Anaesthesia Providers in Three Tertiary Referral Centres in Kingston, Jamaica”. FMS ARC November 2013.
- **Kelly Fletcher, I Tennant**, “Indications for red cell transfusion in the Intensive Care Unit at the University Hospital of the West Indies”. Caribbean Association of Neurosciences (CANS). February 2014.
- **L. Williamson, I. Tennant, A. Crawford-Sykes and HE. Harding**, “Epidemiology and outcome of Acute Kidney Injury using the RIFLE criteria in critically ill patients in the ICUs at UHWI”. Caribbean Association of Neurosciences (CANS). February 2014.
- **Karyna Davis Irons, CD McGaw, HE Harding**, “The incidence, causes, and pattern of day of surgery cancellation at the Kingston Public Hospital: implications for patients”. Caribbean Association of

Neurosciences (CANS). February 2014

- Stacy-Ann Robinson, **A. Crawford-Sykes, HE. Harding**, “Knowledge, attitudes and practices of physicians in the southern and southeastern regions of Jamaica regarding the inter-hospital transfer of critically ill patients to the Kingston Public Hospital”. Caribbean Association of Neurosciences (CANS). February 2014.
- **P. Jason Toppin**, “Use of Ultrasound in Emergency Medicine and Intensive Care. Conference on Echocardiography and Ultrasound applications in Anaesthesia, Intensive Care and Trauma, March 2014
- **Kelvin Ehikhametalor**, “An overview of echocardiography in Emergency Medicine and Critical Care. Conference on Echocardiography and Ultrasound applications in Anaesthesia, Intensive Care and Trauma”, March 2014.
- Damion Falconer, **CD McGaw**, “Frail, Feeble or Fit? Age-related physiological changes & their clinical significance”. 24th Annual Resident’s Symposium, April 2014.
- Derwin Christmas, **HE Harding**, “The elderly in ICU. Should we admit?” 24th Annual Resident’s Symposium, April 2014.
- Carl Brown, **AM Crawford-Sykes**, “Ethical issues in end of life care”. 24th Annual Resident’s Symposium, April 2014.
- **E. Williams**, “Pneumothoraces in the ER – Case Series and Lessons Learnt”, Jamaica Emergency Medicine Association 14th Annual Conference Jamaica Pegasus, 23rd March 2014.
- **C. Maycock**, “The violent patient: Chemical vs. Physical restraints” Jamaica Emergency Medicine Association 14th Annual Conference Jamaica Pegasus, 23rd March 2014.
- **S. Dasgupta**, “Loss of Patient Privacy: Dealing with the Impact of ED Overcrowding”. Jamaica Emergency Medicine Association 13th Annual Conference Jamaica Pegasus, 23rd March 2014.
- **J. Williams-Johnson**, “Role of Tranexamic Acid in Trauma”, Jamaica Emergency Medicine Association 13th Annual Conference, Jamaica Pegasus, 23rd March 2014.

- **S. French**, “An atypical presentation of a not so uncommon cause of chest pain”. CPC Presentation, Large Lecture theatre, Faculty of Medical Sciences, UWI Mona. 30th April, 2014.
- **H. Ashman**, “Carcinoma of the thyroid-treatment guidelines”, Association of Surgeons of Jamaica Conference, Jamaica Pegasus Hotel, May 2014.
- **N. Nelson**, “Current concepts in the Surgical Management of Nodular Goitres”, Association of Surgeons of Jamaica Conference, Jamaica Pegasus Hotel, May, 2014.
- **N. Nelson**, “Endoscopic Approach to Clival Tumours: Role of the Otolaryngologist”, Caribbean Neuroscience Symposium, Montego Bay Convention Centre, Montego Bay, Jamaica. January 31, 2014.
- **Williams E, Rhudd**, “A Causes of deaths within the first 24 hours of admission in an Urban ER Department”, 25th Clinical Research Meeting & Workshop, Teaching & Research Complex Lecture Theatre, FMS, August 30, 2013.
- **Johnson P, Jaggon J, Bruce C**, “Brain Tumor Registry: radio-pathological correlation of meningiomas”, 25th Clinical Research Meeting & Workshop, Teaching & Research Complex Lecture Theatre, FMS, August 30, 2013.
- **Aiken W**, “Level of prostate cancer knowledge among Jamaican men”, 25th Clinical Research Meeting & Workshop, Teaching & Research Complex Lecture Theatre, FMS, August 30, 2013.
- **Ehikametalor K, Harding-Goldson H, Laws H**, “Criterion-based clinical audit of the prevention of central venous catheter related infection in the Intensive Care Unit at the KPH” 25th Clinical Research Meeting & Workshop, Teaching & Research Complex Lecture Theatre, FMS, August 30, 2013.
- **Morrison B**, “The relationship between enuresis and overactive bladder in Sickle Cell Disease” 25th Clinical Research Meeting & Workshop, Teaching & Research Complex Lecture Theatre, FMS, August 30, 2013.

- **Bruce C**, “Acromegaly: review of multimodality management”, 25th Clinical Research Meeting & Workshop, Teaching & Research Complex Lecture Theatre, FMS, August 30, 2013.
- **Vaughan K**, “Does private care matter? The case of fractures of the neck of the femur”, 25th Clinical Research Meeting & Workshop, Teaching & Research Complex Lecture Theatre, FMS, August 30, 2013.
- **Harding-Goldson H**, Toppin J, “Intrathecal magnesium for postoperative analgesia: a randomized, controlled study in patients undergoing elective orthopaedic surgery at the KPH”, 25th Clinical Research Meeting & Workshop, Teaching & Research Complex Lecture Theatre, FMS, August 30, 2013.
- **Bruce C**, “Initial results of nerve monitoring in neurosurgery spinal surgery”, 25th Clinical Research Meeting & Workshop, Teaching & Research Complex Lecture Theatre, FMS, August 30, 2013.
- **Calder D**, “Micropulse diode laser trabeculoplasty for open angle glaucoma in a Jamaican population”, 25th Clinical Research Meeting & Workshop, Teaching & Research Complex Lecture Theatre, FMS, August 30, 2013.
- **Venugopaul R**, “Old wives tales vs. science donor site of skin grafts: open vs closed dressing & pain control”, 25th Clinical Research Meeting & Workshop, Teaching & Research Complex Lecture Theatre, FMS, August 30, 2013.
- **Bruce C**, “Facet Fusion A More Economic Approach”, The 5th Congress of InterAmerican Society of Minimally Invasive Spine Surgery; The Present and Future of Minimally Invasive Surgery, City of Guanajuato, Mexico, December 4–7, 2013.
- **Bruce C**, “Nerve Monitoring For Spinal Surgery”, The 5th Congress of InterAmerican Society of Minimally Invasive Spine Surgery; The Present and Future of Minimally Invasive Surgery, City of Guanajuato, Mexico, December 4–7, 2013.
- **Bruce C**, “Cortical Screws For Lumbar Degenerative”, The 5th Congress of InterAmerican Society of Minimally Invasive Spine

Surgery; The Present and Future of Minimally Invasive Surgery, City of Guanajuato, Mexico, December 4–7, 2013.

POSTER PRESENTATION

- Angus C, Nicole Hart H, Walters C, Williams Johnson J. “The Factors that Affect Time to Hospital Presentation in Patients with Symptoms Suggestive of an Acute Myocardial Infarction”. The 15th International Conference on Emergency Medicine, Honk Kong, 11th June 2014.
- Palmer W, Mansingh A, Mitchell T, “Arthroscopy in Children and Adolescents”. FMS Annual Conference, Nov 2013.

REFEREED JOURNAL ARTICLES

- Vaughan KD, Gordon C, DuCasse G, Williams S. “The Economic Burden of Femoral Neck Fractures in Jamaica”. *West Indian Med J* DOI: 10.7727/wimj. 2013.017.
- Vaughan KD “Can we Afford Total Joint Replacements in Jamaica?” *West Indian Med. J* DOI: 10.7727/wimj.2014.013.
- Ian Sammy, Joanne F. Paul, Harold Watson, Jean Williams-Johnson, Colin Bullard. “Quality Assurance in Emergency Medicine – A Caribbean Perspective.” *Clinical Governance: An International Journal* 2013; 18(4):293–299.
- M. Gossell-Williams, J. Williams-Johnson, S McLeary. “Potential impairment of hypoglycemic control associated with drug interactions: a look at closer management needs for diabetes mellitus”. *J Pharmacovigilance* 1: 114. doi:10.4172/2329-6887.1000114.
- R. Edwards, P. Levy. R. Hutson, J Johnson, R. Sherwin, G. Strachan, M. Frankson. “Severe sepsis in the Emergency Department –An observational cohort study from the University Hospital of the West Indies.” *West Indian Med J.* 2013 Mar; 62(3):224–9.
- Jefferson DA, Harding HE, Cawich SO, Jackson-Gibson A, “Postoperative analgesia in the Jamaican cannabis user”. *J Psychoactive Drugs.* 2013 Jul-Aug; 45(3):227–32.

- Cawich SO, **Tennant IA**, McGaw CD, **Harding H**, Walters CA, **Crandon IW**, “Infection control practice in the operating room: staff adherence to existing policies in a developing country”. *Perm J*. 2013 Summer; 17(3):e114-8. doi: 10.7812/TPP/12-093.
- Cawich SO, **Harding HE**, **Crandon IW**, McGaw CD, **Barnett AT**, **Tennant I**, Evans NR, **Martin AC**, Simpson LK, **Johnson P**. “Leadership in surgery for public sector hospitals in Jamaica: strategies for the operating room”. *Perm J*. 2013 Summer; 17(3):e121-5. doi: 10.7812/TPP/12-117.
- R Gooden, I Tennant, B James, **R Augier**, **A Crawford-Sykes**, **K Ehikhametalor**, G Gordon-Strachan, H Harding-Goldson. “The Incidence of Emergence Delirium and Risk Factors Following Sevoflurane Use in Pediatric Patients for Day Case Surgery, Kingston, Jamaica”. *Brazilian J of Anesthesiology*, September 24, 2013. DOI: 10.1016/j.bjane.2013.09.012.
- Cawich SO, **Johnson PB**, **Shah S**, **Roberts P**, Arthurs M, Murphy TM, Bonadie KM, Crandon IW, Harding HE, Abu-Hilal M, Pearce NW. “Overcoming Obstacles to Establish a Multidisciplinary Team Approach to Hepatobiliary Diseases: A Working Model in the Caribbean Setting”. *J MultidiscipHealthc*. 2014 May 28; 7:227-30. doi: 10.2147/JMDH.S60604. eCollection 2014.
- **I Tennant**, **AT Barnett**, DS Thompson, J Kips, MS Boyne, EE Chung, AP Chung, C Osmond, MA Hanson, PD Gluckman, P Segers, JK Cruickshank, TE Forrester. “Impaired cardiovascular structure and function in adult survivors of severe acute malnutrition”. *Hypertension*. published online June 30, 2014; Print ISSN: 0194-911X. Online ISSN: 1524*4563.
- **Crawford-Sykes A**, **Ehikhametalor K**, **Scarlett M**, **Tennant I**, **Augier R**, **Williamson L**, **Wharfe G**, **Harding-Goldson H**. “Blood use in neurosurgical patients at the University Hospital of the West Indies”. *West Indian Med J* 2014. DOI: 10.7727/wimj 2013.233.
- **R Forde**, **H Ashman**, **D Shah**, **EW Williams**. “Primary Amyloidosis of the Nose Presenting with Refractory Epistaxis and Systemic

Involvement – A Rare Phenomenon”. *West Indian Medical Journal*, Vol 63, Issue 4: Aug (2014)

- M Smith, P Johnson. “Spontaneous extracranial internal carotid artery aneurysms: a case report.” *West Indian Medical Journal* ISSN: 0043-3143 (Published online ahead of print March 2014)
- P Johnson, R Melbourne-Chambers, A Saindane, N Desai, M Smith.” A case of neurosarcoidosis with Labyrinthine involvement”. *Case Reports in Radiology* Volume 2014 (2014), Article ID 530431, 5 pages <http://dx.doi.org/10.1155/2014/530431>
- L Doonquah, R Lodenquai, A Mitchell. “Surgical techniques for augmentation in the horizontally and vertically compromised alveolus”. *Dental Clinics of North America*
- Forde R, Ashman H, Williams EW, Williams-Johnson J, “Idiopathic Nasal Septal Abscess – A Case Report”. *West Indian Med J* 2012; 61(8): 832–833
- West, W, James K, Brady-West D, “Ultrasound Detected Asymptomatic Cholelithiasis: An Age-based Protocol for Management”. *West Indian Med J* 2012; 61(9): 903–906
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- McFarlane ME, Plummer JM, Leake PA, Powell L, Chand V, Chung S, Tulloch K, “Dengue fever mimicking acute appendicitis - A case report”. *Int J Surg Case Rep*. 2013; 4(11):1032–1034.
- McFarlane ME, Plummer JM, Bonadie K, “Mucinous cystadenoma of the appendix presenting with an elevated carcinoembryonic antigen (CEA) – A Report of two cases and review of the literature”. *Int J Surg Case Rep*. 2013;4(10):886-8.

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- Singh P, Mansingh A, Palmer W and Williams EW, “Injuries in Elite Jamaican Netballers”. *West Indian Med J.* 2013; 62(2): 118–121.
- Newnham MS, Coard KC, Brown BR and Martin AC, “Terminal Ileum Duplication An Unusual Case of Small Bowel Obstruction”. *West Indian Med J.* 2013; 62(2): 155–157.
- Vincent MV and Duncan ND, “Gastroesophageal Reflux and Reflux Oesophageal Strictures in Children with Cornelia de Lange Syndrome”. *West Indian Med J.* 2013; 62(2): 161–164.
- Edwards R, Hutson R, Johnson J, Sherwin R, Gordon-Strachan G, Frankson M and Levy P, “Severe Sepsis in the Emergency Department – An Observational Cohort Study from the University Hospital of the West Indies”. *West Indian Med J.* 2013; 62(3): 224–229.
- Mowatt L. “Diabetic retinopathy and its risk factors at the University Hospital in Jamaica”. *Middle East Afr J Ophthalmol.* 2013 Oct-Dec; 20(4): 321-6. Doi: 10.4103/0974-9233.120017.
- Bruce C, Chin KR, Cumming V, Crawford NR, “Stabilizing effects of a particulate demineralized bone matrix in the L4 interbody space with and without PEEK cage. A literature review and preliminary results of a cadaveric biomechanical study”. *West Indian Med J.* 2013 Nov; 62(8): 748–51. doi: 10.7727/wimj.2013.021
- PA Leake, JM Plummer, A Rhoden, FA Frankson, G Gordon-Strachan, LP Powell, PO Roberts. “Colorectal anastomotic leakage at the University Hospital of the West Indies: an analysis of risk factors”. *West Indian Med J* 2013 Nov; 62(9): 711–5
- PA Leake, P Pitzul, PO Roberts, JM Plummer, “Comparative analysis of open and laparoscopic colectomy for malignancy in a developing country”. *World J Gastrointest Surg.* 2013 Nov 27;5(11):294-9.
- PO Roberts, J Plummer, PA Leake, S Scott, TG de Souza, A Johnson, TN Gibson, B Hanchard, M Reid, “Pathologic factors affecting gastric

adenocarcinoma survival in a Caribbean population from 2000–2010”. *World J Gastrointest Surg.* 2014 Jun 27;6(6):94–100

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- Edwards R, Hutson R, Johnson J, Sherwin R, Gordon-Strachan G, Frankson M and Levy P, “Severe Sepsis in the Emergency Department – An Observational Cohort Study from the University Hospital of the West Indies”. *West Indian Med J.* 2013; 62(3): 224–229.
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- McDonald AH, “Emergency Medicine – Merging with Other Specialities: An Update”. *West Indian Med J.* Emergency Medicine 2014; 63(3).
- Watson K, Williams-Johnson J, Watson H, Walters C, Williams EW, Eldemire-Shearer D, “The Compliance of Healthcare Workers with Universal Precautions in the Emergency Room at the University Hospital of the West Indies”. *West Indian Med J.* Emergency Medicine 2014; 63(3).DOI:10.7727/wimj.2014.044.
- Dasgupta S, Williams EW, Walters C, Eldemire-Shearer D, Williams-Johnson J, “A Clinical Audit of the Management of Acute Asthmatic Attacks in Adults and Children Presenting to the Emergency Department”. *West Indian Med J.* Emergency Medicine 2014; 63(3).DOI:10.7727/wimj.2014.044.
- Purakal JD, Williams-Johnson J, Williams EW, Pemba S, Kambona J, Welch R, kFlack J, Levy P: “Differences and Similarities in

Explanatory Models of Hypertension in the United States of America, Tanzania and Jamaica”. *West Indian Med J. Emergency Medicine* 2014; 63(3).DOI:10.7727/wimj.2014.044.

- French S, Henry T and Williams EW, “Evaluation of Waiting Times and Sonographic Findings in Patients with First Trimester Vaginal Bleeding at he the University Hospital of the West Indies. Can Emergency Department Ultrasound Make a Difference?” *West Indian Med J. Emergency Medicine* 2014; 63(3).DOI:10.7727/wimj.2014.044.
- Augier R, Jenkins S, Bortolusso Ali S, Tennant I, Williams-Johnson J and Reid M, “A Survey of the Pain Management of Acute Painful Crisis among Patients with Sickle Cell Disease at Two Centres in Jamaica”. *West Indian Med J. Emergency Medicine* 2014; 63(3).DOI:10.7727/wimj.2014.044.
- Plummer JM, Condell M, Ferron-Boothe D, Johnson P, Leake PA and McDonald AH, “The Impact of Trans-thoracic Ultrasound on Cardiac Injuries”. *West Indian Med J. Emergency Medicine* 2014; 63(3).DOI:10.7727/wimj.2014.044.
- Hutchinson TA, Haase S, French S and McFarlane TA, “Stress, Burnout and Coping among Emergency Physicians at a Major Hospital in Kingston, Jamaica”. *West Indian Med J. Emergency Medicine* 2014; 63(3).DOI:10.7727/wimj.2014.044.

VIDEO PRESENTATION

- Plummer JM, Chand V, McFarlane M, Powell LP, “A case of combined laparoscopic cholecystectomy and splenectomy in Jamaica”. *West Indian Med J* 2013; 62 (Suppl 4): 40

Case Reports

- Johnson M, French S and Cornwall D, “An Unusual Case of Primary Spontaneous Tension Pneumothorax in a Jamaican Female”. *West Indian Med J. Emergency Medicine* 2014; 63(3).DOI:10.7727/wimj.2014.044.
- Walker L and French S, “Horner’s Syndrome : A Case Report and

Review of Pathophysiology and Clinical Features”. *West Indian Med J. Emergency Medicine* 2014; 63(3).DOI:10.7727/wimj.2014.044.

- Johnson PB, Melbourne-Chambers R, Saindane AM, Desai N, Smith M, “ A case of neurosarcoidosis with labyrinthine involvement”. *Case Rep Radiol.* 2014;2014:530431. Doi: 10.1155/2014/530431. Epub 2014 March 6.
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- Smith M, Johnson P, “Spontaneous extracranial internal carotid artery aneurysm: a case report”. *West Indian Med J* 2013 Sep; 62(7):667-71. Doi: 7727/wimj.2012.072
- Francis-Emmanuel PM, Thompson DS, Barnett AT, Osmond C, Byrne CD, Hanson MA, Gluckman PD, Forrester TE, Boyne MS, “Glucose metabolism in adult survivors of severe acute malnutrition”. *J ClinEndocrinolMetab.* 2014 Jun;99(6):2233-40. Doi: 10.1210/jc.2013-3511.
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INCOME GENERATION

Research and Grants

- US\$84,000 CHASE FUND: GE Vivid S6 Transoesophageal echocardiography machine.
- J\$1.492 million Dr Pierre-Anthony Leake: Grant approved – received

funding through the University of the West Indies – New Initiative Grant for research on, ‘Improving Patient Outcomes with Inguinal Hernioplasty – A Randomized Controlled Trial of Local Anaesthesia Versus Local Anaesthesia and Conscious Sedation’. The study was implemented and is expected to be completed in two years.

- J\$2.5 million Dr Patrick J Toppin: JN Foundation re Investigation cost & epidemiology Trauma in Jamaica.
- J\$150,000: Annual Conference/workshop on Echocardiography and Ultrasound applications in Anaesthesia, Intensive Care and Trauma
 - TOTAL J\$ 4,142,000
 - TOTAL US\$ 84,000

PUBLIC SERVICE

Dr. Wayne Palmer

- President Jamaican Orthopaedic Association – March 2013–present
- Manager Development Junior Cycling Team to the Easter grand prix in Trinidad

Dr. Maxim Christmas

- Secretary of the Jamaican Orthopaedic Association

Dr. Romaine Edwards

- Team Doctor, Waterhouse Football Club
- National Premier League
- Caribbean Football Union Competition (Haiti)
- CONCACAF Champions League
- Contributor *Jamaica Observer* Newspaper

Dr. Simone French

- Member executive National Resuscitation Council.

- Medical Chair Local Organizing Committee. FIH World Hockey League (Round 1).

Dr. Rhonda Hutson

- Member executive the Jamaica Association of Sports Medicine(JASM)

Dr. Praimanand Singh

- President Jamaica Association of Sports Medicine (JASM)
- Head of medical team for 2014 Commonwealth Games, Glasgow.
- Appointed by JOA to be Chef de Mission for Jamaica in the upcoming Central American and Caribbean Games in November 2014, Mexico.

Dr. Eric Williams

- Volunteer Doctor for National Children Home

Dr. Jean Williams Johnson

- Member, executive Caribbean Poison Information Centre (CARPIN)
- Member, executive Jamaica Association of Sports Medicine (JASM).

Dr. Ingrid Tennant

- Secretary, Jamaica Anaesthetist Association

Dr. Patrick J Toppin

- Member of the Jamaica Association of Sports Medicine
- Provider of medical care and education for the UWI August Town Outreach project.

Dr. Myrton Smith

- President Elect of the Medical Association of Jamaica
- Member of the Council for Professions Supplementary to Medicine
- Fellow of the American College of Surgeons – to be installed at ACS Congress 2014

- American Academy of Otolaryngologists - Head & Neck Surgeons Foundation International Visiting Scholar September 2013 with consequent Observership in Endoscopic Skull Base Surgery at Johns Hopkins Hospital in November 2013.

Dr. Carl Bruce

- Member, Spine Committee World Federation of Neurosurgeons (WFNS)
- Executive, JAAA
- Chairman, JAAA Medical and Anti-Doping Commission
- Member, Board, University Hospital of the West Indies

Professor Ivor Crandon

- Member, Disciplinary Panel, JADCO
- Member, Board, BioTec R&D
- Member, Board, JIPA

STUDENTS' AWARDS AND ACHIEVEMENTS

Undergraduate performance in the final MBBS Examinations was creditable with 186 of 196 candidates being successful.

Honours in Surgery

- Tariq Parker
 - Dr. Aubrey McFarlane Prize
 - Sir Harry Annamunthodo Prize
 - General Surgery Prize
- Gayan Smith
- Alexandra Wright

Doctor of Medicine Post Graduate Degrees were awarded:

- Neurosurgery Dr. Franz Pencle

FACULTY OF MEDICAL SCIENCES

- Otorhinolaryngology Dr. Francis Barnett
- Ophthalmology Dr. Amoy Ramsay
- Urology Dr. Reaud Gafoor
- General Surgery Dr. Varunesh Chand
- Orthopaedics Dr. Andrew Bogle
Dr. Ayana Crichlow
Dr. Maxim Christmas
Dr. Safiya Franklin
Dr. Fidel Fraser
Dr. Dean E. Wright
- Anaesthesia & Intensive Care Dr. Saran Curtis
Dr. Camille Campbell
Dr. Rosilee Crooks
Dr. Hosea Richard Cumberbatch
Dr. Karyna Davis-Irons
Dr. Ayanna Ennis
Dr. Kelly Fletcher
Dr. Roxanne Johnson
Dr. Stacey-Ann Robinson
Dr. Noreene Stephens
Dr. Loris Williamson