

## DEPARTMENT OF MEDICINE



**Professor Rosemarie Wright-Pascoe** DM, FACP, FACE, FRCP (*UK*)

Professor of Medicine and Endocrinology

Head of Department

### PROFESSORS IN THE DEPARTMENT OF MEDICINE

- Professor Michael Lee
- Professor Everard Barton on contract with the University Hospital of the West Indies (UHWI)

### DIVISIONS IN THE DEPARTMENT OF MEDICINE IN ASSOCIATION WITH THE UNIVERSITY HOSPITAL OF THE WEST INDIES (UHWI) MONA

Cardiology	– Cardiac Unit and Cardiac Catheterization Suite
Gastroenterology	– Minor Operations – Endoscopy Suite
Nephrology	– Dialysis Unit

## Department of Medicine

CHARES	– Centre for HIV/AIDS Research, Educationa and Service
The Tony Thwaites Wing	– Private in-hospital consultations
The Mona Institute of Medical Sciences	– Private Out-patient Consultations
Dermatology Unit	– Dermatology Ward and Dermatology Clinics
Critical Care Unit	– Medical Intensive Care Unit on Ward 3

### **OTHER SUB-SPECIALTY SERVICES OFFERED TO INPATIENTS AT THE HOSPITAL**

- Pulmonology
- Neurology
- Endocrinology
- Rheumatology
- Infectious Diseases

### **IN-HOSPITAL BEDS**

These are located on Wards 3, 4, 7, 8, 20 Annex and on other wards as the need arises such as Ward 18 of the University Hospital of the West Indies and number approximately one hundred and twelve beds (n = 112)

### **FACULTY**

University tenured and non-tenured	n = 13
University Hospital of the West Indies	n = 23

Associate Lecturers at the Kingston Public Hospital, the Spanish Town Hospital, the May Pen Hospital, the Mandeville Regional Hospital,

the St. Ann's Bay Hospital and the  
Cornwall Regional Hospitaln = 38

### **STAFF AND RESEARCH NURSES AND ASSOCIATES**

Staff n = 5, research nurses and associates n = 3, office helpers and others  
n = 3

### **POSTGRADUATE STUDENTS AND TRAINEES**

Residents in Internal Medicine programme	(n = 36)
Postgraduate students in MPhil and PhD programme	(n = 2)
Interns	(n = 10)
	every 3 months

### **UNDERGRADUATE STUDENTS TAUGHT IN THE BACHELOR OF MEDICINE AND BACHELOR OF SURGERY PROGRAMME (ALL APPROXIMATE NUMBERS)**

- Year 1n = 250 (Lecture delivered)
- Year 2n = 250 (Didactic lectures and IMP Lectures and clinical experience)
- Year 3n = 250 (Junior Clerkship) (didactic lectures, tutorials, bedside teachings in hospital and outpatient department)
- Year 4n = 150 Electives supervised (tutorials, bedside teachings in hospital and outpatient department)
- Year 5n = 150 (Senior Clerkship) (didactic lectures, tutorials, bedside teachings in hospital and outpatient departments)

### **MEDICAL CLINICS PER WEEK (n = 1 for all others)**

- General Medical Clinics n = 4
- Diabetes Clinic
- Endocrine Clinic
- Pulmonary Clinic

## Department of Medicine

- Cardiology Clinic
- Renal Clinic
- Gastroenterology Clinic
- Hypertension Clinic
- CHARES Clinic
- Rheumatology Clinic
- Neurology Clinic
- Dementia Clinic
- TSP Clinic

n = 5

### **SPONSORED RESEARCH (GRANTS)**

US\$52,446

### **TOPICS**

#### **Infectious Disease**

1. Adherence to Highly Active Antiretroviral Therapy
2. Antibiotic Resistance
3. HIV Care in the Bahamas

#### **Rheumatology**

The immunological characteristic of Systemic Lupus patients in Jamaica

#### **Gastroenterology**

1. H-pylori eradication therapy in Peptic Ulcer Disease
2. Colonoscopy – the Jamaican experience
3. Lower Gastrointestinal Bleed
4. Non-alcoholic Fatty Liver Disease in Jamaica
5. Acute Pancreatitis
6. Gastric Biopsies

7. Colonoscopy and Screening for Cancer
8. Inflammatory Bowel Disease

### **Endocrinology**

1. Insulin Sensitivity and Insulin clearance in Malnutrition Survivors
2. Cardiometabolic risk in Malnutrition Survivors
3. Biochemical markers in Diabetes Mellitus
4. Biomedical Markers in Athletes vs. Non-Athletes

### **Dermatology**

Acne keloidalis nuchae

### **OTHER RESEARCH TAKING PLACE IN THE DEPARTMENT**

1. Chikungunya Virus Infection in Jamaica
2. Pathogenic Factors in Type 1 Diabetes Mellitus
3. n-patient Mortality in Non-ICU In-patients with infections
4. Recurrent Optic Neuritis and Transverse Myelitis

### **REGISTRIES FOR RESEARCH PRESENTLY IN THE DEPARTMENT**

1. Renal Registry
2. Gastroenterology Registry
3. Parkinson's Registry
4. Type 1 diabetes registry

### **ACADEMIC ACTIVITIES AND DISTINGUISHED VISITORS TO THE DEPARTMENT**

- Professor Eric Cruickshank Distinguished Lecture, held on Friday, June 23, 2017 on “Brain: Connections and Dis Connections” presented by Professor Y. Swamy Venkatesh from the University of South Carolina, School of Medicine.

- The Rolf Richards Distinguished Lecture held on Friday, September 9, 2016. This lecture was presented by Sir George Alleyne, Chancellor – the University of the West Indies and Director Emeritus – PAHO. The topic of the lecture was entitled: “*The Compleat Physician*”.

#### **For Renal And Hypertension Week**

- Professor Garcia, Director of ISN for Under Privileged Countries
- Professor Seraj, Director of the USRDS (United States Renal Data System) from the University of Michigan
- Dr. Tedla from Downstate University (ISN sister programme)

#### **For Cardiovascular Week**

- Dr. Carpen from the University of Guyana

### **PUBLICATIONS**

#### **Book Chapter**

- Boyne Michael S, **Francis-Emmanuel Patrice**, Tennant Ingrid A, Thompson Debbie S and Forrester, Terrence. Cardiometabolic Risk in Marasmus and Kwashiorkor Survivors; *Springer International Publishing AG 2017*, Victor Preedy and Vinood B. Patel *Handbook of Famine, Starvation, and Nutrient Deprivation*; 1007/978-3-319-40007-5\_58-1

#### **Refereed Journal Articles**

- Facey A; Dilworth L; **Wright-Pascoe R**; and Irving, R. Associate of Serum Lactate Dehydrogenase, Creatinine Kinase and Adiposity with Basal Lactate Concentration in Male and Female Jamaican Athletes. *The International Journal of sports Science*, Vol. 7, No. 2, 2017, pp. 94-98. doi: 10.5923/j.sports.20170702.11.
- Facey, A; Dilworth L; **Wright-Pascoe R**; Walker M; and Irving R. The Metabolic Hormones Leptin, Adiponectin and Troponin T in

Type 2 Diabetes Patients and Athletes in Jamaica. *International Journal of Diabetes Research*. doi: 10.5923/j.diabetes.20170602.01.

- **East-Innis ADC**, Stylianou K, Paolino A, **Ho J**. Acne keloidalis nuchae: risk factors and associated disorders – a retrospective study. *International Journal of Dermatology*. June 2017. Publisher: Wiley. DOI: <http://dx.doi.org/10.1111/ijd.13678>.
- **Maloney KC**, Ferguson TS, **Stewart HD**, **Myers A**, **DeCeulaer K**. Clinical and immunological characteristics of 150 systemic lupus erythematosus patients in Jamaica: a comparative analysis. *Lupus* 2017 Jan 1. doi: 10.1177/0961203317707828.[Epub ahead of print] (Lupus Journal Impact Factor=2.118. No citations)
- Forbes N, Johnson G, Mortimer A, Martin I, Frankson MA, Johnston K, **Thompson T**, Weissman S. The HIV continuum of care in the Bahamas in 2014. *Revista Panamericana de Salud Pública* (2016), 40(6), 443-447.
- **Dawkins YM**, Hanchard B, **Lee MG**. Amyloidosis of the colon. *International Journal of Case Reports and Images* Vol. 8 No. 9, September 2017. ISSN 0976-3198.
- **Lee MG** and **Dawkins Y**. Recent guidelines for H. pylori eradication therapy. *World Journal of Pharmacy and Pharmaceutical Sciences* 2017; (8):195–202.
- Macko Richard F, Forrester T, **Francis P**, Nelson G, Hafer-Macko C, Roy A. Interactive video exercise tele-rehabilitation (IVET) for stroke care in Jamaica: IEEE – NIH Healthcare Innovations and Point of Care Technology (HI-POCT). Conference Paper: November 2016. DOI:10.1109/HC.2016.7797719. Conference: 2016 IEEE Healthcare Innovation Point-of-Care Technologies Conference (HI-POCT)
- Thompson D, **Francis-Emmanuel P**, Barnett A, Royal-Thomas T, Osmond C, Hanson M, Byrne C, Gluckman P, Forrester T and Boyne M. Insulin sensitivity and insulin clearance in adult supervisors of malnutrition. *Journal of Clinical Endocrinology and Metabolism*, (2016) pp. 1–14.
- **Hoe KK**, Smith N, **Barton EN**, **Soyibo AK**. A “Full House”

Glomerulopathy in a Patient with multiple Lentigenes Syndrome: A Case Report. *Doi:10.7727/wimj.2016.001*.

- **Hoe KK, Barton EN, Soyibo AK**, Garcia G, Chavez-Iniguez J. Severity and Outcomes of Afro-Caribbean patients diagnosed with Community Acquired Acute Kidney Injury at an institution in Jamaica. *WIMJ 2017 Jan. Wimjiss: 1207: 141–149*.
- **Ali A**, Williams, M. Zika-V outbreak and Guillain-Barré syndrome in Jamaica. *Neurological Complications of Zika-virus infection in Jamaica. (Boston, MA, April 2017)*.
- Williams M, **Ali A**. Zika outbreak associated neurological syndromes in Jamaica. *West Indian Med J. 2016 October 25.doi 10.7727/wimj.2016.511 [Epub ahead of print]*
- Reid GP, Williams EW, Francis DK, **Lee MG**. Acute pancreatitis: A 7 year retrospective cohort study of the epidemiology, aetiology and outcome from a tertiary hospital in Jamaica. *Ann Med Surg (Lond)*. 2017 Jul 4;20:103-108. doi: 10.1016/j.amsu.2017.07.014. eCollection 2017 Aug

#### Abstracts in Peer Reviewed Journals

- Taylor J, **Chin S**, Wharfe G. The clinical profile of triple negative breast cancer patients at the University Hospital of the West Indies, Jamaica. *West Indian Med J 2016; 65 (Suppl. 6): 24*
- Olugbuyi AO, Ferguson TS, Younger-Coleman NO, **Tulloch-Reid MK**, Knight-Madden JM, Samms-Vaughan ME, Ashley DE, McCaw-Binns AM, Wilks RJ. Intra-uterine growth, early life socio-economic status and bronchial asthma among young adults in Jamaica: the Jamaica 1986 Birth Cohort Study. *West Indian Med J 2016; 65 (Suppl. 6): 25*.
- **Maloney K**, Ferguson TS, **Stewart H**, **Myers A**, **DeCeulaer K**. Metabolic Syndrome in patients with systemic lupus erythematosus in urban Jamaica. *West Indian Med J 2016; 65 (Suppl. 6): 26*.
- **Hoe KK, Soyibo AK**, Chávez-Iníguez J, Garcia-Garcia G, **Barton**



- EN.** Severity and outcomes of community acquired kidney injury: a single-centre study. *West Indian Med J* 2016; 65 (Suppl. 6): 37.
- McKenzie K, Langott E, Campbell J, **Elliott V**, Gossell-Williams M. Prevalence of potential drug-drug interactions with warfarin use at University Hospital of the West Indies Cardiology Clinic. *West Indian Med J* 2016; 65 (Suppl. 6): 37.
  - **Clarke N, Lawrence-Wright MB**, Christian C, Ferguson TS, **Thompson-Girish N**, Chung R, Best C, **Lee MG**. Valvular heart disease at Kingston Public Hospital in Jamaica, West Indies. *West Indian Med J* 2016; 65 (Suppl. 6): 42.
  - Bryson RJ, Ferguson TS, Younger-Coleman NO, Smith JA, Francis DK, McFarlane SR, **Tulloch-Reid MK**, Wilks RJ. Dietary practices and blood pressure control among hypertensive Jamaicans: the Jamaica health and lifestyle survey 2007–2008. *West Indian Med J* 2016; 65 (Suppl. 6): 43.
  - **McKenzie A**, Mullings JA, Boyne MS. The effect of using a standardized protocol to treat hyperglycaemic crises at the University Hospital of the West Indies. *West Indian Med J* 2016; 65 (Suppl. 6): 40.
  - **Lawrence D, Maloney K**, Ferguson TS, **Soyibo A, Thompson-Girish N, Lee M**. Prevalence of cardiovascular disease and risk factors in patients with systemic lupus erythematosus at the University Hospital of the West Indies – an Afro-Caribbean cohort. *West Indian Med J* 2016; 65 (Suppl. 6): 49.
  - **Thompson-Girish N, Clarke N, Lawrence-Wright M**, Christian C, Ferguson TS, **Lawrence D, Lee M**. Prevalence of atrial fibrillation and associated risk factors, among patients attending the Cardiology Clinic at the Kingston Public Hospital, Jamaica. *West Indian Med J* 2016; 65 (Suppl. 6): 51.
  - Menon U, Williams M, Grindley T, Morgan O, **Ali A**. Women and Epilepsy: A review of Practices in the Public and Private Setting 2012–2015. Poster presentation, *International Epilepsy Congress (IEC)*, Prague, Czech Republic, September 2016.

## PRESENTATIONS

### Professor R Wright-Pascoe

#### International

- International Guest Speaker the 10th Anniversary Caribbean Endocrine Society Symposium “Choosing Therapeutic Agents for Glycaemic Control in Diabetes Mellitus”, Sunday 7th May 2017, Trinidad, Hilton, Port of Spain, Trinidad
- Endocrine Aspects of Obesity Management, 5th Annual Conference Obesity Forum. Sunday, November 19, 2016, Jamaica Pegasus, Kingston, Jamaica
- University Diabetes Outreach Project 23rd Annual International Diabetes Conference on Diabetes and the Skin: Be Aware. “Managing Obesity”, April 20–22, 2017, the Jewel Runaway Bay, Jamaica

#### Local

- Novartis Continuing Medical Education: *The Art of Hypertension. The Endocrinologist Perspective*, Sunday June 4, 2017, the Knutsford Court Hotel, Kingston Jamaica.
- The Advancements in Medicine and Healthcare Forum 2016 – November 14–18, 2016. Public Health and Academic Health Institution.” Chester Villa Hotel, Kingston, Jamaica.
- The Association of Consultant Physicians of Jamaica 2016 Annual Symposium “After Metformin, what’s next?”, Sunday September 11, 2016 at the Jamaica Pegasus Hotel.
- Invited Guest Speaker at the 16th Annual Perinatal Conference “Medical Disorders in Pregnancy”, February 25-26, 2017, the Main Medical Lecture Theatre, UWI Mona, Kingston, Jamaica.
- Scientific Symposium of the 7th Annual Scientific Symposium of the Ophthalmological Society of Jamaica Conference. Update in the Management of Diabetes, Sunday March 19, 2017, Jamaica Pegasus Hotel, Kingston, Jamaica.
- Cardio – Diabetes Symposium – “Evaluation of hypertension control defining the applicability of fixed-dose combination therapy” “Type

2 Diabetes Management – Glimepiride and Insulin Glargine”, Sunday, April 2, 2017, Pegasus Hotel, Kingston, Jamaica.

- Renal Function and Cardiovascular Event in Type 2 Diabetes Mellitus. Results from the TECOS Study. Cardiometabolic Symposium. Upstate on the Treatment of Diabetic Patients and Dyslipidemia, Sunday, June 25, 2017 – Spanish Court Hotel, Kingston, Jamaica.

**Dr K Maloney**

- Metabolic syndrome in urban Jamaican patients with Systemic Lupus Erythematosus: the preliminary analysis. Caribbean Association of Rheumatology Annual Conference. Curacao 2017
- Systemic Lupus Erythematosus in Pregnancy. 16th Annual Perinatal Conference. Department of Obstetrics and Gynaecology and Child and Adolescent Health 2017

**Dr M Arthurs**

- Irritable Bowel Syndrome. Department of Medicine Annual Summer Review Course. July 2017

**Dr Y Dawkins**

- A Case for Discussion – Clinicopathological Conference, University Hospital of the West Indies. November 2, 2016
- Recent Updates in the Management of Inflammatory Bowel Disease – Special Joint Medicine/Surgery Clinicopathological Conference, University Hospital of the West Indies, December 7, 2016
- Ulcerative colitis and Colon Cancer Risk Management – Jamaica Cancer Society Colon Cancer Medical Symposium. The Jamaica Pegasus Hotel, March 12, 2017
- Inflammatory Bowel Disease: An Overview and Update. KPH Second Annual Colorectal Cancer Awareness Day. Theme: Living with Inflammatory Bowel Disease, Kingston Public Hospital, March 17, 2017
- Optimizing Therapy in Inflammatory Bowel Disease – Department of Medicine Annual Summer Review Course, University Hospital of the West Indies

**Dr C Collie**

- JIS TV presentation on “Inhaled Substance Abuse and Lung Disease” for Jamaica Cancer Society, December 2016.

**Dr A Ali**

- Diabetes and Dementia: a review. Association of Consultant Physicians of Jamaica Annual Symposium, Kingston, Jamaica, September 2016.
- Zika virus, Guillain-Barré and the Jamaican epidemic – Jamaican Anaesthetic Association, Knutsford Court Hotel, Kingston, Jamaica, November 2016.
- Zika-virus and GBS: the Jamaican experience. 1st Neurology Conference, Hilton, Port-of-Spain, Trinidad, April 2, 2017.
- Approach to choosing the right anti-epileptic drug. 1st Neurology Conference, Hilton, Port-of-Spain, Trinidad, April 2, 2017.
- Adult neurological complications of Zika-Virus: the Jamaican experience. Platform presentation, American Academy of Neurology Annual Meeting, Boston, MA. April 27, 2017.
- Adult neurological complications of Zika-Virus: the Jamaican experience. Medicine Grand Rounds, Lahey Hospital, Tufts University, Boston, MA. April 28, 2017.

**INCOME GENERATION**

**Grants**

**Dr T Thompson**

- Grant title – Adherence to Highly Active Anti-Retroviral Therapy (HAART): A Trans-Caribbean Study

Project period – 12-01-2015 to 11-30-2016

Funding source – NIAID

Prime Award # - 5UMIA1AI0694-10

Grant support - \$52,446.00 USD

## **DONATIONS, FUNDS RAISED AND OTHERS**

### **Professor R Wright-Pascoe**

- 2017 Over 1.6 Million dollars earned from the Department of Medicine Annual Summer Review.
- 2016 Over \$500,000.00 earned from Sponsorship and from subscriptions from the Rolf Richards Distinguished Lecture

### **Professor E Barton**

- Raised donations through the Jamaica Medical Foundation in support of the UHWI Renal Foundation. J\$1M.
- Received donations of approximately J\$1.2M from CHASE to host the annual Nephrology and Hypertension Conference in January 2017
- Grant to CHARES J\$10M
- Obtained J\$3M worth of drugs including Dialysis fluid and erythropoietin which was donated to the UHWI, NFH, St. Ann's Bay Hospital, Nuttall Hospital and St. Joseph Hospital

## **PUBLIC SERVICE & OUTREACH**

### **Professor R Wright-Pascoe**

- Certificate of appreciation by the Ministry of Health for outstanding service and contribution to the National Non-communicable Disease Prevention and Control Programme, 4th National NCD Annual Review, September 8–9, 2016
- Awarded the Association of Consultant Physicians of Jamaica award for accomplishment and tremendous contribution to Internal Medicine, particularly in the field of Endocrinology on September 10, 2016 at the Jamaica Pegasus Hotel
- Opening Remarks of the Department of Medicine/Cardiology Unit
  - UHWI/UWI “Cardiomyopathies & Sudden Death”, Friday, February 17, 2017, Main Medical Lecture Theatre UHWI. Kingston, Jamaica

## Department of Medicine

- Chaired and Hosted “The Professor Eric K. Cruickshank Distinguished Lecturer by Professor Swamy Venkatesh on *Brain: Connections and Disconnections*, Friday June 23, 2017, Main Medical lecture Theatre, UWI Mona, Kingston, Jamaica
- Chaired and Hosted “The Rolf Richards Distinguished Lecturer by Professor Sir George Alleyne, University Chancellor of the University of the West Indies and Director Emeritus of PAHO. Friday, September 9, 2016. The topic of the lecture was entitled: “*The Compleat Physician*”.

### **Dr K Maloney**

- Continued public health campaign to increase awareness for SLE with appearances in the media both radio and television
- RJR “Health Line” radio show – Lupus Education – aired March 2017
- CVM TV “Health Watch” – Rheumatic Disease Awareness Month – September 2016
- Initiated, hosted and was the primary speaker at the first Rheumatic Disease Awareness Month local conference – September 2016.
- Member, Lupus Foundation

### **Dr T Thompson**

- Women’s Health Network of Jamaica (WHN) – member, annual volunteer 2015–present
- Rotary Club of Kingston East and Port Royal – annual Health Fair, Annual volunteer 2015–present

### **Dr C Collie**

- JLP Constituency Chairman and candidate for South East St. Andrew
- Chairman, Board of Directors, Pre-University School, Taylor Hall, UWI, Mona
- Chairman, Board of Directors, Ayrton Distributors Limited, Beechwood Avenue, Kingston 5

- Department Representative to UHWI Drug and Therapeutics Committee
- Department Representative to UHWI Accident & Emergency Advisory Committee
- Examiner for the MBBS Exams for the School of Clinic Medicine and Research in Nassau, Bahamas, May–June 2017

### **Professor E Barton**

- Screening for diabetes, hypertension, HIV and public health education in St. Ann, June 2017
- Outreach to the community of Meadowbrook regarding sexual disease education and screening for HIV
- Outreach to Manchester and surrounding areas; St. Ann and surrounding areas and Kingston and surrounding areas re charitable AV Fistula Mission  
August 3, 2016 – BCG Walk (JLP Young Jamaica Outreach)  
November 12, 2016 – Jamaica Theological Centre  
November 21, 2016 – UHWI Pharmacy Week  
November 26, 2016 – Triphina's Pharmacy  
December 1, 2016 – World AIDS Day  
December 3, 2017 – Outreach at Nannyville Health Centre

## **AWARDS**

### **Students: MBBS June 2017**

- The highest number of honours in the MBBS Medicine and Therapeutics Final Examination across all the campuses was received by Mona
- Best total written paper scores in the MBBS Medicine and Therapeutics Final Examination across all the campuses was awarded to a Mona Student

### **Academic Staff**

The Principal's award for the most research funds received from the Faculty of Medical Sciences was awarded to Dr. Tamara Thompson