

23rd Annual Research Conference and Workshop on Evidence-based Practice – Bridging the Gap between the Bench, Bed and Beyond

Programme

November 5, 2014

Faculty of Medical Sciences Teaching and Research Complex

Opening Ceremony

5:30 pm *National Anthem*

Opening Remarks

Professor Horace Fletcher

Dean, Faculty of Medical Sciences, The University of the West Indies, Mona

Welcome

Professor Archibald McDonald

Principal, The University of the West Indies, Mona

Remarks

Hon Dr Fenton Ferguson

Minister of Health, Jamaica

Professor E Nigel Harris

Vice-Chancellor, The University of the West Indies, Mona

Dr Noreen Jack

PAHO/WHO Representative, Jamaica

Special Item

Dr Raymonde Ramon Moving

Student in the Doctor of Medicine (Internal Medicine) programme

Vernon/El Halawani Scholarship Trust Presentation

Professor Affette McCaw-Binns

Head, Department of Community Health and Psychiatry

The University of the West Indies, Mona

Introduction of the Sir Kenneth Standard Distinguished Lecturer

Dr Nadia Bennett

Chair, Workshop Subcommittee, Organizing Committee

Faculty of Medical Sciences Annual Research Conference

The Sir Kenneth Standard Distinguished Lecture

Professor Kwame Osei

*Professor Emeritus of Medicine and Exercise Physiology and Diabetes
Research Center, Division of Endocrinology, Diabetes and Metabolism
The Ohio State University Wexner/Medical Centre*

Presentation

Dr Romayne Edwards

*Chair, Opening Ceremony Subcommittee, Organizing Committee
Faculty of Medical Sciences Annual Research Conference*

Vote of Thanks

Professor Rosemarie Wright-Pascoe

*Chair, Organizing Committee
Faculty of Medical Sciences Annual Research Conference*

Accompanying Musician

Dr Kathy Brown

RECEPTION

November 6, 2014

Research Conference

Faculty of Medical Sciences Teaching and Research Complex

8:00 am *Registration*

8:25 am *Welcome*
Professor Horace Fletcher, Dean, Faculty of Medical Sciences

Session 1

Internal Medicine, Sickle Cell Disease and HIV

Chair: T Thompson and T Clarke

(O – 01) 8:30 am *A review of autoimmune hepatitis at the University Hospital of the West Indies over a ten-year period*
D Reid, MG Lee, M Mills, B Hanchard, M Smikle

(O – 02) 8:45 am *Assessing baseline disease knowledge among Jamaican adolescents with sickle cell disease*
M Grindley, A Barton-Gooden, M Asnani, JM Knight-Madden

(O – 03) 9:00 am *Transcranial Doppler ultrasonography in children with sickle cell disease: the Jamaican experience*
*N Morrison-Levy, A Rankine-Mullings, M Reid, D Soares, L King, K Aldred,
M Wisdom-Phipps, T Baker, JM Knight-Madden*

(O – 04) 9:15 am *HIV-1 resistance in antiretroviral experienced patients in the largest outpatient treatment facility in Jamaica*
G Barrow, T Hylton-Kong, N Rodrigues, Y Yamamura, JP Figueroa

(O – 05) 9:30 am *“A secret is not a secret if you tell somebody else”: exploration of factors affecting HIV disclosure in intimate relationships*
S Matthews, S Jarrett, G Barrow

- (O – 06) 9:45 am *A short-term project of routine, provider-initiated HIV testing and counselling in the Department of Medicine, University Hospital of the West Indies: success and challenges*
G Barrow, N Palmer-Mitchell, EN Barton, MG Lee
- (O – 07) 10:00 am *Maternal determinants of infant feeding styles in Caribbean women*
AS Wright, MK Tulloch-Reid, SM Chang, SP Walker
- 10:15 – 10:45 am **Poster Viewing Period**
Chair: MF Smikle and S Jackson
- (PO – 01) 10:30 am *Rapid diagnosis of enteric adenovirus using a commercial enzyme immunoassay at The University of the West Indies*
B Josephs, D Taylor, J Carr, W Waugh, V Morris, G Mignott, IE Vickers
- Session 2** **Anaesthesia and Patient Care**
Chair: M Scarlett and A Soyibo
- (O – 08) 10:45 am *The association between personality types and medication adherence among adult hypertensive patients*
P Brown, K James, A McCaw-Binns, A Standard-Goldson
- (O – 09) 11:00 am *Burden of caregivers of adult patients with schizophrenia*
G Alexander, C-M Bebee, K-M Chen, R-M Des Vignes, B Dixon, R Escoffery, C Francis, D Francis, Z Mendoza, S Montano, M Nelson, S Ramcharan, S Richards, MD Jackson
- (O – 10) 11:15 am *Epidemiology and outcome of acute kidney injury using the RIFLE criteria in critically ill patients in the intensive care units at the University Hospital of the West Indies*
L Williamson, I Tennant, A Crawford-Sykes, H Harding-Goldson
- (O – 11) 11:30 am *Indications for red cell transfusion in the Intensive Care Unit at the University Hospital of the West Indies*
K Fletcher, I Tennant, CA Walters, H Harding-Goldson, W Jackson
- (O – 12) 11:45 am *Attitudes, knowledge and practices of healthcare workers toward acute pain management at the University Hospital of the West Indies*
R Crooks, A Crawford-Sykes, K Ehikhametalor, I Tennant, H Harding-Goldson
- (O – 13) 12:00 am *Training doctors and nurses for the Programme for the Reduction of Maternal and Child Mortality (PROMAC)*
H Fletcher, M Thame, H Harding-Goldson, C Rattray, T Hunter, T Titus, S Weaver, J Mullings
- 12:15 – 1:00 pm **LUNCH AND VIEWING OF EXHIBITS**
- Session 3** **Laboratory Studies**
Chair: W McLaughlin and L Young-Martin
- (O – 14) 1:15 pm *Assessing potential for drug-herb interactions: evaluation of the impact of a Guazuma ulmifolia extract on the activities of cytochrome P450 enzymes*
J Murray, R Delgoda
- (O – 15) 1:30 pm *Distribution of uropathogenic virulence factors among antimicrobial-resistant and -susceptible Escherichia coli implicated in urinary tract infections*
S Stephenson, PD Brown

- (O – 16) 1:45 pm *Lack of association of quorum sensing genes with pathogenicity in Staphylococcus aureus using a Caenorhabditis elegans mode*
T Thompson, P Brown
- (O – 17) 2:00 pm *Migration of bone marrow-derived cells to the vasculature of organs is enhanced by moderate intake of alcohol*
K Shetty, DS Strayer, JP Louboutin
- (O – 18) 2:15 pm *Evaluation of the Dengue Duo® rapid diagnostic kit in Jamaica*
IE Vickers, K Harvey, M Brown, K Nelson, M Bullock-DuCasse, JF Lindo
- (O – 19) 2:30 pm *The induction of pro-inflammatory cytokine by Stenotrophomonas maltophilia*
IE Vickers, A Robins, K Robinson, M Smikle, DAA Al'deen
- 2:45 – 3:15 pm **Poster Viewing Period**
Chair: R Melbourne-Chambers and R Pierre
- (PO – 02) 2:45 pm *A five-year review of acute accidental poisoning in children at the Bustamante Hospital for Children: 2007–2011*
TT Thomas, K Bailey, M Antoine
- Session 4** **Surgical Studies**
Chair: N Duncan and I Crandon
- (O – 20) 3:15 pm *Long-term survival from colorectal cancer in Jamaica*
JM Plummer, PA Leake, D Ferron-Boothe, PO Roberts, DI Mitchell ME McFarlane
- (O – 21) 3:30 pm *Clinicopathologic characteristics of rectal cancer in Jamaica*
PA Leake, N Williams, D Ferron-Boothe, N Meeks-Aitken, ME McFarlane, JM Plummer
- (O – 22) 3:45 pm *The incidence, causes, and pattern of day of surgery cancellation at the Kingston Public Hospital and the implications for patients*
K Davis-Irons, CD McGaw, HE Harding, I Tennant, N Ballin, B James
- (O – 23) 4:00 pm *Destroying the myth: contraindication of lidocaine with adrenaline in the ear*
R Venugopal, A Figari, M Garwood, G Arscott
- (O – 24) 4:15 pm *Surgical quality in colorectal cancer*
JM Plummer, NP Williams, D Ferron-Boothe, PA Leake, N Meeks-Aitken, ME McFarlane, J East
- (O – 25) 4:30 pm *Red blood cell deformability is reduced in homozygous sickle cell disease patients with chronic leg ulcers*
A Bowers, W Duncan, D Pepple, JM Knight-Madden
- 4:45 pm **Closing Remarks**
Chair: R Wright-Pascoe

Researchers will be available for dialogue during poster viewing sessions. Refreshments will also be available during these periods.