

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

**26<sup>th</sup> Annual Research Conference and Workshop  
Cannabis and Cannabinoids: Research, Opportunities and Challenges**

**Programme**

*November 8, 2017*

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*Faculty of Medical Sciences Teaching and Research Complex*

***Opening Ceremony***

**5:30 pm**      ***National Anthem***  
*Dr C Walters*  
*Chair, PR and Logistics*

***Opening Remarks***  
*Dr Tomlin Paul*  
*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***  
*Dr Winston De La Haye*  
*Chief Medical Officer, Ministry of Health*

***Special Item***  
*Dr Joel Wright*

***Citation on Sir Kenneth Standard's Awardee***  
***Acknowledgement of Sir Kenneth Standard's Family***  
*Dr Tomlin Paul*

***Introduction of the Sir Kenneth Standard Distinguished Lecturer***  
*Dr Sophie Turfus*  
*Department of Basic Medical Sciences, The University of the West Indies, Mona*

***The Sir Kenneth Standard Distinguished Lecture***  
*Professor Marilyn Huestis*  
*University of Maryland School of Medicine*  
*Special Volunteer, National Institute on Drug Abuse*  
*President, Huestis & Smith Toxicology, LLC*

***Presentation***  
*Dr Romayne Edwards*  
*Chair, Opening Ceremony Subcommittee, Organizing Committee*  
*Faculty of Medical Sciences Annual Research Conference and Workshop*

**Vote of Thanks**  
Professor Paul Brown  
Chair, Organizing Committee  
Faculty of Medical Sciences Annual Research Conference and Workshop

**RECEPTION**

**November 9, 2017**  
**Research Conference**  
**Faculty of Medical Sciences Teaching and Research Complex**

8:00 am      **Registration**

8:25 am      **Welcome**  
*Dr Tomlin Paul, Dean, Faculty of Medical Sciences*

**Session 1**                      **Clinical Studies**  
**Chair: Professor Michael Boyne and Dr Jean Jackson**

(O – 01)              8:30 am      *Evaluation of radiopharmaceutical adverse reaction reports to the British Nuclear Medicine Society for the period 2007–2016*  
*T Kennedy-Dixon, M Gossell-Williams, M Cooper, M Trabels, S Vinjamuri*

(O – 02)              8:45 am      *Effect of lower limb injuries on in-patient outcomes of road traffic accidents*  
*W Palmer*

(O – 03)              9:00 am      *CT evaluation of congenital anomalies of the inferior vena cava and the left renal vein in a Caribbean population*  
*K Gabriel, B Ying, D Soares*

(O – 04)              9:15 am      *Translaminar screw for stabilization of the axis (C2) vertebrae from a posterior cervical approach*  
*C Bruce, M Morgan, D Rowe, H Harding*

(O – 05)              9:30 am      *Computer Vision Syndrome and its associated ergonomic (postural) practices among UWI undergraduate university students*  
*L Mowatt, C Gordon, B Santosh*

9:45 – 10:30 am      **Coffee Break**  
**Poster Viewing**

**Session 2**                      **Laboratory Studies**  
**Chair: Dr Ruby Lindo and Dr Rachael Irving**

(O – 06)              10:30 am      *Evaluation of nicotine-alcohol crosstalk through novel tank zebrafish swimming analysis*  
*D Salmon, MK Ali*

(O – 07)              10:45 am      *Divergent effects of low dose delta-9-tetrahydrocannabinol on the compound action potential of the sciatic nerve of the toad (Bufo marinus)*  
*J Bashford, K Thaxter-Nesbeth, A Bowers, D Shand, L Young*

(O – 08)              11:00 am      *A comparison of the low dose effects of delta-9-tetrahydrocannabinol and amphetamine on conditioned place preference drug-seeking behaviour in mice*  
*D Campbell, J Reid, D Hartley, L Young*

- (O – 09) 11:15 am *The in vitro effect of delta-9-tetrahydrocannabinol and cannabidiol on blood viscoelasticity and P50 of the oxygen haemoglobin dissociation curve*  
T James, C Watson, D Pepple
- (O – 10) 11:30 am *Microbiological profile of isolates from high vaginal swabs collected, over two years, at the Microbiology Lab, University Hospital of the West Indies*  
G Reynolds, L Campbell, O Heslop
- (O – 11) 11:45 am *E-liquid induces zebrafish embryo toxicity*  
DR Taite, MK Ali
- 12:00 – 1:00 pm **LUNCH AND VIEWING OF EXHIBITS**
- Session 3** ***Cannabis in the Jamaican Community***  
**Chair: Professor Wayne McLaughlin and Professor Jean-Pierre Louboutin**
- (O – 12) 1:00 pm *Perception of the cannabis regulatory framework in Jamaica 2017*  
A Haughton, W Ivey
- (O – 13) 1:15 pm *Evaluating the effects of extracts of *Petiveria alliacea* L on the activities of cytochrome P450 enzymes: assessing the potential for drug-herb interactions*  
S Wauchope, M Gossell-Williams, R Delgoda
- (O – 14) 1:30 pm *Associations between cannabis use and multiple substance abuse among high school students in Jamaica*  
D Oshi, W Abel, T Ricketts-Roomes, C Agu, S Oshi, J Harrison, K Smith, U Atkinson, P Clarke, A Bailey, P Whitehorne-Smith
- (O – 15) 1:45 pm *Cannabis-infused edibles: what to know about potency*  
C Lindsay, E Jones-Edwards, D Hall, D Thompson, W Abel, T Taylor
- Session 4** ***Sickle Cell and Mental Health***  
**Chair: Dr Carole Rattray and Professor Michael Boyne**
- (O – 16) 2:00 pm *The detection of  $\Delta^9$ -tetrahydrocannabinol ( $\Delta^9$ -THC), 11-hydroxy- $\Delta^9$ -THC (11-OH-THC) and 11-NOR-9-carboxy- $\Delta^9$ -tetrahydrocannabinol (THC-COOH) in latent fingerprints, using immunoassay: a pilot study*  
G Williams, S Turfus, S Haughton
- (O – 17) 2:15 pm *Disease knowledge, illness perceptions and quality of life in adolescents with sickle cell disease: is there a link?*  
M Asnani, A Barton-Gooden, M Grindley, J Knight-Madden
- (O – 18) 2:30 pm *Pneumococcal carriage, serotype and resistance patterns in persons attending a Caribbean sickle cell unit*  
J Knight-Madden, A Nicholson, MR Jacobs, A Foster
- (O – 19) 2:45 pm *Causes of death and early life determinants of survival in sickle cell disease: the Jamaican Cohort Study*  
GR Serjeant, N Chin, M Asnani, BE Serjeant, KP Mason, IR Hambleton, J Knight-Madden
- (O – 20) 3:00 pm *The association of perceived neighbourhood factors, social class and other demographic factors with depressive symptoms among Grade Six elementary school children in Jamaica*  
R Chung

- (O – 21)                      3:15 pm                      *Knowledge, beliefs and practices of Sickle Cell Unit (SCU) patients on sickle cell eye disease at The University of the West Indies, Jamaica*  
*A Ajanaku, L Mowatt, J Madden-Knight*
- 3:30 pm                      **Closing Remarks**  
**Chair: P Brown**

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