



THE UNIVERSITY OF THE WEST INDIES

ST AUGUSTINE, TRINIDAD AND TOBAGO, WEST INDIES

FACULTY OF MEDICAL SCIENCES

GRADUATE STUDIES & RESEARCH SUBCOMMITTEE

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FACULTY RESEARCH DAY: THURSDAY, OCTOBER 6, 2016

PROGRAMME: 9.30 am to 4.00 p.m.

Opening Ceremony – Amphitheatre A

9.30 a.m.	Welcome Address: Dr. Kenneth Charles
9.35 a.m.	Opening Remarks: Prof. Terence Seemungal
9.40 a.m.	Address by Principal: Prof. Brian Copeland

Starting Time	Amphitheatre A	Amphitheatre B
9.55 a.m.	Plenary Session I Chairs: Dr. Paramanand Maharaj and Prof. Dilip Dan	Plenary Session I Chairs: Dr. William Smith and Dr. Dr. Amit Paryag
10.00 a.m.	Genetics (Cancer): Reach topological metric improves identification of cancer driver genes (<i>E. Ramsahai V. Tripathi M. John</i>)	Oral Health and Smoking: A Comparison of the Oral Health of Users and Non-Users of Tobacco Products or Marijuana in Trinidad and Tobago (<i>P Ramdass, S Allahar, Z Ali</i>)
10.15 a.m.	Haematology: Utility of information from knowledge, attitude and practice (KAP) surveys about blood donation in Trinidad and Tobago (<i>K. Charles</i>)	Oral Health: Severity of periodontal disease among diabetic patients with slipping slipper sign (SSS) in Trinidad (<i>R Balkaran, S Teelucksingh, R Naidu, K Lutchmansingh, S Teelucksingh, L Morris</i>)
10.30 a.m.	Q & A	Q & A
10.45 a.m.	BREAK	
	Plenary Session 2 Chairs: Prof. Shivananda Nayak	Plenary Session 2 Chairs: Dr. Tricia Percival and Dr. Shivaughn Marchan
11.00 a.m.	Obesity & Cognition: An Investigation of Cognitive Function in a Cafeteria Diet-Induced Obese Rodent Model (<i>A. R Lewis, F. Youssef, S. Singh</i>)	Oral Health (Prosthodontics): The Use of Myerson Duracetal in Rehabilitation of Mandibular resection Defects (<i>A Paryag, J M Lowe, R Bartlett</i>)
11.15 a.m.	Nutrition: Effect of Whey Protein Isolate (WPI) supplementation on physical performance of military personnel. (<i>D. George, S.D Nicholas, K. Seaman</i>)	Paediatric Dentistry: Knowledge, attitudes and behaviour towards preventive oral care in early childhood among paediatricians in Trinidad and Tobago (<i>VV Ramroop, A Kowlessar, V Ramcharitar Maharaj, R Naidu</i>)
11.30 a.m.	Q & A	Q & A
11.45 a.m.	LUNCH	
	Plenary Session 3 Chairs: Dr. Gershwin Davis and Prof. Chidum Ezenwaka	Plenary Session 3 Chairs: Dr. Yuri Clement and Mr. Terry Ramnanansingh
1.00 p.m.	Public Health (Nosocomial Pathogens): Prevalence of vancomycin resistant enterococci rectal colonization and its risk factors in hospitalized patients in Trinidad & Tobago (<i>P.E. Akpaka, S. Kissoon, P. Jayaratne</i>)	Pharmacology: Preformulation parameters characterization of metformin hydrochloride drug for formulation development of dispersible tablet (<i>A Villarroel Stuart, M Mohan Gupta, L M Pinto Pereira, Andanappa K Gadad</i>)
1.15 p.m.	Public Health (Nosocomial Pathogens): Antimicrobial Resistance in <i>Streptococcus</i>	Pharmacology: In Vitro Activities of Fluoroquinolones Entrapped in Non-ionic

	pneumoniae isolates from Trinidad and Tobago (<i>M. Nurse-Lucas¹, P. E. Akpaka, L. McGee, P. A. Hawkins, W. H. Swanston</i>)	Surfactant Vesicles against Ciprofloxacin-Resistant Bacteria Strains (<i>S Jankie, G Pillai, AS Adebayo</i>)
1.30 p.m.	Public Health (Leprosy): The lingering occurrence of Leprosy in Trinidad into the 21st century (<i>K. Mungrue</i>)	Pharmacy: Formulation and Evaluation of Diclofenac Sodium Loaded Poly-ε-caprolactone Microspheres (<i>LL Maharaj, MM Gupta, Y Clement</i>)
1.45 p.m.	Q & A	Q & A
2.00 p.m.	BREAK	
	Plenary Session 4 Chairs: Dr. Niall Farnon and Prof. Gerard Hutchinson	Plenary Session 4 Chairs: Dr. Verrol Simmons and Prof. Abiodun Adesiyun
2.15 p.m.	Ophthalmology: The Moorfields Safer Surgery System: Preventing Glaucoma Blindness in the Caribbean (<i>D. Murray</i>)	Veterinary Public Health: Shiga toxin producing Escherichia coli (STEC) among food producing animals in Trinidad and Tobago (<i>M. D. Francis, F. Dziva, P. E. Akpaka, C. Mlambo</i>)
2.30 p.m.	Psychiatry (Dementia): Dementia Prevalence in the Middle Old in Trinidad and Medical Comorbidities (<i>G. K Davis, N. Baboolal, A. McRae, R. Stewart</i>)	Veterinary Toxicology: Acute toxicity of non-ionic surfactant (sorbitan monoesterate) vesicles (niosomes) in a Sprague Dawley rat model (<i>S Jankie, J Johnson, L Pinto Pereira, AS Adebayo, GK Pillai</i>)
2.45 p.m.	Q & A	Veterinary Virology: Seroprevalence of economically important viral pathogens in swine populations of Trinidad and Tobago, West Indies (<i>J Sookhoo, A Brown-Jordan, L Blake, C Oura</i>)
3.00 p.m.		Q & A

20-21 POSTERS: Located in Lobby and Foyer of Amphitheatre A

Authors	Title	Discipline/Research Area
J. Addae, R. Saunders, C. Posthoff, M. Krauss	The use of Near Infrared Photoplethysmography in assessing vascular and autonomic dysfunction in patients with Type 2 diabetes mellitus	Diabetic Neuropathology
T Angatire, C Ali, S Ali, S Ali, S Ali, A Ameeralli, K Andujar, R Browne, G. Hutchinson	Correlating personality disorders and abnormal BMI in persons visiting outpatient clinics at the Eric Williams Medical Sciences complex, Trinidad	Psychiatry
J. Mohan, C. Petty, S. Sharma, K. Rocke	Endothelium-dependent and endothelium-independent vasodilation of the skin microcirculation in primary open angle glaucoma : A preliminary analysis.	Optometry/ Glaucoma
C Williams, K Andrews-Richards, F Phillip	A Comparison of Oral Hygiene Practices of Selective Dental Health Students and non-Dental Health Students in Trinidad and Tobago	Dentistry
A Paryag, R Rafeek, J M Lowe	A Technique for Aesthetic Application of Gingiva Coloured Composite in Restoring Gingival Recession Defects	Cosmetic Dentistry
T Harper, A Persaud, and C Pedro	Oral health practices and knowledge amongst expectant mothers in Tobago	Oral Health
A. Paryag, T. Peters, P. Seeratan, J. M Lowe, R. Rafeek	Use of a Removable Silicone Bung for Increased Seal and Retention of an Obturator in the Prosthetic Rehabilitation of An Unilateral Maxillary Defect: A clinical Case Report	Oral Health/ Prosthodontics
A. Paryag, P. Seerattan, R. N Rafeek, M. Mankee, J. Lowe	Mandibular anterior immediate denture using visible light cure acrylic	Oral Health/ Prosthodontics
A Villarroel Stuart, M Mohan Gupta, L M Pinto Pereira, A K Gadad	Preformulation studies for a brand of metformin hydrochloride	Pharmacology
N.C. Kalloo, V. Simmons, C.V. Krishna	Morbidity due to poisonings in Trinidad and Tobago: A retrospective study for the period 2007-2012	Toxicology
M. Mohan Gupta, M. Gupta	Comparative in-vitro evaluations of different brands of paracetamol tablets available in the Trinidad & Tobago, West Indies	Pharmaceuticals

<i>R Extavour, M Perri III</i>	Factors influencing the quality of antidepressant prescribing for older, community-dwelling adults, and the risk of emergency outcomes	Pharmaceuticals
K Badal, W A Warner, M Nimrod, A Russel, M Nathan, R Haraksingh, A Toriola	A situational analysis of breast cancer early detection services in Trinidad and Tobago	Breast Cancer
CAL Oura, A Vokaty, C Lazarus, A Mahase-Gibson	Promoting the One Health concept across the Caribbean	One Health
S Jankie, J Johnson, R Suepaul, GK Pillai , AS Adebayo, P Akpaka, L Pinto Pereira	Determining the infective dose of ATCC strains of <i>Staphylococcus aureus</i> and <i>Pseudomonas aeruginosa</i> after intraperitoneal injection in Sprague Dawley rats	Veterinary Pharmacology
S Jankie, J Johnson, L Pinto Pereira, AS Adebayo, GK Pillai	Pharmacokinetics of levofloxacin entrapped in non-ionic surfactant vesicles (niosomes) in Sprague Dawley rats	Veterinary Pharmacology
<i>ES Daniel, T Daniel, L George, RS Scott, T Pope</i>	Efficacy of health game, 'snake & ladder' in enhancing the knowledge and attitude of undergraduate nursing students related to HIV transmission and its prevention	Nursing Education & HIV
M. Mahabir, C. Mahabirsingh, K. Maharaj, L. Maharaj, R. Maharaj, S. Maharaj, V. Maharaj, S. Maharajh,	The comparative analysis of the costing of cataract surgery in the public versus private health sector	Healthcare Cost Analysis
S. Rao, N. Baboolal, B. Sa, R. Rao	Palmar dermatoglyphic patterns in bronchial asthma between Afro-Trinidadian and Indo-Trinidadian: A comparative study	Public Health
K. Mungrue, T. Torres, K. Tull, A. Toussaint, J. Thackoor, J. Tannis, T. Villaroel, R. Tom Pack, T. Todd	Estimating the occurrence of resistant hypertension in Trinidad	Hypertension

Updated: September 30, 2016