THE PRINCIPAL’S RESEARCH AWARDS 2018

Faculty of Humanities and Education

The Best Research Publication

Dr Michael Bucknor
Department of Modern Languages and Literatures
Article: “Canada in Black Transnational Studies: Austin Clarke, Affective Affiliations and the Cross-Border Poetics of Caribbean Canadian Writing"

Dr Saran Stewart
School of Education
Article: “The Perceived Effects of Extra Lessons of Student Academic Achievement: A Qualitative Approach to Understanding Private/Public Supplementary Tutoring in Jamaica”

Dr Zoyah Kinkead-Clark (and collaborator)
School of Education

Dr Yewande Lewis-Fokum (and collaborator)
School of Education
Article: “Tracing the Discourses of Accountability and Equity: The Case of the Grade 4 Literacy Text in Jamaica”

Most Outstanding Research Activity

Dr Saran Stewart
School of Education

Dr Sasekea Harris
Department of Library and Information Studies
Faculty of Law

The Best Research Publication

Ms Tracy Robinson
Article: “Constitutional Comparisons by a Supranational Court in Flux: The Privy Council and Caribbean Bills of Rights”

Faculty of Medical Sciences

The Best Research Publication

Dr Simone Badal  
Dr Rupika Delgoda  
Dr Helen Jacobs (and collaborators)  
Department of Basic Medical Sciences | Natural Products Institute | Department of Chemistry  
Article: “Glaucarubulone Glucoside from Castela Macrophylla Suppresses MCF7 Breast Cancer Cell Growth and Attenuates Benzo[a] Pyrene-Mediated CYP1A Gene Induction”

Professor Paul Brown (and collaborator)  
Department of Basic Medical Sciences  
Article: “Temperature and Oxidative Stress as Triggers for Virulence Gene Expression in Pathogenic Leptospira spp”

Dr Debbie Thompson  
Professor Michael Boyne  
Dr Novie Younger-Coleman  
Dr Parris Lyew-Ayee Jr  
Mrs Lisa-Gaye Greene  
Professor Terrence Forrester  
Caribbean Institute for Health Research (CaIHR) | Mona Geo-Informatics Institute | UWI Solutions for Developing Countries  
Article: “Socioeconomic Factors Associated with Severe Acute Malnutrition Jamaica”

The Most Outstanding Researcher/Research Activity

Dr Lowell Dilworth  
Department of Pathology
Articles: “The Effect of Combined Inositol Hexakisphosphate and Inositol Supplement in Streptozotocin-induced Type 2 Diabetic Rats” | “Effect of Combined Inositol Hexakisphosphate and Inositol Supplement on Antioxidant Activity and Metabolic Enzymes in Liver of Streptozotocin-induced Type 2 Diabetic Rats” | “Plasma Cocaine Metabolite and Liver CYP450 3A4 isoenzyme Levels as Indicators of Cocaine Dependence in Rats Treated with Nutritional Supplements” | “Chemical Composition of Urinary Tract Calculi Assessed by a Basic method” | “A Review of the Leptin Hormone and the Association with Obesity and Diabetes Mellitus” | “Association of Serum Lactate Dehydrogenase, Creatinine Kinase and Adiposity with Basal lactate Concentration in Male and Female Jamaican Athletes” | “The Metabolic Hormone Leptin, Adiponectin and Troponin T in Type 2 Diabetes Patients and Athletes in Jamaica”

Book Chapter: “Plant Constituents: Carbohydrates, Oil Resins, Balsams and Plant Hormones”

Professor Roger Gibson
Department of Community Health and Psychiatry

Book Chapters: “Suicidal Behaviour, Adolescent and Alcohol” | “Parents, Alcohol and Adolescents”

Professor Jean-Pierre Louboutin
Department of Basic Medical Sciences
Articles: “Neuroinflammatory Targets and Treatments for Epilepsy Validated in Experimental Models.” | “Delivery of an Adeno-associated Virus Vector into Cerebrospinal Fluid Attenuates Central Nervous System Disease in Mucopolysaccharidosis Type II Mice.” | “Neonatal Tolerance Induction Enables Accurate Evolution of Gene Therapy for MPS I in a Canine Model”. | “Migration of Bone Marrow Progenitor Cells in Adult Brain Rats and Rabbits”

Book Chapters: “Gene Delivery of Antioxidant Enzymes in HIV-1 Associated Neurocognitive Disorder” | “Expression of GluR6, a Kainate Receptor, in Human Lymphocytes” | “Assessment of Apoptosis and Neuronal Loss in Animal Models of HIV-1-Associated Neurocognitive Disorder”
The Research Project Attracting the Most Research Funds

Professor Celia Christie
Professor Russell Pierre
Professor John Lindo
Dr Orville Morgan
Dr Joshua Anzinger
Dr Roxanne Melbourne-Chambers

Department of Child & Adolescent Health | Department of Microbiology
Department of Obstetrics & Gynaecology

Project: “ZIKAction: Preparedness, Research and Action Network on Maternal-Paediatric Axis of ZIK V Infection in Latin America and the Caribbean”

Faculty of Science & Technology

The Best Research Publication

Dr Nickeisha Stephenson (and collaborators)
Department of Chemistry
Article: “Synthesis and Preliminary PET Imaging of $^{11}$C- and $^{18}$F-isotopologues of the ROS1/ALK Inhibitor Lorlatinib”

Dr Venkateswara Rao Penugonda (and collaborators)
Department of Physics
Article: “Structural Investigations on $P_2O_5$-CaO-Na$_2$O-K$_2$O: SrO Bioactive Glass Ceramics”

Dr Marvadeen Singh-Wilmot
Ms Rochette Sinclair
Professor Ishenkumba Kahwa (and collaborators)
Department of Chemistry and Office of the Deputy Principal
Article: “Eu$^{3+}$ Substitutional Defects and their Effect on the Luminescence Spectral and Decay Dynamics of Sal-type one Dimensional Rare Earth Coordination Polymers and Trinuclear Complexes”

The Most Outstanding Researcher/Research Activity

Professor Mitko Voutchkov
Department of Physics
Articles: "TXRF as a Fast Multielemental Technique for Human Placenta Sample Analysis., Spectrochimica Acta Part B: Atomic Spectroscopy" I "Impacts of Maternal Fish Consumption and Natural Environment on Placental Mercury Levels in Jamaica" I "Radiation Dose Distribution for Patients Undergoing Routine Radiological Scans for Kidney Stone Diagnosis at the University Hospital of the West Indies" I "Assessment of Fish Consumption and Mercury Exposure Among Pregnant Women in Jamaica and Trinidad & Tobago" I "Applying

Climate Studies Group Mona
Department of Physics
Project: The State of the Jamaican Climate 2015 Project

Dr Rupika Delgoda
Natural Products Institute
Edited Book: “Pharmacognosy”
Book Chapters: “Evolutionary Perspective on the Role of Plant Secondary Metabolites” | “Proteins” | “Pharmacokinetics” | “Novel Targets in Drug Discovery”

Research Project Attracting the Most Research Funds

Professor Simon Mitchell
Mr Paul Williams
Department of Geography and Geology
Project: Upgrade of Earthquake Unit Infrastructure for Research - Funding from World Bank of J$104,000,000 administered by Jamaica Social Investment Fund

The Research Project with the Greatest Business | Economic Development Impact

Dr Sheena Francis
Dr Rupika Delgoda
Natural Products Institute
Project: Insecticide Residence Surveillance in Jamaica
Faculty of Social Sciences

The Best Research Publication

Dr Tracy-Ann Johnson-Myers
Department of Government
Book: “The Mixed Member Proportional System: Providing Greater Representation for Women?”

Dr Lisa Vasciannie
Department of Government

Dr Indianna Minto-Coy (and collaborator)
Mona School of Business and Management
Article: “The Role of the Diaspora in the Emergence of Economic Territorial Intelligence in Haiti”

The Most Outstanding Researcher /Research Activity

Dr Andre Haughton (and collaborator)
Department of Economics
Articles: “Exchange Rate Movements, Stock Prices and Volatility in the Caribbean and Latin America” | “Current Account and Real Exchange Rate Dynamics in the Caribbean and Latin America Compared to the G7 Countries”
Book: “Developing Sustainable Balance of Payments in Small Countries: Lessons from Macroeconomic Deadlock in Jamaica”

Dr Eris Schoburgh
Department of Government

The Most Outstanding Researcher /Research Activity

Dr Maurice McNaughton
Mona School of Business and Management
Research Activity: Going Global - Digital Jobs and Gender in Haiti
The Research Project Attracting the Most Research Funds

Dr Michelle McLeod  
Dr Maurice McNaughton  
Mona School of Business and Management  
Project: Open Data and Interactive Community Mapping: Empowering Local Community Tourism

Library

The Most Outstanding Researcher /Research Activity

Dr Sasekea Harris  
Library – Science and Engineering Branch  