

**RESEARCH FESTIVAL AND PRINCIPAL'S RESEARCH AWARDS 2023**

**RESEARCH FESTIVAL AND PRINCIPAL'S RESEARCH AWARDS 2023**

**POSTER SESSIONS**

**Theme I: Agri-Food Technologies for Food and Nutrition Security**

**Date 23 November 2023 - Time: 1.00 to 2.30 pm**

**JFK Auditorium**

<b>No.</b>	<b>Author(s)</b>	<b>Title</b>
<b>PA1</b>	<b>Andrea Nanan</b> , Neela Badrie and Marsha Singh	Consumers' knowledge, attitude and practices towards food fraud in Trinidad
<b>PA2</b>	<b>Charles de Matas*</b>	Structures for increasing vegetable production
<b>PA3</b>	<b>David Forgenie</b> , Nikmatul Khoiriyah, Meera Mahase-Forgenie, Ana Arifatus Sa'diyah and Evi Feronika Elbaar	Analyzing meat and seafood import demand in Trinidad and Tobago using the linear approximate almost ideal Demand System Model
<b>PA4</b>	<b>David Forgenie</b> , Nikmatul Khoiriyah, Meera Mahase-Forgenie, and Bosede Ngozi Adeleye	An Error-Corrected linear approximate almost ideal demand system model for imported meats and seafood in Indonesia
<b>PA5</b>	<b>David Forgenie</b> , Sharon D. Hutchinson and Andrew Muhammad	Investigating the welfare impact of rising price of imported food in the Caribbean
<b>PA6</b>	<b>David Forgenie</b> , Sharon D. Hutchinson and Andrew Muhammad	An aggregate food import demand function for the Caribbean: A Cointegration Analysis
<b>PA7</b>	<b>David Forgenie</b> , Tynessa Gay, Nicholas Boodram, Omardath	Demand Estimation for Caribbean Seafood Imports: A Source-differentiated LA-AIDS Model

	Maharaj, Nikmatul Khoiriyah, et al.	
<b>PA8</b>	<b>Jeanelle Joseph</b> , Norma Samuel, Kuldip Ragnauth and Tessa Barry	Building the capacity of extension officers in the Caribbean through core competency and subject matter training
<b>PA9</b>	Kennedy Paul and <b>Ayub Khan</b>	Bioecological studies of <i>Orius insidiosus</i> - A predator of <i>Thrips palmi</i> on eggplant
<b>PA11</b>	<b>Marisa Khan</b> and Duraisamy Saravanakumar	Standardisation of dose and application of solid, liquid and slow release formulations made with <i>Bacillus amyloliquefaciens</i>
<b>PA12</b>	<b>Marlon Francis</b> and Selby Nichols	Student perceptions of school lunches provided by the National Schools Dietary Services Limited
<b>PA13</b>	<b>Marlon Francis</b> and Selby Nichols	So What's For Lunch? An Exploration of Foods Consumed at School by Non- Recipients of State-Sponsored School Meals
<b>PA14</b>	<b>Marlon Francis</b> and Selby Nichols	A comparison of household food purchasing among parents of recipient and non-recipients of state sponsored school meals
<b>PA15</b>	<b>Nandani Bridglal</b> , Neela Badrie, Adesh Ramsabhag	Prevalence and molecular characterization of <i>Staphylococcus aureus</i> in Ready to Eat (RTE) vegetable salads in Trinidad
<b>PA17</b>	<b>Priscilla Sahadeo</b> , Ricardo Clarke, Xsitaaz T. Chadee, Darin Sukha and Pathmanathan Umaharan	Modelling intermittency in drying commercial loadings of cocoa ( <i>Theobroma cacao</i> L.) beans in a natural convection solar greenhouse dryer
<b>PA18</b>	<b>Rachael Bally</b> and Wendy-Ann Isaac	Potential of dragon fruit ( <i>Hylocereus</i> Sp.) in promoting health and nutritional security
<b>PA19</b>	<b>Rachael Bally</b> , Duraisamy Saravanakumar, Augustus Thomas, Nirvahn Maharaj	Potential of mushroom farming utilizing agro-wastes
<b>PA21</b>	<b>Sarah Mathura</b> , Fedora Sutton and Valerie Bowrin	Weighted Gene Co-expression Network Analysis (WGCNA) Identifies Key Hub Genes Involved in Sweet Potato Storage Organ Initiation
<b>PA22</b>	<b>Susan Turnbull-Fortune</b> and Neela Badrie	Formulation and evaluation of two Complementary foods using Eddoes ( <i>Colocasia esculenta</i> var <i>antiquorum</i> ) and Plantains ( <i>Musa</i> × <i>paradisiaca</i> )
<b>PA23</b>	<b>Tricianna Maharaj</b> , Duraisamy Saravanakumar, and Augustus Thomas	Investigating the efficacy of Biophyt 1.0 against fusarium wilt and its impact on microbial diversity and gene expression

<b>PA24</b>	<b>Marlon Francis</b> and Selby Nicholls	Dietary Diversity and nutrient intake adequacy between recipients and non recipients of state provided lunch meals in Trinidad
<b>PA25</b>	<b>Farrah Mathura</b> and Rohanie Maharaj	GC-MS Analysis And Antioxidant Activity Of The Ethanol Fruit Extract Of <i>Aiphanes Horrıda</i> From Trinidad
<b>PA10</b>	<b>Mandy Tyndall</b> , Neela Badrie, Marsha Singh	Consumers' Knowledge, Attitudes and Perception towards the Safety of Street Foods in Guyana- A Cross-Sectional, Descriptive Study
<b>PA16</b>	<b>Nicholas Ali</b> , Neela Badrie, Marsha Singh	A Cross-Sectional, Quantitative Assessment of The Food Safety Culture of Food Handlers in The Food Manufacturing Operations: Case Study at Sterling Products Limited, Guyana
<b>PA20</b>	<b>Romario Cumberbatch</b> , Neela Badrie and Marsha Singh	The Evaluation of Non-Stationary Climate on the Frequency of Gastroenteritis in Barbados, 2013-2021

## RESEARCH FESTIVAL AND PRINCIPAL'S RESEARCH AWARDS 2023

### POSTER SESSIONS

#### Theme II: Climate Change Mitigation and Adaptation and Disaster Management

Date 23 November 2023 - Time: 1.00 to 2.30 pm

JFK Auditorium

No.	Author(s)	Title
<b>PB4</b>	<b>Letetia Addison</b> , Kevan Rajaram, Ken Manohar, and Sai Pravallika Myeni	Improving Building Energy Consumption Predictions Using Machine Learning Methods
<b>PB5</b>	Maleka Riley, <b>Seychelle Woods</b> , Ricardo Clarke and Kegan Farrick	The Impact of Climate change and Land use changes on streamflow in the Guanapo and Santa Cruz Watershed
<b>PB6</b>	<b>Nicola Mathura</b> , Wanika Arnold, Lahteefa James and Kegan Farrick	Impact of Agricultural Development on Soil Hydraulic Properties
<b>PB7</b>	<b>Nkosi Felix</b> , Jessica Churaman and Wendy-Ann Isaac	Enhancing Domestic Vegetable Production in the Caribbean: A Controlled Environment Agriculture Study
<b>PB8</b>	<b>Sunshine A. De Caires</b> , Mark N. Wuddivira, Chaney St. Martin, Ronald Roopnarine, Aldaine Gordon, et al.	Spatiotemporal Variability of Soil Properties and its Implications for Hydro-ecological Modeling in a Humid Tropical Watershed
<b>PB9</b>	<b>Sunshine A. De Caires</b> , Chaney St Martin, Mark Wuddivira, Kegan Farrick and Bernie Zebarth	Comparative Analysis of Soil Depth Prediction in a Humid Tropical Watershed: Regression vs. Geospatial Models
<b>PB10</b>	<b>Melissa A. Atwell</b> , Mark N. Wuddivira, Sabine Fiedler, Mike Oatham, Ludger Herrmann, and Hermann F. Jungkunst	Can Soil Properties Explain the Occurrence of Open Savannas in Humid Tropical White Sands Ecosystem?
<b>PB1</b>	<b>Cheryl-Ann Boodram</b>	Building Community Disaster Resilience: Perspectives from Social Workers in Trinidad and Tobago

<b>PB2</b>	<b>Chris Oura</b> and Stacey Adams	Building a Caribbean Climate Change and Health Workforce
<b>PB3</b>	<b>Dana Lewis</b> , Gabrielle Thongs, Kegan Farrick	A review of existing Integrated Coastal Zone Management (ICZM) Indicator Based Tools and their Suitability for the Caribbean Context

## RESEARCH FESTIVAL AND PRINCIPAL'S RESEARCH AWARDS 2023

### POSTER SESSIONS

#### Theme III: Regional Health Issues and Advances

Date 23 November 2023 - Time: 1.00 to 2.30 pm

JFK Auditorium

No.	Author(s)	Title
PC4	<b>Aarti Pustam</b> , Omar Ali, Stephen Ramnarine, Jayaraj Jayaraman, and Adesh Ramsubhag	Metagenomic resolution of antibiotic resistance genes associated with pathogenic bacteria in a polluted river in Trinidad
PC5	<b>Alana Sankar</b> , Sreedhara Rao Gunakala and Donna Comissiong	Numerical Analysis of the Oxygen Transfer from Blood Flowing through Permeable Microcirculation to Tissue with Magnetic Field Influence
PC6	Alyssa Phillips, <b>Darren Dookeeram</b> Gabriella Dhanraj-Singh, Faith Mac Donald, Steffan Poonwassie, et al.	Prevalence Survey of Antibiotic Usage in A Secondary Hospital
PC13	<b>Fareena Alladin</b>	Food in the Time of COVID-19: A Sociological Investigation of Healthy and Unhealthy Food Consumption Before and During the COVID-19 Pandemic in Trinidad [And Tobago]
PC14	Kareema Ali, Joshua Persad, Adil Vidale, <b>Darren Dookeeram</b> , Kingsley Walker, et al.	Determinants of Poor Glycemic Control amongst Patients living with Type 2 Diabetes in Trinidad and Tobago
PC15	Lorna Merritt-Charles and <b>Reah Bowles</b>	Unanticipated admissions following same day surgery at the Scarborough General Hospital, Tobago
PC17	<b>Patrice Prout</b> and Selby Nichols	Accuracy of resting metabolic rate prediction equations in persons on maintenance haemodialysis
PC18	<b>Patrice Prout</b> and Selby Nichols	Dietary Patterns among Persons on Maintenance Hemodialysis

<b>PC19</b>	<b>S. Mohammed</b> , V. Sundaram, B. Cockburn, S. Ottey, and R. Azziz	The PCOS Epidemiology and Phenotype in Trinidad and Tobago (Trinidad-PEP) Study: Preliminary Results
<b>PC21</b>	<b>Sasha Ramkhelawan</b> , Ricardo Clarke and Andrea Joseph	The Development of a Risk Prediction Tool for Cardiovascular Disease in Trinidad and Tobago
<b>PC22</b>	<b>Shastri Motilal</b> , Reeanna Maharaj, Ranjiv-a Bridglal, Ray-Ann Jaggernaut, Reanna Ramkeesoon, et al.	Choice of medical speciality: a cross-sectional study of medical students and comparison with existing practice
<b>PC23</b>	<b>Stephen D. B. Jr. Ramnarine</b> , Chris Oura, Llevan Ramharrack, Kenrick Manack, and Dale Maharaj	Detection and Characterization of Potential Emerging and Emergent Arboviruses in Mosquitoes in Trinidad
<b>PC24</b>	<b>Stephen D. B. Jr. Ramnarine</b> , Jayaraj Jayaraman, Omar Ali, and Adesh Ramsabhag	A Growing Public Health Concern: Biocide Resistant Bacteria in Trinidad's Agricultural Fields
<b>PC25</b>	<b>Timmy Ramnanansingh</b> , Aneisha Lewis, Farid Youssef, Shamjeet Singh, Norberto Gonzalez-Juarbe, et al.	Diet-related changes in the control mechanisms for vasomotion in the microcirculation
<b>PC1</b>	<b>A. F. Williams-Persad</b> , R. Khan, S. Ali, J. Mycoo, S. Muhamad, et al.	An investigation into the prevalence of side effects experienced by renal patients using kayexalate in Trinidad, West Indies
<b>PC2</b>	<b>A. F. Williams-Persad</b> , Y. Clement, E. Uche-Nwachi, S. Nayak and A. V. C. Rao	Hepatoprotective activity of <i>Leonotis nepetifolia</i> (Lamiaceae) against acetaminophen toxicity in Swiss Albino mice
<b>PC3</b>	<b>A. F. Williams-Persad</b> , D Reverand, R. Richardson, R. Russell, A. Ramsook, et al.	The prevalence of venous thromboembolism (vte) among women using oral contraceptives (ocs) in Trinidad and Tobago.
<b>PC7</b>	<b>Anushka Ramjag</b> , Ingra M. Claro, Filipe Romero Rebello	Viral metagenomics using the SMART-9N approach to screen for viruses in animal and human tissues

	Moreira, Graham Simmons, Soren Nicholls, et al.	
<b>PC8</b>	<b>Ariane Brown Jordan</b> , Nikita Sahadeo, Anushka Ramjag, Vernie Ramkissoo, Soren Nicholls, et al.	Capacity building to support infectious disease genomic surveillance in Trinidad and Tobago
<b>PC9</b>	<b>Casswina Donald</b> , Diego Quattrone, Ulrich Reininghaus, Joni Lee Pow, Tessa Roberts, et al.	Symptom Dimensions of Psychopathology in Untreated Psychosis – Findings from the International Programme of Research on Psychotic Disorders, INTREPID II (Three diverse settings in the Global South).
<b>PC10</b>	<b>A.F. Williams</b> , A. Brereton, S. Baboolal, K. Chinemilly, M. Premchand, et al.	An investigation of the efficacy of herbal medication compared to prescribed conventional medication in managing hypertension in Trinidad and Tobago
<b>PC11</b>	Craig Morgan, Alex Cohen, <b>Gerard Hutchinson</b> , Georgina Miguel Esponda, et al.	The epidemiology of untreated psychoses in three Global South settings: Findings from the International Programme of Research on Psychotic Disorders
<b>PC12</b>	<b>Diane Ignacio</b> , Trevor Alleyne, Sonia Peter, Dunstan Arrindell, and Tamaro S. Hudson	Anti-proliferative activity of extracts from the skin of <i>vitis rotundifolia</i> on human prostate cancer pc-3 cells
<b>PC16</b>	<b>Nikita Sahadeo</b> , S. Nicholls, N. Mohammed, A. Hinds, C. Whittaker, et al.	Investigations into the introduction, evolution and epidemic behaviour of SARS-CoV-2 Lineages in Trinidad and Tobago
<b>PC20</b>	<b>Samantha Hosein</b>	Madness and Crime: An Examination of Early Mental Institutions in Trinidad, 1848-1899



## RESEARCH FESTIVAL AND PRINCIPAL'S RESEARCH AWARDS 2023

### POSTER SESSIONS

#### Theme IV: Science, Technology and Engineering Solutions for Sustainability

Date 23 November 2023 - Time: 1.00 to 2.30 pm

JFK Auditorium

No.	Author(s)	Title
PD2	Eden John and Kegan Jones	Evaluation of Unconventional Supplements to the Diet of Intensively Reared Agouti ( <i>Dasyprocta leporina</i> ) in Trinidad, West Indies
PD3	Jelissa Doorkamp and Grace-Anne Bent	Eco-Friendly Synthesis of Copper Nanoclusters as Potential Sensors for Pesticides
PD4	Karim Rahaman, Evelyn Wolfe and Alana Sankar	Exploring Viscous Slip Flow Dynamics within an Oscillating Cylinder
PD5	Kevin Gurbani Beepat, Davinder Pal Sharma, Dinesh Pathak, and Vinod Kumar	Theoretical approach to Enhanced Efficiency of Perovskite Solar Cells by adding Mo(S,Se) <sub>2</sub> layer using COMSOL Multiphysics
PD6	Matthew Brijesh Sookoo and Sreedhara Rao Gunakala	Existence of Fixed Points for Multivalued Quasi-Contraction Maps in M-Menger Spaces
PD7	Melissa A. Atwell and Mark N. Wuddivira	Determining the Variability of Soil Properties as a Function of Land Use in the Aripo Savannas using Electromagnetic-Induction
PD9	Neila Ramjattan, Augustus Thomas and Duraisamy Saravanakumar	Use of genomics and bioinformatics for lipopeptide characterization from <i>Bacillus amyloliquefaciens</i> to suppress <i>Colletotrichum gloeosporioides</i>
PD10	Nicola Mathura and Kegan Farrick	Landuse Impacts on Streamflow Generation Processes in a Tropical Watershed: A Hydrometric and Geochemical Approach

<b>PD11</b>	<b>Nirvahn Maharaj</b> , Duraisamy Saravanakumar, Augustus Thomas and Kriya Narine	Cloning the Bacillomycin D Operon and Analyzing its Antagonistic Effect against Plant Pathogens found in Trinidad and Tobago
<b>PD13</b>	<b>Nkese D. Mc Shine</b> , Xsitaaz T. Chadee, and Ricardo M. Clarke	Historical Wind Trends for two islands within the Caribbean Basin
<b>PD15</b>	Sreedhara Rao Gunakala, <b>Victor Job and Hazi Azamathulla</b>	Intravenous Magnetic Nanoparticle Hyperthermia: A Two-Phase Model for Muscle and Prostate Tumors
<b>PD16</b>	Sreedhara Rao Gunakala, Victor Job, and <b>Maraika Alexander</b>	Magnetohydrodynamic Slip Flow and Heat Transfer with Ohmic Heating Between a Rotating Solid Disk and Stationary Permeable Disk
<b>PD17</b>	Sreedhara Rao Gunakala, Victor M. Job, and <b>Jennilee Veronique</b>	Effects of Heat Transfer, Chemical Reactions, and Variable Fluid Properties on Oscillatory Magnetohydrodynamic Couette Flow Through a Partially-Porous Channel
<b>PD18</b>	Sreedhara Rao Gunakala, Victor Job, H. Thameem Basha, <b>Kris Manohar, Vikash Ramcharitar</b> et al.	Enhancing the Study of Magneto Bio-Nanofluid Flows in Stenosed Arteries with Finite Difference Analysis, Machine Learning, and Statistical Experiments
<b>PD19</b>	Sreedhara Rao Gunakala, Victor Job, P. Nagarani, P. Sreenivasulu, and <b>Judith Balkissoon</b>	Finite Element Analysis of Unsteady Magnetohydrodynamic Poiseuille Flow with Temperature-Dependent Viscosity in a Porous Channel Subjected to an Oscillating Pressure Gradient
<b>PD20</b>	<b>Sreedhara Rao Gunakala, Victor Job</b> , P.V.S.N. Murthy, P. Nagarani, H. Seetharaman, and B.V. Chowdary	A Computational Study: Intratumoral Magnetic Hyperthermia for Breast Cancer Treatment with FePt and FeCrNbB Magnetic Nanoparticles
<b>PD21</b>	<b>Tyrone Dass</b> , Sreedhara Rao Gunakala, Donna M.G. Comissiong, and Victor M. Job	Analysis of Journal Bearings Lubricated with Non-Newtonian Rabinowitsch Fluid Considering Variable Viscosity and Velocity Slip

<b>PD22</b>	Victor Job, Sreedhara Rao Gunakala, <b>Alana Sankar</b> , H. Thameem Basha and S Sreekanth	Investigation of Peristaltic Nanofluid Flows in a Partially-Porous Flexible Tube in the Presence of a Magnetic Field and Thermal Radiation using the Finite Element Method
<b>PD23</b>	<b>Vikash Ramcharitar</b> , Sreedhara Rao Gunakala, and Victor Job	Mathematical Modeling of Ocular Transport Phenomena for Enhanced Understanding of Eye and Retinal Conditions
<b>PD24</b>	<b>Vikki Lee</b> and Kegan Farrick	The potential of Vetiver Grass ( <i>Chrysopogon zizanioides</i> ) for Forest Restoration in abandoned quarries
<b>PD25</b>	<b>Zaffir Mohammed</b> , Ricardo Clarke and Gregory Gouveia	Expansive Soil Behaviour: Insights and Innovations
<b>PD26</b>	Matthew Brijesh Sookoo, Sreedhara Rao Gunakala, and <b>Shinara Jaglal</b>	Establishing Fixed-Point Theorems for Multivalued Quasi-Contraction Maps within V-Fuzzy Metric Spaces
<b>PD1</b>	<b>Bryan Anthony Manilo Smith</b>	Assessing the Efficacy of Neem Compost, Vermicompost and their Teas for the Management of <i>Phytophthora capsici</i> in Hot Pepper Seedling Production
<b>PD8</b>	<b>Miguel Andrews</b> and Davinder Pal Sharma	Recycling Water using Exoelectrogenic Microorganisms
<b>PD12</b>	<b>Nizam Mohammad</b> and Lebert Grierson	Grease Sealant & Lubricant Solution Orientation Research
<b>PD14</b>	<b>Soren Nicholls</b> , Anushka Ramjag, and Christine Carrington	Development of a Bioinformatics Application to Support Genomic Analysis

## RESEARCH FESTIVAL AND PRINCIPAL'S RESEARCH AWARDS 2023

### POSTER SESSIONS

**Theme V: Social, Educational and Cultural Issues, Policies, Justice and Practices for Improved Life and Sustainable Environment**

**Date 23 November 2023 - Time: 1.00 to 2.30 pm**

**JFK Auditorium**

No.	Author(s)	Title
PE3	Benjamin Ramkissoon and <b>Regan Deonanan</b>	How do remittances impact child mortality and are there preconditions?
PE8	<b>Diego Mideros</b>	Am I an autonomous language learner? Self-Perceived Autonomy in Trinidad and Tobago: Sociocultural Perspectives
PE9	<b>Diego Mideros</b> and Nicole Roberts	Joining International Conversations on Research in Foreign Language Learning and Teaching: Voices from the Southern Caribbean
PE10	<b>Felisha St. Bernard</b>	Rising Power Rivalry: The Vaccine Diplomacy of China and India in South/Southeast Asia
PE11	<b>Georgina Chami</b> , Jerome Teelucksingh and Marlon Anatol	Managing New Security Threats in the Caribbean
PE13	<b>Haymatee Jaleel</b>	Understanding Domestic Violence: An Intersectional Interrogation of Experiences, Meanings and Choices for Women Survivors in Trinidad and Tobago
PE14	<b>Jerome De Lisle</b> and Reina Brathwaite	Decolonization as and for assessment reform in the Caribbean postcolonial nation state
PE15	Jerome De Lisle, Nicola Mark-Worrell, <b>Reina Brathwaite</b> , Nalini Ramsawak-Jodha, Kristy Phillip, et al.	Integrating socioemotional learning into classroom assessment- new visions for fostering citizenship in a multicultural postcolonial state
PE16	Jerome De Lisle, Stephen Geofroy, Kristy Phillip,	Exploring plural notions of fairness in early selection in the Republic of Trinidad and Tobago

	<b>Nalini Ramsawak-Jodha,</b> and Cheryl Bowrin	
<b>PE17</b>	<b>Keisha Chandra Samlal</b>	An Exploration of ‘Fat Women’s’ Experiences with Education in Trinidad and Tobago
<b>PE18</b>	<b>Kenneth S Charles</b>	Action research to develop a model for voluntary non remunerated blood donation in a former British West Indian colony
<b>PE20</b>	<b>Kevin Flemming</b> and Roger Hosein	Fiscal Vulnerability in Commodity Exporting Countries
<b>PE21</b>	<b>Lee Lutchman</b>	IMAGEnation: Design Culture and the Trin-bagonian Imagined Community in the Twenty-First Century
<b>PE24</b>	<b>Mary Avril Bastien</b>	Unpaid Care Work for Children with Intellectual Disabilities in Trinidad and Tobago: A Phenomenological Study
<b>PE29</b>	<b>Rajendra Ramlogan</b>	Emerging Issue of the Viability of Legal Mechanisms Available to Caribbean Countries to Force Action on Climate Change and Its Existential Consequences Background
<b>PE34</b>	<b>Sarah Richards</b>	The Power of Listening: The Place of Narrative Discourse in Social Policy Creation
<b>PE35</b>	<b>Satesh Sookhai</b>	Consumer Ethnocentrism: Examining Consumer Purchase Intentions within Developing and Developed Economies
<b>PE36</b>	<b>Satesh Sookhai</b>	The Relationship Between Rewards and Motivation on Job Performance Within Small Businesses: The Mediating Role of Job Satisfaction and the Moderating Role of Organizational Justice
<b>PE40</b>	Talia Esnard, <b>Letetia Addison</b> , Delia Brito, Keisha Samlal and Fareena Alladin	Teaching Statistics to non-STEM students: A Reflective Study
<b>PE1</b>	<b>Alicia Lalite</b>	Disabilities in The Workplace - An Analysis of Hiring, Retaining, And Working With Persons With Disabilities In Trinidad And Tobago
<b>PE2</b>	<b>Arti Padmani Ramsaroop</b>	The Caribbean Intellectual Tradition: Positioning African Caribbean Intellectuals in Harlem, N.Y. - a study of Egbert Ethelred Brown from 1920 to 1956
<b>PE4</b>	<b>Bephyer Parey</b>	Trinidadians’ care potential regarding older persons with disabilities
<b>PE5</b>	<b>Bephyer Parey</b> , Elisabeth Kutscher and Hannah Enightoola	The Equal Opportunity Act of Trinidad and Tobago and persons with disabilities

<b>PE6</b>	<b>Christine Baptiste</b> and Roger Hosein	An Analysis of CARICOM's Intra-Industry Trade and the Spatial Incidence of CARICOM's Exports
<b>PE7</b>	<b>Denis Cox</b>	Deposit Insurance and Bank Failure Resolution: A Case Study of Trinidad and Tobago 1990-2023
<b>PE12</b>	<b>Gina Marie Granado</b>	Seeking Epistemological Justice: Rethinking International Relations and Reparations
<b>PE19</b>	<b>Keron Niles</b>	Climate Change and Transatlantic Slavery: uncomfortable parallels, uncertain futures
<b>PE22</b>	<b>Lue Andra Francis-Blackman and Andel Andrew</b>	The Informal Sector, the Transgender Worker and External Constraints in Trinidad and Tobago
<b>PE23</b>	<b>Marlene George-Mitchell</b>	Significance of Political Marketing on Voters' Behaviour in Trinidad and Tobago Elections: To Whom Does It Really Matter? An Evaluation of its Impact on Voters' Behaviour in the 2015 Parliamentary Election
<b>PE25</b>	<b>Michelle Samaroo-David</b>	The Impact of Workplace Bullying on Employee's Job Satisfaction: The Moderating role of Perceived Organisational Support
<b>PE27</b>	Mukesh Basdeo, Amrita Deo, <b>Isaiah McIntosh</b> , Roger Hosein	Measuring the Relationship between the Murder Level and Economic Activity in a Small Multi-ethnic Island State: The Republic of Trinidad and Tobago 1966-2022
<b>PE28</b>	<b>Nicole Roberts</b> and Romulo Guedez Fernandez	Volunteerism and Migrant Kids in Trinidad: An Analysis of a University-Community Engagement Project
<b>PE30</b>	<b>Renaldo Ramnath</b> , Regan Deonanan, Roger Hosein, George Saridakis	Estimating CHINDIA's Competitive Threat to the SIDS of CARICOM in the Region's Major Export Markets
<b>PE31</b>	Roger Hosein, <b>Carlton Thomas</b> , and George Saridakis	Sustainability, Genuine Savings, and the Dutch Disease
<b>PE32</b>	Roger Hosein, <b>Leera Boodram</b> and George Saridakis	The Impact of China on Small Island Developing States: Evidence from a Small Petroleum Exporting Economy
<b>PE33</b>	<b>Samantha Allahar</b>	The Grenada Revolution: Elevating the Subaltern in the Decolonisation Process
<b>PE37</b>	<b>Shivalli Ragbir</b>	Controlling the Colonial Child: Juvenile Crime in Trinidad 1873 To 1926
<b>PE38</b>	<b>Stacia Ali</b>	How do I fit in? A Caribbean Perspective on Social and Personal-Emotional Adjustment to University life

<b>PE39</b>	<b>Sunita Colai</b>	A Qualitative Transcendental Phenomenological Study on Educators' Experiences implementing the Caribbean Secondary Examination Certificate (CSEC) revised English A syllabus
<b>PE41</b>	<b>Zaida Khan-Ventour</b>	A Narrative Review of the Professional Teacher Standards Movement in the Caribbean

## RESEARCH FESTIVAL AND PRINCIPAL'S RESEARCH AWARDS 2023

### POSTER SESSIONS

#### Theme VI: Communication and Digital Technologies Including AI and its Applications and Impacts

Date 23 November 2023 - Time: 1.00 to 2.30 pm

JFK Auditorium

No.	Author(s)	Title
PF1	<b>Bryan Hibbert</b> and Davinder Pal Sharma	Audio Signal Separation Using Spectral Masking and Transformer-based Deep Learning
PF3	<b>Donna Hitlal</b>	Virtual Chemistry Laboratories in the Caribbean – A Qualitative Study
PF4	<b>Farley Joseph</b>	Streaming forward: Adoption considerations for the major recorded music markets in CARICOM
PF6	<b>Gabriela Persad</b>	An Investigation into the Diversification Effects of Bitcoin for the Caribbean Market Investor
PF8	<b>Janine Lutchman</b>	Transforming the Classroom: The Role of ICT in Enhancing Online Chinese Language Instruction in Trinidad and Tobago
PF9	Patrick Hosein and <b>Kevin Baboolal</b>	Bayes Classification using an approximation to the Joint Probability Distribution of the Attributes
PF10	<b>Sabina Gooljar</b> , Kris Manohar and Patrick Hosein	Performance Evaluation and Comparison of a New Regression Algorithm
PF11	<b>Syed Rashid Hussain Shah</b> , Sumera Syed and Haider Sultan	An Empirical Investigation to Measure the Role of Induced and Organic Social Media Videos in the Selection of International Travel Destination through the EEG Technique': Generation Z Travellers of Emerging Markets
PF2	<b>Candia James</b>	Network Diplomacy: A Social Network Analysis of Network Communication in Diplomatic Networks
PF7	<b>Inzamam Rahaman</b> and Patrick Hosein	A Method for Learning Representations of Signed Networks