

RESEARCH FESTIVAL AND PRINCIPAL'S RESEARCH AWARDS 2023

ORAL PRESENTATION SESSIONS

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

Chair: Professor Rohanie Maharaj

Co-chair: Dr. Saeed Bawa

Lecture Room 1, First Floor, Engineering Block 13

Date 23 November 2023 - Time: 9.00 am to 10.30 am

No.	Author(s)	Title	Time
OA1	Wendy-Ann Isaac*	Seed Herbaria: A Promise for the Future	9.00 to 9.15
OA2	Rakesh Bhukal and Wendy-Ann Isaac	Aquaponics: An Innovative Solution to Food Security and its Potential as a Sustainable, Climate-smart Farming Technique for Caribbean Agriculture	9.15 to 9.30
OA3	Augustus Thomas and Duraisamy Saravanakumar	Diseases of lettuce and their management using indigenous biocontrol agents: A study in Trinidad	9.30 to 9.45
OA4	Nandita Sankersingh, Neela Badrie, Marsha Singh	The impact of climate change on microbial foodborne diseases in the Caribbean	9.45 to 10.00
OA5	Omar Ali, Adesh Ramsabhag, Jayaraj Jayaraman	Seaweed extracts of <i>Acanthophora spicifera</i> and <i>Sargassum vulgare</i> as phytoelicitors	10.00 to 10.15
		Q&A - Discussion	10.15 to 10.30

***Video**

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ORAL PRESENTATION SESSIONS

Theme II: Climate Change Mitigation and Adaptation and Disaster Management

Chair: Dr. Sandeep Maharaj

Co-chair: Dr. Ronald Roopnarine

Lecture Theatre 2, Second Floor, Engineering Block 13

Date 23 November 2023 - Time: 9.00 am to 10.30 am

No.	Author(s)	Title	Time
OB1	Sharifa Ali-Abdullah and Kiran Harnanan, UNDP	Public awareness survey on renewable energy, energy efficiency and energy pricing in Trinidad & Tobago 2023 - baseline study	9.00 to 9.15
OB2	Darren Dookeeram, Sabastian Preller Borquez, Seetharaman Hariharan, Satish Bidaisee, Sandeep Maharaj, et al.	Multilateralism as a Determinant of COVID-19 Outcomes in Small Island Developing States: Mitigating Disaster Impact through Foreign Affairs Investment	9.15 to 9.30
OB3	Letetia Addison and Patrick Hosein	A comparison of Traditional and Machine Learning Models for Flood Risk Assessment in the Caribbean	9.30 to 9.45
OB4	Natalie Greaves, Shamjeet Singh, Satish Jankie, Gillian Bristol, Emma Lawrance, et al.	Connecting Climate Minds: Latin America and the Caribbean (LAC) Region — Setting the Research Agenda	9.45 to 10.00
OB5	Emma Perot	Technology transfer, climate change and the developing countries: the difficulties posed by green patents	10.00 to 10.15
		Q&A - Discussion	10.15 to 10.30

RESEARCH FESTIVAL AND PRINCIPAL'S RESEARCH AWARDS 2023

ORAL PRESENTATION SESSIONS

Theme III: Regional Health Issues and Advances

Chair: Professor Patrick Akpaka

Co-chair: Professor Christine Carrington

Lecture Theatre 3, Second Floor, Engineering Block 13

Date 23 November 2023 - Time: 9.00 am to 10.30 am

No.	Author(s)	Title	Time
OC1	Christine Carrington	Viral voyages: Invasion and dissemination of epidemic viruses in the Caribbean	9.00 to 9.15
OC2	Andrew Dhanoo and Brian Cockburn	An Investigation of Novel Non-Invasive Methods for Diabetes Mellitus Screening	9.15 to 9.30
OC3	Joni Lee Pow , Casswina Donald, Marta di Forti, Tessa Roberts, Helen A. Weiss, et al.	Cannabis use and psychotic disorders in Trinidad, India and Nigeria: Findings from the International Programme of Research on Psychotic Disorders (INTREPID) II	9.30 to 9.45
OC4	Kareema Ali, Darren Dookeeram , Ian Sammy, Nigel Glynn, Satesh Bidaisee et al.	An analysis of the variation in management between persons living with and without diabetes admitted with acute chest pain to a community hospital of a developing country	9.45 to 10.00
OC5	Shastri Motilal , Nicholas Mohepath, Jana Moncur, Ricky Mohess, Vasthala Mohan, et al.	Parental Knowledge, Attitudes, and Perceptions Impacting Willingness to Vaccinate Against the Human Papillomavirus in Trinidad	10.00 to 10.15
		Q&A - Discussion	10.15 to 10.30

RESEARCH FESTIVAL AND PRINCIPAL'S RESEARCH AWARDS 2023

ORAL PRESENTATION SESSIONS

Theme IV: Science, Technology and Engineering Solutions for Sustainability

Chair: Dr. Julia Kotzebue

Co-chair: Professor Krishpersad Manohar

Lecture Room 1, First Floor, Engineering Block 13

Date 23 November 2023 - Time: 11.00 am to 1.00 pm

No.	Author(s)	Title	Time
OD1	Amit Neil Ramkissoon and Wayne Goodridge	Using Computational Social Systems To Fight Back Against The Onslaught Of Fake News In The Caribbean Region	11.00 to 11.15
OD2	Kafele Reddock	Seismic Vulnerability Distribution and Geomorphology of the Seismic Interface of the Diego Martin Valley	11.15 to 11.30
OD3	Kegan Farrick, Nicola Maurisa Mathura , Josie Geris, Priya Ramjohn, Oludare Durodola, et al.	A fight for survival? – Competitive water use in <i>Cacao</i> agroforests	11.30 to 11.45
OD4	Llevan Ramharrack , Stephen D. B. Jr. Ramnarine, Adesh Ramsubhag, and Jayaraj Jayaraman	Phytoremediation of petroleum hydrocarbons in soil employing vetiver and an inoculated bacterial consortium	11.45 to 12.00
OD5	Michael Forde	Sustainable Chemistry for Production of renewable chemicals and fuel blenders	12.00 to 12.15
OD6	Sherard Sadeek	Optimising the sustainable energy transition in Trinidad and Tobago	12.15 to 12.30
		Q&A – Discussion	12.30 to 1.00

RESEARCH FESTIVAL AND PRINCIPAL'S RESEARCH AWARDS 2023

ORAL PRESENTATION SESSIONS

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

Chair: Dr Angelique Nixon

Co-chair: Dr Suzanne Burke

Lecture Theatre 2, Second Floor, Engineering Block 13

Date 23 November 2023 - Time: 11.00 am to 1.00 pm

No.	Author(s)	Title	Time
OE1	Camille Quamina	Embodying the Caribbean: Aestheticising the performative in the everyday, festival, and sacred black body	11.00 to 11.15
OE2	Jerome De Lisle, Sean Annisette, Tracey Lucas, Alicia Lucien Baptiste and Kheisha Nicholls	A critical realist perspective on policy for supporting high poverty low performing schools in and out of the pandemic	11.15 to 11.30
OE3	Lynne Parks	Spaces Between: Evaluating Ideas of Nation and Nationhood through the Documentary Lens	11.30 to 11.45
OE4	Michael Felix Noel	Entrepreneurial Orientation, Small Business Orientation, Resilience and Performance of MSMEs' in a SIDS: An Examination	11.45 to 12.00
OE5	Preeya Mohan	Implementing Nationally Determined Contributions under the Paris Agreement: An Assessment of Climate Finance in Caribbean Small Island Developing States	12.00 to 12.15
OE6	Rajendra Ramlogan	The Arduous Journey for Environmental Justice: Trinidad and Tobago a Mirror of the Challenges Confronting the Developing World	12.15 to 12.30
OD7	Roger Hosein, Anne-Marie Mohameed, and Mark Roopchan	A Comparative assessment of the welfare impact of different Partial Scope Trade Agreements for Trinidad and Tobago	12.30 to 12.45
		Q&A – Discussion	12.45 to 1.00

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ORAL PRESENTATION SESSIONS

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

Chair: Dr Craig Ramlal

Co-chair: Dr. Vijayanandh Rajamanickam

Lecture Theatre 3, Second Floor, Engineering Block 13

Date 23 November 2023 - Time: 11.00 am to 1.00 pm

No.	Author(s)	Title	Time
OF1	Amit Ramkissoon, Koffa Khan, Kwasi Edwards, Nicholas Mendez, Shareeda Mohammed and Wayne Goodridge	Severe Warning and Resilient Network of Trinidad and Tobago	11.00 to 11.15
OF2	Avian Daly	Jolted into the 21 st century – the case of a Caribbean Language Centre	11.15 to 11.30
OF3	Gabriela Persad	An Assessment of the Level of Cybersecurity Awareness in Trinidad and Tobago: A Preliminary Survey	11.30 to 11.45
OF4	Kevin Baboolal , Sabina Gooljar and Patrick Hosein	A Novel Approach to Feature Encoding	11.45 to 12.00
OF5	Syed Rashid Hussain Shah , Sumera Syed and Haider A Sultan	A Neuro-Marketing Approach for Understanding the Role of Valence and Arousal in Travel Destination Image Development: A Generation Z Travellers' Brain Study for European Tourist Destinations	12.00 to 12.15
OF6	Freddy James and Lee-ann Pierre	Innovating the Caribbean professional learning space to equip middle leaders to lead within and through crisis using a multi-tiered multi-modal approach	12:15 to 12:30
		Q&A - Discussion	12.30 to 1.00