



UNIVERSITY OF GUYANA
SCHOOL OF GRADUATE STUDIES AND RESEARCH

2ND ANNUAL GRADUATE RESEARCH SYMPOSIUM

Theme: Innovative Research on Sustainable Development in
a Resource Abundant Economy

Programme Schedule

Please [click here](#) for free registration

Georgetown, Guyana

09:00 HRS (GMT -4)

Via Zoom Webinar

October 5 - 7, 2022

2ND ANNUAL GRADUATE RESEARCH SYMPOSIUM

UNIVERSITY OF GUYANA GRADUATE RESEARCH TAUGHT/ RESEARCH PROGRAMMES

Research PhD/M Phil Programme

College of Medical Sciences Programmes

College of Behavioural Sciences and Research Programme

Faculty of Agriculture and Forestry Programme

Faculty of Earth and Environmental Sciences Programmes

Faculty of Natural Sciences Programme

Faculty of Social Sciences Programmes

School of Entrepreneurship and Business Innovation

(SEBI) Programmes

2ND ANNUAL GRADUATE RESEARCH SYMPOSIUM

INTERDISCIPLINARY INTERFACULTY PHILOSOPHUS PROGRAMME

PhD/MPHil of Biodiversity

For more information on the programme please visit:

<https://phdbiodiversity.uog.edu.gy/>

Contact us:

Faculty of Agriculture and Forestry

Dean Dr. Lawrence Lewis

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Faculty of Earth and Environmental Sciences

Dean Dr. Temitope Oyedotun

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Faculty of Natural Sciences

Dean Prof. Abdullah Ansari

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COLLEGE OF MEDICAL SCIENCES (CMS)

Taught/Research Masters Programmes

- Master of Public Health

Graduate Coordinator:

Dr. Maritza Perez

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(592) 603-5623

COLLEGE OF BEHAVIOURAL SCIENCES AND RESEARCH (CoBRes)

Taught/Research Masters Programmes

- Master of Science in Clinical Psychology

Graduate Coordinator:

Ms. Leann Kendall

leann.kendall@uog.edu.gy

FACULTY OF AGRICULTURE AND FORESTRY

Taught/Research Masters Programme

- Master of Science in Agro-Technology and Business

Graduate Coordinator:

Mr. Courtney W. Bullen

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FACULTY OF EARTH AND ENVIRONMENTAL SCIENCES

Taught/Research Masters Programme

- Master of Science/Master in Environmental Management
- Master of Science/Master in Natural Resources Management
- Master of Science/Master in Oil and Gas and Renewable Energy
- Master of Science/Master in Climate Change and Disaster Risk Management

Graduate Coordinator:

Ms. Donessa David

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(592) 692-2953 or (592) 624-6218

2ND ANNUAL GRADUATE RESEARCH SYMPOSIUM

FACULTY OF EARTH AND ENVIRONMENTAL SCIENCES CONT.

Taught/Research Masters Programme

- Master of Science in Urban and Regional Planning

Graduate Coordinator:

Dr. Patrick Williams

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(592) 651-0224 or 623-5244

FACULTY OF NATURAL SCIENCES

Taught/Research Masters Programmes

- Master of Science in Forest Biology

Graduate Coordinator:

Dr. Sirpaul Jaikishun

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(592) 628-0658

FACULTY OF SOCIAL SCIENCES

Taught/Research Masters Programmes

- Masters in Social Work

Graduate Coordinator:

Ms. Debbie Hopkinson

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(592) 639-3999

Taught/Research Masters Programmes

- Commonwealth Master of Business Administration
- Commonwealth Master of Public Administration

Graduate Coordinator:

Dr. Duane Edwards

duaneedwards8791@gmail.com

Taught/Research Masters Programmes

- Master of Laws - International Business and International Law

Graduate Coordinator:

Dr Kim Kyte-Thomas

law@uog.edu.gy

(592) 618-1290

Taught/Research Masters Programmes

- Master of Communication Studies

Graduate Coordinator:

Dr Carolyn Walcott

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SCHOOL OF ENTREPRENEURSHIP AND BUSINESS INNOVATION (SEBI)

Taught/Research Masters Programme

- Master of Science (Strategic Development Studies)
- Master of Science (Supply Chain Management)
- Master of Science (Procurement Management)

Graduate Coordinator:

Mr. Feroze Khan

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**DAY 1:
OCT 5**

UNIVERSITY OF GUYANA SCHOOL OF GRADUATE STUDIES AND RESEARCH

2ND ANNUAL GRADUATE RESEARCH SYMPOSIUM

09:00 HRS	NATIONAL ANTHEM
09:05 HRS	WELCOME BY CHAIRPERSON Dr. Elroy Charles, Vice-Chair, Symposium Planning Committee
09:10 HRS	REMARKS <ul style="list-style-type: none">• Professor Gomathinayagam Subramanian, Chair, Academic Sub-Committee• Professor Judith Rosales, Dean, School of Graduate Studies and Research• Professor Emanuel Cummings, Deputy Vice-Chancellor, Academic Engagement
09:25 HRS	CULTURAL 'EDUTAINMENT' Ras Camo Williams (Steel Pan)
09:30 HRS	FEATURE ADDRESS SPEAKER Professor Paloma Mohamed Martin, Vice-Chancellor, XI
09:45 HRS	CULTURAL 'EDUTAINMENT' Mr. Roy Stewart (Saxophone)
09:50 HRS	INTRODUCTION OF KEYNOTE SPEAKER
09:53 HRS	KEYNOTE ADDRESS Innovative Research to Avoid the Dutch Disease Dr. Arlington Chesney, Former Executive Director of the Caribbean Agricultural Research and Development Institute (CARDI)
10:20 HRS	APPRECIATIONS Dr. Carolyn Walcott, Chair, Communication Sub-Committee
10:25 HRS	MUSICAL INTERLUDE
	PANEL 1: FOOD PRODUCTION AND FOOD SECURITY
	Moderator: Dr. Lawrence Lewis Rapporteur: Dr. Mohamad Sadik
10:30 HRS	INTRODUCTION TO PANEL, KEYNOTE SPEAKER AND OTHER PANELISTS

KEYNOTE ADDRESS

10:35 HRS	Enhancing food security in a changing Guyana Professor Pat Francis, Director, University of Guyana Institute of Research Innovation, and Entrepreneurship
10:55 HRS	QUESTIONS AND ANSWERS SESSION
11:00 HRS	Comparative study on the effects of vermicompost and chemical fertilizer on the production and economics of eggplant (Solanum melongena) Sushmita Kalika-Singh
11:15 HRS	Site-specific Nutrient Formulation for Guyana's Rice Farms Valmiki Bankay
11:30 HRS	Climate Change Impacts on Cassava Production in the Hinterlands of Guyana: A Preliminary Report Reuben Robertson
11:45 HRS	Prospects of Agri-Tourism in Ludhiana District of Punjab State Bissessar Persaud
12:00 HRS	QUESTIONS AND ANSWERS SESSION
12:10 HRS	LUNCH AND ENTERTAINMENT (LIBRARY & ART EXHIBITION)
12:40 HRS	Efficacy of Moringa oleifera Leaf Meal in Ameliorating Coccidial Burden in Broilers Randy Domer
12:55 HRS	Cassareep: The Potential 'Cash Cow' for Indigenous Peoples of Guyana Reuben Robertson
13:10 HRS	Climate Variation and Global Rice Production Masha Joseph
13:25 HRS	QUESTIONS AND ANSWERS SESSION

**DAY 2:
OCT 6**

UNIVERSITY OF GUYANA SCHOOL OF GRADUATE STUDIES AND RESEARCH

2ND ANNUAL GRADUATE RESEARCH SYMPOSIUM

09:00 HRS **WELCOME BY CHAIRPERSON**
Professor Gomathinayagam Subramanian, Chair,
Academic Sub-Committee

PANEL 2: ENVIRONMENTAL MANAGEMENT, BIODIVERSITY AND ECOSYSTEM SERVICES I

Moderator: Dr Elroy Charles
Rapporteur: Dr. Sirpaul Jaikishun

09:05 HRS **INTRODUCTION TO PANEL, KEYNOTE SPEAKER AND
OTHER PANELISTS**

KEYNOTE ADDRESS

09:10 HRS **Environmental Management, Biodiversity and Ecosystem
Services in Guyana**
Professor Raymond Jagessar, Faculty of Natural Sciences,
University of Guyana

09:30 HRS **QUESTIONS AND ANSWERS SESSION**

09:35 HRS **A comparative study of Natural, Degraded and restored
Mangrove Ecosystems in Guyana**
Sabrina Dookie

09:50 HRS **Vertical Stratification of Chiropterans in Dakama Forest and
Examination of Edge-Interior Habitats in Guyana**
Anita Ramlochan

10:05 HRS **The reproductive phenology of two mangrove species
Rhizophora mangle and Avicennia germinans in
Demerara, Guyana**
Seraita Moseley

10:20 HRS **Using vegetative propagation to produce seedlings for
large-scale mangrove reforestation projects in Guyana**
Seon Hamer

10:35 HRS **QUESTIONS AND ANSWERS SESSION**

PANEL 3: ENVIRONMENTAL MANAGEMENT, BIODIVERSITY AND ECOSYSTEM SERVICES II

Moderator: Dr Elroy Charles
Rapporteur: Dr. Sirpaul Jaikishun

10:40 HRS **INTRODUCTION TO PANEL, KEYNOTE SPEAKER AND
OTHER PANELISTS**

KEYNOTE ADDRESS

10:45 HRS **Pursuing an evidence-based agenda for better resource
management – the Case for Small States**
Dr. Mark Bynoe, Assistant Executive Director, Caribbean
Community Climate Change Centre, Belize

11:05 HRS **QUESTIONS AND ANSWERS SESSION**

11:10 HRS **The effects of Lemnar minor supplementation on the biogas
production from plantain peels**
Simeon Gurdayal

11:25 HRS **Indigenous farmers' knowledge about Cassava Biodiversity in
the Hinterlands of Guyana**
Reuben Robertson

11:40 HRS **Species trait–environmental relationships in tropical
freshwater fish assemblages of the Mazaruni river, Guyana**
Elford Liverpool

11:55 HRS **Effects of the Road Edge Habitats in a Gold Mining Area on
the Composition of Understory Bird Community**
Jewel Liddell

12:10 HRS **QUESTIONS AND ANSWERS SESSION**

12:20 HRS **LUNCH AND ENTERTAINMENT (GRADUATE PROGRAMMES)**

2ND ANNUAL GRADUATE RESEARCH SYMPOSIUM

PANEL 4: PUBLIC HEALTH AND EQUITABLE HUMAN DEVELOPMENT

Moderator: Dr. Cecil Boston
Rapporteur: Dr. Maritza Perez

13:00 HRS **INTRODUCTION TO PANEL, KEYNOTE SPEAKER AND OTHER PANELISTS**

KEYNOTE ADDRESS

13:05 HRS **Public Health and Equitable Human Health Development in Guyana**
Professor Emeritus Jaipaul Singh, University of Central Lancashire, England

13:25 HRS **QUESTIONS AND ANSWERS SESSION**

13:30 HRS **A description of the Nature of the United Nations Communication for Sustainable Development Goals (SDGs) in Guyana from 2015 to 2021**
Yolanda Ward

13:45 HRS **The effects of the transport network and connectivity in enabling sustainable livelihood in Bartica, Guyana**
Fabion Jerrick

14:00 HRS **The Emergence, the Challenges and Opportunities for Revitalization of Informal Settlements in Georgetown, Guyana**
Shundell Durant

14:15 HRS **Dark Secretes behind Light Shade: The Skin Bleaching Phenomenon in Guyana**
Shonique Bristow

14:30 HRS **QUESTIONS AND ANSWERS SESSION**

POSTER SESSION

Moderator: Ms. Debbie Hopkinson

14:40 HRS **Integrated Use of Bio-Inoculants and Biochar as a Strategy for Improving Crop Production on Marginal Soils: A Review**
Tracy Persaud

14:45 HRS **Survey and investigation of potato viral diseases in Three regions of Guyana using reverse Transcriptase-Polymerase Chain Reaction**
Shermaine Critchlow

14:50 HRS **Restoration of Forested Lands under Bauxite Mining with emphasis on Guyana during the First Two Decades of the XXI Century: A Review**
Susy Lewis

14:55 HRS **The influence of Eco-physiological and Biogeochemical Processes on Mangrove Ecosystem Dynamics: A Review**
Sabrina Dookie

15:00 HRS **Reconstructing Holocene Coastal Adaptation: An Evaluation of Environment, Diet and Sedentism from archaeological shell midden record along Guyana's Northwestern Coast**
Louisa Dagers

15:05 HRS **Physio-biochemical outcomes of plant use versus conventional therapy in hypertensive patients in four selected clinics in Georgetown, Guyana**
Kalima Thompson

15:10 HRS **Adjusting to Online Education Delivery during the COVID-19 Pandemic within Nursery Schools in Guyana**
Pavini Basdeo

15:15 HRS **An Exploration of Early Childhood Teachers' Experiences with Implementing Emergency Remote Education in Region 5, Guyana**
Latchme Sharma

15:20 HRS **QUESTIONS AND ANSWERS SESSION**

**DAY 3:
OCT 7**

UNIVERSITY OF GUYANA SCHOOL OF GRADUATE STUDIES AND RESEARCH

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09:00 HRS **WELCOME BY CHAIRPERSON**
Professor Gomathinayagam Subramanian, Chair,
Academic Sub-Committee

PANEL 5: MIGRATION, VIOLENCE, SUICIDE, POVERTY AND RESILIENCE

Moderator: Dr. Paulette Henry
Rapporteur: Ms. Debbie Hopkinson

09:05 HRS **INTRODUCTION TO PANEL, KEYNOTE SPEAKER AND
OTHER PANELISTS**

KEYNOTE ADDRESS

09:10 HRS **'Touch One, Touch All': Making Connections Across Violence**
Professor Alissa Trotz, Director, Women and Gender Studies,
University of Toronto, Canada

09:30 HRS **QUESTIONS AND ANSWERS SESSION**

09:35 HRS **Underdevelopment in Urban Communities in Guyana: The
Albouystown, Georgetown Experience**
Sherry Jerrick

09:50 HRS **How does the phenomenon of absentee fathers (affect) the
social and cultural behaviours of their older teenage children**
Juanita France

10:05 HRS **An Investigation into Children's Reintegration with their
Families and Lack of Permanency Plans for Children in
Private Residential Care Institutions**
Poshia Bryan

10:20 HRS **The Barriers to Positive Help-Seeking Behaviours of LGBTQ
Victims of Domestic Violence (DV) and Intimate Partner
Violence (IPV)**
Sandra Thompson

10:35 HRS **Experiences of Online Learning during the COVID-19
Pandemic, Perspectives of Grade Nine Secondary School
Students in Georgetown**
Briana Michael

10:50 HRS **Adolescents' Experiences of Accessing Mental Health
Services at Georgetown Public Hospital:
An Explanatory Study**
Cilandell Glen

11:05 HRS **QUESTIONS AND ANSWERS SESSION**

PANEL 6: EDUCATION FOR SUSTAINABLE DEVELOPMENT IN THE 21ST CENTURY

Moderator: Dr. Roslin Khan
Rapporteur: Dr. Leyland Thompson

11:10 HRS **INTRODUCTION TO PANEL, KEYNOTE SPEAKER AND
OTHER PANELISTS**

KEYNOTE ADDRESS

11:15 HRS **Addressing the Sustainable Development Issues for
Education Sustainable Development in Resource-Rich
Developing Countries**
Emeritus Professor Stafford Griffith, Department of
Foundation and Education Management, Faculty of Education
and Humanities, University of Guyana

11:35 HRS **QUESTIONS AND ANSWERS SESSION**

11:40 HRS **Education for Sustainable Development, Curriculum Reform
and Implications for Teacher Education in a Small Island
Developing State**
Keriffe Clark

11:55 HRS **The perspective of lecturers at the University regarding the
new online learning environment implemented through the
Covid-19 pandemic**
Andrew Hutson

12:05 HRS **QUESTIONS AND ANSWERS SESSION**

2ND ANNUAL GRADUATE RESEARCH SYMPOSIUM

12:25 HRS

LUNCH AND ENTERTAINMENT

12:50 HRS

A Case Study Exploration of Perceptions, Practices, Expectations and Experiences in a Teacher Education Institution
Keriffe Clark

13:05 HRS

QUESTIONS AND ANSWERS SESSION

PANEL 7: 5 MINUTES COMPETITION

Moderator: Dr. Carolyn Walcott
Rapporteur: Dr. Mishel Moriah

13:10 HRS

INTRODUCTION TO AND OVERVIEW OF THE 5-MINUTES COMPETITION

13:15 HRS

Reduced Impact Logging (RIL) on community changes of bird and bat populations in the Iwokrama Rainforest
Arianne Harris

13:20 HRS

The Impact of Instructional Supervision on Pupils' Performance at the National Grade Six Assessment in four Public Primary Schools on the East Coast Demerara
Hazel Pyle-Lewis

13:25 HRS

RESPONSE TO THE 5-M COMPETITION

13:30 HRS

CLOSING REMARKS AND SUMMARY

Dr. Paulette Bynoe, Chair, Symposium Planning Committee

13:35 HRS

CULTURAL 'EDUTAINMENT'

Young Bill Rogers

13:40 HRS

AWARD OF PRIZES

Professor Emanuel Cummings, Deputy Vice-Chancellor, Academic Engagement

13:50 HRS

VOTE OF THANKS