

# CARIBBEAN ACADEMY OF SCIENCES

Newsletter

Volume 5 Issue 1

August 15, 2022



Antigua



Barbados



Guyana



Jamaica



Trinidad



Guadeloupe



Windmill - Antigua

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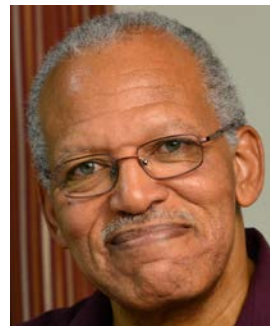
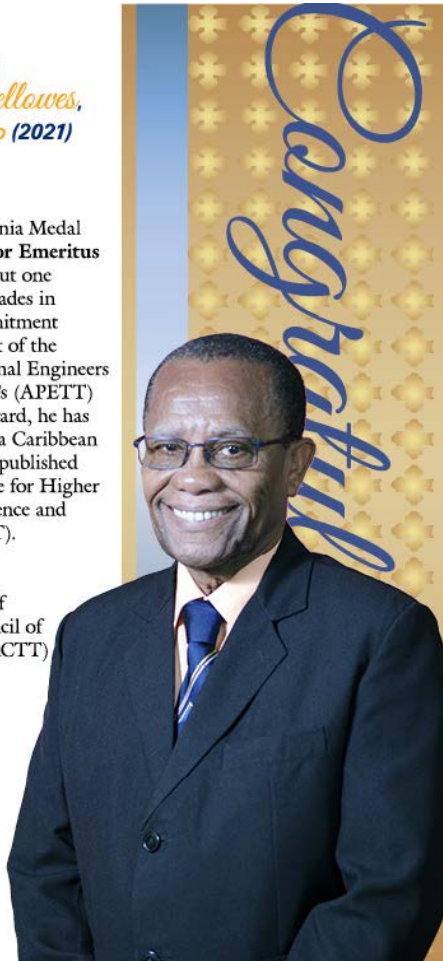
## Spotlight

### **Professor Emeritus Winston Mellowes and Professor Emeritus Stephan Gift received the prestigious Chaconia Medal Gold**

**Professor Emeritus**  
*Winston Mellowes,*  
**CHACONIA MEDAL GOLD (2021)**  
**RECIPIENT**

The award of the Chaconia Medal Gold (2021) to **Professor Emeritus Winston Mellowes** is but one of many deserving accolades in recognition of his commitment to education. A recipient of the Association of Professional Engineers of Trinidad and Tobago's (APETT) Career of Excellence Award, he has also been recognised as a Caribbean Icon in Engineering, as published by the National Institute for Higher Education Research Science and Technology (NIHERST).

The Board of Directors, management and staff of The Accreditation Council of Trinidad and Tobago (ACTT) heartily congratulate Professor Emeritus Winston Mellowes on this noteworthy national achievement.



Professor Emeritus Stephan Gift received the Chaconia Medal Gold, the second highest national award of the Republic of Trinidad and Tobago for his long and meritorious service in the spheres of Electrical Engineering and Engineering Science.

## International Science Council (ISC) establishes Liaison Committee for Latin America and the Caribbean

The ISC's Liaison Committee for Latin America and the Caribbean will guide the activities of the Regional Focal Point to ensure that scientists and scientific institutions working in the region are actively engaged in the ISC's global activities and in the ISC's affiliated bodies and other networks.

The regional focal point is crucial to ensuring that the work of the ISC is representative of scientists from across the world, and of the concerns of different regions. Through supporting and promoting the integration of regional communities and capacities within the ISC network, the focal point works to ensure that ISC activities can benefit the Latin America and Caribbean region.

The Caribbean Academy of Sciences is a member of the ISC and will forge collaborations with this committee to advance its work for English speaking Caribbean territories.



Source: [https://twitter.com/ISC\\_LAC/status/1553083466614538241](https://twitter.com/ISC_LAC/status/1553083466614538241)

## Call for New Members



**GLOBAL  
YOUNG  
ACADEMY**

The Global Young Academy has an open call for new members. The submission deadline is before **September 15, 2022, 18:00 (6:00 pm) UTC**. Applications are sought from young, independent scholars who combine the highest level of research excellence with a demonstrated passion for delivering impact. The Global Young Academy (GYA) encourages women and applicants from different minority groups, and from diverse disciplines including the natural, physical and social sciences as well as the arts and humanities and people working in government, industry, and non-governmental sectors to apply.

**Research:** The call is open to all scholars working in any research-based discipline, including the natural, physical and social sciences, as well as the arts and humanities.

**Excellence:** Applicants must be able to demonstrate a high level of excellence in their discipline, ascertained by a proven track record and expected future achievements. Moreover, applicants must demonstrate a clear commitment to making a difference in society. PhD or equivalent is a requirement for applicants.

**Impact:** The Global Young Academy is committed to a broad range of programmes around the world to support young scholars, promote science to a broad audience, engage in policy debate, and foster international and interdisciplinary collaboration. Applicants should provide evidence of interest or experience in one or more of these areas.

**Age/career point:** Applicants should be in the early to middle years of their independent careers, i.e. approximately 7 years from PhD and aged 30-40. Applicants falling outside these ranges are still invited to send their applications with a justification for why they should be considered.

**Expectations:** Each GYA member is expected to attend the GYA Annual General Meeting each year and is also expected to actively contribute to one or more of the organisation's programmes, which include participation in policy development, promotion of National Young Academies, supporting science outreach and education at the national and international levels, and the young scientist ambassador programme. The GYA is an active organisation, and being a member requires a time commitment on each member's part. In the event that applicants are selected as new GYA members, they should be available to attend the next **Annual General Meeting**, which is scheduled for **5 June – 9 June 2023** in Rwanda.

For more information on the application process refer to <https://globalyoungacademy.net/call-for-new-members/>

The Caribbean Academy of Sciences Trinidad & Tobago Chapter (CAS-TT) has cordially invited you to the following Webinar.

Join Zoom Meeting: <https://sta-uwu-edu.zoom.us/j/93339614746?pwd=TEMvMHU3RVRBcnJobmdTRmFKUGdhQT09>

### The Caribbean Academy of Sciences – Trinidad and Tobago Chapter



c/o Room 1 East, Block 13, Faculty of Engineering, The University of the West Indies, St. Augustine Campus, Trinidad and Tobago

#### Webinar Flyer

**Saturday 27 August 2022, 2:00-2:40 pm at 2:00pm (via Zoom)**

Join Zoom Meeting

<https://sta-uwu-edu.zoom.us/j/93339614746?pwd=TEMvMHU3RVRBcnJobmdTRmFKUGdhQT09>

**Topic:** "An Historical, Biographical, Social and Disciplinary Account of the Contribution to Agriculture Teaching and Research of ICTA-UCWI and UWI, 1921 to 2021"

by: **Professor Gary Wayne Garcia**



**Professor Garcia** obtained both his BSc and PhD degrees at The UWI. He is presently a Retired Professor of Livestock Science, Department of Food Production, Faculty of Food and Agriculture, UWI, St Augustine, Trinidad and Tobago. His academic journey started from the 1990s with his development and team research in Neo-tropical Animal Conservation, Management, Production and Utilisation in the Caribbean. He pioneered Neo Tropical Animal Science studies and teaching, and contributed to the development of the Open Tropical Forage-Animal Production Laboratory (OTF-APL), The Open School of Tropical Animal Science and Production (OSTAS&P). Professor Garcia has published over 60 articles and research in scientific journals.

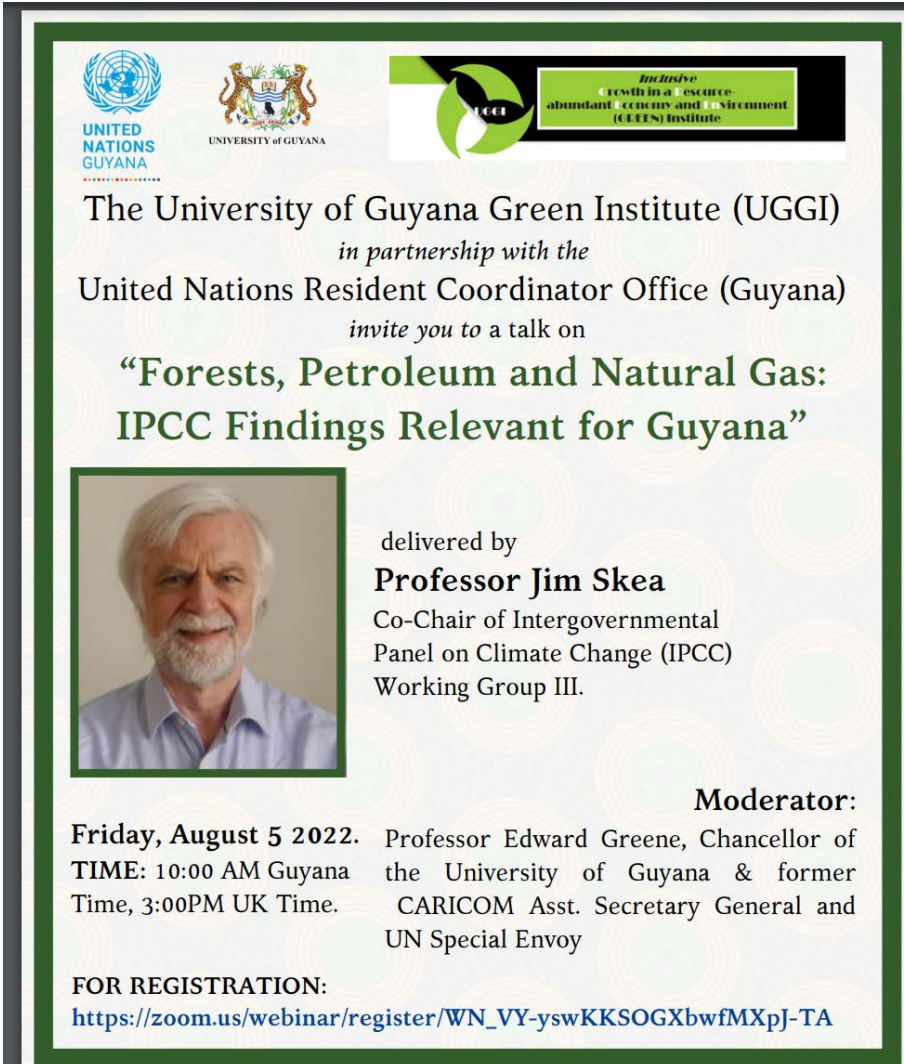
#### Highlights of the Presentation:

The University College of the West Indies (UCWI) at Mona, Jamaica, was linked to the University of London. The UCWI did not become an independent University, The University of the West Indies (UWI), until 1962. In 1960, the Imperial College of Tropical Agriculture (ICTA) campus at St Augustine became the UCWI with the formation of the Faculties of Agriculture, Arts, Social Sciences, Natural Sciences and Engineering. This talk will show a sharpened account of the 100 years of teaching and research of the ICTA-UWI Agriculture at St Augustine, Trinidad, Trinidad and Tobago.


The presentation will cover:

- (1) the evolution of the ICTA towards the University College of the West Indies (UCWI) and the University of the West Indies (UWI);
- (2) the institution's contribution to the Caribbean and World Agriculture;
- (3) the scientists' contributions towards the different agricultural disciplines, and
- (4) the contributions made by ICTA-UCWI-UWI to the developing society of Trinidad and Tobago from an historical, political and socio-economic perspective.

## Climate Change in Focus



The University of Guyana Green Institute (UGGI)  
*in partnership with the*  
United Nations Resident Coordinator Office (Guyana)  
*invite you to a talk on*  
**“Forests, Petroleum and Natural Gas:  
IPCC Findings Relevant for Guyana”**



delivered by  
**Professor Jim Skea**  
Co-Chair of Intergovernmental  
Panel on Climate Change (IPCC)  
Working Group III.

**Moderator:**  
Professor Edward Greene, Chancellor of  
the University of Guyana & former  
CARICOM Asst. Secretary General and  
UN Special Envoy

**Friday, August 5 2022.**  
**TIME:** 10:00 AM Guyana  
Time, 3:00PM UK Time.

**FOR REGISTRATION:**  
[https://zoom.us/webinar/register/WN\\_VY-yswKKSOGXbwfMXpJ-TA](https://zoom.us/webinar/register/WN_VY-yswKKSOGXbwfMXpJ-TA)

Dr. Anna Perreira, Vice President of the Caribbean Academy of Sciences Guyana Chapter, organized a webinar hosted by the University of Guyana’s Green Institute which targeted policy makers, academics and other key stakeholders from Guyana and the Caribbean. This webinar discussed the triple planetary crises of climate change, biodiversity loss and pollution. This webinar was sponsored by the Guyana UN-RCO.

**Green and Inclusive Recovery of the Amazon**



The Amazon is one of the regions most affected by the COVID-19 crisis and has also long been approaching a tipping point of no return. The region’s ecosystem services are threatened, which could lead to major humanitarian and environmental crises, including future pandemics and catastrophic global climate change impacts.

The United Nations Sustainable Development Solutions Network (SDSN), on July 7, 2022, held an official UN HLPF event titled “A Green and Inclusive Recovery in the Amazon”. SPA authors André Baniwa, Liliana Dávalos, Andrés Lescano, and SPA Co-Chair Carlos Nobre presented their perspectives on the link between deforestation and disease, the risks of future pandemics in the Amazon, and the impact that the COVID-19 pandemic had on the Amazon.

The event poster is set against a background of a dense green forest. At the top right, there is a logo for "THE AMAZON WE WANT" with the subtitle "Science Panel for the Amazon". On the left side, there is a QR code. The main title "A Green and Inclusive Recovery for the Amazon" is centered in large, bold, black font. Below the title, a calendar icon is followed by the text "July 7th, 2022 • 1:00–2:30 EST". At the bottom, there are four circular headshots of the speakers, each with their name and affiliation listed below: André Baniwa (Vice President of OIBI), Liliana Dávalos (Stony Brook University), Andrés Lescano (Universidad Peruana Cayetano Heredia), and Carlos Nobre (SPA Co-Chair). The SDSN logo is also present in the bottom right corner of the poster.

Watch it on [our youtube channel](#).

## Reminders:

### Membership Fees

Please remember to pay your membership fees to the local chapter to which you are affiliated by December 31, 2022. If you need assistance, please contact your local Chapter Executive.

### Newsletter

Please submit articles, announcements, and other science related matters that you wish to publish in the newsletter.

## Guidelines for Submission of Articles for CAS Newsletter

1. Articles should not exceed 1000 words (1 ½ pages)
2. Images should be submitted as separate files

Articles should be submitted to:

[casexecutive2021@gmail.com](mailto:casexecutive2021@gmail.com)

If you have questions, please reach out to us.

### Call for the design and facilitation of short courses:

- Cybersecurity
- Statistics
- Renewable Energy
- Effects of COVID-19 on the Caribbean's education system

Please send your submission of interest to [casexecutive2021@gmail.com](mailto:casexecutive2021@gmail.com) no later than September 20, 2022

#### CAS Executive Committee

**President:** Prof. Raymond Jagessar

**Treasurer:** Prof. Neela Badrie

**Secretary:** Petal Punalall Jetoo

**Foreign Secretary:** Prof. Emeritus Winston Mellows

**Public Relations Officer:** Dr. Mark Wuddivira