



DEPARTMENT OF **Chemistry**

BACHELOR OF SCIENCE PROGRAMMES

- Applied Chemistry
- Chemistry and Management
- Chemistry with Education
- Environmental Chemistry
- Food Chemistry
- General Chemistry
- Occupational and Environmental Safety and Health
- Special Chemistry

CAREERS IN CHEMISTRY

- Environmental Chemist
- Development Chemist
- Food Technologist
- Organic Chemist
- Quality Manager
- Toxicologist - Lecturer - Teacher



Charah T. Watson, PhD


Executive Director
Scientific Research Council (SRC)
FST Alumnus

Contact Us :

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www.mona.uwi.edu/chemistry/ 

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DEPARTMENT OF Chemistry

MASTER OF SCIENCE PROGRAMMES

- Food and Agro-Processing Technology (FAPT)
- Occupational and Environmental Safety and Health (OESH)

Peter Nelson, PhD

Senior Lecturer, Department of Chemistry
The UWI Mona
Young Scientist/Technologist Awardee(2022)
FST Alumnus

CAREERS IN CHEMISTRY


- Analytical Chemist
- Chemical Engineer
- Forensic Scientist - Lecturer
- Food Technologist - Pharmacologist
- Professional Chemist - Teacher
- Research Analyst - Researcher

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DEPARTMENT OF **Computing**

BACHELOR OF SCIENCE PROGRAMMES

- Computer Science
- Computer Studies
- Computer Systems Engineering
- Information Technology
- Software Engineering
- Software Engineering [Mobile Application Technologies]

CAREERS IN COMPUTING

- Computer Analyst
- Computer Systems Engineer
- Database Administrator
- Data Scientist/Architect
- Network Security Specialist
- Software Developer/Engineer



Danielle Mullings

Impact & Partnerships Officer
Transform Health
Class Valedictorian (2022), FST Alumnus

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DEPARTMENT OF Geography & Geology

BACHELOR OF SCIENCE PROGRAMMES

- Applied Geography
- Geography
- Geology
- Geosciences

CAREERS IN GEOGRAPHY & GEOLOGY

- Environmental Geologist
- Geoscientist - Cartographer
- Hydrogeologist - Meteorologist
- Legal/Forensic Geologist
- Volcanologist - Climatologist



Jevan Howard

Geographical Information
Systems Assistant
Caribbean Institute of Meteorology & Hydrology
FST Alumnus

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www.mona.uwi.edu/dogg/ 

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DEPARTMENT OF Geography & Geology

RESEARCH DEGREES: MPhil PROGRAMMES

- Geography
- Geography Education
- Social Studies

Key Abbreviations:
MPhil - Master of Philosophy

Senator the Hon. Dr. Joyelle Clarke

Ministries of Sustainable Development,
Environment, Climate Action &
Constituency Empowerment
Fst Alumni, St Kitts & Nevis

CAREERS IN GEOGRAPHY & GEOLOGY

- Computer Mapping Specialist
- Geographical Information
Systems Officer/Analyst
- Teacher - Lecturer - Researcher
- Urban and Regional Planner

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DEPARTMENT OF **Life Sciences**

BACHELOR OF SCIENCE PROGRAMMES

- Animal Biology
- Biology with Education
- Coastal Ecosystems
- Environmental Biology
- Experimental Biology
- Horticulture
- Marine Biology
- Plant Biology
- Terrestrial & Freshwater Ecology

CAREERS IN LIFE SCIENCES

- Bioinformatics Analyst
- Entomologist - Ecologist
- Environmental/Coastal Assessor
- Forensic Botanist - Marine Biologist
- Genetic Counselors - Entomologist
- Zoology and Wild Life Specialist

Contact Us :

Zahra H. Oliphant, PhD.

Principal Director
Fisheries Compliance Licensing and
Statistics
National Fisheries Authority
FST Alumnus

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www.mona.uwi.edu/lifesciences/ 

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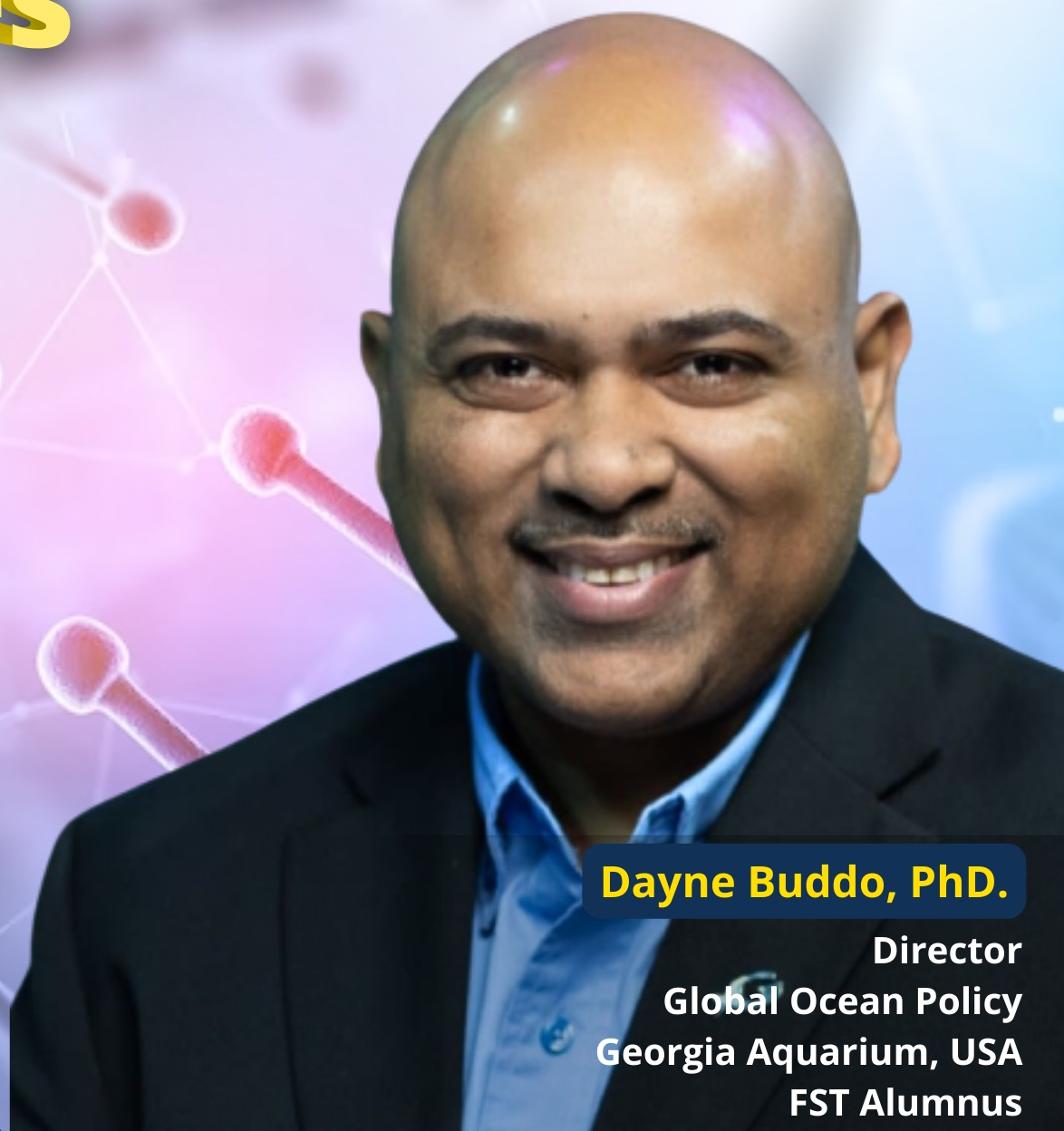

DEPARTMENT OF **Life Sciences**

MASTER OF SCIENCE PROGRAMMES

- Agricultural Entrepreneurship
- Marine and Terrestrial Ecosystems

CAREERS IN LIFE SCIENCES

- Biomedical Engineers
- Forensic Entomologist
- Medicinal Botanist
- Plant Pathologist - Mycologist
- Post-Harvest Technologist
- Soil Scientist - Conservation Biologist



Dayne Buddo, PhD.

Director
Global Ocean Policy
Georgia Aquarium, USA
FST Alumnus

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DEPARTMENT OF Mathematics

BACHELOR OF SCIENCE PROGRAMMES

- Actuarial Sciences
- Mathematics
- Mathematics and Economics
- Mathematics & Education Studies
- Mathematics of Finance
- Mathematics with Modelling Processes
- Statistical Science

CAREERS IN MATHEMATICS

- Actuary - Cryptographer
- Banker - Financial Analyst
- Computer Programmer
- Operations Research Analyst
- Statistician - Technical Publisher
- Teacher - Lecturer - Researcher



Timar Jackson



Investment Banker
National Commercial Bank
Rhodes Scholar(2014), FST Alumnus

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www.mona.uwi.edu/mathematics/ 

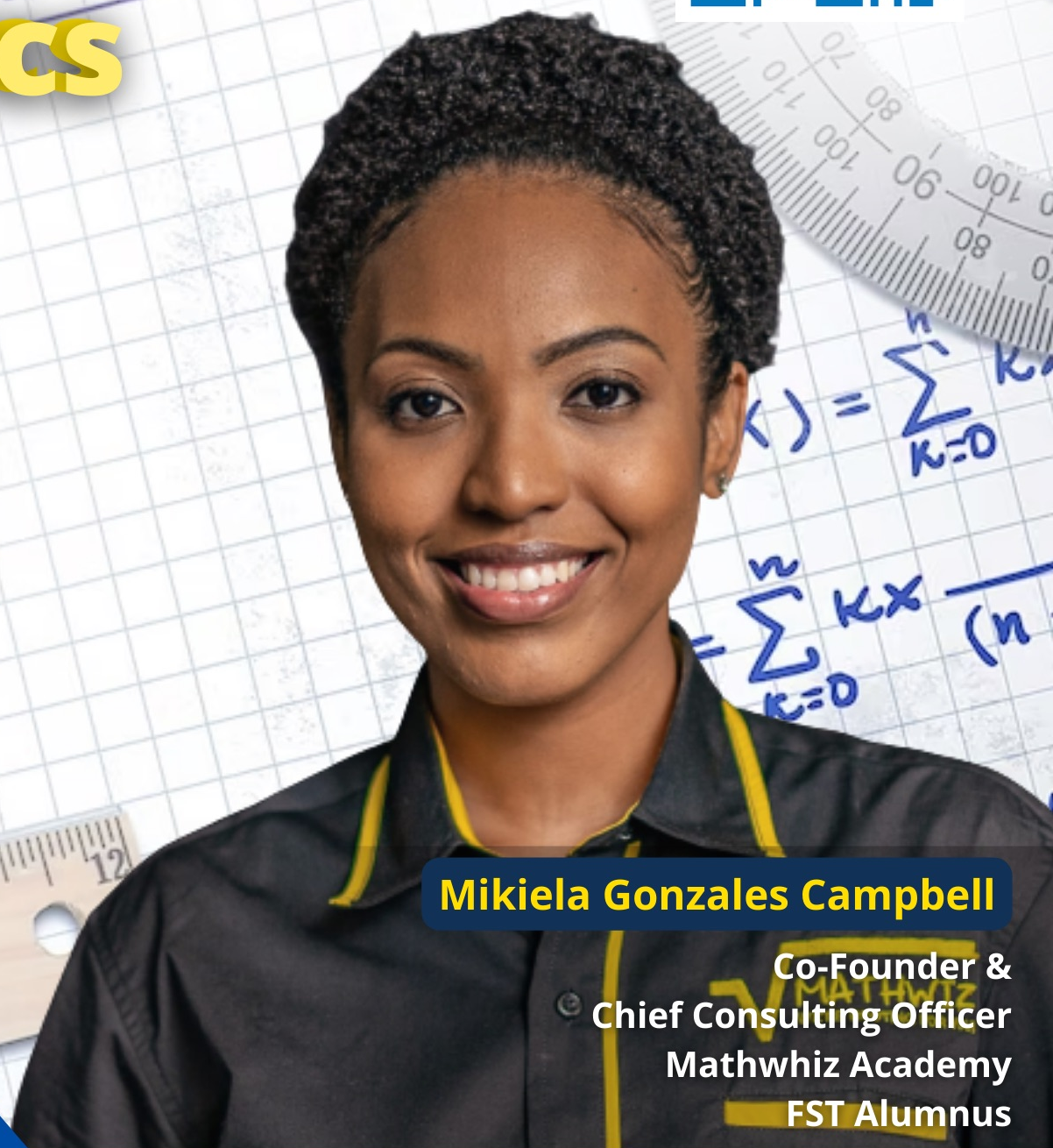
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DEPARTMENT OF Mathematics

MASTER OF SCIENCE PROGRAMMES

- Enterprise Risk Management
- Mathematics



Mikiela Gonzales Campbell

Co-Founder &
Chief Consulting Officer
Mathwhiz Academy
FST Alumnus

CAREERS IN MATHEMATICS

- Actuary - Cryptographer
- Financial Consultant
- Mathematical Modeler
- Operations Research Analyst
- Mathematician - Technical Publisher
- Teacher - Lecturer - Researcher

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DEPARTMENT OF **Physics**

BACHELOR OF SCIENCE PROGRAMMES

- Biomedical Instrumentation
- Biomedical Radiation Science
- Climate Science and Electronic Systems
- Electronics
- Electronics and Alternative Energy Systems
- Electronics and Computer Science

CAREERS IN PHYSICS

- Audit Engineer
- Climatologist
- Energy Conservation Consultant
- Medical Physicist
- Systems Specialist
- Teacher- Lecturer - Researcher



Adrian Dunkley

President, Jamaica Technology & Digital Alliance
Founder & CEO, StarApple AI
Jamaica's First AI Company
FST Alumnus

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DEPARTMENT OF **Physics**

BACHELOR OF SCIENCE PROGRAMMES

- Energy & Environmental Physics
- General Physics
- Materials Science
- Medical Physics
- Physics with Education



Adrian Dunkley

President, Jamaica Technology & Digital Alliance
Founder & CEO, StarApple AI
Jamaica's First AI Company
FST Alumni

CAREERS IN PHYSICS



- Audit Engineer
- Climatologist
- Energy Conservation Consultant
- Medical Physicist
- Systems Specialist
- Teacher- Lecturer - Researcher

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DEPARTMENT OF **Physics**

MASTER OF SCIENCE PROGRAMMES

- Advanced Electronic Systems
- Medical Physics
- Renewable Energy Management
- Renewable Energy Technology

CAREERS IN PHYSICS

- Electrical Engineer
- Electronics Engineer
- Instrumentation Specialist
- Materials Scientist
- System's Developer
- Teacher - Lecturer - Researcher

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Cherri-Ann Farquharson
Capacity Development and Gender Expert
Caribbean Centre for Renewable
Energy and Energy Efficiency
FST Alumnus