



THE UNIVERSITY OF THE WEST INDIES  
MONA CAMPUS, JAMAICA

FACULTY OF SCIENCE & TECHNOLOGY

*Annual Faculty*  
**AWARDS**  
*Ceremony*  
*Recognizing  
Academic Excellence*

*Tuesday, March 26, 2019*

*The Mona Visitors' Lodge  
& Conference Centre*



## **The University of the West Indies**

**An Institution of Growth ...  
An Instrument of Development ...  
Serving the Commonwealth Caribbean**



*Oriens Ex Occidente Lux*

*A Light Rising from the West*

## *Message* to the Awardees



*It is with great pleasure that I extend congratulations to this year's Faculty of Science and Technology awardees. Indeed, this is a proud moment for us, as this ceremony highlights the excellent output of our students and staff for the year 2017/2018. For us, this ceremony and the over 200 awards that will be distributed, demonstrate that our efforts to inspire creativity, innovation and success, as well as to impart the highest quality education in the field of Science and Technology are paying off.*

*To our current students, I urge you to continue striving for excellence, and to maintain the high academic profile that has brought you this far. To our graduates, I implore you to foster lasting relationships with the Faculty even as you embark on your journey as a trail blazer. To our researchers, I encourage you to continue to produce ground-breaking research that has worldwide impact and which makes a difference. To our staff members, continue to impress all who interact with you through your commitment, diligence and hard work. To all awardees, know that we consider you an integral part of the FST family.*

*The Faculty is very proud of the achievements of all its awardees.*

*Best wishes in your future endeavours.*

*Michael Taylor, PhD  
Professor of Applied Physics (Climate Science) &  
Dean, Faculty of Science and Technology*

# Programme

## CHAIRMAN'S OPENING REMARKS

*Prof. Mona Webber*  
*Deputy Dean*  
*Faculty of Science and Technology*

## WELCOME AND REMARKS

*Prof. Michael Taylor*  
*Dean*  
*Faculty of Science and Technology*

## MUSICAL RENDITION

## INTRODUCTION OF KEYNOTE SPEAKER

*Dr. Gunjan Mansingh*  
*Head*  
*Department of Computing*

## KEYNOTE SPEAKER

*Mr. Nikhil Asnani, FSA FRM*  
*Assistant Vice President (Actuarial)*  
*Guardian Life Limited*

# Presentation of Awards

## DEPARTMENTAL PRIZES

### Announcement of Awardees

*Mrs. Tracia Johnson-Blair*  
*Senior Administrative Assistant*  
*Department of Chemistry*

### Presenter of Awards

*Dr. Roy Porter*  
*Head*  
*Department of Chemistry*

### Announcement of Awardees

*Mrs. Fiona Porter-Lawson*  
*Administrative Assistant*  
*Department of Computing*

### Presenter of Awards

*Dr. Gunjan Mansingh*  
*Head*  
*Department of Computing*

### Announcement of Awardees

*Ms. Denese Francis*  
*Administrative Assistant*  
*Department of Geography and Geology*

### Presenter of Awards

*Prof. Simon Mitchell*  
*Head*  
*Department of Geography and Geology*

**Announcement of Awardees**

*Mrs. Debbie-Ann Brown  
Senior Secretary  
Department of Life Sciences*

**Presenter of Awards**

*Dr. Dwight Robinson  
Head  
Department of Life Sciences*

**Announcement of Awardees**

*Mrs. Orinthia Fisher-Howe  
Senior Administrative Assistant  
Department of Mathematics*

**Presenter of Awards**

*Dr. Nagarani Ponakala  
Head  
Department of Mathematics*

**Announcement of Awardees**

*Mrs. Rosalene Simmonds  
Senior Administrative Assistant  
Department of Physics*

**Presenter of Awards**

*Dr. Tannecia Stephenson  
Head  
Department of Physics*

**FOUNDATION COURSE PRIZE (FOUN1201)**

**Announcement of Awardees**

*Mr. Jayaka Campbell  
Adjunct Lecturer  
Department of Physics*

**Presenter of Awards**

*Dr. Sylvia Mitchell  
Senior Lecturer  
Biotechnology Centre*

**COMMENDATIONS, DEAN'S HONOUR ROLL &  
BSc. FIRST CLASS HONOURS**

**Announcement of Awardees**

*Dr. Eric Hyslop  
Associate Dean (Undergraduate Studies)  
Faculty of Science and Technology*

**Presenter of Awards**

*Prof. Michael Taylor  
Dean  
Faculty of Science and Technology*

**GRADUATE AWARDS**

**Announcement of Awardees**

*Dr. Nordia Thomas  
Graduate Coordinator  
Department of Mathematics*

**Presenter of Awards**

*Prof. Marcia Roye  
Associate Dean (Graduate Studies and Research)  
Faculty of Science and Technology*

**SPECIAL AWARDS**

**Announcement of Awardees**

*Dr. Peter Nelson*  
*Lecturer*  
*Department of Chemistry*

**Presenter of Awards**

*Mr. Nikhil Asnani, FSA FRM*  
*Manager*  
*Guardian Life Limited*

**PRINCIPAL'S RESEARCH DAY AWARDEES**

**Announcement of Awardees**

*Dr. Tanya Kerr*  
*Lecturer*  
*Department of Physics*

**Presentation of Awards**

*Prof. Mona Webber*  
*Deputy Dean*  
*Faculty of Science and Technology*

**REPLY ON BEHALF OF THE AWARDEES**

*Mr. Stephan Pitterson*  
*Undergraduate Student*  
*Faculty of Science and Technology*

**PRESENTATION TO KEYNOTE SPEAKER**

*Ms. Tamera Little*  
*Graduate Student*  
*Faculty of Science and Technology*

**PERFORMANCE**

**VOTE OF THANKS**

*Ms. Antoinette Thompson*  
*Graduate Student*  
*Faculty of Science and Technology*

*Musical Interlude and Refreshment*

**DEPARTMENTAL & FACULTY PRIZES****DEPARTMENT OF CHEMISTRY**

BARNETT, Sarah Elizabeth	The L.J. Haynes Award
BROWN, Anthony Linton	The Chemistry Department Prize
BUCHANAN, Wilbert William	The Kenneth Magnus Prize for Applied Chemistry
HOSSACK, Christopher Hugh	The Cedric Hassall Scholarship
MCKENZIE, Rochelle Antonia	The Pavelich-Honkan Prize
REID, Colleen Denique	The Wilfred Chan Award
ROACH, Annekie Anna-kay	The Willard Pinnock Award
TAYLOR, Odesha O.	The Garfield Sadler Award

**DEPARTMENT OF COMPUTING**

DONALD, Luke Angelo	Karl Robinson Award
BLACKBURN, David Jerome Wollesley	NCB Best Information Technology Award (Level II)
CHRISTIE, Nathaniel Mike-Anthony	NCB Best Computer Science/ Software Engineering Award (Level II)

**DEPARTMENT OF GEOGRAPHY AND GEOLOGY**

CALLENDER, Akil Arnold	Raymond Wright Award for Best Geology Project (Final Year)
KILBURN, Richard Howard	Geological Society of Jamaica
RAMBERRAN, Puja	Verner A. Zans Award for Best Field Map
REECE, Katherine Hope	Geological Society of Jamaica
REYNOLDS, Rajne Maurice	Trevor A. Jackson Award for Excellence in Igneous and Metamorphic Petrology
RICHARDS, Candace Leesa	Charles Alfred Matley Award for Best First Year Student

**DEPARTMENT OF LIFE SCIENCES**

BLACKETT, Nicoyann Giselle Christine	Charlotte Goodbody Prize for 1st Year Biology
DICKSON, Alicia Afiya	Vincent Hugh McKie Prize in Zoology (2 <sup>nd</sup> Year)
JOHNSON, Tonia-Kaye Tavia	Don Skelding Prize for Preliminary Biology
LYEW, Devannie Leeshu Terresa	Ivan Goodbody Prize for Best Marine Biology Major (2nd Year)
MCDONALD, Shadah Antonnet A	Sasikala Potluri Prize for Plant Form
MICHAEL, Dillon Joseph	Devi Prasad Prize for Plant Diversity
MORRIS, Jonathan Zachary	Avinash Potluri Prize for Animal Diversity
WHYTE, Deborah E	Vincent Hugh McKie Prize in Zoology (2 <sup>nd</sup> Year)
WYNTER, Shanel Frederica	Lloyd Coke Prize for Plant Physiology

**DEPARTMENT OF MATHEMATICS**

BASS, Xavier-Jon Mario Dyllon	Merville Campbell Prize (Level I)
HARRIS, Aston Emanuel	Department of Mathematics Prize (Level I)
KENNEDY, Morgan Brittany	Merville Campbell Prize (Level II)
NOTICE, Danielle Abigail	Henry-Aub Prize
POWELL, Kareem Maleke	Henry-Aub Prize
PRENDERGAST, Avaughn Dario	Merville Campbell Prize (Level II)

**DEPARTMENT OF PHYSICS**

ANDERSON, Rickardo Junior	Departmental Prize (Level II)
GREGORY, Vijay Amir	Departmental Prize (Level II)
HAYMAN, Jarvis Ewan	Michael Tharmanathan Physics Bursary
PLUMMER, Dayna-Leigh Romae	The Professor John Lodenquai Prize for Introductory Physics

## FOUNDATION COURSE PRIZES (FOUN1201)

### SEMESTER 1

CARGILL, Shashena Monica

### SEMESTER 2

MYRIE, Toni-Ann Jalique

## ACADEMIC COMMENDATIONS

### SEMESTER 1

#### PRELIMINARY LEVEL

JOHNSON, Kelsey Alexis

WOODSIDE II, Byran Shelton

#### LEVEL ONE

ATKINSON, Rowan Everton

FRAY, Raheema Fyola

BARNETT, Sarah Elizabeth

HANLAN, Jelani Matthew

BATTICK, Daniel Shaun

HIGGINS, Gabrielle Joy

BISSICK, Ajani Shakira

JENNINGS, Marvin Ricardo

BLACKBURN, David Jerome Wollesley

JOHNSON, Jacquel Errianna

BOGLE, Andrae Karyl

JULAL, Danelle Ariane

BROWN, Anthony Linton

LISLE, Danielle Khadesha

CAMPBELL, Kadeem Maliek

OKUKENU, Shane Oluwa-Seyi

CHISHOLM, Shevon Ricardo

SPARKS, Ronaldo Joshua

DAVIS, Daniel Stephen

STEWART, Tassan Georgia

DOUGLAS, Kayon-Marie Alsie

TRACEY, Delano Al

DOWNER, Nathan Andrew

TURNER, Ray Anthony

FRANCIS, Khaleel Omar

WELLINGTON, Tiffany Gianna

#### LEVEL TWO

BROWN, Aleisa Tanika

NATION, Shemara Nickay

BROWN, Tanice Melissa

NOTICE, Danielle Abigail

CALLOO, Michael Mark Anthony

PRENDERGAST, Avaughn Dario

CLARKE, Wayne Lancelot

ROBINSON, Natalia Annik

EWAN, Ashley Alexandra Christina

TYRELL, Paul Oliver

GRAHAM, Shiviaun Anita

WILKINSON, Efa Aisha

LEE, Simon Peter

WILLIAMS, Kadaine Joseph

LINTON, Moses Clifford

#### LEVEL THREE

BLAGROVE, Phonia Natoya

INGLEDEW, Julian Matthew

CAMPBELL, Icilyn Ophelia

LYONS, Kemelia Tyesha

DE LISSER, Candice Tiffany

RAPHAEL, Daniel Delroy

EBANKS, Dacia Tanae

REID, Jermaine Seymore

HALL, Abigail Johanna

REID, Maiekah Natalia

HYLTON, Christina Amanda



## ACADEMIC COMMENDATIONS

### SEMESTER 2

#### PRELIMINARY LEVEL

DANIEL, Romario Franchez  
JOHNSON, Tonia-Kaye Tavia

RILEY, Danielle Lauren

#### LEVEL ONE

ANDERSON, TARIQUE GARTH  
BAKSH, Aviesha Crystal  
BROOKS, ACKEEM MOHAN  
BROWN, Jada-Rae Ivana  
BROWN, Tasteann Nicolette  
BRYAN, Trevisa Simone  
DONALD, Luke Angelo  
DOUGLAS, Gayon Diana  
EBANKS, Aneska Melissa  
FAIRCLOUGH, Kesna Asharnic  
FERRIS, Thandi Kesi  
FRANCIS, Delano Makhi Kezna  
HALL, Harold George  
HENRY, Shemar Tawalda Moore  
HINDS, Brandon Jason  
LAMBERT, Sarah Elizabeth

LEWIN, Jordene Sharhae  
MACDONALD, Marshalee Melissa  
MCLEAN, Glen Dave  
MICHAEL, Dillon Joseph  
MOORE, Jodi Trisha Hillary  
MUSSINGTON, Telica Torsheer Dannielle  
POWELL, Rojet Okera  
REID, Britney Ashara  
REID, Neko Sean  
SOARES, Matthew Sean  
STERLING, Akili LeRoi  
TAYLOR, Gabrielle Abigail  
TODD, Giselle Ava-Loy  
WALKER, Malcolm Alexander  
WRIGHT, Zidane Dante Marc

#### LEVEL TWO

DUQUESNAY, Abigail Cristan Le-Mercier  
HAUGHTON, Loya Caroldene  
HAYMAN, Jarvis Ewan  
HENRY, Moesha D-Volente  
JOHNSON, Kia Melina  
JOHNSON, Kristin Kourtney Nylissa  
JOSEPH, Jared Cassell  
MCLEAN, Krissy-Lee Keree

NEWMAN, Shannon Alethea  
PRATT, Henry John  
SANDERSON, Ashleigh Alexandria  
SMITH, Davia Danyelle DAndra  
TAYLOR, Odesha O.  
TROTMAN, Rachele Nicolette  
WATSON, Akeila Toni-ann  
WILLIAMS, Jahneil Antoinette

#### LEVEL THREE

ANDERSON, Emily Nicole  
BOUCHER, Kayann Patricia  
BURGIN, Sherricea Carlissa  
BURKE, Stephannie Jasmin  
BURRELL, Alekia Commara  
CORRIE, Adrienne Joelle  
GORDON, Shantahla Milissa  
HANSON, Stefany Allison Rachel  
IRVINE, Jeanelle Antoinette  
KERR, Jordan Phillip

LEE YOUNG, Scott De Demacardo  
MORRISON, Romaine Edward Hugh  
MUNCEY, Rochelle Shania Ann-Marie  
PHILLIP, Chantel Jody-Ann  
ROBERTSON, Tahjna Imani  
SAMUDA, Keith Astley Kurt  
SMITH, Reezan Ayano  
STEWART, Kevon Adloy  
WAUL, Shamala Tovia  
WEBSTER, Jaidene Amoyie

## DEAN'S HONOUR ROLL

### PRELIMINARY LEVEL

MARRETT, Marshia Axma Oquania

PENN, Alvenique Loletta

MURRAY, Lesmar Chyon

WOODSIDE, Katrina Winifred

### LEVEL ONE

BASS, Xavier-Jon Mario Dyllon

MOORE, Laurel Brittany

BERNARD, Trygve Michael

PANTON, Deniela Candace

BRAMWELL, Rhon-Kaniel Christopher

REID, Janoi Les Hall

CHRISTIE, Nathaniel Mike-Anthony

SCOTLAND, Doneil George

FERGUSON, Ronaldo Ian

THOMAS, Jhanelle Jodekai

GOLDSON, Michael Anthony

WILLIAMS, Romario Johnathan

GUNN, Kisanna Shanta

XIMINIES, Bradley Hugh

HARRIS, Aston Emanuel

### LEVEL TWO

ANDERSON, Rickardo Junior

MOHAMMED, Nusrat Jahan

ANDERSON, Sherika Aniska

PITTERSON, Stephan Garreth

DOLPHY, Jorjan Elizabeth

POWELL, Kareem Maleke

KENNEDY, Morgan Brittany

### LEVEL THREE

CALLENDER, Akil Arnold

LEWIS, Sasha-Lee Jellecia

CAMPBELL, Kord Christopher

LITTLE, Tamera Toni-Ann

CLARKE, Shannique Shakia

MCCARTNEY, Andrew O'Brian

HAMMOND, Dainalee Dianna

RITCHIE, Phillipa Latonya

LESLIE, Shakira Nicolette

WILLIAMS, Rickel Hermay

**BACHELOR OF SCIENCE DEGREE****FIRST CLASS HONOURS**

ANDERSON, Sherika Aniska	Civil Engineering(Major)
BROWN, Yohan Christopher	Computer Science(Major), Economics(Minor)
BURKE, Stephannie Jasmin	Actuarial Science(Major)
CALLENDER, Akil Arnold	Geology(Major)
CAMPBELL, Kord Christopher	Actuarial Science(Major)
CLARKE, Shannique Shakia	Biochemistry (Major)
DAVIS, Abbigaye Khiara	Biochemistry (Major), Food Chemistry(Minor)
DOLPHY, Jorjan Elizabeth	Geology(Major)
GORDON, Xuxa Boyd	Actuarial Science(Major)
GRAHAM, Shiviaun Anita	Information Technology(Major)
GUSCOTT, Shenelle Kimberley	Mathematics(Major), Economics(Minor)
HAMMOND, Dainalee Dianna	Actuarial Science(Major)
HANSON, Stefany Allison Rachel	Electronics Engineering(Major)
HAUGHTON, Loya Caroldene	Computer Science(Major), Management Studies(Minor)
HINDS, Brandon Jason	Computer Science(Major)
JOSEPH, Jared Cassell	Civil Engineering(Major)
LEE YOUNG, Scott De Demacardo	Civil Engineering(Major)
LESLIE, Shakira Nicolette	Environmental Biology(Major)
LEWIS, Sasha-Lee Jellecia	Electronics Engineering(Major)
LITTLE, Tamera Toni-Ann	Geography(Major)
LYONS, Kemelia Tyesha	Chemistry(Major)
MCCARTNEY, Andrew O'Brian	Mathematics and Physics(Major)
MUNCEY, Rochelle Shania Ann-Marie	Actuarial Science(Major)
NEWMAN, Shannon Alethea	Biochemistry (Major), Chemistry(Minor)
RAPHAEL, Daniel Delroy	Actuarial Science(Major)
RYTCHIE, Phillipa Latonya	Actuarial Science(Major)
ROBERTSON, Tahjina Imani	Biochemistry (Major), Chemistry(Major)
SMITH, Reezan Ayano	Geology(Major), Japanese(Minor)
STEWART, Kevon Adloy	Biotechnology(Major)
THOMAS, Jhanelle Jodekai	Computer Science(Major)
WILLIAMS, Mishka Noelle	Biochemistry (Major), Chemistry(Minor)
WILLIAMS, Rickel Hermay	Civil Engineering(Major)
WILLIAMS, Toni Vanessa	Computer Science(Major), Japanese(Minor)
WILLIAMS, Warren Michael	Civil Engineering(Major)

**SPECIAL PRIZE****BSC. DEGREE WITH THE HIGHEST GRADE POINT AVERAGE (4.10)**

HAMMOND, Dainalee Dianna	Actuarial Science(Major)
MCCARTNEY, Andrew O'Brian	Mathematics and Physics(Major)

## **HIGHER DEGREES**

### **POSTGRADUATE DIPLOMA**

**WITH DISTINCTION**

#### **INFORMATION TECHNOLOGY**

SAMUELS, Jermaine Courtney

THOMPSON, Antoinette Kerisia

### **MASTER OF SCIENCE**

**WITH DISTINCTION**

#### **FOOD & AGRO-PROCESSING TECHNOLOGY**

JOSEPH, Samantha

#### **MEDICAL PHYSICS**

ISAACS, Jordan Rudolph Berthan

SCOTT, Jelani Andrew

#### **OCCUPATIONAL & ENVIRONMENTAL SAFETY & HEALTH**

GAYLE-WHITE, Treasurlyn Nicola

OUTTEN, Arthurea Nalika

### **DOCTOR OF PHILOSOPHY**

**WITH HIGH COMMENDATION**

#### **COMPUTER SCIENCE**

ANDERSON, Ricardo Anthony

#### **ENVIRONMENTAL BIOLOGY**

PROSPERE, Kurt Denzel

## SPECIAL AWARDS

### IN RECOGNITION OF OUTSTANDING CONTRIBUTIONS TO THE FACULTY

#### FOR ADMINISTRATIVE AND INFORMATION TECHNOLOGY SERVICES



**Miss Claudia Lewis**  
Department of Life Sciences

**Miss Claudia Lewis** has been employed as Information Technology Officer/Network Manager in the Department of Life Sciences since October 2006. Primarily, she ensures the effective functioning of the Computer Laboratory as well as the numerous ICT systems used throughout the Department. She was instrumental in getting the network and computer systems upgraded and the continued expansion of the wired and wireless network to various blocks, frequently liaising with MITS and external contractors.

Miss Lewis is also a key point of contact for the Marine Labs and their interaction with the various ICT services of the UWI Mona Campus and currently serves as the departmental representative on the Faculty's ICT Steering Committee. She also provides technical support for users of the Biology Lecture Theatre and Science Lecture Theatres.

Miss Lewis works closely with the Biology Students Association and staff members, encouraging participation in the outreach activities of the Department and Faculty including International Coastal Cleanup, University Research Days (Tent and Spine displays), Student Orientation, as well as the Faculty's Outreach and Development Programme. In 2017 she received a Certificate of Appreciation from the Faculty Office for her outstanding contribution to the Outreach and Development Programme. In 2017 she initiated and coordinated the first Biology CAPE Workshops (Mona and WJC), an initiative which went on to attract over 250 students in 2019.

Miss Lewis is known to be a willing and active staff member who can be called upon at any time to assist in any capacity, as evidenced by several committee memberships. She possesses excellent interpersonal skills, and staff and students (both undergraduate and postgraduate) benefit from her wealth of knowledge and her years of experience. Her colleagues lauded her in 2016 when they selected her as the Worker of Year.

Miss Lewis is to be commended for her commitment to participate in her Department's activities. Her willingness, dedication and commitment to her work, make her an integral part of the Department and indeed, the Faculty.

The Faculty of Science and Technology acknowledges and appreciates the excellent contribution that she has given over the years.

## FOR INFORMATION AND COMMUNICATION TECHNOLOGY SERVICES



**Miss Andrea Rhule**

**MITS Representative in the Faculty Office, FST**

**Miss Andrea Rhule** joined the Electronics Unit in 1995 as a Computer Technologist, with responsibility for computer maintenance and repairs, in the then Faculty of Pure and Applied Sciences (FPAS). At that time, she was mostly assigned to the Department of Chemistry. As the demand for IT skills grew, this resulted in the Electronics Unit being briefly mandated to offer computer and peripheral related services to the wider campus society. The following years saw the rapid growth of the campus network infrastructure and the computerization of student services which resulted in the creation of an IT department called MITS. Miss Rhule and others from the Electronics Unit were transferred to MITS between 2003 and 2005, where she was assigned to the Helpdesk.

The MITS Helpdesk is the section which interfaces with the public regarding Mona Campus IT matters. While there, she deepened her troubleshooting skills and further knowledge of IT, as well as customer service and communication skills. In 2016 she was re-assigned to field service, to assist the Faculty based MITS staff with resolving ICT issues.

Consequently, because of Andrea's knowledge and expertise in IT, her assistance was sought by a wide cross section of the campus. Miss Rhule would answer everybody's call in a timely manner. Her quiet and soft spoken demeanor coupled with the virtue of patience and understanding have earned the respect of the Faculty staff.

The Faculty of Science and Technology wishes to acknowledge her dedication and hard work in the field of Information Technology and wish to thank her for her outstanding contribution.

## DISTINGUISHED WORKER AWARDEES

### DISTINGUISHED WORKER AWARD (MONATS) For Excellence in the Performance of Administrative Duties



**Mrs. Rosalene Simmonds**  
Department of Physics

**Mrs. Rosalene Simmonds** has been a key member of the Department of Physics' team for over a decade. Instrumental in improving the overall operations of the Department, she has served in various capacities such as managing all departmental events, including those which have involved local and international participants.

Under her exceptional leadership, the Department of Physics launched a Staff Welfare and Development Committee in 2017 that leads initiatives aimed at increasing camaraderie among staff; identifying staff development opportunities and ensuring staff awareness of accessible UWI benefits. In addition to her regular administrative duties, Mrs. Simmonds also undertakes the role of Facilities Manager as she oversees the management of the physical plant to ensure that facilities are functional and repairs effected in a timely manner.

Mrs Simmonds has not only served at the departmental level, but has also contributed greatly to faculty led initiatives, including the yearly orientation exercises, the 2018 Faculty Conference and the first Technical and Service Staff Appreciation Day of the Faculty of Science and Technology in 2018. We salute Mrs. Simmonds as she continues to serve the Department and Faculty with passion and diligence.

### DISTINGUISHED WORKER AWARD (MONATS) For Excellence in the Performance of Technical Duties



**Mr. Daniel Gillings**  
Department of Chemistry

**Mr. Daniel Gillings** joined the staff complement of the Department of Chemistry in 2012 as a Laboratory Technician. He has recently been appointed to the post of Scientific Officer. A proud graduate of the Department, he continues to provide outstanding service to student, colleagues and other stakeholders.

Known for his creativity in literally finding “solutions” for some of the chemical waste disposal challenges in the Department, Mr. Gillings usually has a list of procedures on how to dispose of/recycle a large number of chemicals used within the Department and actively takes part in disposal or conversion of our waste into waste that is acceptable as municipal waste. When it comes to cleaning of glassware or the need to prepare a universal cleaning agent, Mr. Gillings is the go-to person.

Mr. Gillings’ consistency translates into him always being available when needed and similarly, always being prepared for his lab sessions. In cases where laboratory supplies are short or delayed, he can be relied on to make arrangements with other colleagues to borrow chemicals which are needed for the laboratory, until stock levels have been replenished.

A trusted team player, he has made himself readily available to all staff members and to both undergraduate and graduate students who need assistance even when it is not laboratory related. He is at work until late nights and on most weekends in order to assist students to complete labs and/or research projects. He is easy to work with and gets along extremely well with others. Being a skilled Rum Ambassador, his rum distillation capabilities are always welcomed when he prepares his various rum blends and allows for sampling at various Departmental events.

The Department recognizes his commitment to the overall efficiency of the laboratory operations, and the application of his competencies and skills to the daily operations of the Department. He is most deserving of being deemed an outstanding employee.

## **DISTINGUISHED WORKER AWARD (UAWU)** **For Excellence in the Provision of Support Services**



**Miss Pamella Blackwood**  
**Department of Life Sciences**

Ms. Pamella Blackwood joined the Centre for Marine Sciences in September 2005 as a Cleaner and in 2009 she was promoted to the level of Office Attendant and was assigned duties also in the Department of Life Sciences.

She is well known for her resourcefulness and genuine interest in the Department’s well-being. On several occasions Ms. Blackwood has brought some issues in the research laboratory and storeroom at the Centre for Marine Sciences to light and she has personally taken the initiative to fix them, which undoubtedly has saved the Centre much needed funds. Miss Blackwood has a proven record of consistency. She is hardworking and a high achiever in her Key Performance Appraisals. She is described by her Supervisor as a “dedicated worker who can be called upon to assist in any area”.

Apart from providing support services for the Centre and Department, she is engaged in serving as a Union Delegate for the UAWU and also serves as an Usher at the University’s formal events, including the annual graduation ceremonies. Pamela is an exceptional and a reliable team player who will go beyond the call of duty to complete any task given and her colleagues can attest to this.

The Department is pleased that Miss Blackwood has been selected to receive The Most Outstanding Worker Award in the Service Staff category.



## PRINCIPAL'S RESEARCH AWARDEES 2018

### THE BEST RESEARCH PUBLICATIONS



**Dr. Michael Coley (and collaborators)**  
**Department of Chemistry**

*Article: The Dissolution of Phosphorous from Jamaican Bauxites under Low Temperature Bayer Conditions*



**Dr. Andrea Goldson-Barnaby (and collaborators)**  
**Department of Chemistry**

*Article: In Silico Prediction, Phylogenetic and Biontormatic Analysis of SoPCS Gene: Survey of its Protein Characterization and Gene Expression in Response to Cadmium in Saccharum otticinarum*



**Dr. Leonardo Clarke**



**Dr. Tannecia Stephenson**



**Prof. Michael Taylor**

**Department of Physics**

*Article: Future Caribbean Climates in a World of Rising Temperatures: The 1.5 vs. 2.0 Dilemma*

## THE MOST OUTSTANDING RESEARCHER/RESEARCH ACTIVITY



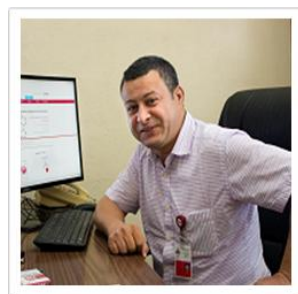
**Prof. Noureddine Benkeblia**  
Department of Life Sciences

**Articles:** *Effects of Temperature Regimes on Postharvest Respiratory Parameters of Ackee Fruit Arils (Blighia Sapida Koenig)* | *Biochemical and Physiological Analyses of Star Apple (Chrysophyllum)*



**Dr. Andrea Goldson-Barnaby**  
Department of Chemistry

**Articles:** *Lipid Profile and Total Phenolics of Cissus Verticillata Seed and Leaf Extracts* | *Free Radical Scavenging Activity and Cytotoxicity Assay of Cissus sicyoides Berries* | *In Silico Prediction, Phylogenetic and Bioinformatic Analysis of SoPCS Gene: Survey of its Protein Characterization and Gene Expression in Response to Cadmium in Saccharum officinarum*



**Dr. Marhoun Ferhat**  
Department of Physics

**Articles:** *A Comparative Study of the Effect of Strain on the Electronic and Optical Properties of Filled and Unfilled Ba8Si46 Type 1-Clathrate* | *Prediction of Optically-Active Transitions in the type VIII Guest-Free Silicon Clathrate Si46: A Comparative Study of its Physical Properties with the type I Counterpart through First Principles* | *Controlled Modification of Electrochemical Microsystems with Polythylenimine/Reduced Graphene Oxide using Electrophoretic Deposition: Sensing of Dopamine Levels in Meat Samples* | *Spectroscopic, Electrochemical and X-Ray Crystallographic Properties of a Novel Palladium (II) Complex of Thioamide Deprotonated di-2pyridyl Ketone Thosemicarbazone (dpksc-H)-* | *Template Optimization of Block Copolymer Thin Films by Self-Assembly Process*

## RESEARCH PROJECT ATTRACTING THE MOST RESEARCH FUNDS



**Prof. Simon Mitchell**



**Dr. Arpita Mandal**



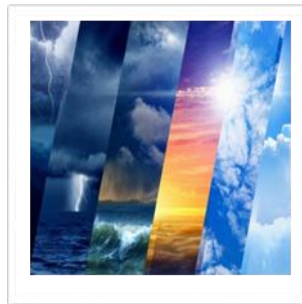
**Dr. David Miller**



**Dr. Donovan Blissett**

### Department of Geography & Geology

*Project: Sediment Budget Monitoring Sites for Upper Rio Minho Watershed*



### Climate Studies Group Department of Physics

*Project: Caribbean 1.5*

*Estimating Damages from Climate-Related Natural Disasters for the Caribbean at 1.5 °C and 2 °C | Global Warming Above Preindustrial Levels | The Caribbean Science Series | Assessment of the Potential Implications of a 1.5 °C versus Higher Global Temperature Rise for the Afobaka Hydropower Scheme in Suriname | Characterising Heat Stress on Livestock Using the Temperature Humidity Index (THI) - Prospects for a Warmer Caribbean | Future Caribbean Climates in a World of Rising Temperatures: the 1.5 vs. 2.0 Dilemma*

## DEPARTMENTAL AWARDS

### DEPARTMENT OF CHEMISTRY

- The Cedric Hassall Scholarship** The Cedric Hassall Prize is the premier award in the Department of Chemistry. It was first awarded as a prize in 1971 and was given to the Chemistry student who had shown the best overall performance in the examinations associated with the first year of advanced Chemistry courses. This prize has been upgraded to a Scholarship and is awarded to a final year student majoring in Chemistry who satisfies the above criteria. The scholarship is named in honour of Professor Cedric Hassall (1919-2017), the first Professor of Chemistry at the University and former Head of the Department of Chemistry (1948-1957), who delivered the inaugural lecture to the original batch of medical students. It is intended to foster and encourage students to achieve standards of excellence which Professor Hassall insisted should be the hallmark of students pursuing courses in Chemistry. The prize was established largely through the initiative of Professor Gerald Lalor during his tenure as Head of the Department.
- The Bert Fraser-Reid Award** Bertram Fraser-Reid is a synthetic organic chemist who has been recognized worldwide for his work in carbohydrate chemistry and his effort to develop a carbohydrate-based malaria vaccine. He earned his BSc and MSc degrees at Queen's University in Canada and a PhD at the University of Alberta in 1964 before doing post-doctoral work with Nobel Laureate, Sir Derek Barton from 1964-1966. In 2007, the Institute of Jamaica awarded the Musgrave Gold Medal to Prof. Fraser-Reid for his outstanding work in Chemistry. Apart from his interests in science, he is an accomplished musician who has given piano and organ recitals at several notable venues. The Bert Fraser-Reid Award is given to a student with the second best academic performance in the advanced Organic Chemistry courses. The awardee should not simultaneously hold any other Chemistry Department prize.
- The Willard Pinnock Prize** Willard Pinnock served the Department of Chemistry for more than 29 years and retired as a Senior Lecturer in Physical Chemistry in 2011. He is known for his outstanding contribution to teaching and to student guidance and welfare and has been recognized several times by the Faculty for his high scores on the student assessment surveys. He was the first recipient of the Guardian Life Premium Teaching Award at Mona in the academic year 2003/04 and later that year he also received the Vice Chancellor's Award for Excellence in Teaching. A UWI alumnus, he earned both BSc (Chemistry and Physics) and MSc (Atmospheric Physics) degrees from the University of the West Indies and holds a PhD degree in Medical Bio-Physics from the University of Dundee. The Willard Pinnock Prize is awarded to a Chemistry Major who has the best academic performance in the physical chemistry core courses CHEM2310 and CHEM3310 and who is pursuing a major in chemistry. The awardee should not simultaneously hold any other Chemistry Department prize.

- The Wilfred Chan Award** Wilfred Chan completed the requirements for the BSc degree in 1952 and then went on to pursue research under the direction of Prof. Cedric Hassall. He completed his research in 1956 and was the first West Indian to receive the PhD degree at Mona. In 1959 he was appointed Lecturer and began a vigorous research programme and rose through the ranks to become the first West Indian to be promoted to a personal chair (1971). In 1966 the Chemistry Department hosted the first Mona Symposium (on Natural Products Chemistry) with him as its Organizing Secretary. Prof. Chan later served as Head of the Chemistry Department at Mona from 1972 to 1975. In 1979, he moved to the St. Augustine Campus to boost research efforts in its young Chemistry Department. He retired from St. Augustine in 1997, having served as Head and Dean during his tenure there. Prof. Chan's contributions over the years to natural products chemistry are internationally recognized. The Wilfred Chan Award was first made in 2000 and is for a student who has the best academic performance in the advanced Organic Chemistry core courses and who is pursuing a major in Chemistry. The awardee should not simultaneously hold any other Chemistry Department prize.
- The Garfield Sadler Award** Garfield Sadler graduated from the Chemistry Department of the University of the West Indies, Mona, with a degree in Special Chemistry in 1980. He then pursued doctoral studies in Inorganic Chemistry under the supervision of Professor Tara Dasgupta and graduated three years later with a PhD degree, having specialized in the study of Reaction Mechanisms. In 1983 Dr. Sadler joined the staff of the Department as a Lecturer of Inorganic Chemistry. This marked the start of a vibrant career in teaching and research. His contribution, however, to the development of Chemistry was short-lived as he died tragically in 1991. The Garfield Sadler Award, which is a tribute to the life and work of Garfield Sadler, is presented to the student with the best academic performance in the inorganic chemistry core courses CHEM2110 and CHEM3110 and who is pursuing a major in chemistry. The awardee should not simultaneously hold any other Chemistry Department award.
- The Leonard J. Haynes Award** Professor Leonard J. Haynes joined the staff of the Chemistry Department, University College of the West Indies, in 1956. A Natural Products Chemist by training, he was instrumental in launching the Mona Symposium in 1966 and it remains the longest running conference of its kind within the Caribbean. He served the Department as Professor, carrying out research and lecturing in Organic Chemistry, and was the second Head of Department, leaving in 1968. The award named in his honour is presented annually to the student with the best academic performance in the Introductory Level Chemistry courses and who is proceeding to Level II courses. Seed funding for the award came from a donation made by his widow, Mrs. Mary Haynes, in January 1994, and the award was first handed out in 1998. The awardee should not be in receipt of any other Chemistry Department prize in the year of consideration.

- The Pavelich/Honkan Prize** Michael Pavelich, Professor of Chemistry at the Colorado School of Mines, U.S.A., spent a year as a Visiting Professor in the Department of Chemistry as a sabbatical replacement for Professor Tara Dasgupta during 1984-85. At the end of his stay he donated funds towards a prize to recognize scholarship and excellence among Level I students. Dr. Vidya Honkan completed her PhD degree in organic chemistry in 1980 under the supervision of Professor Wilfred Chan and Dr. Basil Burke. While visiting the U.S.A. she died in a tragic automobile accident. Her husband later visited the Department and made a donation to establish an award in commemoration of his wife's love for Chemistry. The Pavelich/Honkan Prize, named in honour of Prof. Michael Pavelich and Dr. Vidya Honkan, is awarded to a student who has the third best academic performance in the Introductory Level Courses in Chemistry and who is proceeding to Level II courses. The awardee should not be in receipt of any other Chemistry Department prize in the year of consideration.
- The Food Chemistry Prize** The Food Chemistry Prize was first awarded in 2016. It is awarded to a final year student who is currently enrolled as a Food Chemistry Major and who has the best academic performance in the courses comprising the major. The awardee should not simultaneously hold any other Chemistry Department prize.
- The Chemistry Department Prize** The Chemistry Department Prize is awarded to a student who has the second best academic performance in the Introductory Level Courses in Chemistry and who is proceeding to Level II courses. The awardee should not be in receipt of any other Chemistry Department prize in the year of consideration.
- The Kenneth E. Magnus Applied Chemistry Prize** Kenneth Magnus was a member of the first batch of students who graduated from the then University College of the West Indies. He completed a Masters and a PhD in the Department of Chemistry at UWI. He subsequently lectured in the Department retiring as Professor of Applied Chemistry. During his tenure at the UWI, Professor Magnus served in the capacity as Head of the Department of Chemistry (1977-1986) and Dean of the Faculty of Natural Sciences. He was the driving force behind the establishment of the Applied Chemistry Programme in 1969 and subsequently the Food Chemistry Programme in 1982. The Kenneth Magnus Prize is awarded to a final year student who is currently enrolled as an Applied Chemistry Major and who has the best academic performance in the courses comprising the major. The awardee should not simultaneously hold any other Chemistry Department prize.

## DEPARTMENT OF COMPUTING

### **The Karl Robinson Award in Computer Science**

The Karl Robinson Award is a tribute to the life and work of the late Karl Robinson who distinguished himself as an invaluable member of the then Department of Mathematics & Computer Science. This award is presented to a final year student with the best academic performance in Computer Science. The winner of this award is the student with the highest average in first year, second year and Semester I of the third year Computer Science courses. In case of a tie, the award will be split equally among the winners.

### **NCB Best Second Year Computer Science/Software Engineering Award**

The National Commercial Bank Jamaica Ltd. celebrates the achievement of excellence in a field of study that will directly impact the digital economy. The winner of this award is the student with the highest average in first year, and Semester I of the second year Computer Science/ Software Engineering courses.

### **The NCB Best Second Year Information Technology Award**

The National Commercial Bank Jamaica Ltd. recognizes the accomplishments of future contributors to the ICT sector in Jamaica. The winner of this award is the student with the highest average in first year, and Semester I of the second year Information Technology courses.

## DEPARTMENT OF GEOGRAPHY & GEOLOGY

### **The Geological Society of Jamaica Scholarship**

This scholarship was inaugurated in 1981 to identify outstanding students in the undergraduate Geology programme and to single out such talent for recognition and support. This award is made to a student who possesses outstanding scholastic abilities and has secured excellent grades at two successive University Examinations. The Level I Geology Prize (Sponsored by the Geological Society of Jamaica) is awarded to the geology student with the best Level I results. The Level II Geology Prize (Sponsored by the Geological Society of Jamaica) is awarded to the geology student producing the best geology field map in GEOL2204. The Level III Geology Prize (sponsored by the Geological Society of Jamaica) is awarded to the geology student producing the best final year research project.

### **The Barry Floyd Prize**

The Department of Geography & Geology has given this award in honour of Professor Barry Floyd, who was the first Head of the Department of Geography in the early 1960's. This award is for the best undergraduate dissertation.

## DEPARTMENT OF LIFE SCIENCES

### **The Don Skelding Prize**

Professor Arthur Donald Skelding, D.Sc. was the second Professor of Botany at the University of the West Indies, Mona from 1955 to 1973. When he returned to Jamaica in June 1985 in his capacity as External Examiner for the B.Sc. in Botany, he made a donation to the Botany Department, now Life Sciences, which the then Professor of Botany invested. The interest from that investment is used for an annual prize to the best student in the Preliminary Biology.

- The Sasikala Potluri Prize** Dr. Sasikala Potluri joined the then Department of Botany, now Life Sciences, in 1980. She had served as a Demonstrator, Teaching Assistant and finally a Lecturer, when she resigned in August 2004. Dr. Potluri has contributed significantly to the Department's teaching programme at all levels with great success as well as providing a thrust in Horticulture and Tissue Culture. The award named in her honour will be presented annually to the student with the best performance in Seed Plants.
- The Lloyd B. Coke Prize in Plant Physiology** The late Dr. L. B. Coke, former Senior Lecturer and Head of the Department of Botany, now Life Sciences, taught Plant Physiology for fifteen years. The Department instituted the prize in his honour after his sudden death on 31 December, 1990. This prize is awarded every year to the student who obtains the highest mark in Plant Physiology. This prize is maintained by contributions from the Consultancy Fund of the former Botany Department.
- The Charlotte Goodbody Prize** Mrs. Charlotte Goodbody was employed as a Teaching Assistant in the then Department of Zoology, now Life Sciences, with responsibility for the first year classes (Cell Biology and Animal Diversity). She conducted laboratory classes and occasionally gave lectures. Her fascination with Experimental Biology and Zoology made her an invaluable resource to the first year students, demonstrators and lecturers for many years. She retired in 1989 and now lives in Aberdeen. The award named in her honour, made for the first time in 2011, is a book grant to be given to the best student in the first year (first semester) courses.
- The Avinash Potluri Prize** The prize has been established by his parents Dr. Devi Prasad and Dr. Sasikala Potluri, former Senior Lecturer and Lecturer respectively in the Department of Life Sciences. This prize is in memory of their late son, who read Animal Diversity during his undergraduate years at the University and stated it to be a turning point in his life. The student with the best performance in the first year Animal Diversity will receive the prize.
- The Devi Prasad Prize** Dr. Devi Prasad joined the then Department of Botany, now Life Sciences, in October 1979. He was a former Head of the Department of Botany. Dr. Devi Prasad had served the University for 23 years, when he resigned in August 2003 as Senior Lecturer. He has carried out extensive research in Algal Physiology, Marine Plants, Natural Products and Water Pollution. The award named in his honour, awarded for the first time in 2007, is to the student with the best performance in the first year Plant Diversity course.



**The Vincent McKie Prize in Zoology** Vincent Hugh Wilson McKie, in addition to being a Zoologist, was President of the Guild of Undergraduates, Hall Chairman for Taylor Hall, President of the UWI Drama Club, and President of the UWI Camera Club and of the Tennis Club while attending the UWI. He achieved excellence as a science teacher and was awarded the Silver Musgrave Medal for his work in (a) the Sciences (b) Education and (c) the Fine Arts. This Award in his honour is based on the results of the examinations taken at the end of Level II of the Degree Programme and is given to a student with high grades in the Level II Zoology courses. The award is not based on academic excellence alone, but also takes into account participation in extra-curricular activities.

## DEPARTMENT OF MATHEMATICS

**The Department of Mathematics Prize** The Department of Mathematics has donated funds for the award of an annual prize to the best second year student in Pure Mathematics. The purpose of this prize is to encourage and reward students for outstanding performance.

**The Merville Campbell Prize: Levels I and II** The Merville Campbell Prize was established by the Mathematics and Computer Science Department in 1995 in memory of Merville Campbell who had served the Department of Mathematics for several years. It is given to the student with the best performance in MATH1140 and MATH1150 and the student with the best performance in Level II Mathematics.

**The Henry-Aub Prize** The Department of Mathematics established the Henry-Aub Prize in the 2015/16 academic year. This award is given to students with the best grades in Pure Mathematics courses at Level II.

## DEPARTMENT OF PHYSICS

**Level II-Departmental Prize** The Department has been awarding prizes for many years to students who do well in the Level II examinations. The purpose is to reward and encourage, and so only those students who go on to Level III Physics qualify. It is possible, in any case, that no prize is awarded if no student gains a good enough grade, B+ and better. The two students with the highest marks are awarded prizes.

**Professor John Lodenquai Prize for Introductory Physics** The John Lodenquai Prize has been established by the family of the late Prof. John Lodenquai, a graduate and former Professor in Astro-Physics and a graduate of the University of the West Indies. It is to be presented to the student with the best performance in Level I Physics.

# NOTES



*Thank you for attending  
the Ceremony  
and congratulations to  
all Awardees*



*Prepared by the  
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