THE UNIVERSITY OF THE WEST INDIES
CAVE HILL CAMPUS, BARBADOS

THE FACULTY OF
SCIENCE & TECHNOLOGY
STAFF DIRECTORY

2012-2013
THE UNIVERSITY OF THE WEST INDIES
CAVE HILL CAMPUS

FACULTY OF SCIENCE & TECHNOLOGY
UNDERGRADUATE STAFF DIRECTORY 2012-2013

http://www.cavehill.uwi.edu/fst
Email: fst@cavehill.uwi.edu.
MISSION
To advance education and create knowledge through excellence in teaching, research, innovation, public service, intellectual leadership and outreach in order to support the inclusive (social, economic, political, cultural, environmental) development of the Caribbean region and beyond.

VISION
By 2017, the University will be globally recognised as an innovative, internationally competitive university, deeply rooted in all aspects of Caribbean development and committed to serving the diverse people of the region and beyond.

This booklet gives information on Courses offered in the Faculty of Science and Technology at the Cave Hill Campus of the University of the West Indies (Barbados). For courses offered at the other Campuses, please see Faculty booklets for the Mona (Jamaica) and St. Augustine (Trinidad & Tobago) and the Open Campus.

This Guide is intended for students entering the Faculty of Science and Technology from academic year 2012 – 2013. Continuing students must refer to Faculty Regulations that govern their year of entry – available on the Faculty website.

THE UNIVERSITY RESERVES THE RIGHT TO MAKE SUCH CHANGES TO THE CONTENTS OF THIS PUBLICATION AS MAY BE DEEMED NECESSARY.

Disclaimer:

The information in this booklet is accurate at the time of printing. Subsequent publications may therefore reflect updated information. Students should consult their Dean where clarification is required.
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INTRODUCTION TO THE FACULTY

The University of the West Indies is a regional and international institution primarily serving the needs of the Commonwealth Caribbean. Established in 1948 at Mona, Jamaica, as a college in special relationship with the University of London, it received full university status in 1962, as an independent degree-granting institution. In 1960, a second campus was established at St Augustine, Trinidad, and in 1963 teaching started in Barbados, first at a temporary site at the Bridgetown Port and then at the Cave Hill Campus.

Sciences have been taught at the Cave Hill Campus of the University of the West Indies from its inception. The Faculty was formerly known as the Faculty of Natural Sciences and later the Faculty of Science & Technology then the Faculty of Pure & Applied Sciences before settling on the current name of the Faculty of Science and Technology. Our full-time Academic Staff are mainly Caribbean nationals but we are also very much an international Faculty with about one third of our lecturers drawn from countries far and wide. Our degree programmes are well-respected regionally and internationally with many of our graduates working or pursuing further studies overseas. The Faculty comprises three sections:

- Department of Biological & Chemical Sciences – undergraduate & graduate programmes
- Department of Computer Science, Mathematics & Physics – undergraduate & graduate programmes
- Centre for Resource Management and Environmental Studies (CERMES) – graduate programmes

In the undergraduate BSc programme, courses are offered in all major scientific disciplines, with first year courses also taught at Tertiary Level Colleges in Antigua and St. Lucia. Students may Major in one or two disciplines and current enrollment in the Faculty is just over one thousand undergraduates, most of whom are full-time students.

Science graduates may register for the research degrees of M.Phil. and Ph.D. under the supervision of a member of the Academic Staff. The Faculty also offers MSc. programmes in various fields. CERMES offers an MSc. in Natural Resource and Environmental. While an MSc in Electronic Commerce was offered by the Department of Computer Science, Mathematics and Physics, providing graduates with the skills required for implementing, maintaining and developing Electronic Commerce services in the region however, this will soon be replaced with a series of new taught Masters programmes in Cyber-Security, Telecommunications, Robotics, Gaming, Networking, and Computer Science to keep our science and technology offerings exciting. A new programme in Renewable Energy Management will also begin this academic year and an online M.Sc. in Telecommunications is soon to be launched.

The research interests in the Faculty are diverse, addressing both fundamental questions in Science as well as finding scientific solutions to real life problems facing Caribbean people. Faculty members also constitute an unmatched source of expertise to Governments, Non-Governmental Organisations and the Private Sector in providing technical advice.

The Sports Agronomy Research Unit (SARU), within the Department of Biological & Chemical Sciences, conducts basic and contract research and provides consultancy services in the area of living grass surfaces for sporting and recreational activities. It complements the UWI Centre for Cricket Excellence.

Through collaboration with the Caribbean Institute for Meteorology and Hydrology, the Faculty offers a Major in Meteorology within the BSc degree.
### Faculty Office & Officers

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<thead>
<tr>
<th>Role</th>
<th>Name</th>
<th>Contact Information</th>
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<tbody>
<tr>
<td>Dean</td>
<td>Peter Gibbs</td>
<td>(246) 417-4310</td>
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<tr>
<td>Deputy Dean</td>
<td>Thea Scantlebury-Manning</td>
<td>(Academic Affairs)</td>
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<td>(246) 417-4597</td>
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<td><a href="mailto:fst@cavehill.uwi.edu">fst@cavehill.uwi.edu</a></td>
</tr>
<tr>
<td>Deputy Dean</td>
<td>Jeanese Badenock</td>
<td>(Outreach &amp; Research)</td>
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<td>(246) 417-4310</td>
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<tr>
<th>Administrative Assistant</th>
<th>Kay Browne</th>
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<td>BSc (UWI)</td>
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<tr>
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<tr>
<td>Secretary</td>
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<tr>
<td>Office Assistant</td>
<td>Anthony Howell</td>
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<tr>
<td>I.T. Technician</td>
<td>Maurice Beckles</td>
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Centre for Resource Management and Environmental Studies (Cermes)

Tel: (246) 417-4339
Fax: (246) 424-4204
Website: http://cavehill.uwi.edu/cermes
E-Mail: nrm@cavehill.uwi.edu

Director
Professor Robin Mahon
BSc (UWI), MSc., Ph.D (Guelph)

Professor of Marine Affairs and Director
Robin Mahon
BSc (UWI), MSc, PhD (Guelph)
417-4570/4339

Professor of Marine Ecology and Fisheries
Hazel Oxenford
BSc (Exeter), PhD (UWI)
417-4571

Senior Lecturer
Leonard Nurse
BSc (UWI), MSc (Memorial), PhD (McGill)
417-4344

Senior Lecturer
Patrick McConney
BSc. (Bangor), M.ES. (Dalhousie), PhD (UBC)
417-4725

Lecturer
Adrian Cashman
BSc (KCL), MSc, DIC (ICL), MSc. (York), Ph.D. (Sheffield)
417-4829

Lecturer
Janice Cumberbatch
BSc (UWI), MSc (York), PhD (UWI)
417-4569

Administrative Assistant: Jennifer Hurley
Secretary: Lisa-Ann Rollins
Department of Biological and Chemical Sciences

Tel: (246) 417-4323
Fax: (246) 417-4325
E-Mail: bcs@cavehill.uwi.edu

Professor of Theoretical & Computational Chemistry & Head of Department
Sean McDowell
BSc (UWI), PhD (Cantab)

Administrative Assistant Shirley Jones
Stenographer/Clerk Cynthia Spooner
Stenographer/Clerk Pauline Moore
Stenographer/Clerk Toni Russell

BIOLOGICAL SCIENCES

Professor of Plant Biology C. M. Sean Carrington
BSc (Edin.), DPhil (York-UK) 417-4330

Professor of Conservation Ecology Julia A. Horrocks
BSc. (Reading), PhD. (UWI) 417-4320

Professor of Ecology & Environmental Sciences & Pro-Vice Chancellor (Research) Wayne Hunte
BSc, PhD (UWI) 417-4129/4218

Professor of Microbiology Marc Lavoie
BSc, MSc, PhD (Montreal) 417-4354

Emeritus Professor of Biology George E. Mathison
BSc. (Bristol), PhD. (Nott.)

Senior Lecturer Sarah L. Sutrina*
B.A. (Colorado), PhD (Johns Hopkins) 417-4360

Lecturer Angela Alleyne
BSc, MPhil, PhD (UWI) 417-4808

Lecturer Angela Fields
BSc, PhD (UWI) 417-4666

Lecturer Rajendra Maurya
in Tropical Horticulture BSc, MSc (RAU), PhD (HAU) 417-4349

Lecturer Marilaine Mota-Meira
Ing. (Curitiba) MSc, PhD (Laval) 417-4859

Lecturer Thea Scantlebury-Manning
BSc, PhD (Concordia) 417-4356

* On Sabbatical Leave
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<th>Position</th>
<th>Name</th>
<th>Qualifications</th>
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<tr>
<td>Lecturer</td>
<td>Lyndon D. Waterman</td>
<td>BSc, PhD (UWI)</td>
<td>417-4331</td>
</tr>
<tr>
<td>Lecturer</td>
<td>Suzanne Workman</td>
<td>BSc (Manch.) MPhil, PhD (UWI)</td>
<td>417-4318</td>
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<tr>
<td>Lecturer</td>
<td>Henri Valles</td>
<td>BSc (Oviedo), MSc (UWI), PhD (McGill)</td>
<td>417-4328</td>
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<tr>
<td>Research Fellow</td>
<td>Francis Lopez</td>
<td>BSc, PhD (UWI)</td>
<td>417-4345</td>
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<tr>
<td>Lecturer</td>
<td>Leah Garner-O’Neale</td>
<td>BSc, PhD (UWI)</td>
<td>417-4343</td>
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<tr>
<td>Lecturer</td>
<td>Srinivasa Popuri</td>
<td>BSc (Nagarjuna), MSc (DAVV), PhD (SVU)</td>
<td>417-4334</td>
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<tr>
<td>Lecturer</td>
<td>Emma Smith</td>
<td>BSc (Liverpool), MSc (Heriot-Watt), PhD (Plymouth)</td>
<td>417-4838</td>
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<tr>
<td>Lecturer</td>
<td>Avril Williams</td>
<td>BSc PhD (UWI)</td>
<td>417-4342</td>
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**CHEMICAL SCIENCES**

- **Professor of Theoretical and Computational Chemistry**  
  Sean McDowell  
  BSc (UWI), PhD (Cantab)  
  417-4352

- **Professor of Organic Chemistry**  
  Winston Tinto  
  BSc, PhD (UWI), CSci, CChem, FRSC  
  417-4357/4329

- **Senior Lecturer**  
  Sergei M. Kulikov  
  MS (Novosibirsk State U.), PhD, DSc (Russ. Acad. Sci.)  
  417-4351

- **Lecturer**  
  Jeanese Badenock  
  BSc (UWI) PhD (Dartmouth)  
  417-4336

**EARTH SCIENCES**

- **Lecturer in Geology**  
  Steven Corder  
  BSc (Open U.), M.RES, PhD (Lanc.)  
  417-4321

- **Lecturer in Atmospheric Science**  
  Isabelle Gourand  
  Lic, PhD (Aix-Marseille I)  
  417-4837

- **Lecturer in Renewable Energy**  
  Thomas Rogers  
  B.Eng. (Warwick, UK), MSc (Loughborough, UK), PhD (Nottingham, UK)  
  417-4158
Department of Computer Science, Mathematics & Physics

Tel: (246) 417-4365
Fax: (246) 438-9198
E-Mail: cmp@cavehill.uwi.edu

Senior Lecturer &
Head of Department
Colin Depradine
BEng, MSc (Lond.) PhD (UWI)

Administrative Assistant
Wavney Weekes
Stenographer/Clerk
Geniveve Harris
Stenographer/Clerk
Deidre Jemmott
Stenographer/Clerk
Tanya Taylor

COMPUTER SCIENCE

Senior Lecturer
Hadrian Peter
BSc, MSc (Ohio), PhD (UWI)
417-4370

Lecturer
Adrian Als
BSc, MPhil (UWI), PhD
(Sheffield Hallam)
417-4793

Lecturer
John Charlery
BSc (UWI), Dip. Trop. Met. (Miami),
Adv. Dip. (Comp. Sci), MPhil,
PhD (UWI)
417-4368

Dwaine Clarke
BSc, MEng, PhD (MIT)
417-4333

Colin Depradine
BEng, MSc (Lond.) PhD (UWI)
417-4375

Thomas Edward
BSc, PhD (UWI)
417-4792

Jeffrey Elcock
BSc (UWI), MSc. (Oxon.)
Ph.D. (UWI)
417-4380

Curtis Gittens
BSc (UWI), MSc, PhD (W. Ont.)
417-4473

Mechelle Gittens
BSc (UWI), MSc, PhD (W. Ont.)
417-4465

Hussein Thompson
BSc, PhD (UWI)
417-4558

Paul Walcott
BSc, MPhil (UWI), PhD (City)
417-4372
### Mathematics

**Professor of Mathematical Statistics**

- **Smail Mahdi**
  - BSc, MSc (Constantine), PhD (Montreal)
  - 417-4367

**Emeritus Professor of Mathematics**

- **Charles Cadogan**
  - BSc (Lond-UCWI) PhD (UWI), FTICA
  - 417-4363

**Senior Lecturer**

- **Jayaram Chillumuntala**
  - MSc (Andra), PhD (Madras)
  - 417-4462

**Lecturer**

- **Peter Chami**
  - BSc, PhD (UWI)
  - 417-4369

**Senior Lecturer**

- **Jonathan R. Funk**
  - BSc, MSc (Sask.) PhD (McGill)
  - 417-4383

**Lecturer**

- **Bernd Sing**
  - Dipl. (Tübingen), PhD (Bielefeld)
  - 417-4737

**Lecturer**

- **Guangyu Zhao**
  - A.S. (Yunnan), MSc (Kunming)
  - PhD (Michigan State U)

### Physics & Electronics

**Professor of Theoretical Physics**

- **Tane Ray**
  - BSc, (Illinois), PhD (Boston)
  - 417-4377

**Professor of Condensed Matter Physics**

- **Upindranath Singh**
  - BSc, MPhil. (UWI)
  - MSc, PhD (Delaware)
  - 417-4376

**Emeritus Professor of Physics**

- **L. Leo Moseley**
  - BSc, MSc (UWI), PhD (Wales)
  - 417-4373

**Senior Lecturer**

- **Peter Gibbs**
  - BSc, Dip.Ed. (UWI), MSc (Guelph)
  - 417-4373

**Senior Lecturer**

- **Janak Sodha**
  - BSc, MSc, PhD (Manch.)
  - 417-4573

**Lecturer**

- **Sujit Bag**
  - B.Tech. (IIT Kharagpur), PhD (Leic.)
  - 417-4851

**Lecturer**

- **Carlos Hunte**
  - BSc, MPhil., PhD (UWI)
  - 417-4382

**Lecturer**

- **Ramon Sargeant**
  - BSc, MPhil., (UWI)
  - MSc (King’s College, London)
  - 417-4381

*On Sabbatical Leave*
Visiting Lecturer

Argenis Da Saliva
BSc, MSc (Oriente), PhD (Lousianna State)
417-4790

Temporary Lecturer

Andre Lynch
BSc (UWI),
MSc (Kingston Univ. [London])
417-4129

Visiting Professor

Mauri Valtonen
PhD (Cambridge)

The Caribbean Institute For Meteorology & Hydrology
is an Affiliate Institution whose Faculty members teach our degree programme in Meteorology

Tel: (246) 425-1362
Fax: (246) 424-4733
Website: http://www.cimb.edu.bb

Director

David Farrell
BSc (W. Ont.), MSc, PhD (Manitoba)
425-1367

Senior Lecturer

Adrian Trotman
BSc (UWI), MSc (Reading),
MPhil. (UWI)
425-1362

Lecturer

Cedric Van Meerbeeck
Lic. (Ghent), MSc (Ghent),
Phd (VD Univ. Amsterdam)
425-1362

Lecturer

Shawn Boyce
BSc (UWI), MSc (Newcastle)
425-1362

Lecturer

Kathy-Ann Caesar
BSc (SUNY) MSc (Texas A & M)
425-1362

Lecturer

Margarette Mayers-Als
BSc, MPhil (UWI)
425-1362
Lecturer  Lawrence Pologne
BSc (UWI), MSc (Florida State)
425-1362

Lecturer  Andrea Sealy
BSc (Jackson State),
MSc (Penn. State), PhD (Howard)
425-1362
PRINCIPAL OFFICERS OF THE UNIVERSITY OF THE WEST INDIES

Visitor
Her Majesty the Queen

Chancellor
The Hon Sir George Alleyne
OCC, MD, FRCP, FACP (Hons), Hon. DSc UWI

Vice-Chancellor
Professor E. Nigel Harris
BS Howard, MPhil Yale, MD U of Penn, DM UWI

Chairmen, Campus Councils
Mr Paul Altman
GCM, BCH, JP, LLD

Dr Marshal Hall
CD, BSc Col, PhD Wis

Mr Ewart Williams
BSc, MSc UWI

Sir K. Dwight Venner
CBE, KBE, BSc, MSc, LLD, UWI – Open Campus

Pro-Vice Chancellors
Professor Wayne Hunte
BSc, PhD UWI

Professor Ronald Edward Young
BSc, MSc UWI, PhD St Andrew

Professor Alvin Wint
BSc UWI, MBA Northeastern, DBA Harv

Professor Andrew Downes
BSc (Hons), MSc UWI, PhD Manc

Campus Principals
Professor Sir Hilary Beckles - Cave Hill
BA, PhD Hull

Ambassador Professor The Hon Gordon Shirley - Mona
BSc UWI, MBA, DBA Harv

Professor Clement Sankat - St. Augustine
BSc, MSc UWI, PhD, Guelph, MASAE, MAPETT, FIAgrE

Professor Hazel Simmons-McDonald - Open Campus
BA, Dip. Ed UWI, MA (Ling), MA (Dev Ed), PhD Stanford

Deputy Campus Principals
Professor V. Eudine Barriteau - Cave Hill
BSc UWI, MPA New York, PhD Howard

Mona - Vacant

Professor Rhoda Reddock - St Augustine
BSc UWI, MSc ISS The Hague, PhD Amst

Professor Vivienne Roberts - Open Campus
BSc, DipEd UWI, MSc Tenn, PhD UWI

University Registrar
Mr C. William Iton
BSc UWI, LLM Essex

University Bursar
Mr Archibald Campbell
BSc MSc UWI, FAC

University Librarian
Ms Jennifer Joseph
BA, Dip LS, Dip HR UWI, MLS Columbia

Deputy University Registrar
Ms Cecile Clayton
BA UWI, Dipl (Foreign Service) Oxf, MSc Amer Univ

Public Orators
Robert Leyshon - Cave Hill
BA, MA, Cert Ed PGCE Lond,

Brian Meeks - Mona
BSc, MSc, PhD UWI

Professor Surujpal Teelucksingh - St Augustine
MB BS, MBA UWI, FRCP Ed, PhD Edin

Francis Severin - Open Campus
(M) BA, MSc, PhD UWI
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<th>Department</th>
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<td><strong>STUDENT AFFAIRS</strong></td>
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<td></td>
<td>Tel: (246) 417-4119</td>
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<td>Fax: (246) 438-9145</td>
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<tr>
<td><strong>Admissions:</strong></td>
<td>Assistant Registrar</td>
<td>Mr. Rommel Carter BA, MBA</td>
<td>417-4119</td>
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<td></td>
<td>Administrative Assistant, Admissions</td>
<td>Ms. Maria Dodson BSc</td>
<td>417-4862</td>
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<tr>
<td></td>
<td>Administrative Assistant, Admissions</td>
<td>Mrs. Deborah Knight</td>
<td>417-4122</td>
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<td>Pure &amp; Applied Sciences Faculty Clerk</td>
<td>Mrs. Denise Greenidge</td>
<td>417-4471</td>
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<tr>
<td><strong>Examinations:</strong></td>
<td>Assistant Registrar</td>
<td>Miss. Betty Thorpe BSc, MSc, ACIS</td>
<td>417-4133</td>
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<td>Administrative Assistant</td>
<td>Mrs. Eudine Spooner</td>
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<td>Ms. Ingrid Lashley</td>
<td>417-4135</td>
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<td>Stenographer/Clerk</td>
<td>Miss Ann Arthur</td>
<td>417-4137</td>
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<td><strong>Records:</strong></td>
<td>Administrative Assistant</td>
<td>Miss Nakita Squires, BSc.</td>
<td>417-4140</td>
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<td>Stenographer/Clerk</td>
<td>Ms. Esther Layne, BSc.</td>
<td>417-4143</td>
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<tr>
<td><strong>School for Graduate Studies and Research:</strong></td>
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<td></td>
<td>Senior Assistant Registrar</td>
<td>Mr. Kenneth Walters</td>
<td>417-4902</td>
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<tr>
<td></td>
<td>Administrative Assistant</td>
<td>Mrs. Anita Kinch, B.A.</td>
<td>417-4909</td>
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<td></td>
<td>Administrative Assistant</td>
<td>Ms. Maureen Mullin</td>
<td>417-4910</td>
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<tr>
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<td>Pure &amp; Applied Sciences Faculty Clerk</td>
<td>Miss Tara Moseley, BSc.</td>
<td>417-4905</td>
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