Caribbean Association of Forensic Sciences

in conjunction with the

Chartered Society of Forensic Sciences (UK)

and

The University of the West Indies

Mona Campus, Jamaica

presents the

Inaugural Conference of the Caribbean Association of Forensic Sciences

Faculty of Medical Sciences Teaching and Research Complex
University of the West Indies
Mona, Jamaica
July 20-22, 2016

The Caribbean Association of Forensic Sciences (CAFS) is envisioned to be a regional organization that will be open to all forensic and medicolegal practitioners in the Caribbean region for membership and will function as the professional regional voice and watchdog organization for all forensic practitioners. Its goals are to ensure that the respective standards of practice and expert testimony in all the forensic disciplines in the region are raised to the desired level, thereby providing quality assurance and public confidence in the Criminal Justice Systems. Its overall aim is to promote \textit{professionalism, integrity} and \textit{competence} and to foster research and best practices; to invoke rigorous quality control and to encourage collaboration between the forensic sciences and the Criminal Justice System.

The Founding Executive of the Caribbean Association of Forensic Sciences was put in place on November 18, 2015 and consists of the following professionals who either practise in or have strong professional/academic links in the Caribbean region:
President & C.E.O.: Dr Alfredo E Walker (Forensic Pathologist and Assistant Professor, Canada and Lecturer – UWI Mona MSc Forensic Sciences)

1st Vice President: Professor Wayne Mc Laughlin (Director, Caribbean Genetics and Programme Director, UWI Mona MSc Forensic Sciences)

2nd Vice President: Inspector Gregory Williams (Forensic Scientist, Antigua and Barbuda and Adjunct Lecturer - UWI Mona MSc Forensic Sciences)

Secretary: Dr Sheryl Johnson-Burke (Medical Practitioner, Sexual Assault Examiner and Trainer, Jamaica)

Assistant Secretary: Ms Krystal James (Forensic Scientist, Trinidad and Tobago)

Treasurer: Dr Christine Walters (Lecturer in Statistics – UWI Mona, MSc Forensic Sciences, Jamaica)

Assistant Treasurer: Dr Lissa Pinkney (Forensic Odontologist, Jamaica)

Trustees: Mrs Elizabeth Mullings-Smith (Director – Maya Blue Ltd, United Kingdom)

Dr Gerald Smith (Medical Practitioner and Director – Medicolegal Group of Services, Jamaica)

Public Relation Officers: Dr Sophie Turfus (Forensic Toxicologist and Lecturer - UWI Mona MSc Forensic Sciences Jamaica)

Ms Hillary Mullings (Forensic Scientist, Institute of Forensic Science and Legal Medicine and Lecturer – UWI Mona MSc Forensic Sciences, Jamaica)

This three (3) day inaugural conference has been organised to attract the membership of qualified practitioners and students from the various fields of forensic and medicolegal practice (forensic science, toxicology, forensic pathology, anatomical pathology, clinical forensic medicine, anthropology, forensic odontology, criminal and civil law (prosecutors and criminal defence lawyers), the judiciary, crime scene examiners, police homicide and criminal investigators) whilst also providing an opportunity for learning and Continuing Professional Development/Continuing Medical Education.
The educational content of the programme will consist of a series of presentations taken from across the various forensic science disciplines and will be delivered by a combination of invited international and regional speakers of diverse backgrounds, experience and interests as below:

**Belize**
- **Ms Kimiko Ferguson** - Assistant Director, Forensic Science Laboratory, National Forensic Science Service

**Cayman Islands**
- **Dr David Schudel** - Forensic Scientist and Scientific Support Manager, Royal Cayman Islands Police Service
- **Mrs Angela Tanzillo-Swarts** – Forensic DNA Specialist, Royal Cayman Islands Police Service

**Jamaica**
- **Professor Wayne McLaughlin** – Director, Caribbean Genetics and Programme Director, UWI Mona MSc in Forensic Sciences
- **Inspector Gregory Williams** – Crime Scene Examiner and Forensic Scientist, Adjunct Lecturer – UWI Mona, MSc Forensic Sciences
- **Ms Paula V Llewellyn** – Director of Public Prosecutions, Jamaica
- **Mrs Arlene Harrison Henry** – Public Defender, Jamaica
- **Dr Judith Mowatt** – Director, Institute of Forensic Science and Legal Medicine
- **Dr Prasad Kadiyala** Forensic Pathologist, Institute of Forensic Science and Legal Medicine; Lecturer – UWI Mona MSc Forensic Sciences
- **Ms Hillary Mullings** – Forensic Scientist, Institute of Forensic Science and Legal Medicine; Lecturer – UWI Mona MSc Forensic Sciences
- **Dr Sheryl Johnson-Burke** – Medical Practitioner, Sexual Assault Examiner and Trainer.
- **Dr Nadia Williams** – Consultant Anatomical Pathologist and Director of the DM Pathology Programme, UWI Mona
- **Dr Karen Bishop** – Consultant Anatomical Pathologist, UWI Mona
- **Dr Gerald Smith** – Medical Doctor and Director, Medicolegal Group of Services
- Dr Christine Walters – Lecturer, UWI Mona MSc Forensic Sciences
- Dr Lissa Pinkney – Forensic Odontologist
- Dr Landi Peart – Forensic Odontologist
- Dr Christopher Ogunsalu - Forensic Odontologist and Senior Lecturer - UWI Mona, MSc Forensic Sciences

St Lucia
- Dr Stephen King - Anatomical and Forensic Pathologist

Trinidad and Tobago
- Mr Martin George - Attorney at Law

United Kingdom
- Dr Anya Hunt – CEO, Chartered Society of Forensic Sciences
- Professor Martin Evison – Northumbria University Centre for Forensic Science; President Elect, Chartered Society of Forensic Sciences
- Mrs Gillian Leak – Forensic Scientist and Blood Pattern Analyst, Principal Forensic Services
- Mrs Elizabeth Mullings-Smith – Director, Maya Blue Ltd

USA
- Dr Stephen DeRoux – Medical Examiner, Office of the Chief Medical Examiner, New York
- Dr Gary Collins – Chief Medical Examiner (Delaware)

Canada
- Dr Jayantha Herath – Medical Director, Provincial Forensic Pathology Unit (Toronto, Ontario).
- Dr Kristopher Cunningham – Forensic Pathologist, Provincial Forensic Pathology Unit (Toronto, Ontario).
- Dr Michael Pickup – Forensic Pathologist, Provincial Forensic Pathology Unit (Toronto, Ontario).
• **Dr Alfredo E Walker** - Forensic Pathologist, Eastern Ontario Forensic Pathology Unit (Ottawa, Ontario).

**LECTURES AND SPEAKERS**

The full complement of speakers and the topics to be presented are:

**Anthropology**

• Forensic Facial Comparison – Professor Martin Evison (UK)
• The Body in the Bag – Professor Martin Evison (UK)
• The Relative Location of the Mental Foramen as a Determinant of Sex in Mandibles from Jamaicans – Dr Landi Peart and Dr Christopher Ogunsalu (Jamaica)
• Sexual Dimorphism in the Afro-Caribbean Skull Using Linear Measurements of the Palate with Emphasis on the Incisive Canal - Shikera Fearon and Michael Gardner (Jamaica)
• The Foramen Magnum as a Determinant of Sex in a Series of Jamaican Crania - Kimberly Garvey-Ramocan and Michael Gardner (Jamaica)
• Jugular Foramen: Sexual Dimorphism and Bilateral Asymmetry in Dry Human Skulls of the Jamaican Population – Dr Lissa Pinkney and Dr Christopher Ogunsalu (Jamaica)

**Ballistics**

• TBD - Beta Tam (Hong Kong)

**Bodily Fluids/Serology**

• Can you see it? The Ability to Detect and Identify Trace Amounts of Body Fluids - Hillary Mullings (Jamaica)

**Blood Pattern Analysis**

• The Basics of Blood Pattern Analysis – Mrs Gillian Leak (UK)

**Capacity Building**

• Analysis of the Forensic Pathology Services in the Caribbean – Anton Small and Dr Alfredo Walker (Jamaica)
• New Directions in Forensic Science Management – Elizabeth Mullings-Smith (UK)
Clinical Forensic Medicine

- Sexual Assault: An Easy Act to Perform but Difficult to Prove – Dr Jayantha Herath (Canada)
- The Centre for Investigation of Sexual Offence and Child Abuse (CISOCA) in Jamaica - Dr. Sheryl Johnson-Burke (Jamaica)
- The Provision of Private Medicolegal Services in the Caribbean – Dr Gerald Smith (Jamaica)

Crime Scene Management

- Murder of the Honeymooners - Inspector Gregory Williams (Jamaica)

Criminalistics

- The Effects of Fingerprinting Techniques on DNA Analysis – Krystal James, Gregory Williams and Wayne McLaughlin (Jamaica)
- Evaluating Fingerprint Products and Techniques on Different Surfaces – Lavana Dabb, Gregory Williams and Christine Walters (Jamaica)

Digital Forensics

- The Status of Digital Forensic Examination within the Caribbean - TBD

DNA

- Establishing a Forensic DNA Laboratory in the Caribbean: The Birth of Caribbean Genetics - Wayne McLaughlin (Jamaica)
- Establishing a DNA Database – Compton Beecher (Jamaica)
- New Frontiers in DNA Profiling – Angela Swarts (Cayman Islands)
- The persistence of DNA samples in the Caribbean – Angela Swarts (Cayman Islands)
- Likelihood-ratio analysis applied to Cayman DNA stats – Angela Swarts (Cayman Islands)
- CODIS/DNA banking for the Caribbean– Angela Swarts (Cayman Islands)
• Quantification of DNA from Blood Samples treated with Various Cleaning Agents – Anton Small and Dr Compton Beecher (Jamaica)

Education

• The UWI Mona MSc in Forensic Sciences: Development, Implementation and Achievements – Professor Wayne Mc Laughlin (Jamaica)
• The Road towards the Establishment of Fellowship Training in Forensic Pathology in the Caribbean: Mythical Monster or Realistic Possibility? – Dr Nadia Williams (Jamaica)

Forensic Chemistry

• Novel Route for the Synthesis of Illicit Amphetamine – Dr David Schudel (Cayman Islands)
• New Drugs: An Overview and Comment on the State of Drug Legislation in the Caribbean – Dr David Schudel (Cayman Islands)

Fingerprints and Marks

• The Current Status of Forensic Science in the Caribbean - Inspector Gregory Williams (Jamaica)

Fire Investigation

• The Investigation of Fire Scenes – Fitzmore Coates (Jamaica)
• Arson Investigation Critical Thinking and Analysis - Dr David Schudel (Cayman Islands)

Forensic Collaborations

• The Chartered Approach to Working Together - Dr Anya Hunt (UK)

Forensic Radiology

• The Utility of Post Mortem Imaging- Dr Michael Pickup (Canada)

Forensic Odontology

• Dental Forensics: Where are we now? Where do we need to be? How do we get there? - Dr Lissa Pinkney (Jamaica)
• A Dead Case before the Trial - Dr Christopher Ogunsalu (Jamaica)
Forensic Pathology

- Practising Forensic Pathology in Jamaica: Where Are We Along the International Spectrum - Prasad Kadiyala (Jamaica)
- Forensic Pathology and the Community: The Saint Lucian Experience – Dr Stephen King (St Lucia).
- The Ontario Forensic Pathology Service: A Model for the Managed Delivery of Forensic Pathology Services over a Large Geographical Region – Dr Jayantha Herath (Canada)
- Sudden Cardiac Death: Genetic Considerations - Dr Kristopher Cunningham (Canada)
- Quality Assurance in Forensic Pathology: How to Protect the Criminal Justice System – Dr Alfredo E Walker (Canada)
- Seeking Answers to the Burning Questions: Review of A Fire Death in A German Police Cell – Dr Alfredo E Walker (Canada)

Jurisprudence

- Courtroom Injury Presentation Techniques: The Role of Computer-Generated Images – Dr AE Walker (Canada)
- Expert Witness Testimony in Forensic Science and Medicine – The Good, the Bad and the Ugly – Dr David Schudel (Cayman Islands)
- Medical Negligence and Civil Litigation in Trinidad and Tobago – Martin George (Trinidad and Tobago).
- The Importance of Forensic Science in the Prosecutor's Tool Kit - Ms Paula V Llewellyn (Director of Public Prosecutions, Jamaica)
- A Forensic Science and Pathology in Jamaica: Implications for Legal Aid Defendants - Mrs Arlene Harrison Henry (Public Defender, Jamaica)

Laboratory Management

- Overview of the Forensic Science Laboratory in Belize - Ms Kimiko Ferguson (Assistant Director, Forensic Science Laboratory, Belize)
• Coping with an ever increasing Crime Rate: The Challenges Faced by the Institute of Forensic Science and Legal Medicine in Jamaica - Dr Judith Mowatt (Jamaica)

Mass Disaster Management
• Mass Disaster Preparedness: Implications for the Forensic Pathologist – Dr Gary Collins, Chief Medical Examiner (Delaware, USA)

Pediatric Pathology
• Paediatric Pathology in the Caribbean – Karen Bishop (Jamaica)
• The Investigation of Sudden Unexpected Death in Infancy - Dr Jayantha Herath (Canada)

Toxicology
• Powdered Fentanyl: A Case Report – Dr Alfredo E Walker (Canada)
• Establishing a Geographical Fingerprint for the Source of Origin of Cannabis - Carole Lindsay (Jamaica)
• Not Your Granny's Bath Salts - Dr Stephen De Roux (New York)

CONTINUING PROFESSIONAL DEVELOPMENT AND CONTINUING MEDICAL EDUCATION CREDITS

This programme will attract CPD/CME credits from the Medical Council of Jamaica, the Jamaican Dental Association, the Jamaica Bar Association and the Chartered Society of Forensic Sciences. The respective CPD/CME certificates will be issued to registered participants.

CONFERENCE FEE SCHEDULE

The fees to register for the conference according to the status of the registrant are as outlined below. An Early Bird Discount Fee will be applicable for all registrations made by midnight on June 30, 2016. The Full Registration fee will be applicable for registrations made after June 30, 2016.

<table>
<thead>
<tr>
<th>Designation</th>
<th>Early Bird Registration (by June 30, 2016)</th>
<th>Full Registration (after June 30, 2016)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

9
<table>
<thead>
<tr>
<th>Profession</th>
<th>Undergraduate Fee</th>
<th>Postgraduate Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Forensic Scientists</td>
<td>$150.</td>
<td>$250.</td>
</tr>
<tr>
<td>Forensic Pathologists</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Medical Examiners</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Anatomical Pathologists</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clinical Forensic Medical Practitioners</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DPP Lawyers</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Defence Criminal Bar</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Judges and Magistrates</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Crime Scene Examiners</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Scenes of Crime Officers</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Homicide and Criminal Investigators</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Undergraduate Students – Forensic Science, Medicine, Natural Sciences and Law</td>
<td>$75.</td>
<td>$125.</td>
</tr>
<tr>
<td>Postgraduate Students – Forensic Science, Medicine, Natural Sciences and Law</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Laboratory Technologists and Technicians – Forensic Science, Pathology and Forensic Pathology</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**CONFERENCE REGISTRATION**

Registration for the conference will be facilitated by the Faculty of Medical Sciences, UWI Mona, Jamaica through its subsidiary Caribbean Genetics (CARIGEN) via submission of a completed CAFS Conference Registration Form with indication of the preferred method of payment (cheque or credit card) of the registration fee. The CAFS Conference Registration Form can be found at the end of this document.

The discounted *Early Bird Registration Fee* will be applicable for all registrations received by midnight on June 30, 2016. The *Full Registration fee* will be applicable for registrations made after June 30, 2016. The registration period ends on July 15, 2016.

All conference registration forms with a method of payment must be returned to:

- Ms. Thornia Smith  
  Senior Administrative Assistant - Department of Basic Medical Sciences  
  Faculty of Medical Sciences Teaching and Research Complex  
  University of the West Indies, Mona  
  Kingston 7, Jamaica  
  Tel: 1 876 970 1194 (direct line) or UWI Mona Ext 8052
HOTEL ACCOMODATION

A block of rooms has been negotiated at the Jamaica Pegasus Hotel (http://jamaicapegasus.com/) at discounted nightly rates (inclusive of breakfast) until June 30, 2016 on a first come, first served basis. The negotiated nightly rates according to room type are as below:

<table>
<thead>
<tr>
<th>Room Type and Bed</th>
<th>Single</th>
<th>Double</th>
<th>Triple</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deluxe Room King</td>
<td>US$150.60</td>
<td>US$172.60</td>
<td>US$194.60</td>
</tr>
<tr>
<td>Deluxe Junior Suite</td>
<td>US$160.50</td>
<td>US$182.50</td>
<td>US$204.50</td>
</tr>
<tr>
<td>Royal Junior Suite King</td>
<td>US$185.80</td>
<td>US$207.80</td>
<td>US$229.80</td>
</tr>
</tbody>
</table>

These nightly rates include:
- Full buffet breakfast
- Government Tax of 16.5% and Service Charge of 10%
- Energy Surcharge of US$8
- Special Room Tax of US$4

The maximum capacity of the bedrooms is 4 persons with an extra person charge of US$25.30 per person (applicable for the 4th person in the room).

Kindly contact the Jamaica Pegasus Hotel directly to book your rooms, quoting the Group Reference Block Code 160720CAFS.

Jamaica Pegasus Hotel (http://jamaicapegasus.com/)
81 Knutsford Boulevard
Kingston
Kingston 5, Jamaica
Tel: 1 (876) 926 3691-9
Email: reservations@jamaicapegaus.com
CONFERENCE DIRECTORS

1. **Dr Alfredo E Walker MB.BS, FRCPath, DMJ (Path), MFFLM, MCSFS, Dip Teach Train**
   Founding President – Caribbean Association of Forensic Sciences
   Assistant Professor, University of Ottawa
   Forensic Pathologist, Eastern Ontario Forensic Pathology Unit
   Division of Anatomical Pathology - Eastern Ontario Regional Laboratory (EORLA)
   The Ottawa Hospital - General Campus
   501 Smyth Road
   Ottawa, Ontario K1H 8L6
   Email: aewalker@toh.on.ca

2. **Professor Wayne McLaughlin BSc (Waterloo), PhD (UWI)**
   Founding Vice President – Caribbean Association of Forensic Sciences
   Deputy Dean - Faculty of Medical Sciences
   Director – MSc Programme in Forensic Sciences
   Director – Caribbean Genetics (CARIGEN)
   Faculty of Medical Sciences Teaching and Research Complex
   University of the West Indies, Mona
   Kingston 7, Jamaica
   Email: wayne.mclaughlin@uwimona.edu.jm

3. **Inspector Gregory J Williams DIP CSI Amgnt, BSc (Hons), MSc, PhD candidate**
   Founding Vice President – Caribbean Association of Forensic Sciences
   Lecturer, MSc Forensic Sciences
   Faculty of Medical Sciences Teaching and Research Complex
   University of the West Indies, Mona
   Kingston 7, Jamaica
   Email: gregory.williams@uwimona.edu.jm

4. **Dr Christine Walters PhD, MSc, BA**
   Founding Treasurer – Caribbean Association of Forensic Sciences
   Lecturer – MSc Forensic Sciences
   Faculty of Medical Sciences Teaching and Research Complex
   University of the West Indies, Mona
   Kingston 7, Jamaica
   Email: christine.walters02@uwimona.edu.jm
CONFERENCE SECRETARIAT

Jamaica

- Ms Thornia Smith
  Senior Administrative Assistant
  Department of Basic Medical Sciences
  Faculty of Medical Sciences Teaching and Research Complex
  University of the West Indies, Mona
  Kingston 7, Jamaica
  Tel: 1 876 970 1194 (direct line) or UWI Mona ext 8052
  Fax: 1 876 977 9285
  Email: thornia.smith@uwimona.edu.jm

- Dr Sheryl Johnson Burke
  Secretary – Caribbean Association of Forensic Sciences
  c/o CARIGEN
  Faculty of Medical Sciences Teaching and Research Complex
  University of the West Indies, Mona
  Kingston 7, Jamaica
  Email: sherylburke@hotmail.com

MEMBERSHIP OF THE CARIBBEAN ASSOCIATION OF FORENSIC SCIENCES

All eligible professional persons who work in a forensic science discipline or medicolegal field and undergraduate/postgraduate students pursuing courses of study in these areas, will be eligible to apply for membership. The various categories of CAFS membership, the criteria for membership application, details of the application process and the payable application fees will be published in the near future.

Registered participants of the Inaugural Conference of the Caribbean Association of Forensic Sciences who fulfill the published criteria for membership into a particular forensic science or medicolegal field and are therefore eligible for membership of the CASFS in a defined membership category can apply for Founding Member status of that membership category.

In the interim, expressions of interest for membership of the CAFS can be emailed to Inspector Gregory Williams (gregory.williams05@uwimona.edu.jm), 2nd Vice President of the CAFS.