In one, intensive day, join an **international** and **interdisciplinary** faculty of experts.

Explore important, new scientific findings and learn about their **practical implications** and their evidentiary use in criminal cases, including:

- Advances in Forensic DNA Testing – genealogy, familial searching and the shifting science of identity
- What forensic sciences have achieved foundational validity?
- How to demonstrate accuracy and objectivity in relation to a forensic science
- Cannabis, Alcohol and Drug Testing – What’s new?

**Keynote Speaker**

**Dr. Frederick Bieber**, Faculty of Medicine, Harvard University, Medical Geneticist, Brigham and Women’s Hospital, Boston, Mass.

Register today at:

osgoodepd.ca/forensic-crim
Research findings and developments in forensic science often overturn long held assumptions. Courts, in their gatekeeping role must move cautiously in determining the admissibility and probative value of “new science” evidence. Up to date knowledge of the questions and issues being raised relating to these developments is essential for all those involved in the criminal justice system.

This OsgoodePD forum is designed to be an open, interactive and thought-provoking gathering of participants across a broad spectrum of the criminal justice system to debate and discuss the practical application and implications of new scientific developments in several key areas.

Topics Include

- Genetic genealogy
- Biogeographic ancestry testing
- Collecting and presenting forensic evidence in court; Getting it right
- How to demonstrate accuracy and objectivity in relation to a forensic science
- Drug recognition evaluation program
- and more

Who Should Attend?

- Forensic Scientists
- Law Enforcement Investigators
- Forensic Lab Trainers and Supervisors
- Lawyers
- Forensic Science Academics
- Judges

Register today at:
osgoodepd.ca/forensic-crim
10:30 a.m.  
Refreshment Break

10:45 a.m.  

Ethics and Forensic Science

Speakers

Stephen Goudge, Q.C.  
Counsel, Paliare Roland Rosenberg Rothstein LLP, Former Justice of the Court of Appeal for Ontario (Moderator)

Anthony Tessarolo  
Director, Centre of Forensic Sciences, Ministry of the Solicitor General, Ontario

Mary Humphrey  
General Counsel, Ministry of the Attorney General, Ontario

Danielle Robitaille  
Henein Hutchison LLP

• What are the ethical obligations imposed on justice system participants when collecting and presenting forensic evidence in a court proceeding?
• What happens when forensic scientists get it wrong?
• Who is responsible for ensuring they get it right?
• Best practices for the laboratory and the courtroom

12:15 p.m.  
Luncheon

12:45 p.m.  

Keynote Address: “Standing at the Crossroads of Science and Law: The Technology of Justice”

Dr. Frederick Bieber  
Faculty of Medicine, Harvard University, Medical Geneticist, Brigham and Women’s Hospital, Boston, Massachusetts

1:45 p.m.  

Objectivity vs. Subjectivity in Scientific Analysis

Speakers

The Hon. Justice David Rose  
Ontario Court of Justice (Moderator)

Melanie Richard  
Forensic Biologist, Biology Section, Centre of Forensic Sciences, Ministry of the Solicitor General, Ontario

Amanda Myslik  
Forensic Firearms Examiner, Physical Sciences Section, Centre of Forensic Sciences, Ministry of the Solicitor General, Ontario

S/Sgt. Trevor McLeod  
Forensic Identification Services, Ontario Provincial Police

Caitlin Pakosh  
Assistant Crown Attorney, Ministry of the Attorney General, Ontario

Jonathan Shime  
Cooper, Sandler, Shime & Bergman LLP

In 2009 the U.S. National Research Council, and again in 2016, the President’s Council of Advisors on Science and Technology issued reports on the state of feature comparison forensic evidence:

• What happened since then?
• What forensic sciences have achieved foundational validity?
• How to demonstrate accuracy and objectivity in relation to a forensic science
• After STRMix is DNA evidence a more polished gold standard?

3:15 p.m.  
Refreshment Break

3:30 p.m.  

Expert Roundtable: Cannabis, Alcohol and Drug Testing

Speakers

The Hon. Justice Joseph Kenkel  
Ontario Court of Justice (Moderator)

Nathan Baker  
Nathan Baker Law

Douglas Beirness  
Canadian Centre on Substance Use and Addiction

Reed Holland  
York Regional Police Service

James Palangio  
Counsel, Crown Law Office – Criminal, Ministry of the Attorney General, Ontario

• Drug impaired driving
• Drug recognition evaluation program
• Standard field sobriety testing
• Blood, oral fluid and urine- what is the science of impairment?
• Too high to drive? Prove it.

5:00 p.m.  
Program Concludes

Excellent cross-section of speakers. One of the best conferences I have attended.
Law Enforcement Forensic Unit

A program with a great balance of science and law.
Criminal Lawyer

A great sharing of information, very informative with lots of cases as examples.
Forensic Scientist

Great presenters, great topics and great debates.
Crown Attorney
Registration Details

Fee per Delegate
$495 plus HST
New call/licensee (2016 – present): 50% discount (reg rate)

Fees include attendance, electronic program materials, lunch and break refreshments. Group discounts are available. Visit www.osgoodepd.ca/group-discounts for details. Please inquire about financial assistance.

Program Changes
We will make every effort to present the program as advertised, but it may be necessary to change the date, location, speakers or content with little or no notice. In the event of program cancellation, York University’s and Osgoode Hall Law School’s liability is limited to reimbursement of paid fees.

Cancellations and Substitutions
Substitution of registrants is permitted at any time. If you are unable to find a substitute, a full refund is available if a cancellation request is received in writing 14 days prior to the program date. If a cancellation request is made with less than 14 days notice, a $75 administration fee will apply. No other refund is available.

OsgoodePD has been approved as an Accredited Provider of Professionalism Content by the LSO.

Eligible CPD Hours – LSO (ON): 7h 25m CPD
(5h 25m Substantive; 2h Professionalism)

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National Symposium on Forensic Science in Criminal Cases
New Developments, Good Evidence?

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