



# PLACE OF PROMISE

## Supporting Forensic Science at the University of Windsor

Forensic science applies forensic techniques and knowledge of an area of natural or social sciences to crime scene investigation.

Forensic Science at the University of Windsor is one of the leading such programs in Canada and the top forensic science program in Ontario. We offer Forensic Science degrees with either a Science or Social Science specialization.

Our classroom and lab experiences emphasize the identification, preservation and analysis of evidence, while developing interpersonal, public-speaking, and critical-thinking skills. Students learn about reporting and presenting forensic evidence in courts, and study aspects of law, criminality, judicial systems, and the importance of high ethical standards in forensic investigations.

Starting in first year, we provide our students extraordinary, hands-on experience in evidence-based techniques through laboratory courses, mock crime scene investigations, our popular CSI-Windsor workshops, and other outreach activities.

Our students learn about the latest forensic technologies in 3-D crime scene reconstruction and scene processing, high-profile documents analysis, biometrics research, and computerized fingerprint analysis, among others.

As a forensics leader, we present the annual Trends in Forensic Sciences conference—the only university forensics conference in Canada. [www.uwindsor.ca/tifs](http://www.uwindsor.ca/tifs)

In addition, we publish the peer-reviewed *Journal of Emerging Forensic Sciences Research (JEFSR)*. <https://ojs.uwindsor.ca/ojs/leddy/index.php/JEFSR>

# PLACE OF PROMISE

Supporting the University of Windsor

## OUR STUDENT EXPERIENCE

### CRIME SCENE 3-D RECONSTRUCTION AND SCENE PROCESSING

Our FARO Reality 3-D and free-style scanner allows students to reconstruct crime scenes with greater accuracy by utilizing 3-D point cloud models.

### FORENSIC HIGH-PROFILE DOCUMENTS ANALYSIS

Our Video Spectral Comparator (VSC 40HD) can detect alterations in counterfeit documents. It familiarizes students with the examination and verification of the security features incorporated into passports, driver's licences, bank notes, identity cards and credit cards.

### FORENSICS BIOMETRICS RESEARCH PLATFORM

Our i-motions Biometrics Research Platform—the only one of its kind in a Canadian university—performs facial expression analysis. It is used in tandem with equipment that measures skin response and heart rate. In addition, our students have access to Speechpro Voice Analysis.

### INNOVATIVE FORENSIC MEDICINE RESEARCH

Our innovative forensic medicine research and practicum incorporates the Anatomage in vivo medical design studio. This renowned imaging software is FDA cleared for clinical applications and useful for forensic applications and virtual autopsies. For example, it can open an MRI, CT or PET scan for immediate 2-D slice viewing or instant 3-D reconstruction.

### COMPUTERIZED FINGERPRINT ANALYSIS

Our students use the powerful, Canadian-made fingerprint analysis software, CSI-pix Matcher, which trains them in futuristic, computerized fingerprint comparison and analysis.

### CSI-WINDSOR WORKSHOPS

Our popular CSI-Windsor initiative conducts workshops as part of our student labs, and as high school and community outreach. These hands-on sessions teach diverse forensic evidence analysis skills and build an understanding of practical applications to real-world scenarios.

### TRENDS IN FORENSIC SCIENCES (TIFS) CONFERENCE

We host the annual Trends in Forensic Sciences (TIFS) conference in academic collaboration with Wayne State University, based in Detroit, Mich. Details are available at [www.uwindsor.ca/tifs](http://www.uwindsor.ca/tifs).

## OPPORTUNITIES FOR GROWTH

Our Forensic Science programs are rooted in a vibrant research culture and commitment to academic excellence. Your support is essential to preserving and expanding upon these strengths.

Our goal is to continue our important work in scientific discovery, innovation, and the training of future forensic scientists, professional and entrepreneurs.

With your help, we can offer the exceptional resources in the classroom, laboratory and field that will continue to attract the best and brightest faculty and students for years to come.

### FUNDRAISING PRIORITIES INCLUDE:

- Equipment, supplies, licenses and software upgrades
- Program supports
- Scholarships
- Research travel awards

**YOUR SUPPORT IS HELPING THE UNIVERSITY OF WINDSOR  
BE A PLACE OF PROMISE.**

401 Sunset Avenue Windsor ON N9B 3P4 519-253-3000

[PlaceofPromise.ca](http://PlaceofPromise.ca)



University  
of Windsor