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# STUDENT ACADEMY OF FORENSIC SCIENCES

Tuesday — February 22, 2022  
Sheraton Grand Seattle  
Grand Ballroom  
Seattle, WA



## *Program*

***Check-in: 8:30 a.m. — 9:00 a.m.***  
***The program begins at 9:00 a.m. and ends at 2:00 p.m.***  
***Case study begins promptly at 9:30 a.m.***  
***Lunch will be provided for attendees.***

*The \$15 fee includes lunch, a notebook, and prize giveaways throughout the session.*

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*Forensic science is the application  
of science to the just resolution  
of legal issues.*

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**AMERICAN ACADEMY OF FORENSIC SCIENCES**  
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## STUDENT ACADEMY OF FORENSIC SCIENCES



The purpose of the Student Academy of Forensic Sciences is to bring to the attention of young people the vital importance of the application of scientific principles to the administration of justice. It acquaints the participants with the role of the forensic science disciplines in the legal system as well as the education and training required for a career in each of the disciplines.

The forensic sciences involve the application of scientific skills of examination and evaluation to the resolution of social and legal issues. Law is the common core of the forensic sciences. To be effective, the forensic scientist must not only be an expert in the skills of his/her discipline, but must also be able to communicate his/her insights and findings in a court of law and before administrative tribunals.

The American Academy of Forensic Sciences, founded in St. Louis, MO, in 1948, is the only organization in the world that combines all of the various scientific disciplines involved with the administration of justice.

**ANTHROPOLOGY** — The application of standard techniques of physical anthropology in identifying skeletal or otherwise unidentifiable remains.

**CRIMINALISTICS** — The analysis, identification, and interpretation of physical evidence. The primary aim of the criminalist is to provide an objective application of the natural and physical sciences to physical evidence in the reconstruction of events to prove a crime and to connect or eliminate a suspect and/or a victim with/from that crime.

**DIGITAL & MULTIMEDIA SCIENCES** — The examination and comparison of digitized numerals, images, and analog and digital audio and video.

**ENGINEERING SCIENCES** — Forensic engineering involves the sciences and the art of applying scientific principles to the investigation, analysis, and reconstruction of physical events.

**GENERAL** — A variety of emerging disciplines and investigation sub-specialties are included in this discipline.

**JURISPRUDENCE** — The study and utilization of forensic science as it applies in a courtroom setting.

**ODONTOLOGY** — The branch of dentistry which deals with the proper handling and examination of dental evidence and with the proper evaluation and presentation of dental findings in the interest of justice.

**PATHOLOGY/BIOLOGY** — The investigation and interpretation of injury and death resulting from violence, as in homicides, suicides or accidents, or occurring suddenly, unexpectedly, or in an unexplained manner.

**PSYCHIATRY & BEHAVIORAL SCIENCE** — The practice of psychiatry which deals with the application of psychiatric theory and practice to a variety of legal issues.

**QUESTIONED DOCUMENTS** — The scientific examination of handwriting, typewriting, printing, ink, paper, or any other aspect of a document for the purpose of determining various legal questions concerning the document.

**TOXICOLOGY** — The study and understanding of the harmful effects of external substances introduced into living systems with a medicolegal context.

## FACULTY

### **Student Academy Chair**

*Marilyn Miller, Ed.D.*  
VA Commonwealth University  
Richmond, VA

### **Student Academy Co-Chair**

*Lynn Schneeweis, MS*  
MA State Police Crime Laboratory  
Maynard, MA

### **Anthropology**

*Ginesse A. Listi, PhD*  
Louisiana State University  
Baton Rouge, LA

### **Criminalistics**

*Kelly Knight, MS*  
George Mason University  
Fairfax, VA

### **Digital & Multimedia Sciences**

*Douglas Lacey, MS*  
Forensic AVI Examiner  
Staffard, VA

### **Engineering Sciences**

*Roy Crawford, BSME*  
RR Crawford Engineering, Inc.  
Whitesburg, KY

### **General**

*Brian Clark, MFS*  
Chicago, IL

### **Jurisprudence**

*Pamela A.W. King, JD*  
Minnesota State Public Defender Office  
Rochester, MN

### **Odontology**

*Lillian Nawrocki, DDS*  
Office of the Medical Examiner Suffolk  
County, NY

### **Pathology/Biology**

*J.C. Upshaw Downs, MD*  
Savannah, GA

### **Psychiatry & Behavioral Science**

*Eleanor B. Vo, MD*  
OmaDesala Psychiatric Services Ewing,  
NJ

### **Questioned Documents**

*Kelsey Osborn*  
Osborn & Son  
Middlesex, NJ

### **Toxicology**

*Sabra Batch-Jones, MS*  
Boston University School of Medicine  
Boston, MA