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# SCTUDENT ACADEMY OF FORENSIC SCIENCES

**Tuesday, February 20, 2024**  
**Hyatt Regency Downtown**  
**650 15<sup>th</sup> Street**  
**Central Ballroom DE**  
**Denver, CO**



## *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 \$25 fee includes lunch, meeting bag, notebook, as well as prize give aways 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

410 North 21st Street • Colorado Springs • Colorado • 80904  
(719) 636-1100 • Fax: (719) 636-1993 • Website: [www.aafs.org](http://www.aafs.org)

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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 discipline, but must also be able to communicate his 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 that crime.

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

**FORENSIC NURSING SCIENCE** — Active in an extensive range of subspecialties, including pediatric and adult sexual assault, psychiatric mental health, nursing jurisprudence, death investigation, intimate partner violence, child and elder abuse, human trafficking,

**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 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**

*Lynn A. Schneeweis, MS*  
Massachusetts State Police Crime Laboratory  
Maynard, MA

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

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

### **Anthropology**

*Lauren R. Pharr Parks, PhD*  
Memphis, TN

### **Criminalistics**

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

### **Digital & Multimedia Sciences**

*Douglas Lacey, MS*  
BEK TEK LLC  
Stafford, VA 22556

### **Engineering Sciences**

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

### **Forensic Nursing Science**

*Amy Y. Carney, PhD*  
San Marcos, CA

### **General**

*Natalie M. Borgan, MS*  
Flat Rock, MI

### **Jurisprudence**

*M.J. MeNedez, JD, JD*  
Center For Science Res & Ed  
Willow Grove, PA

### **Odontology**

*Lillian A. Nawrocki, DDS, DABFO*  
Orlando, FL

### **Pathology/Biology**

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

### **Psychiatry & Behavioral Science Emily**

*D. Gottfried, PhD*  
Medical University of South Carolina  
Charleston, NC

### **Questioned Documents**

*Cami Fuglsby, BS*  
South Dakota State University  
Brookings, SD

### **Toxicology:**

*Ashraf Mozayani, PharmD., Ph.D. F-ABFT*  
Texas Southern University  
Houston, TX  
[Ashraf.Mozayani@tsu.edu](mailto:Ashraf.Mozayani@tsu.edu)

*George F. Jackson, Ph. D., F-ABFT*  
NJ Office of the Chief State Medical Examiner  
Township, NJ  
[George.jackson@doh.nj.gov](mailto:George.jackson@doh.nj.gov)

