
SCTUDENT ACADEMY OF FORENSIC SCIENCES

**Tuesday, February 18, 2025
Hilton Baltimore Inner Harbor
Key Ballroom 1-6
401 West Pratt Street
Baltimore, MD**



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 \$35 fee includes lunch, handout, notebook, and prize give aways throughout the session.

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

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 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 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 that 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

Engineering Sciences

Roy Crawford, PE
RR Crawford Engineering, Inc.
Whitesburg, KY

Forensic Nursing Science

Amy Y. Carney, PhD
California State University
San Marcos, CA

General

Natalie M. Borgan, MS
FBI
Detroit, MI

Jurisprudence

TBD

Odontology

Lillian A. Nawrocki, DDS
Orlando, FL

Pathology/Biology

Jamie Downs, MD
ForensX, LLC
Johns Island, SC

Psychiatry & Behavioral Science

TBD

Questioned Documents

TBD

Toxicology

Ashraf Mozayani, PhD
Texas Southern University
Houston, TX

George F. Jackson, PhD
Burlington Township, NJ

Program Schedule

9:00 am - 9:10 am	Introduction <i>Lynn A. Schneeweis, MS</i>
9:10 am - 9:20 am	Welcome <i>Christopher Thompson, MD</i>
9:20 am - 9:30 am	"The Case" <i>Ginesse A. Listi, PhD</i>

The Forensic Sciences Group I Disciplines

9:30 am - 10:45 am	Pathology/Biology <i>Jamie Downs, MD</i>
	Anthropology <i>Lauren R. Pharr Parks, PhD</i>
	Odontology <i>Lillian A. Nawrocki, DDS</i>
	Toxicology <i>George F. Jackson, PhD; Ashraf Mozayani, PhD</i>
	Digital & Multimedia Sciences <i>Douglas Lacey, MS</i>
	Forensic Nursing Science <i>Amy Y. Carney, PhD</i>
10:45 am - 11:00 am	Q&A, Assignment, and Break

The Forensic Sciences Group II Disciplines

11:00 am - 12:15 pm	General <i>Natalie M. Borgan, MS</i>
	Criminalistics <i>Kelly Knight, MS</i>
	Questioned Documents <i>TBD</i>
	Engineering & Applied Sciences <i>Roy Crawford, PE</i>
	Psychiatry & Behavioral Science <i>TBD</i>
12:15 pm - 1:30 pm	Lunch and Student Trivia
1:30 pm - 1:45 pm	Case Conclusion
1:45 pm - 2:00 pm	Wrap-Up