

Tentative Workshops/Courses

Crime Scene Fred Ewell, FLETC

This course will be set up as a "hands on" type of instruction. It will be designed to help new Crime Scene Technicians as well as challenge the most advanced Crime Scene Technicians. The students will actually process a mock crime scene and the course will be approximately 8 hours. (8 hours)

Post Blast SA Gene Fleming, ATF

This course will discuss post blast situations. The instructor will talk about evidence, fingerprint evidence packaging, and supergluing in the field. More information coming soon about this course. This class will be conducted on and off site due to the nature of the course. (12 hours)

Underwater Crime Scene Investigation Lisa Maxwell, Thomasville PD

This course is designed to demonstrate how to conduct an underwater crime scene investigation. You are encouraged to bring your dive equipment if you have it. This course will be conducted in the classroom/swimming pool. (4 hours)

Post Mortem Intervals Rodney Bryan, GBI

Class will provide information regarding the post mortem intervals such as the blood settling patterns after death and the chemical process that occurs which causes decomposition. (2 hours)

FBI's Next Generation (NGI) Program Robert Holman, FBI

Discussion of the significant advances of the FBI's Next Generation (NGI) Program. The NGI will further advance the FBI's biometric identifications services, providing an incremental replacement of current IAFIS technical capabilities, while introducing new functionality. NGI improvements and capabilities are being introduced across a multi-year timeframe within a phased approach. The NGI will offer state-of-the-art biometric identification services and provide a flexible framework of core capabilities that will serve as a platform for multimodal biometric functionality. (1 hour)

Preparing for the IAI Latent Print Certification Exam Kathleen Farrell, CLPE Mack Brazelle, CLPE

We have found there are many people who are qualified to take the test but for whatever reason have not done so. Our goal is to give examiners the motivation and confidence to take the first step. This class will provide an overview of the requirements and application process for the IAI Latent Print Certification Exam. Students will be informed on what to expect and how to prepare for the test

questions. Completing the comparison portion of the test is often the most challenging part. Strategies and helpful tips in latent analysis will enhance your chances for success.

Kathleen and Mack are IAI Certified Latent Print Examiners working for the Treasury Inspector General for Tax Administration (TIGTA) Forensic Science Laboratory located in Beltsville, MD. (8 hours)

Blood Pattern Analysis
Jerry Findley

This eight hour course is designed to assist the crime scene investigator in understanding the dynamics of blood at a crime scene. The above will be accomplished through lecture and demonstrations.

Topics will include: Origin of blood patterns, Identification of stains and patterns, Interpretation of blood stain patterns, Area of origin demonstration. (8 hours)

Crime Scene Photography
Bryan Smith, GBI

Course will discuss basic Crime Scene Response concerns and issues. Basic photography concepts including but not limited to: Composing photographs, focus, depth of field aperture settings, shutter speeds, film speeds and other lighting and exposure considerations. Discuss the application of basic photography techniques to crime scene photography. Legal issues and concerns in crime scene photography Digital versus 35 mm photography. Students are encouraged to bring their Photography equipment to this course. (4 hours)

Forensic Animations and Illustrations
Scott Short, GSP
Lawayne Turner, GSP

This course is intended to make members aware of the forensic animation and graphic illustration capabilities of the Georgia State Patrol, and how our animators can assist agencies around the state with creating and presenting these items in court. (2 hours)

FBI Universal Latent Workstation (ULW)
Marian Price, FBI

This course is designed to familiarize the student with the Federal Bureau of Investigation's ULW software that is used on the IAFIS. Students are REQUIRED to bring their own laptops for this course. This course is hands-on training and should be limited to those who are currently running ULW software or in the process of obtaining ULW software. Class size is limited to 25. Attendees will be required to register for this course. (16 hours)

Note: If you have latent prints from ACTUAL cases that you would like to search against the FBI's Latent Print Database, please bring photographed images of the prints on a CD or your laptop. Images from thumb drives are not permitted.

For attendees who are attending this course ONLY and no other courses or social functions during the conference, there will be no registration fee.

Individualization Using Fingerprints: Scientifically Reliable,
Legally Valid
Henry Swofford, USACIL

The adversarial structure of the American judicial system encourages critical review and challenge of incriminating evidence. The discriminatory power of fingerprint identification has been a prime target of debate among critics of the discipline arguing that fingerprint identification is neither scientifically reliable nor legally valid, and thus expert testimony to identifications should be excluded from the legal system. This presentation reviews the recent challenges to the science of fingerprint identification and demonstrates the faulty logic on which the claims are based. Evidence is presented in response to these challenges regarding the scientific reliability and legal validity of the science of fingerprint identification. (2.5 hours)

The Effects of Oral Chemotherapy Treatment on Friction Skin
Henry Swofford, USACIL

In August 2009 the authors began a longitudinal study on the reproducibility of friction ridge skin characteristics from an individual currently undergoing a relatively new form of chemotherapy treatment known as capecitabine. In this presentation, the authors discuss the observations gathered during the course of this treatment with a focus on its side effects known as Hand and Foot Syndrome and its resulting detrimental effects to friction skin. This presentation will explain the biochemical reaction taking place and the physiological effects on the epidermis and present a theory of why ridge units are not reproducing in a traditional fashion. (1 hour)

Behavioral Investigation & Identifying Cold Case Motive
Bo Barton, SLED

This course is an introduction to the technique of criminal investigative analysis (profiling) as it applies to death investigations. Included is a brief history of the technique and the so-called differences between inductive, deductive and the investigative psychology of criminal profiling. The course focuses on the various motives for murder and how by identifying the motive as displayed in the crime will reduce the size of the suspect pool. Also included will be how the behavior exhibited by the offender at the scene can be used to determine what kind, if any, defense the offender may claim, such as self-defense, not guilty by reason of insanity, or guilty but mentally ill. The students will review various crime scenes and autopsy photographs lab reports and background information of each victim and offer an analysis regarding the sequence of events, motive, and any possible defenses.

Lt. Michael Prodan, SLED's Behavioral Sciences Unit, has 35 years of law enforcement experience, with over 23 years of investigating violent crime. He has qualified as an expert witness in violent crime scene analysis and criminal sexual behavior in State Courts in Alaska, California, Oregon, South Carolina and Texas, and in threat assessment in North and South Carolina and U.S. District Court in South Carolina. (8 hours)

Latent Investigative Services
Michelle Richards, FBI

The FBI's Criminal Justice Information Services Division, Latent Investigative Services Team will provide an overview of enhanced latent print investigative services available to the law enforcement community. (1 hour)

ACE-V for the Tenprint Examiner
FBI

DESCRIPTION (2 hours)

**The Data Behind the Fingerprints
FBI**

DESCRIPTION (4 hours)

“Come Let’s Explore Trace Evidence’s Little Corner of Forensics”

David Flohr, M.S. in Chemistry

Trace Evidence Supervisor / Team Leader, US Army Criminal Investigation Laboratory

Trace Evidence, as a traditional area of forensic analysis, is being phased out in many crime laboratories throughout the United States as a result of the move toward fiscal conservation in these trying economic times. However, that reaction may be the result of not knowing what constitutes Trace Evidence and the results/added value which can be obtained from the myriad of examinations which can be performed by a fully staffed and equipped Trace Evidence branch within the crime laboratory. This talk will give the attendee an insight into the multi-faceted world of Trace Evidence Analysis, aid them in recognizing its presence and assist them in appreciating the value in seeking out previously unrequested examinations pertaining to Trace Evidence. Finally, this presentation is intended, at a minimum, to leave the attendee with the understanding that “You never know what you have until you look at it”.

Other topics **may** include:

Power Point in the Courtroom/Presentations (4 hours)