

Workshop Schedule

Sunday April 27th, 2025

0800-1200 “Drink to Me” How to Run a Drinking Study from Start to Finish

Learn the workings of running a drinking study including calculations, dosing, utilizing a PAS device, and more! You will even get to dose actual subjects! If you're interested in also seeing impairment, register for "I Walk the Line" too. Breakfast Included.

1300-1700 “I Walk the Line” Drinking Study w/Impairment & Field Sobriety Tests

Join us in the afternoon to learn about the progression of alcohol impairment and observe individuals under the influence of alcohol as they perform SFSTs. If you're interested in learning about and dosing the subjects you'll observe, be sure to register for "Drink to Me" as well. Break Included.

Monday April 28th, 2025

0800-1200 “Forensics Got you Tuckered Out?” Wellness

Come join us with a mindfulness triathlon featuring a beginner yoga class, a soothing meditation, and a run/walk along the historic Johnny Cash trail. Do one activity or all three. All levels of fitness are welcome. Please bring your own water bottle and yoga mat. A limited number of yoga mats will be available for purchase for \$20.

0800-1200 No Longer The Call of the Wild: NGS Solutions for the Crime Lab

In this workshop, we will discuss the next-generation sequencing workflow, its validation and implementation, as well as automation options. Topics also include comparison to CE technology, grant funding opportunities, and troubleshooting. At the conclusion of the workshop, attendees will see NGS is no longer just on the frontier and is a Gold Rush of opportunity! Breakfast Included.

0800-1200 Full Spectrum Photography Workshop

This workshop provides information and hands-on practical exercises for the use of ALS and Full Spectrum Cameras to photograph various biological fluids, bruises, bitemarks, fingerprints, foreign fibers, gunpowder residue patterns, obliterate writing, and transfer footwear impressions in oils and blood. Students will be provided with mock evidence samples to photograph using different ALS's and full spectrum cameras. Students are encouraged to bring their own equipment to become familiar with their own equipment. If students do not have their own equipment, full spectrum cameras, filters, and ALS will be available for use during the exercises. Breakfast Included. Limit 20

0800-1200 “The Lone Bullet: Tracking its Trail with Ease.” Shooting Reconstruction

In this 4-hour workshop, participants will learn a precise method for establishing bullet trajectories without relying on trajectory rods, strings, specialized trajectory measuring equipment, lasers, or other scanning devices. Utilizing only a tape measure or a smartphone measurement application, crime scene responders will be able to accurately determine bullet impact locations at a crime scene. Subsequently, in their own laboratories, examiners can reconstruct bullet paths using a scientific calculator—easily accessible via a smartphone—and the principles of right triangle geometry. Participants are encouraged to download a measurement app from the App Store or Google Play prior to the workshop. Practical exercises will involve measuring bullet impacts and calculating bullet trajectories, demonstrating the accuracy of using trigonometric functions. This course is for current Crime Scene responders. Breakfast Included.

1330-1630 Agilent Tour

Want to know more about Agilent's inside processes? Join us as we tour Agilent's Folsom facilities, getting an inside look at the creation of a GC column, liner glass wool stuffing, column polymer synthesis, and much more! Transportation included.

Limit: 15 Registrants

1300-1700 The Unknown, the Unseen, and the Bloody: Saloon Girl Elsie Vee (LCV) and Sheriff BlueStar are on the case.

Participants will learn about using LCV and BlueStar in the laboratory. The focus will be on the enhancement, documentation, and when to use these tools to locate bloodstains on fabrics. Break Included.

Limit: 20 Registrants

1300-1700 Recognition, Documentation, and Collection of Footwear and Tire Track Evidence

This workshop will provide students with hands-on practical exercises for them to learn how to properly document and recover footwear and tire track evidence. The class will demonstrate how impression evidence can assist an investigation, and the type of examination results that can be expected when submitting evidence to a footwear and tire track examiner. This course will include how to document, photograph and collect two-dimensional and three-dimensional impressions including the use of electrostatic lifters, casting, gel lifters, and chemical enhancement techniques for impressions. There will also be a review of how comparisons are performed using the evidence collected using those techniques and the appropriate terminology that should be used in case reports and notes. Students are encouraged to bring their cameras, off-camera flash, off-camera cable or wireless transmitter, tripod and other photographic equipment they use. Some equipment will also be available for students if they are unable to bring their agencies equipment to the class. Break included.

1300-1700 Folsom "Blues" Prison Tour **CLOSED**

Come join us for a guided tour of the historic Folsom State Prison. One of the nation's first maximum security prisons, Folsom Prison has been in use since 1880. This tour includes a look at the historic death row prison cells, the cafeteria where Johnny Cash famously performed his "Folsom Prison Blues" concert, and a glimpse of prison life in the "yard." **This tour requires a basic background check, and all information must be submitted no later than February 14th.** Transportation included.

Limit: 20 Registrants

Tuesday April 29th, 2025

0800-1700 "Yippee ki yay" DNA

Enrich your knowledge by networking with forensic DNA professionals while you learn about advances in forensic DNA research and technology. Breakfast, Lunch, & Break Included.

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