Understanding and Using Forensic Science and Expert Testimony in the Courtroom

The Ohio Attorney General’s Center for the Future of Forensic Science at Bowling Green State University

August 12 & 13, 2024

**Day 1: Monday, August 12 (7 hours CLE)**

8:00 – 8:30 am  Registration, Coffee, Welcome & Opening Remarks

8:30 – 9:30 am  The Scientific Method v. Daubert (Similarities & Differences) – Matthew L. Reger & Daniel Davison (1 cr.)

9:30 – 10:30 am  Alphabet Soup: What is NAS, PCAST, and OSAC (and Why Should I Care)? – Crystal Oechsle (1 cr.)

10:30 – 10:45 am  Break

10:45 – 11:45 am  DNA 101: DNA Evidence in the Courtroom – Crystal Oechsle (1 cr.)

12:00 – 12:30 pm  Remarks from Ohio Attorney General Dave Yost (not for CLE credit)

12:45 – 1:45 pm  Lunch; Case Studies: Making or Breaking a Case with Forensics – Angela Canepa (1 cr.)

2:00 – 3:00 pm  Pattern Interpretation – Jessica Mendoza (1 cr.)

3:00 – 4:00 pm  GSR 101: An Introduction to Gunshot Residue – Daniel Davison (1 cr.)

4:00 – 4:15 pm  Break

4:15 – 5:15 pm  DNA 201: An Introduction to DNA Statistics in the Courtroom – Crystal Oechsle (1 cr.)

5:15 – 5:30 pm  Closing Remarks & Surveys
Day 2: Tuesday, August 13 (7.5 hours CLE)

8:00 – 8:30 am  Coffee

8:30 – 9:30 am  Clear as Mud? Deciphering Expert Testimony – Crystal Oechsle (1 cr.)

9:30 – 10:30 am  Current Trends in Forensic DNA and Issue Spotting – Tiffany Roy (1 cr.)

10:45 – 12:15 pm  Small Group Rotation 1* (1.5 cr.)

12:30 – 1:45 pm  Lunch; Ask the Experts – Panel and Group Discussion (1 cr.)

2:00 – 3:30 pm  Small Group Rotation 2* (1.5 cr.)

3:45 – 5:15 pm  Small Group Rotation 3* (1.5 cr.)

5:15 – 5:30 pm  Closing Remarks & Surveys

* Small Group Rotations:
  - Application of Bloodstain Patterns to Violent Crime Scenes (@ Troup Ave Crime Scene House) – Megan Roberts
  - Evidence Receiving Processes & Tour of BCI Lab – Jeffrey Lynn; Fentanyl and Illicitly Manufactured Fentanyls (IMFs) – Jeremy Canfield & Jon E. Sprague
  - Lab Process Demos: Blood Chemicals, Alternate Light Sources, Microscopes, Prints, Drug Color Tests, Instrumentation (CFFS) – Crystal Oechsle, Travis Worst, Daniel Davison, Jessica Mendofik