

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 Mendofik (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*

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Day 2: Tuesday, August 13 (7.5 hours CLE)

8:00 – 8:30 am	<i>Coffee</i>
8:30 – 9:30 am	<i>Clear as Mud? Deciphering Expert Testimony</i> – Crystal Oechsle (<i>1 cr.</i>)
9:30 – 10:30 am	<i>Current Trends in Forensic DNA and Issue Spotting</i> – Tiffany Roy (<i>1 cr.</i>)
10:45 – 12:15 pm	<i>Small Group Rotation 1* (1.5 cr.)</i>
12:30 – 1:45 pm	<i>Lunch; Ask the Experts</i> – Panel and Group Discussion (<i>1 cr.</i>)
2:00 – 3:30 pm	<i>Small Group Rotation 2* (1.5 cr.)</i>
3:45 – 5:15 pm	<i>Small Group Rotation 3* (1.5 cr.)</i>
5:15 – 5:30 pm	<i>Closing Remarks & Surveys</i>

*** 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