

# JURISPRUDENCE

## Thursday

### Poster Session

11:30 am—1:00 pm	<b>G1</b>	<b>An Injury Causation Analysis in Low-Impact Collisions: A Case-Based Application of Bradford Hill Principles and the Etherton Legal Standard</b> Alireza Bagherian, DC *
11:30 am—1:00 pm	<b>G2</b>	<b>Standards for Managing Cases of Missing Persons and Unhuman Remains in Conflict: The Effects of Human Rights Jurisprudence on International Humanitarian Law</b> Maria Nektaria Antoniou, LLM*
11:30 am—1:00 pm	<b>G3</b>	<b>The Correlation of State-Level Autopsy Laws and Infant Autopsy Rates: A Quality Assessment of the United States Medicolegal Death Investigation Systems</b> Alexis Orbeta, BS*; Tal Simmons, PhD
11:30 am—1:00 am	<b>G4</b>	<b>The Role of the Autopsy in Judicial Investigations—A Source of Evidence and an Essential Guide for the Formulation of Appropriate Charges: An Analysis of Three Cases</b> Federica Genchi, MD*; Luigi Cipolloni, MD, PhD; Andrea Cioffi, MD; Camilla Cecannecchia, MD; Giovanni Pollice, MD; Donatella Curtotti, PhD

### Emerging DNA Technologies

Moderator: Robert Smith, JD

Co-Moderator: Dave Pollock

8:30 am—9:00 am	<b>G5</b>	<b>The Rapid Acceptance of Rapid DNA: The Implications on the Field of Forensic Science, the Practitioner, and the Legal Professional</b> Lisa Montanez, MSFS*
9:00 am—9:30 am	<b>G6</b>	<b>One State's Approach to Expanded Use of Rapid DNA Technology for CODIS Search of Crime Scene Samples</b> Leigh Tomlin, JD; Lynn Garcia, JD*; Gary Molina, MS; Brady Mills, MS; Brandon Letts, PhD*
9:30 am—9:50 am	<b>G7</b>	<b>The Successful Development of a DNA Profile From the Quantisal Oral Fluid Collection Device</b> Jennifer Limoges, MS*; Lola Murray, MS; Kaitlin Fidd, BS; Rebecca Love, MS; Margaret Raydo, BS; Carrie McGinnis, MPA
9:50 am—10:10 am	<b>G8</b>	<b>The Performance and Legal Grounds of DNA Mass Screenings Around the World</b> Dariusz Wilk, PhD*
10:10 am—10:30 am	<b>G9</b>	<b>Forensic Likelihood Ratios From Low-Coverage Whole Genome Sequencing</b> Dan Krane, PhD*; Ferial Ouerghi, BS; Doc Edge, PhD
10:30 am—10:45 am		<b>BREAK</b>

### Statistics and Reporting

Moderator: Maria Nektaria Antoniou, LLM

10:45 am—11:30 am	<b>G10</b>	<b>Likelihood Ratios and Belief Updating</b> Thomas Busey, PhD*
11:30 am—12:00 pm	<b>G11</b>	<b>A Movement Toward Greater Clarity and Transparency in Firearms Comparison Reporting in Texas: A NIST Collaboration</b> Lynn Garcia, JD*; Henry Swofford, PhD*; Robert Smith, JD*; Steven Lund, PhD

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12:00 pm—1:30 pm

**BREAK**

## Activity Level Propositions

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Moderator: Maria Nekataria Antoniou, LLM

1:30 pm—2:00 pm

**G12**

**“U Can’t Touch This!”**

Allison Lewis, JD\*

2:00 pm—2:45 pm

**G13**

**Activity Level Testimony in United States Courts: The Problem of Proof**

Ted Hunt, JD\*

2:45 pm—3:15 pm

**G14**

**Help vs. Harm: What Should Be the Role of Activity-Level Evaluations in United States Courts?**

J.D. Schmid, JD\*

3:15 pm—3:30 pm

**BREAK**

## Problems in the Digital Age

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Moderator: Allison Lewis, JD

3:30 pm—3:50 pm

**G15**

**The Perilous Use Of GenAI In Legal Briefs, Non-Expert Analysis, and Police Reports**

Carole Chaski, PhD\*; Gil Sapir, JD

3:50 pm—4:10 pm

**G16**

**AI in Police Reports: Due Process and Disclosure Obligations**

Gil Sapir, JD\*; Jay Zager

4:10 pm—4:30 pm

**G17**

**Scientific Support for DNA “Probabilistic Genotyping” Evidence Depends on Testing Lab-Created Mixtures, Although Inadequate**

Charles H. Brenner, PhD\*

4:30 pm—5:00 pm

**G18**

**New FRE 707: AI Meets *Daubert***

Donald Shelton, PhD\*

## Ethics, Peer Review, and Expert Testimony

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Moderator: Paul Messner, JD

5:00 pm—6:00 pm

**G19**

**You Be the Judge: Admitting Expert Testimony When Ethics Conflict With Peer Review**

William Nuzum, JD\*; Stephanie Domitrovich, PhD\*

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## *Friday*

### Drug Chemistry, Toxicology, and the Importance of Independence

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Moderator: Michelle Vaira, JD

Co-Moderator: Natasha Jean-Baptiste

8:30 am—9:00 am	<b>G20</b>	<b>Understanding the Use and Challenges of GC/MS in Fentanyl Testing in Drug Cases in New York Criminal Courts (With Discovery, Trial, and Policy Implications)</b> Molly Kalmus, JD*; Michelle Miranda, PhD; Sarah Chu, PhD
9:00 am—9:45 am	<b>G21</b>	<b>Errors in Toxicology Testing and the Need for Full Discovery</b> Aaron Olson, BS*
9:45 am—10:05 am	<b>G22</b>	<b>An Autopsy of the UIC-AFTL Crime Lab THC Marijuana Cover-Up</b> Donald Ramsell, JD*; Gil Sapir, JD
10:05 am—10:25 am	<b>G23</b>	<b>An Off-Duty Officer Fatal Traffic Collision Leads to Misdemeanor Negligent Manslaughter Charges</b> Kurt Weiss, MSME
10:25 pm—10:40 am		<b>BREAK</b>

### Ethics, Justice and Postconviction Relief

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Moderator: Sean Harrington, JD

10:40 am—11:10 am	<b>G24</b>	<b>An Argentine Prosecutor's Death: Ten Years of Impunity—The Prosecutor's Report 2025</b> Maria Ciruzzi, PhD*
11:10 am—11:30 am	<b>G25</b>	<b>Eyewitness Identification in Civil and Common Law Countries in the Perspective of Standardization and Internationalization of Criminal Proceedings</b> Dariusz Wilk, PhD*
11:30 am—12:00 pm	<b>G26</b>	<b>Practical Recommendations for Investigating Shifting Science in Post-Conviction Relief Cases</b> Terry-Dawn Hewitt, LLM*
12:00 pm—1:30 pm		<b>BREAK</b>

### Reviewing Past Practices

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Moderator: Gail Groy, JD

1:30 pm—2:15 pm	<b>G27</b>	<b>Forensic Testimony Errors in a Death Penalty Case: Lessons for Science, Law, and Justice</b> Tiffany Roy, JD, MSFS*
2:15 pm—3:00 pm	<b>G28</b>	<b>The Future Involves Going Back to the Basics: Post-Conviction Cases That Recognize Wrongful Convictions Arise From Subsequently Discredited Science Also Suggest a Need to Examine Fundamentals</b> Jane Eggers, JD, MSSW*; Christen Chipman, MSc

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3:00 pm—3:20 pm	<b>G29</b>	<b>The “Past” Under Investigation: New Investigative Methodologies at Crime Scenes and Their Impact on “Definitive” Criminal Trials in Italy</b> Wanda Nocerino, PhD*; Angela Procaccino, PhD; Stefania De Simone, PhD; Christian Pallante; Guido Colaiacovo, PhD; Alessandro Valenti, PhD
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## Disclosure and Discovery

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Moderator: Ashfaq Ahmed Kharal, PhD

Co-Moderator: Clinton Hughes, JD

3:20 pm—3:50 pm	<b>G30</b>	<b>Borrowing From Bioethics: Lessons for Forensic Science on Disclosure, Correction, and Privacy</b> Sarah Chu, PhD*
3:50 pm—4:10 pm	<b>G31</b>	<b>The Anatomy of a Forensic Trace Evidence Case Review</b> Christopher Palenik, PhD*
4:10 pm—4:40 pm	<b>G32</b>	<b>Beyond the Lab Coat: Understanding ISO 21043’s Reach</b> Dana Delger, JD*; John Paul Jones, MBA*
4:40 pm—5:15 pm	<b>G33</b>	<b>Back to Basics: <i>Daubert</i>, Abusive Head Trauma, and Pediatric Short Falls</b> Kathleen Pakes, APM*