

# JURISPRUDENCE

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## Thursday

### Forensic Standards Development: Impact and Education Plans for the Legal Community

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Moderator: Lynn Garcia

Co-Moderator: Jarvis Parsons

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|---------------------|-----------|---|
| 8:30 AM – 9:00 AM   | <b>G1</b> | <b>An Update on Standards Development Activities in Forensic Science: Legal Impacts Moving Forward</b><br><i>Christopher Plourd, JD*</i>                          |
| 9:00 AM – 9:30 AM   | <b>G2</b> | <b>How Relevant Are Forensic Science Standards to the Legal Process?</b><br><i>John Paul (JP) Jones, BS, MBA*; Dana Delger, JD*</i>                               |
| 9:30 AM – 10:00 AM  | <b>G3</b> | <b>The Organization of Scientific Area Committees (OSAC) Registry Standards in the Area of Reporting and Testimony</b><br><i>Lynn Garcia, JD*</i>                 |
| 10:00 AM – 10:30 AM | <b>G4</b> | <b>The Organization of Scientific Area Committees (OSAC) Implementation: A Public and Private Perspective</b><br><i>Erika Ziemak, MSFS*; Hannah Gillis, MSFS*</i> |
| 10:30 AM – 10:45 AM |           | <b>BREAK</b>  |

### Forensics Training for Lawyers

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Moderator: Jarvis Parson

Co-Moderator: Lynn Garcia

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| 10:45 AM – 11:00 AM | <b>G5</b> | <b>What's Happening (or Not?) With Forensic Science Training for Officers of the Court</b><br><i>Marna McLendon, JD, MFS*; John Paul (JP) Jones, BS, MBA*</i>   |
| 11:00 AM – 11:30 AM | <b>G6</b> | <b>The Scientific Literacy Project: A Collaborative Effort in Educating Legal Professionals on Forensic Evidence</b><br><i>Anthony Greiter, BS*; Stacy Renfro, MBA; Alicia Carriquiry, PhD; Hal Stern, PhD; Chris Fabricant, JD; Marika Meis, JD; Lynn Garcia, JD</i> |
| 11:30 AM – 12:00 PM | <b>G7</b> | <b>Ten Things Every Court Should Know About Decomposing Remains</b><br><i>David Carter, PhD*; Charlotte Carter, MS; Sarah Sanger, JD</i>  |
| 12:00 PM – 1:15 PM  |           | <b>BREAK</b>  |

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## Fascinating Forensic Tools and Their Limitations

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Moderator: Dawn Boswell

- 1:15 PM – 1:45 PM     **G8**     **Forensic Genetic Genealogy: A Primer for Legal Professionals**  
*Michael Coble, MFS, PhD\**
- 1:45 PM – 2:15 PM     **G9**     **Beyond the OMG Era: The Assessment of Forensic Genetic Genealogy as a Practical Investigative Tool**  
*Colleen Fitzpatrick, MS, PhD\**
- 2:15 PM – 2:45 PM     **G10**     **Analyzing Homicide Cases Using Bayesian Networks**  
*Luciano Garofano, PhD\*; Laura Volpini, PhD\*; Giovanni Acampora, PhD; Autilia Vitiello, PhD*
- 2:45 PM – 3:00 PM     **QUESTIONS & ANSWERS**
- 3:00 PM – 3:15 PM     **BREAK**
- 3:15 PM – 4:15 PM     **G11**     **Deciding Not to Decide: The Risks Associated With Inconclusives**  
*Tiffany Roy, MSFS, JD\*; Michael Coble, MFS, PhD\**
- 4:15 PM – 4:30 PM     **G12**     **Proving Distracted Driving Behavior Using Advanced iPhone® Forensics**  
*John Carney, JD\**
- 4:30 PM – 5:00 PM     **G13**     **The Academy Standards Board (ASB) Standard Compliant Toxicology Report Content as a Tool to Support Informed Pre-Charging Communication and Testimony Planning**  
*M.J. Menendez, JD\**
- 5:00 PM – 5:30 PM     **G14**     **The Evidentiary Value of Human Remains Canine Behavior**  
*Robert Sanger, JD\**

## Poster Session

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- 11:30 AM – 1:00 PM     **G15**     **“Uninvested” Human Capital: How Much Is an Abortion?**  
*Benedetta Pia De Luca, MD\*; Maricla Marrone, MD; Alessandra Stellacci, MD; Ettore Gorini, PhD; Laura Marrone, PhD; Luigi Buongiorno, MD; Carlo Angeletti, MD; Fortunato Pititto, MD; Pierluigi Caricato, MD; Alessandro Dell’Erba, MD*
- 11:30 AM – 1:00 PM     **G16**     **An Analysis of the Utilitarian Ethical Foundation of Genetic Profile Databases in the European Court of Human Rights**  
*Bruno Trindade, MS\*; Aline Oliveira, PhD; Cesar Grisolia, PhD*
- 11:30 AM – 1:00 PM     **G17**     **Discussing the Establishment and Use of DNA Databases in Light of the European Convention on Human Rights and the European Court of Human Rights Decisions**  
*Oguzhan Sapan, LLB\*; Tugba Unsal Sapan, PhD\*; Sevil Atasoy PhD*
- 11:30 AM – 1:00 PM     **G18**     **Discussing the Use of Artificial Intelligence in the Interpretation of DNA Mixture Profiles in Terms of Constitutional and Human Rights Laws**  
*Oguzhan Sapan, LLB\*; Tugba Unsal Sapan, PhD; Sevil Atasoy PhD*

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- 11:30 AM – 1:00 PM     **G19**     **Dismissals of Driving While Intoxicated (DWI) Offenses in New Jersey**  
*Christopher Dudzik, MAS\**; *Michael Rizol, BA*; *Denise Gemmellaro, PhD\**
- 11:30 AM – 1:00 PM     **G20**     **Femicide: Scientific and Juridical Elements to Protect Vulnerable Victims**  
*Vincenzo Lusa, JD\**; *Matteo Borrini, PhD\**
- 11:30 AM – 1:00 PM     **G21**     **Improving Forensic Science Education Within a Law School Curriculum**  
*Shelby Kmidowski, BS\**
- 11:30 AM – 1:00 PM     **G22**     **Criminal Courts and Experts: The Admissibility of the Scientific Evidence in Criminal Procedures and the Transposition of the *Daubert* Standard in French Law**  
*Alice Despierres, MS\**

## Friday

### Evolution of Forensic Science in American Courtrooms

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Moderator: *J.D. Schmid*

Co-Moderator: *Amie Ely*

- 8:30 AM – 9:15 AM     **G23**     **The National Institute of Standards and Technology (NIST) Scientific Foundations of Forensic Firearm Examination: A Discussion of Validation and Proficiency Tests and the Theory of Identification**  
*Robert Thompson, MSFS\**; *Theodore Vorburger, PhD*; *Wayne Arendse, MSc*; *John Butler, PhD*; *Steven Lund, PhD*; *Heather Waltke, MFS, MPH*; *Gregory Klees, BA*
- 9:15 AM – 9:45 AM     **G24**     **The Trouble With Inconclusives in Firearms**  
*Lynn Garcia, JD\**
- 9:45 AM – 10:15 AM     **G25**     **Results From a Review of Scientific Foundations of Firearm Examination**  
*Theodore Vorburger, PhD\**; *Steven Lund, PhD*; *Heather Waltke, MFS, MPH*; *Gregory Klees, BA*; *Wayne Arendse, MSc*; *James Yen, PhD*; *Shannan Williams-Mitchem, MA*; *John Butler, PhD*; *Robert Thompson, MSFS*
- 10:15 AM – 10:30 AM     **BREAK**

### An Update on the Intersection of Forensic Science and the Law

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Moderator: *J.D. Schmid*

Co-Moderator: *Amie Ely*

- 10:30 AM – 11:00 AM     **G26**     **Junk Science and the American Criminal Justice System**  
*Chris Fabricant, JD\**
- 11:00 AM – 11:30 AM     **G27**     **Lindbergh Case: Hauptmann's Wrongful Murder Conviction**  
*Lise Pearlman, BA, JD\**; *Pete Speth, MD*; *Jamie Benvenuti, BA*
- 11:30 AM – 12:00 PM     **G28**     **Amendments to FRE 702: Some Teeth for *Daubert*?**  
*Donald Shelton, PhD, JD\**

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12:00 PM – 12:30 PM     **G29**     **You See Plastic Wrap, I See Aluminum Foil: Improving Transparency by Bridging the Communication Gap Between Scientists and Attorneys**  
*Darina Griffin, JD\**; *Lynn Schneeweis, MSFS\**; *Kristen Sullivan, MSFS*

12:30 PM – 1:45 PM     **BREAK**

## An Update on the Intersection of Forensic Science and the Law

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*Moderator: Danielle Ruttman*

*Co-Moderator: John Carney*

1:45 PM – 3:00 PM     **G30**     **Building the Bridge: Increasing Legal Awareness of the Importance of Forensics**  
*Barbara Hervey, JD\**; *Carson Guy, JD*

3:00 PM – 3:15 PM     **G31**     **A Forensic Science Informational Video Can Help Mock Jurors**  
*Devon LaBat, MSc\**; *Deborah Goldfarb, JD, PhD*; *Jacqueline Evans, PhD*;  
*Nadja Schreiber Compo, PhD*; *Cassidy Koolmees, MSc*; *Gerald LaPorte, MSFS*;  
*Kevin Lothridge, MS*; *Laura Shambaugh, PhD*

3:15 PM – 3:30 PM     **G32**     **Brady and Forensics: Disclosing Favorable Scientific Evidence**  
*Robert Smith, JD\**

3:30 PM – 3:45 PM     **BREAK**

## Challenging Forensic Admissibility

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*Moderator: Danielle Ruttman*

*Co-Moderator: John Carney*

3:45 PM – 4:30 PM     **G33**     **Challenging Retinal Hemorrhage Testimony in Court**  
*Kathleen Pakes, JD\**; *Patrick Lantz, MD*

4:30 PM – 5:00 PM     **G34**     **Drug Recognition Experts: Unreliable Expertise**  
*Steven Hernandez, BA, JD\**; *Gil Sapir, JD, MSc*; *Jay Zager*

5:00 PM – 5:30 PM     **G35**     **Experts? We Don't Need No Stinking Experts!**  
*Raymond Valerio, JD\**; *Melissa Mourges, JD*

## Saturday

### Forensic Psychology/Psychiatry and the Law

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*Moderator: Amie Ely*

*Co-Moderator: Danielle Ruttman*

8:30 AM – 9:00 AM     **G36**     **Hidden Wounds: A Trauma-Informed Approach to Sentence Reduction**  
*Anna Sofine, MD\**

9:00 AM – 10:00 AM     **G37**     **A Crash Course in Forensic Psychiatry**  
*Vivian Shnaidman, MD\**

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10:00 AM – 10:30 AM    **G38**    **The Admissibility of “Child Sexual Abuse Accommodation Syndrome” in Criminal Cases**  
*Donald Shelton, PhD, JD\**

10:30 AM – 10:45 AM    **BREAK**

## **Trending: Forensic Experts’ Liability or Qualified Immunity?**

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*Moderator: Amie Ely*

*Co-Moderator: Danielle Ruttman*

10:45 AM – 11:45 AM    **G39**    **Qualified Immunity for Forensic Experts: Should Qualified Immunity be Granted?**  
**An Interactive Session**  
*Stephanie Domitrovich, PhD, JD\*; William Nuzum, JD, BS\**

11:45 AM – 12:45 PM    **G40**    **Challenging the Forensic Scientist’s Credibility in the Courtroom: Issues of Ethics and Implicit Bias—You Are the Judges! An Interactive Session in Forensic Science and the Law**  
*Stephanie Domitrovich, JD, PhD\*; William Nuzum, JD, BS\**