

JURISPRUDENCE

Thursday

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

Moderator: Lynn Garcia

Co-Moderator: Jarvis Parsons

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

Forensics Training for Lawyers

Moderator: Jarvis Parson

Co-Moderator: Lynn Garcia

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

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Fascinating Forensic Tools and Their Limitations

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

- 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*

*Presenting Author

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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

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

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

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** **WITHDRAWN**

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

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

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?

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**