JURISPRUDENCE

Thursday

Poster Session

11:30 am—1:00 pm	**G1**	**I'll Be Watching You: Are the Police Illegally Surveilling?** Briana Verdoorn, MA; Laura Johnson, JD*

New Topics in DNA

Moderator: Kenneth Melson, JD

8:30 am – 8:50 am	**G2**	**Compliant but Unsatisfactory: What Compliance With Forensic DNA Validation Standards Does (and Does Not) Establish** Angela C. Jin, BS; Alexander Asemota, PhD; Dan E. Krane, PhD*; Nathaniel D. Adams, BS; Rediet Abebe, PhD
8:50 am – 9:10 am	**G3**	**The DNAForge Vulnerability: An Interdisciplinary Case Study in Forensic DNA Analysis** Laura Gaydosh Combs, PhD*; Nathaniel D. Adams, BS; Sarah Chu, PhD*; Nicolas Hughes, JD*; Kevin Dyer, PhD; Dan E. Krane, PhD
9:10 am – 9:30 am	**G4**	**The Responsible Adoption of Rapid DNA for Crime Scene Samples** Jarrah R. Kennedy, MSFS*; Lisa Montanez, MSFS*; Brandon Letts, PhD*
9:30 am – 9:50 am	**G5**	**When Science Catches Up: The Strategic Preservation of Consumptive Fingernail Evidence in a 34-Year-Old Cold Case Homicide** Karen L. Ross, JD*
9:50 am – 9:55 am		**BREAK**

Forensics and the Future of IA

Moderator: Kenneth Melson, JD

9:55 am – 10:20 am	**G6**	**You Are the Judges: An Interactive Session Analyzing Admissibility Issues of AI-Generated and Other Forensic Science Evidence in Federal and State Courts** Stephanie A. Domitrovich, PhD*; Milton A. Nuzum, JD*
10:20 am – 10:45 am	**G7**	**AI and Synthetic Media Evidence: Surviving the B(G)rave New World of Deepfakes and Digital Deception** Colin Bellair, JD*; Marc Canellas, PhD*
10:45 am – 11:05 am	**G8**	**Artificial Intelligence's Reluctance To Make The Left-Hand Turn** Gil Sapir, JD; Jay Zager; Krisann J. Kuecher, JD*
11:05 am – 11:30 am	**G9**	**AI and Forensic Science: Where Are We Now?** Donald E. Shelton, PhD*
11:30 am—1:00 pm		**BREAK**

*Presenting Author

JURISPRUDENCE

Canine Alert Evidence

Moderator: J.D. Schmid, JD

1:00 pm – 1:30 pm	**G10**	**Noses and Algorithms: Canine Alert Evidence, Machine-Generated Forensic Outputs, and the Asymmetric Logic of Evidentiary Reliability in American Courts** Erik Dykeman, MS*
1:30 pm – 2:00 pm	**G11**	**Developments That May Affect the Admissibility of Canine Alerts in Arson Cases** Terry-Dawn Hewitt, LLM*
2:00 pm – 2:20 pm	**G12**	**A *Daubert* Admissibility Hearing for the Scent Transfer Unit** Brian Eckenrode, PhD*; Erika Halayko, JD; Elizabeth White, JD
2:20 pm—2:30 pm		**BREAK**

Texas, Synergy, and OSAC

Moderator: J.D. Schmid, JD

2:30 pm – 3:00 pm	**G13**	**Beyond Error Rates: How Texas is Replacing Generalized Error Rates With Discriminability and Reproducibility Metrics—A 2027 Update to the TFSC and NIST Collaboration** Lynn Garcia, JD*; Henry Swofford, PhD*; Steven Lund, PhD*; Robert Smith, JD*
3:00 pm – 3:30 pm	**G14**	**Texas Forensic Science Commission 20 Years In: What 900 Complaints and Self-Disclosures Can Teach Us About Effective State-Level Oversight and Beyond** Leigh M. Tomlin, JD*; Sarah Chu, PhD
3:30 pm – 4:00 pm	**G15**	**Building a Unified Framework: Key Takeaways and Outcomes From the Forensic Science Standards Synergy Summit** Allison Getz, MS*; Vincent J. Desiderio, MS
4:00 pm – 4:30 pm	**G16**	**Standardizing Forensics: Updates From the Organization of Scientific Area Committees** Dana Delger, JD*; John Paul Jones, MBA
4:30 pm—4:40 pm		**BREAK**

Experts and Defendants

Moderator: Ashfaq Ahmed Kharal, PhD

4:40 pm – 5:00 pm	**G17**	**The Discarded Expert Witness** Richard Paul Conti, PhD*; Erica Baer, PhD; Joseph H. Preckajlo, MS
5:00 pm – 5:25 pm	**G18**	**Competency to Stand Trial Litigation: Lessons from the First Line** Jason Beaman, DO*, Reagan Gill, DO*, Haylie Hoffman, EdS*
5:25 pm – 5:45 pm	**G19**	**Crowd Management Around the World** Joyce P. Wiliams, DNP*

JURISPRUDENCE

Friday

Poster Session

11:30 am – 1:00 pm	**G20**	**Medical Liability Claims Against Physicians Across Medical Specialties in Greece: A 17-Year Retrospective Descriptive Study** Ioannis Ketsekioulafis, MD*; Theodoros Lytras, PhD; Konstantinos Katsos, MD, PhD; Chara Spiliopoulou, MD, PhD; Emmanouil I. Sakelliadis, MD, PhD

Multidisciplinary Session: Jurisprudence and Forensic Nursing Science

Moderator: Gail Groy, PhD

8:30 am – 8:50 am	**G21**	**The Timestamp Trap: When MAUDE Record Updates Reverse Timeliness Conclusions Under Rule 702** Snehal Patel, MD*; Logan Glosser, MD; Quynh Tran; Felipe Maegawa, MD; Tucker Bettis, MD
8:50 am – 9:10 am	**E18**	**From Care to Court: Scientific, Legal, and Ethical Foundations for Forensic Nursing Documentation, Interpretation, and Testimony** Nancy R. Downing, PhD*; Ralph Riviello, MD
9:10 am – 9:30 am	**G22**	**A Socio-Technical Framework for Medicolegal Reconstruction of Digital Health Care Harm** Paolo Visci, MD*; Natalia Sebastiani, MD; Giacomo Radogna, MD; Micaela Sardelli, MD; Susanna Sabato, MD; Gianmarco Sirago, MD; Davide Ferorelli, MD; Alessandro Dell'Erba, MD, PhD
9:30 am – 9:50 am	**E19**	**Crossing Borders: Developing a Practical Framework for the International Transfer of Sexual Assault Evidence** Larissa Allen, PhD*
9:50 am—9:55 am		**BREAK**
9:55 am – 10:15 am	**G23**	**New Lessons From Old Problems: Sources of Error in Forensic Toxicology and Their Legal Implications** Aaron Olson, BS*
10:15 am – 10:35 am	**E20**	**Sexual Assault Against Women in Later Life: Nursing, Forensic, and Legal Implications** Alyssa Lark, BSN*; Julie L. Valentine, PhD; Cathy A. Maxwell, PhD; Leslie W. Miles, DNP
10:35 am – 10:55 am	**G24**	**The Standing of Medical Experts Vis-à-Vis Asylum Decision-Makers** Hasna M. Sheikh, PhD*
10:55 am – 11:20 am	**G25**	**From Homicide to Accident: How Cognitive Bias Contributed to a Wrongful Conviction in an Infant Immersion Burn Case** Colin Bellair, JD*; Vanessa Potkin, JD*; Sarah Byrom, JD; Shabel Castro, JD
11:20 am—1:00 pm		**BREAK**

DNA and Beyond: Give Me the Data

Moderator: Sarah Sanger, JD — Co-Moderator: Catherine Bonventre, JD, MS, PhD

1:00 pm – 1:25 pm	**G26**	**What Lies Beneath the World and Beyond: The Continuing Importance of Probing Underlying Data in Scientific Publications** Clinton Hughes, JD*

1:25 pm – 1:45 pm	**G27**	**When the Report Does Not Match the Data: The Ways Forensic DNA Reporting Goes Wrong** Virginia Barron, JD*
1:45 pm – 2:05 pm	**G28**	**Does Forensic Science Have A Retraction Problem? Will It Have?** Walter F. Rowe, PhD*
2:05 pm – 2:30 pm	**G29**	**Who, Not When: The Corallo Homicide Case** Luciano Garofano, PhD*; Michele Vaira, JD*
2:30 pm – 2:35 pm		**BREAK**

Fairness, History, and Statistics

Moderator: Clinton Hughes, JD

2:35 pm – 3:00 pm	**G30**	**Fairness and Accuracy in the Interpretation of Forensic Evidence** Janean Hanka, MS*; Dylan Borchert, PhD; JoAnn Buscaglia, PhD; Christopher P. Saunders, PhD
3:00 pm – 3:25 pm	**G31**	**Statistical Analysis of Forensic Black Box Studies** Christopher P. Saunders, PhD*; JoAnn Buscaglia, PhD; Michael A. Smith, PhD; Janean Hanka, MS
3:25 pm – 3:50 pm	**G32**	**Blame Henry VIII: A Constitutional History for Forensic Scientists** Dana Delger, JD*
3:50 pm – 4:10 pm	**G33**	**The Brazilian Forensic Examination System and Its Regulatory Gaps in the Face of Pseudoscience** Isadora P. de Araujo, MSc*
4:10 pm – 4:15 pm		**BREAK**

Wrongful Convictions and Forensic Medical Issues

Moderator: Sara Sanger, JD

4:15 pm – 4:40 pm	**G34**	**Congratulations . . . You Got It Wrong . . . AGAIN: Wrongful Conviction, Wrongful Prosecution, Dirty Tricks, and the Death of Velma Tharp** Ben Powers, JD*; James C. U. Downs, MD*
4:40 pm – 5:00 pm	**G35**	**No Body, Four Questions: Separating Identity, Death, Unlawful Killing, and Criminal Responsibility in Circumstantial Homicide Cases** Naomi A. Avila Andino, MSc*; Keir Davies, MSc; Peter Vanezis, MD, PhD; Nikolas P. Lemos, PhD
5:00 pm – 5:20 pm	**G36**	**Criminal Justice and Health: Global Correlations and a Proposal for an Epidemiological Medicolegal Audit** Jitendra Kumar, MD*
5:20 pm – 5:45 pm	**G37**	**When the Facts Don't Speak for Themselves: Translating Technical Brilliance on the Witness Stand** Anthony Greiter, BA*