

# JURISPRUDENCE

## Thursday

### The Relationship Between Forensic Science Standards and Justice

8:00 AM – 8:30 AM	<b>G1</b>	<b>The Use of Forensic Science Standards in the Legal Process: An Update</b> <i>Dana Delger, JD*</i> ; <i>John Paul Jones, BS, MBA*</i>
8:30 AM – 9:00 AM	<b>G2</b>	<b>Standards on the OSAC Registry—Improving Justice for All</b> <i>Mark D. Stolorow, MS, MBA*</i> ; <i>Vincent Desiderio, Jr., MSFS*</i> ; <i>John Paul Jones, BS, MBA</i> ; <i>Allison Getz, MS</i> ; <i>Steven L. Johnson, BS</i>
9:00 AM – 9:30 AM	<b>G3</b>	<b>The Benefits of a Coherent System of Forensic Standards: From the Classroom to the Courtroom</b> <i>Vincent J. Desiderio, MS*</i> ; <i>Mark D. Stolorow, MS, MBA*</i> ; <i>John Paul Jones, BS, MBA</i> ; <i>Allison Getz, MS</i> ; <i>Steven L. Johnson, BS</i>
9:30 AM – 10:00 AM	<b>G4</b>	<b>Cross-Examining Experts on Standards and Other Authoritative References</b> <i>Terry-Dawn Hewitt, JD, LLM*</i>
10:00 AM – 10:15 AM		<b>BREAK</b>

### The Critical Roles of Prosecutors and the Judiciary

10:15 AM – 10:45 AM	<b>G5</b>	<b>“Fairness for for All”: A Discussion of the Evolution of Legal Principles and Practical Systems Designed to Ensure Fairness in Forensic Testimony and in the Criminal Justice System as a Whole</b> <i>John Haried, JD*</i>
10:45 AM – 11:15 AM	<b>G6</b>	<b>Using Forensic Science to Speak for a Victim Who Was Unjustly Silenced in Murder</b> <i>Valeria N. Spencer, JD*</i>
11:15 AM – 11:45 AM	<b>G7</b>	<b>A Critical Re-Examination</b> <i>Barbara P. Hervey, JD*</i>
11:45 AM – 12:15 PM	<b>G8</b>	<b>Why Judges Won’t Be Gatekeepers</b> <i>Donald E. Shelton, JD, PhD*</i>
12:15 PM – 1:15 PM		<b>BREAK</b>

### Effective Governance and New Resources for Guarding Against Wrongful Conviction

1:15 PM – 1:45 PM	<b>G9</b>	<b>Polygraph Testing and Wrongful Conviction</b> <i>Tania C. Brief*</i> ; <i>Lauren Gottesman*</i>
1:45 PM – 2:15 PM	<b>G10</b>	<b>Are Courts Convicting People in Traffic Accident Cases Based on Questionable Data From Crash Data Recorders?</b> <i>Peter Alexander, PhD*</i> ; <i>Brendan Bourdage, PhD</i> ; <i>John Smith, MSEE, PE</i>

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2:15 PM – 2:45 PM	<b>G11</b>	<b>Wrongful Convictions Demonstrate the Need for Governance Improvements in Forensic Science</b> <i>John Morgan*</i>
2:45 PM – 3:00 PM	<b>G12</b>	<b>The National Association of Forensic Science Boards: A Collaborative Effort for State-Level Forensic Oversight</b> <i>Leigh M. Tomlin, JD*</i> ; <i>Lynn Garcia, JD</i> ; <i>John Morgan</i> ; <i>Marna L. McLendon, JD, MFS</i>
3:00 PM – 3:20 PM	<b>G13</b>	<b>Preparing for Court: The Research Forensic Library as a New Resource for the Forensic Legal Community</b> <i>Jeff Teitelbaum*</i> ; <i>Gerald LaPorte, MSFS</i>
3:20 PM – 3:30 PM		<b>BREAK</b>

## Statistical Concepts, Emerging Technologies, and our Collective Duty to Correct

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3:30 PM – 4:00 PM	<b>G14</b>	<b>The Real Action at Court Has Always Been Activity</b> <i>Tim Kalafut, PhD*</i>
4:00 PM – 4:30 PM	<b>G15</b>	<b>Presumption of Innocence, Probable Cause, and Prior Probability—Bayes Meets Due Process</b> <i>Michael J. Salyards, PhD, MFS*</i>
4:30 PM – 5:00 PM	<b>G16</b>	<b>Preventing and Correcting DNA Errors and Wrongful Convictions</b> <i>Greg Hampikian, PhD*</i>
5:00 PM – 5:30 PM	<b>G17</b>	<b>Forensic Genetic Genealogy and the Court System—Where Are We Going?</b> <i>Colleen M. Fitzpatrick, PhD*</i>

## Friday

### Poster Session

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11:30 AM – 1:00 PM	<b>G18</b>	<b>The Incidence of Expert Testimony Within Federal Sentences in the Criminal Justice System of Mexico</b> <i>Fernanda Lopez-Escobedo, PhD*</i> ; <i>Zoraida García-Castillo, PhD</i> ; <i>Karla I. Vázquez-Barrera, JD</i> ; <i>N. Sofía Huerta-Pacheco, PhD</i>
11:30 AM – 1:00 PM	<b>G19</b>	<b>Gender Inequality and Medical Malpractice: A Sneaky Oversight</b> <i>Julia Lazzari, MD*</i> ; <i>Naomi Iacoponi, MD*</i> ; <i>Ilaria Marcacci, MD</i> ; <i>Chiara Casula, MD</i> ; <i>Rebecca Pieretti, MD</i> ; <i>Arianna Baronti, MD</i>
11:30 AM – 1:00 PM	<b>G20</b>	<b>A Difficult Patient to Frame: An Overview of Critical Issues in the Management of the Psychiatric Patient After the Closure of Judicial Psychiatric Hospitals in Italy</b> <i>Carla Occhipinti, MD*</i> ; <i>Naomi Iacoponi, MD*</i> ; <i>Julia Lazzari, MD</i> ; <i>Giacomo Visi, MD</i> ; <i>Benedetta Nardi, MD</i>
11:30 AM – 1:00 PM	<b>G21</b>	<b>Post-Conviction DNA Testing: Annual Summary of an Innocence Project and University Collaboration to Identify and Evaluate Post-Conviction Cases</b> <i>Katherine A. Roberts, PhD*</i> ; <i>Paula Mitchell, JD</i> ; <i>Paige McGrail, JD</i> ; <i>Eliza Haney, JD</i> ; <i>Ayesha Hussain, JD</i> ; <i>Hilary Morman, JD</i> ; <i>Mehul Anjaria, BS, MS</i>

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11:30 AM – 1:00 PM	<b>G22</b>	<b>Workplace Violence Against Health Care Workers: An Umbrella Review of Systematic Reviews and Meta-Analyses</b> <i>Giovanni Aulino, MD*</i> ; <i>Flavia Beccia, MD</i> ; <i>Maria Francesca Rossi, MD</i> ; <i>Carlotta Amantea, MD</i> ; <i>Francesca Cittadini, PhD</i> ; <i>Antonio Oliva, PhD</i>
11:30 AM – 1:00 PM	<b>G23</b>	<b>The Positive Impact of Clinical Forensic Medicine Units on Profiles of Medicolegal Cases for Insight and Reviewing Strategies to Plan Against Crime</b> <i>Rajender Kumar, MBBS, MD*</i> ; <i>Mukta Kumar, MBBS, MD*</i> ; <i>Munish Sharma, MBBS MD</i> ; <i>Umesh Modi, MBBS, MS</i> ; <i>Nitika Saini, MBBS, MD</i>
11:30 AM – 1:00 PM	<b>G24</b>	<b>The Impact of Post-Traumatic Stress Disorder (PTSD) on Those Seeking Asylum</b> <i>Hasna M. Sheikh, LLM*</i> ; <i>Elspeth Guild</i> ; <i>Nicholas P. Lemos, PhD</i>
11:30 AM – 1:00 PM	<b>G25</b>	<b>Legal Tools to Advocate for Forensic Standards in Missing Persons' Cases</b> <i>Maria Nectaria Antoniou, LLM, MSt*</i> ; <i>Vaughn Rossouw, LLM, LLB*</i> ; <i>Stephen A. Fonseca, BTech</i> ; <i>Pierre Guyomarc'h, PhD</i>
11:30 AM – 1:00 PM	<b>G26</b>	<b>Guidelines for the Judicial Assessment of Expert Evidence in the Mexican Legal System</b> <i>Zoraida García-Castillo, PhD*</i> ; <i>Fernanda Lopez-Escobedo, PhD</i> ; <i>Anahy Rodriguez-González, PhD</i>
11:30 AM – 1:00 PM	<b>G27</b>	<b>Exploring the Contours of Bridging the Gap Between Forensic Science and Law in India</b> <i>Pancham Preet Kaur, LLM*</i>
11:30 AM – 1:00 PM	<b>G28</b>	<b>Challenging Scientists: A Three-Tier System for Educating Lawyers in Forensic Techniques</b> <i>Dinkar Vr, LLM, PHD*</i>

## Understanding Our Limits: Study Design, Black Boxes, and the Trouble With Inconclusives

8:00 AM – 8:30 AM	<b>G29</b>	<b>An FBI Laboratory Decision Analysis “Black Box” Studies in Pattern Evidence Examinations</b> <i>Gene Peters*</i>
8:30 AM – 9:00 AM	<b>G30</b>	<b>Error Rate Studies: The Good, the So-So, and the Unacceptable</b> <i>Kori Khan, MD*</i> ; <i>Alicia Laura Carriquiry, PhD</i>
9:00 AM – 9:30 AM	<b>G31</b>	<b>Inconclusive Decisions and Error Rates in Forensic Science</b> <i>Henry J. Swafford, MSFS, PhD*</i> ; <i>Steven Lund, PhD</i> ; <i>Hariharan Iyer, PhD</i> ; <i>John M. Butler, PhD</i> ; <i>Johannes Soons, PhD</i> ; <i>Robert M. Thompson, MFS, BS</i> ; <i>Vincent Desiderio, Jr., MSFS</i> ; <i>John Paul Jones, BS, MBA</i> ; <i>Robert Ramotowski, MS</i>
9:30 AM – 10:15 AM	<b>G32</b>	<b>A New Black Box Study—Part I: The Accuracy of Latent Print Examiners: What More Do We Know in a Decade?</b> <i>R. Austin Hicklin, PhD*</i> ; <i>Nicole M. Richetelli, PhD*</i> ; <i>AshLee Taylor, MS*</i> ; <i>JoAnn Buscaglia, PhD*</i>
10:15 AM – 10:45 AM	<b>G33</b>	<b>A New Black Box Study—Part II: Bullets (NIST/Noblis)</b> <i>R. Austin Hicklin, MA, BA*</i> ; <i>Nicole M. Richetelli, PhD*</i> ; <i>AshLee Taylor, MS*</i> ; <i>JoAnn Buscaglia, PhD*</i>
10:45 AM – 11:00 AM		<b>BREAK</b>

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## The Role of Medical Professionals and Digital Multimedia Evidence in Ensuring Justice

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11:00 AM – 11:30 AM	<b>G34</b>	<b>In a Manner of Speaking: A Medical and Legal Perspective on the Problem of Manner of Death Testimony in Criminal Trials and What We (All) Should Be Doing About It</b> <i>Allison Lewis, JD, BA*; Andrew Baker, MD*</i>
11:30 AM – 12:00 PM	<b>G35</b>	<b>Misleading Sexual Assault Nurse Examiner (SANE) Testimony in Child Sexual Abuse Cases</b> <i>Nancy R. Downing, JD*</i>
12:00 PM – 12:30 PM	<b>G36</b>	<b>Modeling Influences on the Understanding of Digital and Multimedia Evidence (DME) by Attorneys and Digital Forensic Examiners (DFE) Within the United States Criminal Justice System</b> <i>Joseph Levi White, PhD*</i>
12:30 PM – 1:45 PM		<b>BREAK</b>

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## History and Current State of DNA Mixture Interpretation (for Lawyers)

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1:45 PM – 2:15 PM	<b>G37</b>	<b>DNA Mixture Interpretation: A History of Field and NIST Foundation Study Findings</b> <i>John M. Butler, PhD*</i>
2:15 PM – 3:15 PM	<b>G38</b>	<b>DNAmix 2021: Inter-Laboratory Variation in the Interpretation of DNA Mixtures</b> <i>R. Austin Hicklin, MA, BA*; Jonathan Davoren, MSc*; Nicole M. Richetelli, PhD; Robert Bever, PhD</i>
3:15 PM – 3:30 PM		<b>BREAK</b>

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## Human Factors in Forensic DNA Interpretation: Strategies for Effective Implementation

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3:30 PM – 4:00 PM	<b>G39</b>	<b>An Overview of the NIST/NIJ Expert Working Group on Human Factors in Forensic DNA Interpretation Report</b> <i>Melissa Taylor*; Nikola Osborne, PhD*</i>
4:00 PM – 4:45 PM	<b>G40</b>	<b>Improving Forensic DNA Interpretation Protocols and Reports Through the Implementation of Human Factors Recommendations</b> <i>Britton Morin, MSFS*; Nikola Osborne, PhD</i>