GENERAL

Thursday

Poster Session

11:30 am – 1:00 pm	**F1**	**A Comparison of Alternate Light Source Techniques for Visualization of Bruising** Jazmine Roth, MPS*; Jason W. Brooks, PhD; Ralph R. Ristenbatt, MS
11:30 am – 1:00 pm	**F2**	**An Independent Evaluation of a Commercial Colorimetric Drug Test System Using Confirmed Forensic Casework** Amy L. Patton, PhD*; Kenton Leigh, MS; Joseph O. Jones, PhD
11:30 am – 1:00 pm	**F3**	**Assessing the Influence of Pesticides on the Cannabis Odor Profile: Implications for Chemical and Canine Detection** Joel L. Fuentes Carrasco, BS*; Lauryn DeGreeff, PhD
11:30 am – 1:00 pm	**F4**	**Beyond the Imprint: Six Years of Counterfeit Prescription Tablet Trends in Northern Louisiana** Kenton Leigh, MS*; Amy L. Patton, PhD; Joseph O. Jones, PhD
11:30 am – 1:00 pm	**F5**	**From FASTQ to Likelihood Ratio: An Accessible Bioinformatics Workflow for Targeted Single Nucleotide Polymorphism Analysis of Rootless Hair** Alyse Ostojic, BS*; Grace L. Millis, BS; Elaine Lewis, PhD; Daniele S. Podini, PhD
11:30 am – 1:00 pm	**F6**	**The DNA Success Rate for Interior Vehicle Swabs: Advancing Efficient Evidence Recovery and Testing** Allison Coppes, MFS*
11:30 am – 1:00 pm	**F7**	**The Optimization of Novel Surface Swipe Sampling for Use With Direct Analysis in Real-Time-Mass Spectrometry** Francis Audrey Pamaran, MS*; Lauryn DeGreeff, PhD
11:30 am – 1:00 pm	**F8**	**Understanding Direct Analysis in Real Time Mass Spectrometry Ionization Behavior in Personal Lubricants: The Implications for Forensic Evidence Interpretation** Clarissandra Braun, BS*; Candice Bridge, PhD
11:30 am – 1:00 pm	**F9**	**The Creation of Next-Generation Universal Detector Calibrants Utilizing Advanced Nanoporous Functional Materials for Controlled Odor Delivery** Md. Rajib Hossain, MSc*; Kenneth G. Furton, PhD; Abuzar Kabir, PhD
11:30 am – 1:00 pm	**F10**	**Beyond the Horizon: Adapting Mass Fatality Recovery Protocols for Remote, High-Altitude, and Extraterrestrial Environments** Amanda Wright, APM*; Khlea Sumani, DMD
11:30 am – 1:00 pm	**F11**	**A Comparative Evaluation of Drip Bloodstain Patterns Produced by Human, Porcine, and Synthetic Blood on Fabric Substrates** Adam Werwie, BS*; Lawrence Quarino, PhD; Andra Lewis, PhD; Ralph R. Ristenbatt, MS
11:30 am – 1:00 pm	**F12**	**Toward a Peridynamic Model for Simulating Blunt Force Fracture Patterns in Bone** Pavithra Venkatachalapathy, MSc*; Dennise Sanchez, BA; Victoria Howle, PhD; Mariyam I. Isa, PhD*
11:30 am – 1:00 pm	**F13**	**Ethical Implications In Forensic Research on War Crimes: A Literature Review** Giuseppina Seppini, MSN*

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11:30 am – 1:00 pm	**F14**	**From Toxicological Confirmation to Digital Reconstruction: A Pakistani Multi-Unit Forensic Investigation of a Suspicious Cyanide Poisoning Involving a United States National Family** Hafiz Faisal Usman, MS*; Yusra Iqbal, FCPath
11:30 am – 1:00 pm	**F15**	**Exploring Biological Vulnerability to Suicide Through Postmortem Glycometabolic Biomarkers: A Forensic Case-Control Study** Andrea Cioffi, MD, PhD*; Camilla Cecannecchia, MD*; Antonello Bellomo, MD; Stefano Ferracuti, MD; Luigi Cipolloni, PhD*
11:30 am – 1:00 pm	**F16**	**Cold Case Reviews: Classroom Collaborations to Move Cases Forward** Cris E. Hughes, PhD*; Trish Oberweis, PhD; Abigail E. Houkes, MA; Daniel Rossiter, BAS
11:30 am – 1:00 pm	**F17**	**From Temporary Crime Scenes to Permanent Infrastructure: Developing an Outdoor Forensic Laboratory for Higher Education** Tammy E. Bracewell, PhD*; Christine A. Jones, PhD
11:30 am – 1:00 pm	**F18**	**Regional Variation in Southern African Lion Hair: Morphological Characteristics for Forensic Body Region Origin Determination** Raisa Borgelink; Chandra Finaughty, MPhil*; Louise Lijcklama à Nijeholt,, PhD; Claire Gwinnett, PhD

Thursday—Session I

Forensic Analysis, Technology, and Instrumentation

Moderator: Dayla Rich, PhD — Co-Moderator: Jerry Walker

8:30 am – 8:45 am	**F19**	**From Spectra to Decision Dashboards: Connecting Field and Laboratory Data World Wide for Early Warning of Novel Psychoactive Substances** Brad Elsbury, MSc*; Philip Grother, MBA*
8:45 am – 9:00 am	**F20**	**A Forensic Evaluation of Commercial Hemp Concentrates: Rapid Sample Preparation and Multi-Column LC-UV Analysis** Elizabeth H. Jaynes, BS*; Walter B. Wilson, PhD
9:00 am – 9:15 am	**F21**	**Assessing the Performance of Portable Spectrometers for the In-Field Detection and Identification of Synthetic Opioid** Lauryn R. Cammarata, BA*; Pauline E. Leary, PhD; Seth Fisher, BS; Eric Wallis, BS; Brooke W. Kammrath, PhD
9:15 am – 9:30 am	**F22**	**Illicit Heroin Profiling: Trends in Mauritius and the Development of Analytical Techniques for Intelligence Purposes** Aadeel Toofany, MSc*
9:30 am – 9:45 am	**F23**	**Navigating Complexity: Laced Paper and the Analytical Burden of Correctional Casework** Hamil Patel, MS*
9:45 am – 10:00 am	**F24**	**The Identification of Shahtoosh Fibers by Attenuated Total Reflectance Infrared Spectroscopy and One-Class Classification With Calibrated Likelihood Ratios** Eugenio Alladio, PhD*; Sergio Schiavone, MA; Livia Lombardi, PhD
10:00 am – 10:15 am		**BREAK**

GENERAL

Moderator: Deadra Caleb, MS — Co-Moderator: Terrance Lewis, MA

10:15 am – 10:30 am	**F25**	**A Quantitative Comparison of Antemortem and Postmortem Fingerprint Biometrics Using Quality Scores** Savannah C. Truan-Walker, BA*; Sydni Stinnett, MSc*; Erin A. Patrick, MSc; Elizabeth Albee, MA; Anielle Duncan, MA; Tiffany B. Fracchia, PhD; Stephanie House, BA; Kelly Sauerwein, PhD; Samantha Upton, BA; Dawnie W. Steadman, PhD
10:30 am – 10:45 am	**F26**	**Forensic Adaptations: Selecting Fingerprint Recovery Techniques for Mummified Remains** Amethyst Crowe, BA*; Lorraine Barton, MS*
10:45 am – 11:00 am	**F27**	**The UTK Antemortem/Postmortem Biometric Project: An Overview of Data Collection and Data Management of a 13-Year Study** Dawnie W. Steadman, PhD*; Elizabeth Albee, MA; Anielle Duncan, MA; Tiffany B. Fracchia, PhD; Stephanie House, BA; Erin A. Patrick, MSc; Kelly Sauerwein, PhD; Sydni Stinnett, MSc; Savannah C. Truan-Walker, BA; Samantha Upton, BA
11:00 am – 11:15 am	**F28**	**Validating a Microbiome-Based Model to Predict the Postmortem Interval for Human Death Scenes** Valerie A. Seitz, PhD*; Victoria Nieciecki, PhD; Jonathan Kirkland, BS; Zachary Burcham, PhD; Asa Ben-Hur, PhD; Sibyl R. Bucheli, PhD; David O. Carter, PhD; Rob Knight, PhD; Jessica Metcalf, PhD
11:15 am – 11:30 am	**F29**	**Establishing a Provisional Method for Sampling and Analysis of Necrosol for a Multi-Instrumental Analytical Workflow** Lauren Schwarz, BS*; Isabella A. Formica; Matthieu Baudelet, PhD
11:30 am – 1:00 pm		**BREAK**

Case Studies

Moderator: Tracilyn Nakatsuka, BA — Co-Moderator: Krista Troup, MS

1:00 pm – 1:15 pm	**F30**	**Country-Made Firearms and the Need for Standardized Examination Protocols: A Comparative Typological Study Focused on India's Desi Katta** Urna Chakraborty, BSc*; Ninad Vilas Nagrale, MD
1:15 pm – 1:30 pm	**F31**	**The Francis Scott Key Bridge Collapse: Victim Identification, Autopsy Findings, and Mass Fatality Response** Robert Colbourn, MD, PhD*; Kamilah Fernandez, MD; Batoul Aoun, DO; Stephanie A. Dean, MD
1:30 pm – 1:45 pm	**F32**	**Saint Marianne Cope and Saint Damien of Moloka'i: How Forensic Sciences and Faith Work Together for the Benefit of the Community** Carlos A. Gutiérrez Ayala, PhD*; Vincent Sava, MSc; Samantha Casarrubias*; Emma Rosales
1:45 pm – 2:00 pm	**F33**	**A Closer Look Into New Trends Exclusive to Latino Youth Gang Violence: From Los Angeles to Philadelphia** Cliff Akiyama, MPH*
2:00 pm – 2:15 pm	**F34**	**Death on the Runway: Suicide by Jet Engine** Tracy Brisendine, BA*

2:15 pm – 2:30 pm	**F35**	**He Stabbed, She Stabbed: Sharp-Force Injury Pattern Analysis to Determine Inflicted Versus Self-Inflicted Injury** Ellen Strömmer, MPH*; Michael Freeman, MD, PhD
2:30 pm – 2:45 pm	**F36**	**French Guillotine 2.0: A Histopathological Analysis of a Complex Suicide** Ophélie Guillerme, MSc*; Estelle Bonnot, MD; Pauline Saint-Martin, PhD; Céline Guilbeau-Frugier, PhD; Eulalie Pefferkorn, APM
2:45 pm – 3:00 pm	**F37**	**A Tale of Two States With Unidentified Waterway Remains: When Only One Human Bone Travels—Forensic Investigative Genetic Genealogy Finds Out How Far** Michelle S. Clark, MS*; James R. Gill, MD
3:00 pm – 3:15 pm	**F38**	**Applying a Range of Forensic Techniques to Provenancing of Violins and Bows: Illustrated With Case Studies** Stewart Walker, PhD*
3:15 pm – 3:30 pm		**BREAK**

Forensic Standards

Moderator: Jennifer Jacobi, EdD — Co-Moderator: Ashley Spicer, MSFS

3:30 pm – 3:45 pm	**F39**	**Restructuring for Impact: OSAC 3.0's Organizational, Authority, and Process Reforms** Donna Sirk*
3:45 pm – 4:00 pm	**F40**	**OSAC/ASB Standards Development Activities in Firearm and Toolmark Examination** Xiaoyu A. Zheng, MSME*; Robert M. Sanger, JD
4:00 pm – 4:15 pm	**F41**	**A Bloodstain Pattern Analysis Subcommittee Update From the Organization of Scientific Area Committees** Peter Valentin, PhD*
4:15 pm – 4:30 pm	**F42**	**AAFS Academy Standards Board Update: Bloodstain Pattern Analysis Consensus Body** Toby L. Wolson, MS*
4:30 pm – 4:45 pm	**F43**	**Transitioning IGG to a Regulated Forensic Discipline: Using ISO 17020 Along With Supplemental Standards to Form a Path to Accreditation** Jennifer S. Randolph, MSc*; Colleen M. Fitzpatrick, PhD, Wendy McLean, BSc, Teresa Vreeland, BS; Sidney Collins, MA
4:45 pm – 5:00 pm	**F44**	**Implementing ANSI/ASB Standard 014-24: Friction Ridge Impressions, Figures, and What We Leave on the Cutting Room Floor** Joe C. Treviño, DFS*

Thursday – Session II

Investigation and Crime Scene

Moderator: John Wang, PhD — Co-Moderator: Elizabeth Powell, MBA

8:30 am – 8:45 am	**F45**	**An Annotated Best Practices Framework for Missing and Unidentified Person Identification Worldwide** Jennifer H. Jacobi, EdD*
8:45 am – 9:00 am	**F46**	**From Awareness to Action: Building a Multidisciplinary Child Protection System Through Capacity Building: Lessons From India's POCSO Experience** Rajesh Kumar, MD*;
9:00 am – 9:15 am	**F47**	**Killer Perspective: Rethinking Forensic Investigations Through Offender Interviews** Michelle Rippy, EdD*
9:15 am – 9:30 am	**F48**	**Intimate Partner Violence Against Women Murders: Forensic Features and Differences With Domestic Violence** Miguel Lorente, PhD*; María Cuadros, MCrim
9:30 am – 9:45 am	**F49**	**The Criminal Investigation Process and the Role of Forensic Evidence: A 30-Year Update and a Projection of Near-Future Development** Frank Horvath, PhD*; Robert Meesig, PhD
9:45 am – 10:00 am	**F50**	**The Increasing Need for Evidence Technician Training Courses to Train Law Enforcement Crime Scene Technicians in Applied Forensic Science** Robert L. Hunkeler, MFS*
10:00 am – 10:15 am		**BREAK**

Moderator: Yakubu Magaji Yuguda, MSc, PhD — Co-Moderator: Casandra Setser, MSFS, PhD

10:15 am – 10:30 am	**F51**	**Property and Evidence Accreditation: Insights of a 17025 Forensic Laboratory** Gina Murphy, MS*; Diamonisha Q. Jackson, MPA*; Felicia McIntire, BS; Mary Jones Dukes, MS
10:30 am – 10:45 am	**F52**	**Utilizing Radiographs to Analyze Burned Human Remains for the Presence of Ballistic Evidence In-Scene** Darren A. Solomon, DFS*; Kaleigh C. Best, PhD; Angela Dautartas, PhD; Rebecca L. George, PhD; Rhian Dunn, PhD
10:45 am – 11:00 am	**F53**	**Geographic Profiling: The Impact of Landscape Familiarity on Clandestine Burial Site Selection** Madeline R. Leggiero, BS*; Karl Harrison, PhD; Fabio Oldoni, PhD; Kimberlee S. Moran, MSc *(FSF Emerging Forensic Scientist Award Oral Presentation)*
11:00 am – 11:15 am	**F54**	**Taphonomic Surface Changes: A New Frontier in Illicit Burial Detection** Mike Walters, MSc*; David Errickson, PhD; Roland Wessling, MSc
11:15 am – 11:30 am	**F55**	**Unmanned Aerial Vehicle-Based Remote Sensing for Assessing Clandestine Grave Locations at a Natural Burial Ground in the United Kingdom** Cherene de Bruyn, MA*; Komang Ralebitso-Senior, PhD; Kirstie R. Scott, PhD; Heather Panter, PhD; Frederic Bezombes, PhD
11:30 am – 1:00 pm		**BREAK**

*Presenting Author

GENERAL

Crime Scene and Medicolegal

Moderator: Lara Newell — Co-Moderator: Ariel Lee, MS

1:00 pm – 1:15 pm	**F56**	**Returning to the Crime Scene: Mixed Reality for Forensic Scene Review** Kirk Duncan, MBA*
1:15 pm – 1:30 pm	**F57**	**No Paywalls Here! From Casework Questions to Courtroom Answers: Using the NIST Forensic Research Library** Jeff Teitelbaum, MSL*
1:30 pm – 1:45 pm	**F58**	**The CARE Team: Who They Are and What They Do** Lisa Meade, PhD*
1:45 pm – 2:00 pm	**F59**	**Around the World and Beyond: Advancing Medicolegal Death Investigation Through Standards** Kelly Keyes, BS, D-ABMDI retired*
2:00 pm – 2:15 pm	**F60**	**Beyond the Checklist: Navigating Accreditation With Forensics Training and Technical Assistance and the ME/C Document Repository** Kelly Keyes, BS, D-ABMDI retired*; Ashley Rodriguez, MA; Kathryn E. Greenwell, BA
2:15 pm – 2:30 pm	**F61**	**R99 Death Certification: Understanding Patterns of Ill-Defined Causes of Death** Kimberly Repp, PhD MPH; Abigail J. Grande, MPH*; Melissa Pasquale-Styles, MD; Joshua Akers, MD
2:30 pm – 2:45 pm	**F62**	**The Eight Orange Counties: One Name, Eight Distinct Medicolegal Death Investigation Systems Across the United States** Kelly Keyes, BS*
2:45 pm – 3:00 pm	**F63**	**When We Compress the Chest During Cardiac Arrest: Standardized Reporting of Injuries Associated With Mechanical Cardiopulmonary Resuscitation Devices** Nea Fride, MD*; Griffin Phenegar, BS; Matthew E. Stenerson, MD; Jamie Kallan, MD *(FSF Emerging Forensic Scientist Award Oral Presentation)*
3:00 pm – 3:15 pm		**BREAK**

Medicolegal

Moderator: Kelly Elkins, PhD — Co-Moderator: Cliff Akiyama, MPH, MA

3:15 pm – 3:30 pm	**F64**	**What's Up in Forensic Imaging? From Virtopsy to Virtoxy and AI-Opsy** Michael Thali, APM*
3:30 pm – 3:45 pm	**F65**	**Around the World and Beyond: The Journey of Rapid Postmortem Toxicology Screening in Medical Examiner and Coroner Offices** Jeri D. Ropero-Miller, PhD*; Kelly A. Keyes, BS; Hope M. Smiley-McDonald, PhD
3:45 pm – 4:00 pm	**F66**	**The Diagnostic Value of Quantitative Thoracic Parameters on Postmortem CT for Differentiating Asphyxial and Non-Asphyxial Deaths** Ophélie Guillerme, MSc*; Norbert Telmon, PhD; Pauline Saint-Martin, PhD; Fabrice H. Dedouit, PhD; Eulalie Pefferkorn, APM
4:00 pm – 4:15 pm	**F67**	**Reconstructing Fatal Police Restraint: A Multimodal Forensic Approach Beyond Autopsy Findings** Samuele Baldi, MD*; Alessia Brandimarti, MD; Giulia Riva, MD; Yao Chen, MD

4:15 pm – 4:30 pm	**F68**	**When the Victim Is Male: A Long-Term Forensic Study of Female-Perpetrated Intimate Partner Homicide** Angela Colucci, MD*; Federica Mele, MD, PhD; Alessandro Cristalli, MD; Sara Di Trani, MD; Antonio Marzaioli, MD; Anna Antonia Capurso, MD; Mariapia Magistro, MD; Francesco Introna, MD, PhD; Enrica Macorano, MD
4:30 pm – 4:45 pm	**F69**	**International Approaches to Sudden Unexpected Infant and Fetal Death Investigation: The Italian Framework in Comparative Perspective** Denise Piano, MD*; Cecilia Pezzella Castellani, MD; Marco Palpacelli, MD; Francesco Paolo Busardò, MD, PhD; Loredana Buscemi, MD
4:45 pm – 5:00 pm	**F70**	**International Communications Postmortem: Consulates, Religion, and Finding Next of Kin** Aubrey Bryak, BS*; Carrie Costello, MS

Friday

Poster Session

11:30 am – 1:00 pm	**F71**	**Advancing Quality, Compliance, and Team Capability in Evidence Management** George Smith*; Nakisha J. Younger
11:30 am – 1:00 pm	**F72**	**Evaluating Evidence Item Submission Policies to Improve Laboratory Workflow Efficiency** Hannah Dwyer*
11:30 am – 1:00 pm	**F73**	**An Operational and Administrative Review of Interagency Coordination Failures Between Law Enforcement, Medicolegal Death Investigation, and Forensic Anthropology in a Skeletonized Remains Case** Amanda Alvarez Wright, MPA*; Erin Worrell, BSc*
11:30 am – 1:00 pm	**F74**	**999, 911, 112—Where Is Your Emergency? A Discussion of Variations in Global Emergency Police Responses and the Role of Call Handlers in Forensic Scene Preservation** Ellen R. Shakeshaft, MSc* *(FSF Emerging Forensic Scientist Award Poster Presentation)*
11:30 am – 1:00 pm	**F75**	**The Forensic Intelligence Unit's Role in Optimizing Multidisciplinary Testing and Supporting Impartiality** Jasira Jzar, BA*
11:30 am – 1:00 pm	**F76**	**The Financial Impact of the Forensic Examination of a Drug Case: An Analysis of the Cost of Quality and Accreditation** Shemsi Duriqi, MASc*; Herolind Krasniqi, MSc*; Ganimete Axhami, MASc
11:30 am – 1:00 pm	**F77**	**Ethnicity in Knife Crime Research: Evaluating the Reliability of Victim and Offender Data in England and Wales** Isobel Knight, MSc*; Satu Valoriani, PhD; Suzzanne M. McColl, PhD; Matteo Borrini, PhD
11:30 am – 1:00 pm	**F78**	**The Importance of an Undetermined Case Review Team: Medicolegal Perspectives** Anita M. Roman, BS*; Lara Newell, MA*
11:30 am – 1:00 pm	**F79**	**Evidence Discrepancies Across Forensic Units: Trends, Impacts, and Solutions** Caitlin Doty, MSFS*

11:30 am – 1:00 pm	**F80**	**Perceived Sexual Assault Kit Backlog Size, Public Trust, and Institutional Responsibility** Janette Wilson*; Valentin Dinu, PhD; Sree Kanthaswamy, PhD *(FSF Emerging Forensic Scientist Award Poster Presentation)*
11:30 am – 1:00 pm	**F81**	**The Sugar Land 95: Ethical Considerations, Analytical Successes, and Methodological Limitations of FIGG—Results From Historic Identification Efforts** Samantha D. Hofland, MA*; Meradeth H. Snow, PhD; Catrina Banks Whitley, PhD; Abigail Eve Fisher, PhD; Rita Simonetta, BA
11:30 am – 1:00 pm	**F82**	**The Ethics of Destructive Research on Human Remains: An Exploratory Survey** Shelby R. Feirstein, MS*; Lacy J. Hazelwood, PhD; Xenia Kyriakou, PhD; Nicholas V. Passalacqua, PhD; Meradeth H. Snow, PhD *(FSF Emerging Forensic Scientist Award Poster Presentation)*
11:30 am – 1:00 pm	**F83**	**Carbon Monoxide Suicides** Bogdan Ionuț Mălinescu, MD, PhD*; Tudor Ștefan Mălinescu
11:30 am – 1:00 pm	**F84**	**After Identification: Reflecting on the Potential Role of Cause-of-Death Investigation in Disaster Victim Management** Luisa Andrello, MD, PhD; Matteo Moretti, MD, PhD*; Vera Gloria Merelli, MD; Rosa Maria Martinez, MD; Elia Mafrin, MD
11:30 am – 1:00 pm	**F85**	**Pediatric Suicides in Maryland, 2014 – 2024: A Statewide Retrospective Analysis of Demographic, Socioeconomic, and Mechanistic Trends** Gabrielle Frederick, BA*; Batoul Aoun, DO*; Kristen R. Koob, MD*
11:30 am – 1:00 pm	**F86**	**Rising Risks in a Receding Lake: Spatiotemporal Patterns of Decedent Recovery in the Lake Mead Recreation Area** Rachel V. Bondi, BA*; Derek A. Boyd, PhD
11:30 am – 1:00 pm	**F87**	**Scurvy as an Under-Recognized Risk Factor for Thrombosis** Nea Fride, MD*; Amanda B. Webb, MAED; David Jumes, DO; Shravya Devi Gurram, MBBS; Jamie Kallan, MD *(FSF Emerging Forensic Scientist Award Poster Presentation)*
11:30 am – 1:00 pm	**F88**	**Drownings: Was It an Accident or Suicide? You Decide—A Global Review and Case Analysis** Patricia C. Smith, MSL, ACP, & D-ABMDI, MSL*
11:30 am – 1:00 pm	**F89**	**Artificial Intelligence in Cold Case Investigations: A Framework for Responsible Implementation** Morgan P. Tart, MS*

Education and Training

Moderator: TBD — Co-Moderator: TBD

8:30 am – 8:45 am	**F90**	**Novel Training Programs: Showcasing University and Public Forensic Science Service Provider Laboratory Partnerships** Kelly M. Elkins, PhD*; Theresa M. DeAngelo, MSFS*
8:45 am – 9:00 am	**F91**	**Bridging the Gap: A Framework for University–Law Enforcement Partnerships in Cold Case Investigations** Morgan P. Tart, MS; Emily Stiles

9:00 am – 9:15 am	**F92**	**The WVU Unsolved Case Project: Methodologies of Unsolved Case Investigations With a Forensic Focus** Alissa Silva*; Amber Morgan*; Tiffany Edwards, MS*
9:15 am – 9:30 am	**F93**	**A Combined Narrative and Virtual Crime Scene Reconstruction in Forensic Science Education** Beth Saucier Goodspeed, ABC-BIO, MS*; Hailey Garrison, MS
9:30 am – 9:45 am	**F94**	**The Use of Virtual Reality (VR) as a High-Impact Forensic Science Education Tool** Karla-Sue Marriott, PhD*
9:45 am – 10:00 am	**F95**	**Synthetic Crime Scenes on Trial: A Generative-AI Crime Scene and Asynchronous Mock Trial Capstone for Teaching Defensible Expert Testimony** Ashraf Mozayani, PhD*
10:00 am – 10:15 am		**BREAK**

Moderator: Alan Boehm, MFS — Co-Moderator: Ava Thorpe

10:15 am – 10:30 am	**F96**	**Standards Implementation Starts Here: Integrating Standards on the OSAC Registry Into Forensic Science Curricula** Allison Getz, MS*
10:30 am – 10:45 am	**F97**	**The Human Body in the Development of Knowledge: A Comparison of International Legislation** Gaetano Di Donna, MD*; Claudia Casella, PhD; Massimo Niola, PhD
10:45 am – 11:00 am	**F98**	**Rolling into Readiness: Developing a Dynamic Tabletop Exercise for Quality Incident Response** Cassandra Rock, MFS*; Eliana Topf, BS; Melissa Bakich, BA; Mandy Tinkey, MFS; Lindsay L. Kotchey, MSFS
11:00 am – 11:15 am	**F99**	**The Benefits of Cognitive Bias Training for Forensic Practitioners: A Pilot Study** Marion Davidson, MS*; Jeff Kukucka, PhD *(FSF Emerging Forensic Scientist Award Oral Presentation)*
11:15 am – 1:00 pm		**BREAK**

Wildlife/Botany/Entomology

Moderator: Amanda Alarez Wright — Co-Moderator: Tolulope Abejide, MSc, MFS

1:00 pm – 1:15 pm	**F100**	**The Wildlife Forensics Landscape in South Africa: First-Hand Lessons and Insights From Stakeholder Engagement and Poaching Scene Attendance** Chandra Finaughty, MPhil*; Devin A. Finaughty, PhD; Laura Heathfield, PhD
1:15 pm – 1:30 pm	**F101**	**Humans are Selective Forces on Vertebrate Scavenger Dynamics and Influence Necrophagous Fly Communities** Samantha J. Sawyer, PhD*
1:30 pm – 1:45 pm	**F102**	**Species-Level Identification of Single Pollen Grains Using Microscopy, Genomics, and Lipidomics** Matthieu Baudelet, PhD*; Jack Trimble, MS
1:45 pm – 2:00 pm		**BREAK**

GENERAL

Canine

Moderator: Amanda Alarez Wright

Co-Moderator: Tolulope Abejide, MSc, MFS

2:00 pm – 2:15 pm	**F103**	**From Cognitive Bias to Quality Assurance: Evaluating the Evidence Behind Forensic Detection Canine Standards** Keir Davies, MSc*; Nikolas P. Lemos, PhD
2:15 pm – 2:30 pm	**F104**	**Residual Odor: Duration, Habituation, and Mitigation Strategies for Effective Canine Training** Roxana Ecehvarria, BS*; Sheila Olive Sunti, BS; Emma Calabrese, PhD; Katherine Dias Castro, PhD; Lauryn DeGreeff, PhD
2:30 pm – 2:45 pm	**F105**	**The Long-Term Effects of Storage and Containment Conditions on the Volatile Profiles of Human Remains Detection Training Aids** Daigoro Greco, MSFS*; Lauryn DeGreeff, PhD; Fantasia Whaley, PhD
2:45 pm – 3:00 pm	**F106**	**Changes in the Volatile Organic Compounds of Biological Samples for Canine Detection of Trace DNA Evidence** Fantasia Whaley, PhD*; Diana Rodriguez, BS; Emma Calabrese, PhD; Lauryn DeGreeff, PhD
3:00 pm – 3:15 pm	**F107**	**An Evolution and Comparison of Volatile Organic Compound Profiles From Fresh and Aged Burned Human Remains Analogs** Daigoro Greco, MSFS*; Fantasia Whaley, PhD; Lauryn DeGreeff, PhD
3:15 pm – 3:30 pm	**F108**	**Toward the Development and Selection of Canine Training Aids for the Detection of Electronic Storage Devices Using Headspace Analysis** Raina Grosswald, BS*; Emma Calabrese, PhD; Lauryn DeGreeff, PhD