

GENERAL

Wednesday

Poster Session

11:30 AM – 1:00 PM	F1	The Impact of COVID-19 on Death Rates in a Rural Missouri County <i>Marie Lasater, MSN*</i>
11:30 AM – 1:00 PM	F2	Predicting Accidental Drug Overdose as the Cause and Manner of Death in Near Real-Time Using the Suspected Potential Overdose Tracker (SPOT) Tool—New York City, 2018–2020 <i>Karli Hochstatter, PhD, MPH*; Jason Graham, MD</i>
11:30 AM – 1:00 PM	F3	Research Questionnaires to Assess Law Enforcement Use of Near-Surface Geophysics <i>Michelle Proulx*; Libby Stern, PhD; Jason Parrish, BA</i>
11:30 AM – 1:00 PM	F4	Determining Diets Via Blood for Forensic Applications <i>Estreylla Sierra, BS*; Jan Halamek, PhD</i>
11:30 AM – 1:00 PM	F5	When the Killer Is Waiting for You at the Door: A Case Report of a Katana Murder <i>Vittorio Gatto, PhD*; Riccardo Renzi, MD; Franco Marinelli, MD</i>
11:30 AM – 1:00 PM	F6	A Thousand Ways to Die: When the Suicidal Instinct Cannot be Stopped <i>Vittorio Gatto, PhD*; Riccardo Renzi, MD; Franco Marinelli, MD; Enrico Silingardi</i>
11:30 AM – 1:00 PM	F7	Godfathers on the Beach—The Hidden Corpse Under the Sand: A Case Report <i>Federico Privitera, MD*; Gabriele Licciardello, MD*; Carlotta Scavone, MD; Andrea Giovanni Musumeci, MD; Giovanni Marci, PhD; Monica Salerno, MD, PhD</i>
11:30 AM – 1:00 PM	F8	Is Infrared Photography Equivalent to the Use of Chromophore Testing for Muzzle-to-Target Distance Determination in Gunshot Residue? <i>Jeff Kay, MFS*; Ismail Sebetan, MD, PhD*; Paul Stein, PhD*</i>
11:30 AM – 1:00 PM	F9	Forensic Sexual Assault Evidence: Moving Past Differential Extractions <i>Raman Sandu-Kirmer, MFS*; Ismail Sebetan, MD, PhD*; Paul Stein, PhD*</i>
11:30 AM – 1:00 PM	F10	The Shelf Life and Effectiveness of Blood Reagents Over Time <i>Aimee Nolan, MFS*; Ismail Sebetan, MD, PhD*; Paul Stein, PhD*</i>
11:30 AM – 1:00 PM	F11	Gun Violence: Recreating Shooting Incidents <i>Michele Valeros, MFS*; Ismail Sebetan, MD, PhD*; Paul Stein, PhD*</i>
11:30 AM – 1:00 PM	F12	The Variation in Suicide Note Traits Between Men and Women <i>Eleanor Abreo, MD*; Edana Stroberg, DO</i>
11:30 AM – 1:00 PM	F13	The Role of the Ethics Committee in Research Activities During the SARS-CoV2 Pandemic <i>Barbara Abenante, MD*; Francesca Capello, MD*; Giancarlo Di Vella, PhD; Lucia Tattoli, PhD</i>
11:30 AM – 1:00 PM	F14	An Improbable Ballistic Trajectory in a Firearm Suicide With an Expanding Ammunition <i>Audrey Servoise*; Bérengère Dautreme; Elise Hardoin; Benjamin Mokdad, MD; Gilles Tournel, MD, PhD</i>
11:30 AM – 1:00 PM	F15	Kinship vs. Unidentified Human Remains (UHR) <i>Kent Harman, MBA*</i>

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11:30 AM – 1:00 PM	F16	True Believers: An Analysis of Trauma Associated With Modern Incidences of Human Sacrifice <i>Samantha McCrane, MA*</i> ; <i>Megan Fry, MA</i> ; <i>Chu Hsiao, PhD</i>
11:30 AM – 1:00 PM	F17	A Case Report of Suicidal Hanging With Precipitation <i>Elise Hardoin*</i> ; <i>Bérengère Dautreme</i> ; <i>Audrey Servoise</i> ; <i>Albane Guigne</i> ; <i>Anne-Claire Lhoumeau, MD</i> ; <i>Gilles Tournel, MD, PhD</i>
11:30 AM – 1:00 PM	F18	How to Approach Drug Intoxication in Pediatric Age: A Five-Year Retrospective Analysis <i>Francesco Lupariello, MD</i> ; <i>Francesca Capello, MD*</i> ; <i>Alice Porceddu, MD*</i> ; <i>Barbara Lauria, MD</i> ; <i>Sonia Aguzzi, MD</i> ; <i>Claudia Bondone, MD</i> ; <i>Giancarlo Di Vella, PhD</i>
11:30 AM – 1:00 PM	F19	Ossified Cephalohematoma in a 27-Day-Old Infant: A Rare Finding Diagnosed by Postmortem Computed Tomography (CT) Scan <i>Michael Pagacz, MD*</i> ; <i>Zabiullah Ali, MD</i>
11:30 AM – 1:00 PM	F20	The Optimization of 3D Fingermark Images for Use in the Federal Bureau of Intelligence's (FBI's) Universal Latent Workstation (ULW) <i>Nicole Stanaback*</i> ; <i>Josep De Alcaraz-Fossoul, PhD</i>

Thursday

Comparison Evidence

Moderator: TBD

Co-Moderator: TBD

8:30 AM – 8:45 AM	F21	Fingerprints: A Signature Through Time <i>Tracy Brisendine, BA*</i>
8:45 AM – 9:00 AM	F22	The Examination of Latent Fingermark Degradation as a Function of Time and Temperature by 2D and 3D Optical Analyses <i>Riddhi Roy, BS*</i> ; <i>Josep De Alcaraz-Fossoul, PhD</i>
9:00 AM – 9:15 AM	F23	Ridge Volume as a Metric for Fingermark Age Determination and Sex Discrimination <i>Nicole Stanaback*</i> ; <i>Josep De Alcaraz-Fossoul, PhD</i>
9:15 AM – 9:30 AM	F24	The Development of Potential Chemical Print Database in the United Arab Emirates (UAE) for the Analysis of Fatty Acids in Latent Fingerprints as Evidentiary Value in Forensic Investigations <i>Mayssa Hachem, PhD*</i>
9:30 AM – 9:45 AM	F25	Surface-Enhanced Raman Spectroscopy Enables Highly Accurate Identification of Different Brands, Types, and Colors of Hair Dyes <i>Dmitry Kurouski, PhD*</i> ; <i>Samantha Higgins, MSc</i>
9:45 AM – 10:00 AM	F26	Sweat Analysis Leading to the On-Site Detection for Drugs and Alcohol in the Body <i>Jan Halamek, PhD*</i> ; <i>Giana Biddle, MS</i> ; <i>Ashley Newland, MS</i> ; <i>Emilynn Banks, BS</i> ; <i>Estreylla Sierra, BS</i>
10:00 AM – 10:15 AM		BREAK

*Presenting Author

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Feet and Education

Moderator: TBD

Co-Moderator: TBD

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|---------------------|------------|---|
| 10:15 AM – 10:30 AM | F27 | Let the Feet Do the Talking
<i>Anita Hasert, BS*</i> |
| 10:30 AM – 10:45 AM | F28 | The Analysis of Feet, Footprints, and Gait—How Principles of Forensic Podiatry Assist in Criminal Investigations
<i>Kewal Krishan, PhD*; Michael Nirenberg, DPM</i> |
| 10:45 AM – 11:00 AM | F29 | A Comparison of Various Score-Based Likelihood Ratio (SLR) Methods for the Quantitative Assessment of Footwear Evidence
<i>Valerie Han, BA*; Alicia Carriquiry, PhD</i> |
| 11:00 AM – 11:15 AM | F30 | Further Observations Into the Linking of Footprints With Footwear: Forensic Implications and Interpretations
<i>Kewal Krishan, PhD*</i> |
| 11:15 AM – 11:30 AM | F31 | Source Identification of Shoeprints in a Mock Crime Scene Using an Algorithm Based on Automatic Alignment
<i>Hana Lee, BS*; Alicia Carriquiry, PhD</i> |
| 11:30 AM – 11:45 AM | F32 | Available Now: The First Open Access and Globally Accessible Forensic Science Library
<i>Jeff Teitelbaum, MS*</i> |
| 11:45 AM – 12:00 PM | F33 | Are Internships History?
<i>Max Houck, MA, PhD*</i> |
| 12:00 PM – 12:15 PM | F34 | Avoiding Alkynes of Hiring Issues: Bridging the Undergraduate Gap of Academics to Practice
<i>Michelle Rippy, MFS, EdD*</i> |
| 12:15 PM – 1:30 PM | | BREAK |

Standards

Moderator: TBD

Co-Moderator: TBD

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|-------------------|------------|---|
| 1:30 PM – 1:45 PM | F35 | Medicolegal Death Investigation—A Call for Uniformity in Core Data Elements to Support Interoperability and Electronic Exchange of Information
<i>Kelly Keyes, BS*; Erica Fornaro, BS; Jeri Roper-Miller, PhD</i> |
| 1:45 PM – 2:00 PM | F36 | Standards Development Activities in Medicolegal Death Investigation
<i>Kelly Keyes, BS*; Elissia Conlon, BA</i> |
| 2:00 PM – 2:15 PM | F37 | Standards Development Activities in Wildlife Forensic Biology
<i>Kimberly Frazier, MS; Jason Byrd, PhD*; Christina Lindquist, MS</i> |
| 2:15 PM – 2:30 PM | F38 | Knowing What's Best: An Examination of Investigator Perspectives on the Relevance of "Best Practice"
<i>Steff King, MA*; Sheri Fabian, PhD; Gail Anderson, PhD</i> |
| 2:30 PM – 2:45 PM | F39 | A Blueprint to Building an International Organization for Standardization (ISO) Quality Management System
<i>Nicole Jones, MS*; Kelly Keyes, BS; John Grassel, MS</i> |

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2:45 PM – 3:00 PM	F40	How Creating Infrastructure and Incentives Can Increase Quality in Forensic Science <i>Brian Gestring, MS*</i>
3:00 PM – 3:15 PM	F41	High Reliability Organizations: What Are They and How Do They Relate to Crime Laboratories? <i>Martin Novak, MPA*</i>
3:15 PM – 3:30 PM		BREAK

Animals and Drugs

Moderator: TBD

Co-Moderator: TBD

3:30 PM – 3:45 PM	F42	Canines Can Accurately Pinpoint the Location of Drowning Victims: Deep, Cold Water Recoveries <i>Mary Cablk, PhD*</i>
3:45 PM – 4:00 PM	F43	An Instrument-Based Approach to the Use of Human Scent as a Biometric <i>Vidia Gokool, MS*; Chantrell Frazier, DPhil; Howard Holness, PhD; Kenneth Furton, PhD</i>
4:00 PM – 4:15 PM	F44	Large Animal Veterinary Forensics <i>Cheryl Nelson, DVM</i>
4:15 PM – 4:30 PM	F45	Cutaneous Lesions Associated With “Skin Popping”: Case Reports <i>Mattia Arturi, MS*; Martina Demasi, MD; Chiara Franzetti, MD; Pietro Salmoirago, MD; Luisa Andreello, MD, PhD; Matteo Moretti, MD; Silvia Visonà, PhD; Luca Morini, PhD</i>
4:30 PM – 4:45 PM	F46	Combining Color Tests With Paper Spray-Mass Spectrometry for Drug Detection <i>Sarah Prunty, BS*; Nicholas Manicke, PhD; Dan Carmany, MS; Elizabeth Dhummakupt, PhD</i>
4:45 PM – 5:00 PM	F47	Standardization of Dogs and Sensors: Update on Current and Planned Standard of the Dogs and Sensors ASB Consensus Body <i>Kelvin Frank, Jr., MSFS; Howard Holness, PhD; Suzanne Perry, Paola Prada-Tiedemann, PhD; Kenneth Furton, PhD*</i>
5:00 PM – 5:15 PM	F48	The Determination of the Breakdown Products of Black Tar and Powder Heroin via Ultra Performance Liquid Chromatography-Photo Diode Array (UPLC-PDA) <i>Alyssa Sanchez, BS*; Bruce McCord, PhD</i>

Poster Session

11:30 AM – 1:00 PM	F49	Fetal Alcohol Spectrum Disorder (FASD) and Criminal Justice: An Italian Research Project <i>Francesco Sessa, MS, PhD*; Giuseppe Li Rosi, MD; Salvatore Rocuzzo, MD; Giuseppe Cocimano, MD; Massimiliano Esposito, MD; Cristoforo Pomara, MD</i>
11:30 AM – 1:00 PM	F50	Unlocking the Mysteries of Faith: The Importance of Forensic Sciences in a Case Series <i>Francesco Sessa, MS, PhD*; Giuseppe Cocimano, MD; Pietro Zuccarello, PhD; Federica Ministeri, MD; Federico Privitera, MD; Cristoforo Pomara, MD</i>
11:30 AM – 1:00 PM	F51	Croatian Forensic DNA Database: Past, Present, and Future <i>Igor Oblesčuk, MS; Andrea Ledic, MS*; Adela Makar, MS; Vedrana Škaro, PhD; Sasa Missoni, PhD; Damir Marjanović, PhD; Dragan Primorac, MD, PhD</i>

*Presenting Author

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- 11:30 AM – 1:00 PM **F52** **Can Stab Injuries Determine the Position of the Aggressor? An Exercise With a Real Case**
*Ricardo Mendonca, MS**; *Sara Adiazola, MS*; *Eduardo Coutinho, MS*; *João Pinheiro, PhD, MD*
- 11:30 AM – 1:00 PM **F53** **When Book Fiction Becomes Reality: A Case Report of a Brutal Murder With a Hammer and a Related Flubromazepam Intoxication**
*Vittorio Gatto, PhD**; *Riccardo Renzi, MD*; *Franco Marinelli, MD*
- 11:30 AM – 1:00 PM **F54** **Drug Addiction and Pregnancy: A “Crack” Baby Case**
*Sara Adiazola, MS**; *Ricardo Mendonca, MS*; *Eduardo Coutinho, MS*; *Helena Corro, MS*; *João Pinheiro, PhD, MD*
- 11:30 AM – 1:00 PM **F55** **The Migratory Phenomenon in Italy During the COVID-19 Pandemic: A Technical and Methodological Approach of Hotspot Inspection in the Medicolegal Perspective for Public Health and Human Rights**
*Giuseppe Cocimano, MD**; *Aldo Liberto, MD*; *Giuseppe Li Rosi, MD*; *Salvatore Rocuzzo, MD*; *Salvatore Iannuzzi, MD*; *Cristoforo Pomara, MD*
- 11:30 AM – 1:00 PM **F56** **A 3D Reconstruction of a Complex Road Accident**
*Marco Torrisi, MD**; *Martina Francaviglia, MD**; *Andrea Vittorio Maria Failla, MD**; *Federico Privitera, MD*; *Francesco Sessa, MS, PhD*; *Cristoforo Pomara, MD*
- 11:30 AM – 1:00 PM **F57** **Strangulation Asphyxia: Homicide or Suicide? A Practical Approach**
*Laura Panata, MD**; *Michela Ferrara, MD**; *Giuseppe Bertozzi, MD*; *Luca Pistolesi, MD*; *Isabella Mercurio, MD*; *Massimo Lancia, MD*; *Gianpietro Volonnino, MD*; *Mauro Bacci, MD**
- 11:30 AM – 1:00 PM **F58** **To Die in Pursuit of Beauty: A Case of Systemic Silicone Oil Embolism After a Breast Beauty Treatment**
*Vittorio Gatto, PhD**; *Franco Marinelli, MD*; *Riccardo Renzi, MD*
- 11:30 AM – 1:00 PM **F59** **Self-Immolation: A Case Series Investigating the Motivations and Risk Factors of a Rare Method of Suicide**
*Abdulaziz Al-Malki, MD**
- 11:30 AM – 1:00 PM **F60** **Trainspotting: Sudden Unexpected Death After Cannabis Consumption**
*Giuseppe Bertozzi, MD**; *Michela Ferrara, MD**; *Giovanni Pollice, MD*; *Simona Vittorio, MS*; *Elena Giacani, MD*; *Giovanni Gurgoglione, MD*; *Giuseppe Rinaldi, MD*; *Raffaele La Russa, MD*
- 11:30 AM – 1:00 PM **F61** **Measuring the Environmental Degradation of Traditional Drug and Novel Psychoactive Substance (NPS) Residues**
*Elizabeth Robinson, MS**; *Edward Sisco, PhD*
- 11:30 AM – 1:00 PM **F62** **Unidentified Child Remains: Analysis of Identifications**
*Amanda Bixler, MA**
- 11:30 AM – 1:00 PM **F63** **Eros and Thanatos: When Autoerotic Stimulation Leads to Death: A Presentation of Three Cases**
*Nicola Galante, MD**; *Lorenzo Franceschetti, MD*; *Graziano Domenico Luigi Crudele, MD*; *Irene Carabelli, MD*; *Domenico Furci, MD*; *Riccardo Zoia, MD*
- 11:30 AM – 1:00 PM **F64** **Youth Suicide Trends in Georgia: A Retrospective Study on the Effects of Pop Culture, Social Media, and the COVID-19 Pandemic**
*Samantha Mattox, DO**; *Cody Archer, BS*; *Elizabeth Andrews, BS*; *John Carter, PhD, MPH*; *Natasha Grandhi, MD*

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11:30 AM – 1:00 PM	F65	Solvent Effects in the Analysis of Explosives <i>Clarissandra Braun*</i> ; <i>Kenyon Evans-Nguyen, PhD</i>
11:30 AM – 1:00 PM	F66	The Architecture of a Face: Craniofacial Forensic Reconstruction on Paper <i>Sharon Moses, PhD*</i>
11:30 AM – 1:00 PM	F67	Cadaver Dogs and Handlers: Detection of Ancient Bones <i>Hannah Cawley*</i> ; <i>Lisa Ludvico, PhD</i>
11:30 AM – 1:00 PM	F68	A Cruel Case of Homicide: Execution by Carbonization After an Assault With a Knife <i>Andrea Cioffi, MD</i> ; <i>Camilla Cecannecchia, MD*</i> ; <i>Benedetta Baldari, MD</i>
11:30 AM – 1:00 PM	F69	Toxicological Effects of Amnesic Shellfish Poison (ASP) Poisoning: From Cleopatra’s Controversial Death to Modern-Day Forensic Considerations <i>Francesco Galassi, MD, PhD*</i> ; <i>Giulio Pulpito, MD*</i> ; <i>Elena Varotto, PhD*</i> ; <i>Valerio Aquila, MD*</i> ; <i>Matteo Sacco, MD*</i> ; <i>Alessandro Tarallo, MD*</i> ; <i>Saverio Gualtieri, MD*</i> ; <i>Fabrizio Cordasco, MD</i> ; <i>Carmen Scalise, PhD, MD</i> ; <i>Vincenzo Ritorto, MD*</i> ; <i>Maria Manno, MD</i> ; <i>Umberto Rosini, MD</i> ; <i>Martino Maesani, MD</i> ; <i>Angelica Zibetti, MD</i> ; <i>Santo Gratteri, PhD, MD</i> ; <i>Pietrantonio Ricci, PhD, MD</i> ; <i>Isabella Aquila, PhD, MD*</i>

Friday—Session I

Case Studies

Moderator: TBD

Co-Moderator: TBD

8:30 AM – 8:45 AM	F70	The 1921 Tulsa Race Massacre and the Demographics of Death <i>Phoebe Stubblefield, PhD*</i> ; <i>Angela Berg, MA</i> ; <i>Robert Pickering, PhD</i>
8:45 AM – 9:00 AM	F71	A 1966 Unsolved Homicide, Conjecture, and Forensic Inadequacy <i>Tracy Brisendine, BA*</i>
9:00 AM – 9:15 AM	F72	A Case Study: Was This a Homicide or Did The Decedent Get His Wish to Fly High and Be Fed to The Birds? <i>Emily Ditto, BA*</i> ; <i>Brett Bulington*</i> ; <i>Carrie Costello, MS</i>
9:15 AM – 9:30 AM	F73	A Case of Filicide: Combined Homicide by Asphyxiation and Stabbing <i>Andrea Cioffi, MD</i> ; <i>Benedetta Baldari, MD*</i> ; <i>Camilla Cecannecchia, MD</i>
9:30 AM – 9:45 AM	F74	A Successful Multidisciplinary Medicolegal Investigation in the Absence of a Body <i>Kyle Shaw, MBBS</i> ; <i>Krystal Locklear, BAS</i> ; <i>Brett Harding, MBA*</i>
9:45 AM – 10:00 AM	F75	A Case of Death From Pneumonia Due to Medical Malpractice in a Young Man Suffering From Psychiatric Disorders <i>Laura Scotti, MD*</i> ; <i>Giacomo Belli, MD</i> ; <i>Paola Braga, MD</i> ; <i>Matteo Moretti, MD</i> ; <i>Silvia Visonà, PhD</i> ; <i>Luca Morini, PhD</i>
10:00 AM – 10:15 AM	F76	Examining Trends in Juvenile Deaths in Harris County, Texas: A Seven-Year Retrospective Review (2015–2021) <i>Carolyn Berthelot, MS*</i> ; <i>Kaeleigh Demeter, BS, BA*</i> ; <i>Pramod Gumpeni, MD</i>
10:15 AM – 10:30 AM		BREAK

*Presenting Author

GENERAL

At Risk Population

Moderator: TBD

Co-Moderator: TBD

- 10:30 AM – 10:45 AM **F77** **Knowledge, Awareness, and Attitudes Toward Child Abuse and Pediatric Patient Management During the COVID-19 Pandemic Among Students of Medicine and Surgery: A Key to Improving Forensic Medicine Courses**
*Giovanni Aulino, MD**; *Flavia Beccia, MD*; *Michele Rega, MD*; *Chiara Siodambro, MS*; *Stefania Boccia, MD*; *Antonio Lanzone, MD*; *Antonio Oliva, MD, PhD*
- 10:45 AM – 11:00 AM **F78** **The Italian Missing Children Association Realizing Age Progression for Missing Children Organization: The Collaboration With Missing Child Kenya**
*Laura Donato, PhD**; *Rossana Cecchi, MD*; *Maryana Munyendo, BA*; *Alessandro di Luca, MD*; *Francesca Filloramo, MD*
- 11:00 AM – 11:15 AM **F79** **Sexual Violence Among Female Youth Gang Members in Our Communities**
*Cliff Akiyama, MPH, MA**
- 11:15 AM – 11:30 AM **F80** **Are Women Always Right?**
*Linda Corsaletti, MS, MD**; *Chantal Milani, PhD*; *Gianfranco Piscitelli, JD*
- 11:30 AM – 11:45 AM **F81** **The Multidisciplinary Role for the Multiform Issues of Medicolegal Assessment of Physical Abuses in Asylum Seekers**
*Lorenzo Franceschetti, MD**; *Francesca Magli, MA*; *Lidia Maggioni, MD*; *Vera Gloria Merelli, MD*; *Danilo De Angelis, DDS*; *Alessandra Kustermann, MD*; *Cristina Cattaneo, MD, PhD*
- 11:45 AM – 12:00 PM **F82** **The Management of Dead Migrants: Standardization of Data Collected and Centralization of Databases Toward Helping Families Find Their Loved Ones**
*Sherry Fox, PhD**; *Admir Jugo, PhD*
- 12:00 PM – 12:15 PM **F83** **A Novel Surveillance Method for Suspected Drug-Related Deaths**
*Marlon Williams, MPH**; *Andrew Falzon, MD*
- 12:15 PM – 1:30 PM **BREAK**

Bias, Ethics, and Education

Moderator: TBD

Co-Moderator: TBD

- 1:30 PM – 1:45 PM **F84** **The Harassment and Bullying of Forensic Scientists: The Impact of Gender, Organizational Hierarchy, and Civil Servant Status**
*Rana DellaRocco, BS, MS, MPA**; *Ryan Krone, PhD*; *Nancy Wayne, PhD*
- 1:45 PM – 2:00 PM **F85** **Offender Motivation, Victim Vulnerability, and Systemic Bias: Understanding Patterns in Transgender Homicide Victimization Data**
*Robert Eckstein, PsyD**; *Amy Michael, PhD**
- 2:00 PM – 2:15 PM **F86** **An Ounce of Prevention: A Simple and Practical Tool for Mitigating Cognitive Bias in Forensic Decisions**
*Adele Quigley-McBride, PhD**; *Tiffany Roy, MSFS, JD*; *Brandon Garrett, JD*; *Jeff Kukucka, PhD*
- 2:15 PM – 2:30 PM **F87** **Criminology Skills—Between Ethical Questions And Responsibilities**
*Giuseppina Seppini, MS**; *Iolanda Ippolito, MS*

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2:30 PM – 2:45 PM	F88	An Update on Ethics Committee Approval Reporting in Cadaveric-Based Research Publication: A Five-Year Study <i>Mohammad Nasir Ahmad, PhD*; Vina Vaswani, MD, MPhil, PhD</i>
2:45 PM – 3:00 PM	F89	Using the Science Teachers' Assessment Literacy Model as a Framework for Implementing Specifications Grading in a Senior-Level Forensic Laboratory Quality-Assurance and Professional Practices Course <i>Tamra Legron-Rodriguez, PhD*; Christopher Randles, PhD</i>
3:00 PM – 3:15 PM	F90	The National Institute of Justice's Forensic Science Strategic Research Plan <i>Lucas Zarwell, MFS*</i>
3:15 PM – 3:30 PM		BREAK

Crime Scene Response

Moderator: TBD

Co-Moderator: TBD

3:30 PM – 3:45 PM	F91	A Cinematic Death Investigation <i>Ben Murie, DO*; Jan Gorniak, DO</i>
3:45 PM – 4:00 PM	F92	Improving Crime Scene Investigator (CSI) Response: An Early Roadmap for the Increased Quality and Effectiveness of Crime Scene Investigations <i>Joe Trevino, MS*</i>
4:00 PM – 4:15 PM	F93	An Investigation of Best Practices for Fatal and Non-Fatal Bathing-Environment Cases: Guidelines and Tools for Scene Investigators, Law Enforcement, Medical Personnel, Death Investigators, and Jurisprudence <i>Andrea Zaferes, BS*; Robert Bready, MS</i>
4:15 PM – 4:30 PM	F94	Assessing an Innovative Response to Intimate Partner Violence-Related Strangulation <i>Katherine Brown, PhD*; Tara Shelley, PhD; Cortney Franklin, PhD</i>
4:30 PM – 4:45 PM	F95	Forensic Archeology and Crime Scene Management: Challenges and Shortcomings in the Colombian Context <i>Claudia Delgado-Aguacia, MSc*; Santiago Reina-Camacho, MSc</i>
4:45 PM – 5:00 PM	F96	The Rural-Urban Differences in Access to Medicolegal Death Investigation Resources and Services: Findings From the 2018 Census of Medical Examiner and Coroner Offices (CMEC) <i>Kelly Keyes, BS; Hope Smiley-McDonald, PhD*; Paige Presler-Jur, MS; Anum Imran, BS; Jeri Roper-Miller, PhD</i>
5:00 PM – 5:15 PM	F97	The Trends and Demographic Differences in Overdose Deaths Before and During the COVID-19 Pandemic in Jefferson County, Alabama <i>Abby Chapman*; Caitlin Wolford-Clevenger, PhD; Brandi McCleskey, MD</i>

GENERAL

Friday—Session II

Identification I

Moderator: TBD

Co-Moderator: TBD

8:30 AM – 8:45 AM	F98	A Multiagency Investigation of Multiple Murders in the United States With the Trial in Indonesia <i>Lakshmanan Sathyavagiswaran, MD*</i>
8:45 AM – 9:00 AM	F99	Alternate Light Source (ALS) Detection of Subclinical Bruising: Lessons Learned While Assessing a Forensic Technique <i>Leonard Reinart, JD, MS*</i>
9:00 AM – 9:15 AM	F100	Forensic Autopsies: The Contribution of the Systematic Practice of Subcutaneous Dissection for Detecting Contusions or Deep Hematoma Not Visible on External Visual Examination <i>Laetitia Leveque, MD*; Eric Baccino, MD; Martrille Laurent, MD</i>
9:15 AM – 9:30 AM	F101	The Effect of Common Drugs on Human Body Decomposition and the Soil Environment <i>Gabriela Mroz, MSc*; Sophie Turfus, MSc, PhD; Anna Williams, PhD</i>
9:30 AM – 9:45 AM	F102	Traceability of Human Remains From Discovery to Burial: DIVIDOC and DIVIMAP <i>Jose Baraybar, PhD*; Armand Prioreshi; Pierre Francois, PhD</i>
9:45 AM – 10:00 AM	F103	Pesticides and Blow Flies: How Do Clothianidin and Bifenthrin Affect Calliphoridae (Diptera) Oviposition? <i>Teomie Rivera-Miranda, PhD*; Krystal Hans, PhD</i>
10:00 AM – 10:30 AM		BREAK

Identification II

Moderator: TBD

Co-Moderator: TBD

10:30 AM – 10:45 AM	F104	The Influence of the Victim-Offender Relationship on Body Disposal in Solved United Kingdom Homicides <i>Anna Williams, PhD*; Kirsty Bennett, MSc</i>
10:45 AM – 11:00 AM	F105	The Positive Impact of Coordinated Implementation of the Pre-Conception and Pre-Natal Diagnostic Techniques (PC-PNDT) Act in Improving the Skewed Child Sex Ratio in Haryana, India <i>Munish Sharma, MBBS, MD*; Vipin Bhandari, MBBS; Kamiya Chugh, MBBS; Deepak Sharma, MBBS; Girdhari Lal Singhal, PhD</i>
11:00 AM – 11:15 AM	F106	Information Analysis on Disappearance Cases for the Construction of Missing Persons Lists and the Identification of Disposed Places in River Environments: Experiences in La Miel River, Caldas, Colombia <i>Luz Perez, PhD*; Ana Carolina Guatame, MSc; Alexander Sabogal; Camilo Castro, Geographer; Natalia Camacho</i>

GENERAL

11:15 AM – 11:30 AM	F107	Domicile Unknown: Scientific Challenges of Identifying Homeless Decedents <i>Jessica Crowson, MSc*</i>
11:30 AM – 11:45 AM	F108	Decedent Identification: A Look at Forensic Genealogy When All Other Methods Failed <i>David Kintz, BS*</i>
11:45 AM – 12:00 PM	F109	I-Familia: Identifying Missing Persons Globally Through Family DNA Kinship Matching <i>Francois-Xavier Laurent, PhD*</i> ; <i>Susan Hitchin, PhD</i>
12:00 PM – 12:15 PM	F110	Medicolegal Issues in Cremation: A Comparative Analysis of International Legislation and a Proposal of a Unified Operating Methodology <i>Gaetano Di Donna, MD*</i> ; <i>Ludovica Busillo, MD</i> ; <i>Pierpaolo Di Lorenzo, MD</i> ; <i>Claudia Casella, JD</i> ; <i>Mariagrazia Marisei, MD</i> ; <i>Serena Dei Medici, MD</i> ; <i>Emanuele Capasso, MD</i> ; <i>Massimo Niola, MD</i>
12:15 PM – 1:30 PM		BREAK

Firearms

Moderator: TBD

Co-Moderator: TBD

1:30 PM – 1:45 PM	F111	Firearms Deactivation and Deactivation Process Control in Croatia/European Union <i>Damir Tomasek, MS*</i>
1:45 PM – 2:00 PM	F112	The Direct Detection of Invisible Gun Powder Residue on Fabric Surfaces: A Nano Tape and a Biological Microscope Method <i>John Wang, PhD*</i>
2:00 PM – 2:15 PM	F113	A Comparison Between Normal Test Firing and Submerged Test Firing of the Same Firearm and Ammo <i>Ali Shahid Hussain, BME</i>
2:15 PM – 2:30 PM	F114	A Quick Comparison of the Polygonal Rifling Using a 4K Resolution Microscope: A Field Examination Approach <i>John Wang, PhD*</i>
2:30 PM – 2:45 PM	F115	The 3D Correlations in Automated Ballistic Identification Systems Using the Evofinder® Ballistic Identification System <i>Logan Eickhoff, BS*</i>

Poster Session

11:30 AM – 1:00 PM	F116	The Attitudes of Infertile Italian Women Regarding Ethical and Regulatory Limits of Medically Assisted Procreation (MAP) <i>Andrea Cioffi, MD</i> ; <i>Camilla Cecannecchia, MD*</i>
11:30 AM – 1:00 PM	F117	The Role of Forensic Medicine in Addressing War Crimes: A Perspective From the Russia-Ukraine Conflict During the COVID-19 Pandemic <i>Andrea Cioffi, MD</i> ; <i>Camilla Cecannecchia, MD*</i>
11:30 AM – 1:00 PM	F118	A Wake-Up Call on the Deceptive Nature of Sodium Nitrite Suicides: A Case Series <i>Alice Chiara Manetti, MD*</i> ; <i>Valentina Bugelli, MD, PhD*</i> ; <i>Ilaria Marcacci, MD*</i> ; <i>Carla Occhipinti, MD</i> ; <i>Naomi Iacoponi, MD</i> ; <i>Ilaria Tarozzi, MD</i> ; <i>Fabio Stefanelli, PhD</i> ; <i>Silvio Chericoni, PhD</i>

*Presenting Author

GENERAL

- 11:30 AM – 1:00 PM **F119** **Surveillance Fails: Suicides in Jails**
*Giovanni Pollice, MD**; *Diego Moro, MD**; *Raffaele La Russa, MD*;
Michele Ahmed Antonio Karaboue, MLL; *Valentina Milone, MD*;
*Benedetta Baldari, MD**; *Simona Vittorio, MS**
- 11:30 AM – 1:00 PM **F120** **Exploring Potential Factors That Can Impact Students' Professional Identity in Forensic Science**
*Abigail Castillo, BS**; *Cameron Bechard, BS*; *Tamra Legron-Rodriguez, PhD*;
Nicole Lapeyrouse, DPhil
- 11:30 AM – 1:00 PM **F121** **The Use of Barr Bodies to Determine Sex in Samples of Forensic Significance**
*Julianna Jimenez, BS**; *Kimberlee Moran, MSc*; *Marianne Hamel, MD, PhD*
- 11:30 AM – 1:00 PM **F122** **The Effects of Sleep Deprivation and Fatigue on Crime Scene Examination**
*Kimberlee Moran, MSc**; *Skylar Gohn, MSFS**; *Andrea Spaeth, PhD*
- 11:30 AM – 1:00 PM **F123** **Group Sexual Violence: The Experience of Careggi Hospital in Florence (2010–2021)**
*Chiara Siodambro, MS**; *Amalia Rizzo, MS*; *Marco Occari, MS*; *Francesca Pampaloni, MD*;
Paola D'Onofrio, MD; *Edoardo Orlandi, MLL*; *Martina Focardi, MS*; *Vilma Pinchi, MS*
- 11:30 AM – 1:00 PM **F124** **Forensic Aspects in Death and Injuries Due to Elderly Neglect: Interpretative Criteria in the Acknowledgment of Elderly Maltreatment**
*Angelica Zibetti, MD**; *Umberto Rosini, MD*; *Matteo Sacco, MD**; *Martino Maesani, MD*;
Carmen Scalise, PhD, MD; *Fabrizio Cordasco, MD*; *Maria Manno, MD*; *Saverio Gualtieri MD**;
Pietrantonio Ricci, PhD, MD; *Isabella Aquila, PhD, MD**
- 11:30 AM – 1:00 PM **F125** **The Chemical Analysis of Sexual Lubricant Residue: A Comparison of Swabs Used to Perform Medical Examinations Analyzed by Spectroscopic Techniques**
*Safiya Best, PhD**; *Candice Bridge, PhD*; *Santana Thomas, PhD*
- 11:30 AM – 1:00 PM **F126** **The Ahoms—The Lost Dynasty of Northeast India: Reconstructing Ancestry Through Palaeogenomics Approaches**
*Sachin Kumar, MTech**; *Niraj Rai, PhD*
- 11:30 AM – 1:00 PM **F127** **Proteomics Profiling From Skeletal Remains for Forensic Time-Since-Death Estimations: A Systematic Review and Future Probabilities**
Jagmahender Sehrawat, PhD; *Mohammad Nasir Ahmad, PhD**
- 11:30 AM – 1:00 PM **F128** **Self-Amputation in Complex Suicides: A Comparison of Two Cases**
*Elizabeth Higginson, MD, PhD**; *Catherine Perez, MD*; *Eleftherios Vouyoukas, MD*;
Jeffrey Jentzen, MD, PhD; *Allecia Wilson, MD*
- 11:30 AM – 1:00 PM **F129** **“Long Covid” Injury in Health Care Workers: The Biological Damage and Indemnity Compensation**
*Claudia Pitrone, MD**; *Elena Forzese, MD**; *Giorgia Burrascano, MD*; *Chiara Stassi, MD*;
Gennaro Baldino, MD; *Cristina Mondello, MD*; *Elvira Ventura Spagnolo, MD*;
Alessio Asmundo, MD; *Daniela Sapienza, MD*
- 11:30 AM – 1:00 PM **F130** **The Role of Fauna at the Crime Scene: A Risk of Contamination or a Possible Aid in Reconstruction?**
*Alessandro Tarallo, MD**; *Matteo Sacco, MD**; *Valerio Aquila, MD**; *Giulio Pulpito, MD**;
*Saverio Gualtieri, MD**; *Vincenzo Ritorto, MD**; *Carmen Scalise, PhD, MD*;
Fabrizio Cordasco, MD; *Umberto Rosini MD*; *Maria Manno, MD*; *Roberto Raffaele, BE**;
Martino Maesani, MD; *Pietrantonio Ricci, PhD, MD*; *Isabella Aquila, PhD, MD**

GENERAL

- 11:30 AM – 1:00 PM **F131** **Current Status and Future Steps of Forensic Science in the Republic of The Gambia**
*Peter Dampha, BS**
- 11:30 AM – 1:00 PM **F132** **The Contribution of Forensic Botany in Solving Cases of Traumatic Deaths With Dubious Dynamics**
Umberto Rosini, MD; Angelica Zibetti, MD; Maria Manno, MD; Martino Maesani, MD; Carmen Scalise, PhD, MD; Fabrizio Cordasco, MD; Matteo Sacco, MD*; Saverio Gualtieri, MD*; Vincenzo Ritorto, MD*; Alessandro Tarallo, MD*; Giulio Pulpito, MD; Santo Grattero, PhD, MD; Pietrantonio Ricci, PhD, MD; Isabella Aquila, PhD, MD**
- 11:30 AM – 1:00 PM **F133** **Comparative Detection of Organic Peroxides Used in Improvised Explosive Devices Using Electrospray Ionization-Tandem Mass Spectrometry (ESI-MS/MS) and Liquid Chromatography/Triple Quadrupole/Mass Spectrometry (LC/QqQ/MS)**
*Kayla Massari, BS, MA**
- 11:30 AM – 1:00 PM **F134** **Death From Heat: A Case Report and Literature Review of Fatal Heat Stroke**
Andrea Cioffi, MD; Camilla Cecannecchia, MD; Benedetta Baldari, MD*
- 11:30 AM – 1:00 PM **F135** **Humanitarian Forensics in the Era of Conflicts and Pandemic**
Shubham Thakur, MSc; Jagmahender Sehwat, PhD*
- 11:30 AM – 1:00 PM **F136** **The DNA Analysis of the Human Tissue Leaching From Different Soil Depths**
Jenna Hamilton, BA; Pamela Marshall, PhD*