

NAME 58th Annual Meeting
Hyatt Regency Denver at Colorado Convention Center – Denver, Colorado
September 19 – 23, 2024

WEDNESDAY, SEPTEMBER 18, 2024

COMMITTEE MEETING [NOT CME]:

8:00 AM – 5:00 PM Executive Committee Meeting (Invitation Only)
6:00 PM – 9:00 PM Executive Committee Dinner (Invitation Only)

THURSDAY, SEPTEMBER 19, 2024

GENERAL INFORMATION [NOT CME]:

10:00 AM – 4:00 PM Pre-Registration (Exhibitors & Attendees)
1:00 PM – 4:00 PM Installation of Exhibits
5:00 PM – 6:00 PM International Attendee Reception
6:00 PM – 8:00 PM Grand Opening of Exhibits
Welcome Reception and Dinner (Registrants and Ticket Holders Only)
8:00 PM – 10:00 PM Dance Party with 2nd House Band featuring Donna Hensley

COMMITTEE MEETINGS [NOT CME]:

7:00 AM – 8:00 AM NAME Foundation Board of Trustees Meeting
8:00 AM – 12:00 PM Board of Directors Meeting
12:30 PM – 4:30 PM Strategic Planning Committee Meeting
3:00 PM – 5:00 PM Ad Hoc Organ and Tissue Donation Committee Meeting
4:30 PM – 5:00 PM NAME Foundation Business Meeting
4:30 PM – 5:30 PM Educational Activities Committee Meeting
4:30 PM – 5:30 PM Medicolegal Death Investigation Committee Meeting

FRIDAY, SEPTEMBER 20, 2024

Indicates the following:

*John Smialek Best Resident/Fellow Platform/Poster Competition
**Mary Fran Ernst Best Affiliate Platform/Poster Competition
***Susan P. Baker Public Health Impact Award
**** John Pless Best Student Platform/Poster Competition
#Edward J. Barbieri Forensic Toxicology Award
##Sudden Unexplained Death in Childhood (SUDC) Foundation Award

GENERAL INFORMATION:

6:45 AM – 8:00 AM Buffet Breakfast (Registrants and Ticket Holders Only) [NOT CME]
7:00 AM – 5:00 PM Registration [NOT CME]
7:00 AM – 8:00 AM Navigating Governmental Affairs and Advocacy – Breakfast Briefing (Optional) [NOT CME]
Additional Payment Required
8:00 AM – 3:30 PM Exhibits [NOT CME]
8:00 AM – 5:00 PM Posters
5:15 PM – 6:45 PM Resident/Fellow Reception and Fellowship Fair [NOT CME]
8:00 PM – 10:00 PM NAME Foundation Thomas Noguchi, MD Lecture: Medical Challenges in Human Spaceflight [CME PENDING]

COMMITTEE MEETINGS [NOT CME]:

7:00 AM – 8:00 AM Ethics Committee Meeting
7:00 AM – 8:00 AM Membership and Credentials Committee Meeting
12:00 PM – 1:30 PM Past President's Committee Meeting and Lunch
12:00 PM – 1:30 PM Journal Editorial Board Meeting

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PROGRAM INFORMATION:

- 8:00 AM – 8:15 AM** **Welcome and Introduction [NOT CME]**
- 8:15 AM – 10:05 AM** **SESSION 1: JOHN SMIALEK BEST RESIDENT/FELLOW AWARDS**
Moderators:
- 8:15 AM – 8:30 AM 1.1 Delineating Fat Embolism Syndrome from Nonlethal Fat Embolism at Autopsy
Lo Tamburro, MD, University of Maryland School of Medicine, Baltimore, Maryland, United States of America
- 8:30 AM – 8:45 AM 1.2 A Pediatric Series of Sudden Death and Congenital Coronary Artery Anomalies
Jessica Schmitt, MD, University of Utah, Salt Lake City, Utah, United States of America and ARUP Laboratories, Salt Lake City, Utah, United States of America
- 8:45 AM – 9:00 AM 1.3 Subway and Other Train System-Related Electrocuting Deaths in New York City
Hae-Sun La, MD, New York City Office of Chief Medical Examiner, New York, New York, United States of America
- 9:00 AM – 9:15 AM 1.4 Increased Pulmonary Embolism Deaths Among Southwestern United States Truck Drivers During the COVID-19 Era
Yonatan Carl, MD, University of New Mexico, Albuquerque, New Mexico, United States of America and New Mexico Office of the Medical Investigator, Albuquerque, New Mexico, United States of America
- 9:15 AM – 9:30 AM 1.5 Intrauterine and Neonatal Deaths: A 10-Year Review of Referred Cases in Cuyahoga County, OH
Zachary Alan Wilkinson, MD, Cleveland Clinic Foundation, Cleveland, Ohio, United States of America
- 9:30 AM – 9:45 AM 1.6 Correlation of Corpora Amylacea Deposition in Patients with Reported Seizures: A Prospective study
Keenen Smith, MD, Cook County Medical Examiner's Office, Chicago, Illinois, United States of America
- 9:45 AM – 10:00 AM 1.7 Hidden Trauma: An Analysis of the Identification of Contusions on Different Skin Tones
Lydia R. Du, MD, Allegheny Health Network, Pittsburgh, Pennsylvania, United States of America
- 10:00 AM – 10:05 AM Questions
- 10:05 AM – 10:30 AM VISIT EXHIBITS [NOT CME]
- 10:05 AM – 10:30 AM BREAK [NOT CME]
- 10:05 AM – 10:30 AM VISIT POSTERS
- 10:30 AM – 12:05 PM** **SESSION 2: JOHN SMIALEK BEST RESIDENT FELLOW AND EDWARD J. BARBIERI FORENSIC TOXICOLOGY AWARDS**
Moderators:
- 10:30 AM – 10:45 AM 2.1 Retinoschisis and Perimacular Retinal Fold Associated with Nontraumatic Hypoxic-Ischemic Brain Injury
Mehrnoosh Ghandili, MD, Wake Forest University School of Medicine, Winston Salem, North Carolina, United States of America
- 10:45 AM – 11:00 AM 2.2 True or False: The Curious Case of the Foraged Mushrooms
Kaileigh M. Bingham Abujasen, MD, University of Utah, Salt Lake City, Utah, United States of America and ARUP Laboratories, Salt Lake City, Utah, United States of America

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- 11:00 AM – 11:15 AM 2.3 Assessing Trends in Drug Positivity in Traffic-Related Fatalities in Connecticut
Amanda L.A. Mohr, MS, CFSRE, Horsham, Pennsylvania, United States of America
- 11:15 AM – 11:30 AM 2.4 Understanding the Current State of Synthetic Cannabinoids: Newly Emerging Drugs, Changing Drug Market Trends, and Implications on Jail Deaths
Alex J. Krotulski, PhD, Center for Forensic Science Research and Education, Horsham, Pennsylvania, United States of America
- 11:30 AM – 11:45 AM 2.5 From Leaf to Lethality: Investigating Kratom-Associated Deaths
Justin Brower, PhD, F-ABFT, NMS Labs, Horsham, Pennsylvania, United States of America
- 11:45 AM – 12:00 PM 2.6 Case Series: Hepatic and Splenic Titanium Dioxide Deposition in Association with Intravenous Drug Use
Griffin C. Phenegar, BS, University of Wisconsin Hospitals and Clinics, Madison, Wisconsin, United States of America
- 12:00 PM – 12:05 PM Questions
- 12:05 PM – 1:30 PM LUNCH (ON YOUR OWN) [NOT CME]
- 12:05 PM – 1:30 PM POSTER SESSION P1 – P48 [AUTHORS AT POSTERS 12:30PM – 1:30PM]
- 1:30 PM – 3:05 PM **SESSION 3 (PART 1): JOHN PLESS BEST STUDENT AWARDS, SUDDEN UNEXPLAINED DEATH IN CHILDHOOD (SUDC) FOUNDATION AWARDS, AND SUSAN P. BAKER PUBLIC HEALTH IMPACT AWARDS**
Moderators:
- 1:30 PM – 1:45 PM 3.1 An Accidental Death Due to Ingestion of Isobutyl Nitrite
Hannah P. McQueen, BS, MUSM, MUSC, Charleston, South Carolina, United States of America
- 1:45 PM – 2:00 PM 3.2 Preventing Fentanyl-Related Overdoses with Naloxone: Insights from a Medical Examiner's Office
Gabriel Alexander, Gilman School, Baltimore, Maryland, United States of America
- 2:00 PM – 2:15 PM 3.3 Postmortem Indicators of Venous Thromboembolism: Elevated D-Dimer and Ferritin
Mohamed Said, BSE, Pathology Division, Toxicology Department, Western Michigan University Homer Stryker MD School of Medicine, Kalamazoo, Michigan, United States of America
- 2:15 PM – 2:30 PM 3.4 Our Growing Understanding of SUDC: The First 10 Years of the SUDCRRC
Laura A. Gould, MSc, NYU Grossman School of Medicine, New York, New York, United States of America
- 2:30 PM – 2:45 PM 3.5 Analysis of First and Second Sleep Environments in Infant Deaths Based on Scene Re-Enactment Data
Gregory A. Vincent, MD, State of Connecticut Office of the Chief Medical Examiner, Farmington, Connecticut, United States of America
- 2:45 PM – 3:00 PM 3.6 Investigating Neuropeptide S-Positive Neurons in Brains of Unexpected Infant Deaths
Lorenzo Gitto, MD, Cook County Medical Examiner's Office, Chicago, Illinois, United States of America
- 3:00 PM – 3:05 PM Questions
- 3:05 PM – 3:30 PM VISIT EXHIBITS [NOT CME]
- 3:05 PM – 3:30 PM BREAK [NOT CME]

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- 3:05 PM – 3:30 PM VISIT POSTERS
- 3:30 PM – 4:50 PM SESSION 3 (PART 2): JOHN PLESS BEST STUDENT AWARDS, SUDDEN UNEXPLAINED DEATH IN CHILDHOOD (SUDC) FOUNDATION AWARDS, AND SUSAN P. BAKER PUBLIC HEALTH IMPACT AWARDS**
- 3:30 PM – 3:45 PM 3.7 Pediatric Fatality Trends in Pierce County WA: Utilizing Data to Guide Prevention Strategies
Nicole K. Johnson, DO, MS, Pierce County Medical Examiner's Office, Tacoma, Washington, United States of America
- 3:45 PM – 4:00 PM 3.8 Expanding Access to Molecular Autopsy through the Military Health System
Emma M. Schopp, ScM, LCGC, Military Cardiovascular Outcomes Research, Department of Medicine, Uniformed Services University of the Health Sciences, Bethesda, Maryland, United States of America and The Metis Foundation, Bethesda, Maryland, United States of America
- 4:00 PM – 4:15 PM 3.9 Improving Trainee Perspective toward Death Certificate Completion: A Resident-Led Death Certificate Education Initiative
Eleanor Dyer, MD, Emory University School of Medicine, Department of Pathology, Atlanta, GA, United States of America
- 4:15 PM – 4:30 PM 3.10 Forensic Pathologists and Clinical Trauma Reviews: Performance Improvement, Public Health, and a High-yield "Quick Reference" Autopsy Documentation Guide for Medical Examiners and Coroners
Deland Weyrauch, MD, Montana State Medical Examiner's Office, Billings, MT, United States of America
- 4:30 PM – 4:45 PM 3.11 Recent Rise of *Streptococcus pyogenes* Group A-Related Deaths in Cook County: Case Series and Implementation of Postmortem Testing
Samantha A. Stephen, DO, Cook County Medical Examiner's Office, Chicago, Illinois, United States of America
- 4:45 PM – 4:50 PM Questions

SATURDAY, SEPTEMBER 21, 2024

- 6:00 AM – 8:00 AM Rigor Run/Walk (Optional) [NOT CME]
Sponsored by The Denton Family
Additional Payment Required
- 6:45 AM – 8:00 AM Buffet Breakfast (Registrants and Ticket Holders Only) [NOT CME]
- 7:00 AM – 5:00 PM Registration [NOT CME]
- 8:00 AM – 3:30 PM Exhibits [NOT CME]
- 8:00 AM – 5:00 PM Posters
- 11:00 AM – 5:00 PM 29th Annual Randy Hanzlick Memorial Cadaver Open Golf Tournament (Optional) [NOT CME]
Sponsored by Artivion, Inc.
Additional Payment Required
- 6:00 PM – 8:00 PM Bring Your Own Slides/Stories (Optional) [NOT CME]
RSVP Required

COMMITTEE MEETING [NOT CME]:

- 5:30 PM – 8:00 PM Inspection and Accreditation Committee Meeting and Inspector Training Workshop
RSVP Required

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PROGRAM INFORMATION:

8:00 AM – 10:05 AM SESSION 4: SUSAN P. BAKER PUBLIC HEALTH IMPACT AWARDS AND MARY FRAN ERNST BEST AFFILIATE AWARDS

Moderators:

- 8:00 AM – 8:15 AM 4.1 Mortality Statistics from the National Vital Statistics System
Margaret Warner, PhD, CDC, Hyattsville, Maryland, United States of America
- 8:15 AM – 8:30 AM 4.2 An Unusual Death from Penetrating Cranial Trauma: The Importance of Investigating the Primary Scene of Injury
Kelli Oxborrow, BS, Washoe County Regional Medical Examiner's Office, Reno, Nevada, United States of America
- 8:30 AM – 8:45 AM 4.3 Naming the Nameless: The Implementation of the Bureau of Justice Assistance (BJA) Missing and Unidentified Human Remains (MUHR) Program
Jason P. Crawford, MS, BS, DeKalb County Medical Examiner's Office, Atlanta, Georgia, United States of America
- 8:45 AM – 9:00 AM 4.4 Update on The American Journal of Forensic Medicine and Pathology: the Official Journal of the National Association of Medical Examiners
Kimberley Molina, MD, American Journal of Forensic Medicine and Pathology, San Antonio, Texas, United States of America
- 9:00 AM – 9:15 AM 4.5 Small Unmanned Aircraft Systems (sUAS): The Implementation of Drones in Medicolegal Death Scene Investigations
Philip Miller, BS, F-ABMDI, Oklahoma Office of the Chief Medical Examiner, Tulsa, Oklahoma, United States of America and Angela Berg, MA, Oklahoma Office of the Chief Medical Examiner, Tulsa, Oklahoma, United States of America
- 9:15 AM – 9:30 AM 4.6 Unearthing the Past: A Review of Autopsy Reports and Photographic Archives for Enriching Pathology Education
Jonathan K. Lai, MD, MSc, McGill University, Montreal, Quebec, Canada
- 9:30 AM – 10:00 AM 4.7 Communication With the Next of Kin During Medicolegal Death Investigations: A Literature Review and Outline of Communication Liaisons
Emily Emilov, Master of Science in Forensic Medicine, Sarasota Memorial Health Care System, Sarasota, Florida, United States of America
- 10:00 AM – 10:05 AM Questions
- 10:05 AM – 10:30 AM VISIT EXHIBITS [NOT CME]
- 10:05 AM – 10:30 AM BREAK [NOT CME]
- 10:05 AM – 10:30 AM VISIT POSTERS
- 10:30 AM – 12:05 PM SESSION 5: UPDATES FOR US**
- Moderators:**
- 10:30 AM – 11:00 AM 5.1 Going the Extra Mile in Transportation Accident Investigations
Daniel Morgan, MFS, National Transportation Safety Board, Washington, DC, United States of America
- 11:00 AM – 11:15 AM 5.2 An Update to a Drowning Death Scene Investigation Pilot Project
Gabrielle Fraley, MPH, National Center for Fatality Review & Prevention, Okemos, Michigan, United States of America and Susanna Joy, MA, National Center for Fatality Review & Prevention, Okemos, Michigan, United States of America

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- 11:15 AM – 11:30 AM 5.3 New Autopsy Guidelines for Myocarditis: Practical Considerations and Implications for The Forensic Pathologist
Stanley J. Radio, MD, University of Nebraska Medical Center, Omaha, Nebraska, United States of America
- 11:30 AM – 12:00 PM 5.4 Autopsy of the Pregnant Woman: An Overview of the Intersection of Women's Health and Forensic Pathology
Marianne Hamel, MD, PhD, Jersey Shore Forensics, Bethlehem, Pennsylvania, United States of America
- 12:00 PM – 12:05 PM Questions
- 12:05 PM – 1:30 PM LUNCH (ON YOUR OWN) [NOT CME]
- 12:05 PM – 1:30 PM POSTER SESSION P49 – P96 [AUTHORS AT POSTERS 12:30PM – 1:30PM]
- 1:30 PM – 3:05 PM** **SESSION 6: PEDIATRICS**
Moderators:
- 1:30 PM – 1:45 PM 6.1 A Standardized Approach to Autopsy in Sudden Unexplained Death in Childhood (SUDC): A Review of 186 Cases
Leah Geiser Roberts, DO, NYU Grossman School of Medicine, New York, New York, United States of America and SUDCRRRC, New York, New York, United States of America
- 1:45 PM – 2:00 PM 6.2 A Paradigm Shift in the Interpretation of Posterior Rib Fractures in Children?
Judith Fronczek, Victorian Institute of Forensic Medicine, Melbourne, Victoria, Australia
- 2:00 PM – 2:15 PM 6.3 SUID and SDY Case Registry: Diagnostic Genetic Testing
Heather M. MacLeod, MS, Data Coordinating Center for the SUID and SDY Case Registry, Okemos, Michigan, United States of America
- 2:15 PM – 2:30 PM 6.4 An 8-Year-Old With... Wait...What? Acute Aortic Dissection and Review of the Literature
Karen L. Kelly, MD, Brody School of Medicine East Carolina University, Greenville, North Carolina, United States of America
- 2:30 PM – 3:00 PM 6.5 Scientific Update: Sudden Unexplained Deaths in Infants and Children and Upcoming Changes to ICD-11
Richard D. Goldstein, MD, Robert's Program on Sudden Unexpected Death in Pediatrics, Boston Children's Hospital, Boston, Massachusetts, United States of America and Harvard Medical School, Boston, Massachusetts, United States of America
- 3:00 PM – 3:05 PM Questions
- 3:05 PM – 3:30 PM VISIT EXHIBITS [NOT CME]
- 3:05 PM – 3:30 PM BREAK [NOT CME]
- 3:05 PM – 3:30 PM VISIT POSTERS
- 3:30 PM – 5:05 PM** **SESSION 7: OPINIONS AND CONTROVERSIES**
- 3:30 PM – 3:45 PM 7.1 Types of Cognitive Bias and a Discussion of Forensic "Error"
Paul S. Uribe, MD, Fort Bend County Medical Examiner Office, Rosenberg, Texas, United States of America

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3:45 PM – 4:00 PM	7.2 Maternal Mortality and Bias in Medicine: A Tale of Two Mothers <i>Jan M. Gorniak, DO, MHSA, World Peace Forensic Consulting, LLC, Tallahassee, Florida, United States of America</i>
4:00 PM – 4:15 PM	7.3 Comparison of Forensic Pathology Board Exam Content to Forensic Pathology Practice <i>Amy E.T. Theriault, DO, University of Alabama at Birmingham, Birmingham, Alabama, United States of America</i>
4:15 PM – 4:30 PM	7.4 Oh My, How Did They Die? A Prosecutorial Conundrum <i>Alfredo Eugene Walker, FRCPath, DMJ (Path), MBBS, Department of Pathology and Laboratory Medicine, Faculty of Medicine, University of Ottawa, Ontario, Canada</i>
4:30 PM – 5:00 PM	7.5 The Case for Metabolic Acidosis as the Cause of Death in Arrest-related Deaths <i>Victor W. Weedn, MD, JD, University of Maryland Baltimore; George Washington University, McLean, Virginia, United States of America and Pete Speth, MD, Forensic Consultations, Wenonah, New Jersey, United States of America</i>
5:00 PM – 5:05 PM	Questions

SUNDAY, SEPTEMBER 22, 2024

GENERAL INFORMATION:

6:45 AM – 8:00 AM	Buffet Breakfast (Registrants and Ticket Holders Only) [NOT CME]
8:00 AM – 4:00 PM	Exhibits [NOT CME]
7:00 AM – 5:00 PM	Registration [NOT CME]
8:00 AM – 5:00 PM	Posters
12:30 PM – 1:30 PM	Voices: Amplify, Elevate, Celebrate Luncheon (Optional) <i>Sponsored by our Platinum Level Corporate Partner, Forensic Pathology Staffing</i> <i>*Additional Payment Required*</i>
6:30 PM – 8:30 PM	Board of Directors Reception (Invitation Only) [NOT CME]

COMMITTEE MEETING [NOT CME]:

6:30 AM – 8:00 AM	NAME Scientific Presentations Awards Committee Meeting
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PROGRAM INFORMATION:

7:00 AM – 8:00 AM	OPTIONAL WORKSHOP: LEARN TO LEAD DURING EVOLVING TIMES FROM FORENSIC PATHOLOGY LEADERS Moderator: Michelle Aurelius, MD, NC Office of the Chief Medical Examiner, Raleigh, North Carolina, United States of America
8:00 AM – 9:50 AM	NAME Business Meeting [NOT CME]
9:50 AM – 10:20 AM	VISIT EXHIBITS [NOT CME]
9:50 AM – 10:20 AM	BREAK [NOT CME]
9:50 AM – 10:20 AM	VISIT POSTERS
10:20 AM – 12:00 PM	NAME Business Meeting [NOT CME]
12:00 PM – 1:30 PM	LUNCH (ON YOUR OWN) [NOT CME]
12:00 PM – 1:30 PM	POSTER SESSION P97 – P144 [AUTHORS AT POSTERS 12:30PM – 1:30PM]

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1:30 PM – 3:35 PM

SESSION 8: TRAUMA

Moderators:

1:30 PM – 1:45 PM

8.1 What the Water Gave Me: Death (and Life) at Niagara Falls
Tara J. Mahar, MD, Erie County Medical Examiner's Office, Buffalo, New York, United States of America

1:45 PM – 2:00 PM

8.2 Necroidentification In A Volcano Eruption Mass Disaster
Luis Fernando Herrera, National Institute of Forensic Science -INACIF-, Guatemala

2:00 PM – 2:15 PM

8.3 Beneath the Surface: Uncovering the Truth of Human Remains in Concrete: The Approach, Challenges, and Lessons Learned
Michelle B. Aurelius, MD, Office of the Chief Medical Examiner, Raleigh, North Carolina, United States of America, Tracy Yorkdale, BS, Office of the Chief Medical Examiner, Raleigh, North Carolina, United States of America and Kimberly Janssen, MD, Office of the Chief Medical Examiner, Raleigh, North Carolina, United States of America

2:15 PM – 2:30 PM

8.4 Death Caused by Wild Animals: *Ex Africa Semper Aliquid Novi* (Out of Africa There Is Always Something New)
Gert Saayman, MMed(MedForens) FCFORPath(SA), Dept of Forensic Medicine, University of Pretoria, Pretoria, Gauteng Province, South Africa

2:30 PM – 2:45 PM

8.5 Unique Blunt Force Injury Sustained During Law Enforcement Pursuit and Subdual
Colleen Klein, MD, Maricopa County Office of the Medical Examiner, Phoenix, Arizona, United States of America

2:45 PM – 3:00 PM

8.6 Characteristics of Fatal Helicopter Crashes in New York City and Houston, Texas
Gregory Dickinson, MD, New York City Office Of Chief Medical Examiner, New York City, New York, United States of America

3:00 PM – 3:15 PM

8.7 Sharply Upward or Downward Trajectories of Gunshot Wounds Involving the Head and Neck
Joseph A. Prahlow, MD, Office of the Medical Examiner - City of St. Louis, St. Louis, Missouri, United States of America and St. Louis University School of Medicine, St. Louis, Missouri, United States of America

3:15 PM – 3:30 PM

8.8 An Analysis of Gun Location Following Injury from Suicidal Gunshot Wounds
Alyssa M Lee, MD, MS, Department of Pathology, Heersink School of Medicine, University of Alabama at Birmingham, Birmingham, Alabama, United States of America

3:30 PM – 3:35 PM

Questions

3:35 PM – 4:00 PM

VISIT EXHIBITS [NOT CME]

3:35 PM – 4:00 PM

BREAK [NOT CME]

3:35 PM – 4:00 PM

VISIT POSTERS

4:00 PM – 6:05 PM

SESSION 9: TECHNOLOGY

Moderators:

4:00 PM – 4:15 PM

9.1 Molecular Genetic Testing In Medicolegal Death Investigation: A Survey of Where We Stand
Jenna L. Aungst, OMS-II, Lincoln Memorial University-DeBusk College of Osteopathic Medicine, Knoxville, Tennessee, United States of America and Georgia State University, Atlanta, Georgia, United States of America

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- 4:15 PM – 4:30 PM 9.2 From Dicom to Mesh to 3D Physical Model in a Forensic Setting
Paul P.S. Chui, DMJ, FRCPATH, Health Sciences Authority, Singapore
- 4:30 PM – 4:45 PM 9.3 Leveraging Artificial Intelligence and Augmented Reality to Enhance Autopsy Workflows in Forensic Pathology
Maneesha Pandey, MD, The Forensic Pathologists LLC, Holland, Ohio, United States of America and Forensic Medical, Kansas City, Kansas, United States of America and Mihir P Joshi, Student, The Forensic Pathologists LLC, Holland, Ohio, United States of America and Dept of Biomedical Engineering, The Ohio State University, Columbus, Ohio, United States of America
- 4:45 PM – 5:00 PM 9.4 Utilizing Image Viewer Software, Digital Asset Management Software, and File Share Services for Autopsy Photographs at the District 1 Medical Examiner's Office in Florida
Kelly Germaine Root, BFA, District 1 Medical Examiner's Office, Pensacola, Florida, United States of America
- 5:00 PM – 6:00 PM 9.5 Design and Implementation of a Proprietary Case Management System at the Palm Beach County Medical Examiner's Office
Catherine R. Miller, MD, Palm Beach County Medical Examiner's Office, West Palm Beach, Florida, United States of America, Michael D. Bell, MD, Palm Beach County Medical Examiner's Office, West Palm Beach, Florida, United States of America, Syed Gilani, Palm Beach County Information Systems Services, West Palm Beach, Florida, United States of America, William Zhang, Palm Beach County Information Systems Services, West Palm Beach, Florida, United States of America, Heron Ruiz, Palm Beach County Medical Examiner's Office, West Palm Beach, Florida, United States of America, Ralph Saccone, Palm Beach County Medical Examiner's Office, West Palm Beach, Florida, United States of America and Benjamin Perez, Palm Beach County Information Systems Services, West Palm Beach, Florida, United States of America
- 6:00 PM – 6:05 PM Questions

MONDAY, SEPTEMBER 23, 2024

GENERAL INFORMATION:

- 6:45 AM – 8:00 AM Buffet Breakfast (Registrants and Ticket Holders Only) [NOT CME]
7:00 AM – 12:00 PM Registration [NOT CME]
7:00 AM – 8:00 AM The Business of Forensic Pathology Breakfast (Optional)
Additional Payment Required

PROGRAM INFORMATION:

8:00 AM – 10:05 AM SESSION 10: UPDATES FROM US
Moderators:

- 8:00 AM – 8:30 AM 10.1 It Is Time To Rethink How We Train Forensic Pathologists?
John C. Walsh, MD, USUHS, Bethesda, Maryland, United States of America, Nicolas Kostelecky, MD, Northwestern Memorial Hospital, Chicago, Illinois, United States of America, Lorenzo Gitto, MD, Cook County Medical Examiner, Chicago, Illinois, United States of America, Theodore T. Brown, MD, Arkansas State Crime Laboratory, Little Rock, Arkansas, United States of America, Paul Uribe, MD, Fort Bend County Medical Examiner Office, Rosenberg, Texas, United States of America and Brandi McCleskey, MD, Heersink School of Medicine, University of Alabama, Birmingham, Alabama, United States of America

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- 8:30 AM – 8:45 AM 10.2 Patient Safety Beyond the Grave: Improving Accuracy in Death Certificates
Alexandra Medeiros, MD, Medical College of Georgia at Augusta University, Augusta, Georgia, United States of America
- 8:45 AM – 9:00 AM 10.3 Updating the Measure of Workload to Include Complexity
Erik L. Handberg, MD, Fort Bend County Medical Examiner, Rosenberg, Texas, United States of America
- 9:00 AM – 9:15 AM 10.4 Modernizing Medical Examiner Data Systems: The Power of FHIR
Gail L. Parker, BS, DeKalb County Medical Examiner's Office, Decatur, Georgia, United States of America and Forensic Medicine Associates, Inc., Decatur, Georgia, United States of America
- 9:15 AM – 9:30 AM 10.5 A Skeleton at Every Autopsy: The Professionalism of Forensic Anthropology
Melinda L. Carter, MD, PhD, Edward Via College of Osteopathic Medicine, Auburn, Alabama, United States of America
- 9:30 AM – 9:45 AM 10.6 Forensic Pathology: its Public Role and the Media
Carl J. Schmidt, MD, MPH, University of Michigan, Ann Arbor, Michigan, United States of America
- 9:45 AM – 10:00 AM 10.7 Update on the Consortium of Forensic Science Organizations (CFSO)
James R Gill, MD, OCME, Farmington, Connecticut, United States of America and Beth Lavach, ELS & Associates, Clifton, Virginia, United States of America
- 10:00 AM – 10:05 AM Questions
- 10:05 AM – 10:30 AM BREAK [NOT CME]
- 10:30 AM – 11:50 AM** **SESSION 11: IMPROVING**
Moderators:
- 10:30 AM – 10:45 AM 11.1 Difficult Situations with Attorneys and Their Management
Gerald T. Gowitt, MD, DeKalb County Medical Examiner's Office, Decatur, Georgia, United States of America and Forensic Medicine Associates, Inc., Decatur, Georgia, United States of America
- 10:45 AM – 11:00 AM 11.2 Health and Wellness: A Study Assessing Stress using Physiological and Self-reported Data Among Medicolegal Death Investigators
Kelly Keyes, RTI International, Research Triangle Park, North Carolina, United States of America
- 11:00 AM – 11:15 AM 11.3 Challenges To Recruitment And Retention Of Black Forensic Pathologists
Ken Obenson, MD, Dalhousie Univerity, Saint John, New Brunswick, Canada
- 11:15 AM – 11:30 AM 11.4 Expanding the Diversity, Equity, and Inclusion Conversation: Immigrants in Healthcare
Marisa Jacob-Leonce, MD, Univeristy of Rochester Medical Center, Rochester, New York, United States of America
- 11:30 AM – 11:45 AM 11.5 The Epidemic of Dying While Crossing the Border, Undocumented Migrant Deaths in New Mexico: Historical Trends and Unusual Case Presentations
Daniel F. Gallego, MD, Office of the Medical Investigator, Albuquerque, New Mexico, United States of America, Emily D. Helmrich, DO, Office of the Medical Investigator, Albuquerque, New Mexico, United States of America and Heather S. Jarrell, MD, Office of the Medical Investigator, Albuquerque, New Mexico, United States of America
- 11:45 AM – 11:50 AM Questions

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12:00 PM – 2:00 PM	NAME Luncheon & Awards Presentations (Registrants and Ticket Holders Only) [NOT CME] Milton Helpern Laureate Award Lecture <i>Kim A. Collins, MD will receive the Milton Helpern Laureate Award (see Page XX for Details)</i>
2:00 PM – 3:05 PM	SESSION 12 (Part 1): TOXICOLOGY & DNA Moderators:
2:00 PM – 2:15 PM	12.1 Imagine a World with No More Exhumations for Toxicology Sample Collection <i>Laura M. Labay, PhD, NMS Labs, Horsham, Pennsylvania, United States of America and CFSRE, Horsham, Pennsylvania, United States of America</i>
2:15 PM – 2:30 PM	12.2 Differentiating Emergent Care Ketamine From Illicit Abuse in Postmortem Cases <i>Lauren J. Marinetti, PhD, Axis Forensic Toxicology, Indianapolis, Indiana, United States of America</i>
2:30 PM – 2:45 PM	12.3 Expanding Overdose Death Investigations: Multidisciplinary Overdose Fatality Reviews <i>Margaret Moore, MA, NYC Office of Chief Medical Examiner, New York, New York, United States of America</i>
2:45 PM – 3:00 PM	12.4 A Data Analysis of Intraoffice Variability of Death Certifications in Child Fatalities with Illicit Drugs Identified within the Georgia Bureau of Investigation Medical Examiner's Office: 2018-2022 <i>Vanessa Schmidt, BA, MS, Georgia Bureau of Investigation, Decatur, Georgia, United States of America and Stephanie Marino, BS, Georgia Bureau of Investigation, Decatur, Georgia, United States of America</i>
3:00 PM – 3:05 PM	Questions
3:05 PM – 3:30 PM	BREAK [NOT CME]
3:30 PM – 4:35 PM	SESSION 12 (Part 2): TOXICOLOGY & DNA Moderators:
3:30 PM – 3:45 PM	12.5 The Opioid Crisis: Evaluating the Role of Autopsy in the Certification of Suspected Overdose Deaths <i>Nicole D'Anna, MS, New York City Office of Chief Medical Examiner, New York, New York, United States of America and Peter T. Lin, New York City Office of Chief Medical Examiner, New York, New York, United States of America</i>
3:45 PM – 4:00 PM	12.6 Opioid Deaths: to Autopsy or not to Autopsy? <i>Linda E. Iles, MBBS FRCPA, Victorian Institute of Forensic Medicine, Southbank, Victoria, Australia and Department of Forensic Medicine, Monash University, Melbourne, Victoria, Australia</i>
4:00 PM – 4:30 PM	12.7 Cases Closed and Backlogs Cleared: Novel Scientific Comparisons using Advanced DNA and FGJ to Resolve Unidentified Remains Casework <i>Andrew Singer, MSc Biotechnology, MBA, Othram Inc., The Woodlands, Texas, United States of America</i>
4:30 PM – 4:35 PM	Questions
4:35 PM	Meeting Adjourns

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POSTER PRESENTATIONS:

Posters P1-P48 must be on the assigned board by Friday, September 20 at 8:00 AM and remain posted until 5:00 PM. Posters P49-P96 must be on the assigned board by Saturday, September 21 at 8:00 AM and remain posted until 5:00 PM. Posters P97-P144 must be on the assigned board by Sunday, September 22 at 8:00 AM and remain posted until 5:00 PM. NAME is not responsible for posters left on the board after 5:00 PM on the day of your presentation.

It is required that presenters be present at their posters during the following presentation times for discussion of their posters with meeting attendees:

P1 – P48: Friday, September 20, 12:30 PM – 1:30 PM

P49 – P96: Saturday, September 21, 12:30 PM – 1:30 PM

P97 – P144: Sunday, September 22, 12:30 PM – 1:30 PM

P1 Case Report: Accelerated Oxidation of a Copper-Coated Jacket due to the Metabolic Processes of Anaerobic Gastrointestinal Flora

Griffin C. Phenegar, BS, University of Wisconsin Hospitals and Clinics, Madison, Wisconsin, United States of America

P2 Dye Fading in Cotton Fabrics to Determine Time Since Death in Forensic Context

Alexa Geist, Kansas City University, Kansas City, Missouri, United States of America

P3 An Unusual Case of Bone Remodeling Resulting in Grooves on the Calvaria from Deep Brain Stimulator Wires

Davina N. Dobbins, MBA, MPH, Department of Pathology, University of Arizona College of Medicine, Tucson, Arizona, United States of America

P4 Reviewing the Progression of Xylazine-Related Deaths in the State of Georgia: an Interoffice Collaboration

Harry Burnett, BS, Georgia Institute of Technology, Atlanta, Georgia, United States of America

P5 Toxemia of Pregnancy Masking as an Assault

Kaylee D. Fox, OMS-IV, Lincoln Memorial University Debusk College of Osteopathic Medicine, Harrogate, Tennessee, United States of America

P6 Fatal Hyperosmolar Dehydration in a 7-Month-Old with a History of Hairdryer-Related Thermal Burns

Larissa M. Ybanez, BA, BS, University of the Incarnate Word School of Osteopathic Medicine, San Antonio, Texas, United States of America

P7 A Case of Myometritis Arising in an Adenomyotic Uterus Resulting in Fatal Sepsis-Associated Disseminated Intravascular Coagulation

Victoria Prager, OMS-IV, Nova Southeastern University College of Osteopathic Medicine, Clearwater, Florida, United States of America

P8 Hypertrophic Cardiomyopathy Mimicking a Primary Cardiac Tumor: Case Report and Review of Molecular Genetic Findings

Heather L. Williams, CM2, Jacobs School of Medicine and Biomedical Sciences, Buffalo, New York, United States of America

P9 Sudden Death from Undiagnosed Polyarteritis Nodosa in a Nonverbal Autistic Individual

Cooper Shenyu Lyu, PhDc, Dekalb County Medical Examiner's Office, Decatur, Georgia, United States of America

P10 A Not- So- Subtle Stabbing Pain...

Kajsa L. Anderson, BS, University of North Dakota School of Medicine and Health Sciences, Grand Forks, North Dakota, United States of America

P11 Sorting Out Self-Immolation: Fire and Death in a Cornfield

Lindsey M. Martens, BA, University of North Dakota School of Medicine and Health Sciences, Grand Forks, North Dakota, United States of America

P12 Not Just Another Flesh Wound: The Hairy Story of a Fulminant Soft Tissue Infection

Annie M. Ferguson, BS, BA, University of North Dakota School of Medicine and Health Sciences, Grand Forks, North Dakota, United States of America

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P13 A Devastating Separation: A Case of Prosthetic Valve Embolization

Alexus E. Meduna, BS, University of North Dakota School of Medicine and Health Sciences, Grand Forks, North Dakota, United States of America

P14 A Public Health Scourge: The Recent Surge of an Ancient Disease

Abigail E. Pleiss, BS, University of North Dakota Medical School and Health Sciences, Grand Forks, North Dakota, United States of America

P15 "When the Sky Falls": A Case Series of Six Crop Duster Crashes in Rural North Dakota and Minnesota

Zachary E. Even, BA, University of North Dakota Medical School and Health Sciences, Grand Forks, North Dakota, United States of America

P16 A Twisted Tale: An Elderly Woman with Abdominal Complaints

Henry E. Elsenpeter, BA, University of North Dakota School of Medicine and Health Sciences, Grand Forks, North Dakota, United States of America

P17 When Therapy Becomes Threatening: A Case of Suicide by Exogenous Insulin Administration

Chloe J. Kaelberer, BS, University of North Dakota Medical School and Health Sciences Center, Grand Forks, North Dakota, United States of America

P18 Making Haste When Confronting Hantavirus

Nicole R. Virgin, BS, University of North Dakota Medical School and Health Sciences, Grand Forks, North Dakota, United States of America

P19 Asthma: Angst and Awareness

David R. Lee, BS, University of North Dakota Medical School and Health Sciences, Grand Forks, North Dakota, United States of America

P20 Brokenhearted: Postpartum Cardiomyopathy

Elizabeth R. Holzwarth, BS, BS, University of North Dakota Medical School and Health Sciences, Grand Forks, North Dakota, United States of America

P21 Dissecting Dissections: A Series of Case Reports Looking at Aortic Dissections, their Associated Conditions, and Autopsy Protocol

Cole E. Rokke, BS, University of North Dakota School of Medicine and Health Sciences, Grand Forks, North Dakota, United States of America

P22 Cold Can Kill: Hypothermia in North Dakota

Megan E. Kelly, BS, University of North Dakota Medical School and Health Sciences Grand Forks, North Dakota, United States of America

P23 Hydrogen Sulfide: A Scientific Exploration of its Role in Suicides and Accidental Deaths

Matthew Nguyen, Tarrant County Medical Examiner's Office, Fort Worth, Texas, United States of America

P24 Suicide by Cyanide: An Autopsy Case Report

Briana Fernandez, BS, Baylor College of Medicine, Houston, Texas, United States of America

P25 Sudden Death from IgG4-Related Subglottic Stenosis: A Rare Case Report and Review of Literature

Jason D. Steiger, BS, University at Buffalo, Buffalo, New York, United States of America

P26 Undiagnosed High-Grade Glioma Leading to Sudden Death in a 38t-Year-Old Female with a Four-Week History of Blurred Vision and Headache

Matthew E. Stenerson, MS, Department of Pathology and Laboratory Medicine, University of Wisconsin School of Medicine and Public Health, Madison, Wisconsin, United States of America

P27 Pre- and Postmortem Diagnostic Discrepancies at a Large, Academic, Urban Hospital

Tamyra Clark-Hoogstrate, BS, BA, University of Washington School of Medicine, Spokane, Washington, United States of America

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P28 Deadly Hemorrhage after Minor Trauma in Former Bariatric Patients: A Two-Case Series of Deaths in the Setting of Remote Bariatric Surgery

Jude Danagher, BSc Hons, University of Limerick Medical School, Limerick, County Limerick, Ireland

P29 Without Restraint: Preventable Natural Deaths of Inmates

Mira Basuino, BS, Kansas City University, Kansas City, Missouri, United States of America

P30 A Novel Approach to Evidence Preservation in a Crossbow Homicide: A Case Report

Fiona Lane, Western University of Health Sciences COMP-NW, Lebanon, Oregon, United States of America

P31 A Death from Necrotizing Wound Infection after Cesarean Section: Resurgence of Group A Streptococcal Puerperal Sepsis

Timothy Ogburn, BS, University of Nevada Reno School of Medicine, Reno, Nevada, United States of America

P32 Shedding Light on Unseen Challenges: Investigating the Underreported Issue of Undescended Testes

Yaqub Ahmedfiqi, Western Michigan University Homer Stryker School of Medicine M.D., Kalamazoo, Michigan, United States of America

P33 A Case Report: Fatal Hemorrhage from a Dislocated Prosthetic Knee Joint

Geunyoung Jung, MD, Indiana University School of Medicine, Indianapolis, Indiana, United States of America

P34 Meckel Diverticulum as a Lead Point for Fatal Volvulus in an 84-Year-Old Man

Hiro Ross, MD, MCR, UCLA, Los Angeles, California, United States of America

P35 Diabetic Ketoacidosis in the Setting of Autoimmune Polyendocrinopathy

Jane E. Persons, MD, PhD, University of Iowa Hospitals and Clinics, Iowa City, Iowa, United States of America

P36 Right Atrial Perforation in the Setting of Methamphetamine-Associated Cardiomyopathy

Christie-Anne Estrada, MD, University of Tennessee Graduate School of Medicine, Knoxville, Tennessee, United States of America

P37 Hemorrhagic Enteritis as a Rare Complication of Rotavirus A Infection in a Young Child

Phillip Bennett, DO, University of Utah Department of Pathology, Salt Lake City, Utah, United States of America

P38 Rising Detection of Xylazine in Toxicology Reports: Implications for Public Health and Polydrug Use Patterns

Casem Ballouk, MD, Wayne County Medical Examiner, Detroit, Michigan, United States of America

P39 Homemade Fentanyl Suicide Machine Used in Experiment to Prove Existence of the Multiverse: A Case Report

John-Luke Rivera, MD, Department of Pathology and Laboratory Medicine, Loyola University Medical Center, Maywood, Illinois, United States of America

P40 A Hidden Culprit: A Report of Two Unusual Deaths Secondary to Gastrointestinal Bleeding

Andrea Leal Lopez, MD, University of Pittsburgh Medical Center, Pittsburgh, Pennsylvania, United States of America

P41 Aortic Inflammatory Myofibroblastic Tumor: When Benign Is Not So Benign

Mehrnoosh Ghandili, MD, Wake Forest University School of Medicine, Winston Salem, North Carolina, United States of America

P42 Possible Pulmonary-Renal Syndrome as a Cause of Death: An Uncommon Finding at Autopsy

Khanh Duy Doan, MD, Temple University Hospital, Philadelphia, Pennsylvania, United States of America

P43 BASE Jumping Deaths in Utah: A 12-year Retrospective Study

Jessica Schmitt, MD, University of Utah, Salt Lake City, Utah, United States of America

P44 Beyond the Grave: Examining the Role of Exhumation in Forensic Investigations

Muhammad Ahmad Faraz, MBBS, Post Graduate Medical Institute, Lahore, Lahore, Punjab, Pakistan

P45 Autopsy Unveils Pituitary Macroadenoma and Its Complex Complications in a Severely Obese Male

Omid Golestanian, MD, West Virginia University, Morgantown, West Virginia, United States of America

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P46 Disseminated Kaposi Sarcoma and Inflammatory Cytokine Syndrome: An Unexpected Cause of Death in a Young HIV-Positive Male on Antiretroviral Therapy

Hunter Koster, MD, Loyola University Medical Center, Maywood, Illinois, United States of America

P47 A Report of Two Cases of Iatrogenic Vascular Cannulation Injury Discovered at Autopsy: A Literature Review and Brief Discussion on Manner of Death

Allison Lindsey, MD, MS, University of North Carolina, Chapel Hill, North Carolina, United States of America

P48 Fatal Unrecognized Confined Perforated Duodenal Ulcer Discovered by Autopsy Examination

Danielle Lee Mack, MD, University of Iowa Hospitals and Clinics, Iowa City, Iowa, United States of America

P49 High-Dose Loperamide Intoxication with Cardiotoxicity Resulting in Sudden Death: A Case Report

Katherine N. Christel, MD, University of Iowa Hospitals and Clinics, Iowa City, Iowa, United States of America

P50 The Utility of Postmortem Vitreous Procalcitonin in Sepsis-Related Deaths at the Medical University of South Carolina: A Comparative Analysis (2023-2024)

Brittany Wilson, DO, MUSC, Charleston, South Carolina, United States of America

P51 Disseminated Mycobacterium Tuberculosis from Infected Bone Graft Source: Case Studies In Iatrogenic Infections and Our Approach

Thomas Herb, MD, University of Michigan, Ann Arbor, Michigan, United States of America

P52 Fatal Disseminated Neonatal Herpes Simplex Virus Type 1 Infection

Vasudevan D. Mahalingam, DO, MS, Wayne County Medical Examiner's Office, Detroit, Michigan, United States of America

P53 Fetal Blunt Force Injury Patterns in Cases of Pregnant Women Involved in Motor Vehicle Collisions

Katelyn E. Moss, DO, Baylor College of Medicine, Houston, Texas, United States of America

P54 Hereditary Hemorrhagic Telangiectasia and Methamphetamine: A Catastrophic Combination Visualized in an Unconventional Way

Erika Wheeler, MD, King County Medical Examiner's Office, Seattle, Washington, United States of America

P55 *Helianthus Annuus*: A Forensic Neuropathologic Description of Histologic Findings in a Case of 'Sunflower Syndrome'

Brandon M. Maveal, M.D., University of Alabama, Birmingham, Alabama, United States of America

P56 Eosinophilic Myocarditis: A Rare and Potentially Fatal Diagnosis

Mariana Voudouri, MD, Dartmouth-Hitchcock Medical Center, Lebanon, New Hampshire, United States of America

P57 Fatal Gastric Hemorrhage in a Rare Case of Simpson-Golabi-Behmel Syndrome with Gastric Arterial Malformations

Elizabeth McLeod, MD, MS, Walter Reed National Military Medical Center, Bethesda, Maryland, United States of America

P58 Alcohol-Related Deaths in Washtenaw County: A Ten-Year Retrospective (2013-2023) and Reflection on Chronic Alcohol Use in Younger Adults

Jenelle H. Lee, MD, University of Michigan, Ann Arbor, Michigan, United States of America

P59 A Case of Disseminated Histoplasmosis in the Peach State

Patrick Nicholas Simpson-Mahan, MD, Emory University Hospital, Atlanta, Georgia, United States of America

P60 Posttraumatic Meningitis in an Infant with Blunt Head Trauma and Severe Malnourishment: A Case Report

Monica Miyakawa-Liu, MD, Stanford Health Care, Palo Alto, California, United States of America

P61 Intrauterine Fetal Demise Resulting from Maternal Vascular Malperfusion Secondary to Maternal Opioid Abuse, Endocarditis, & Sepsis

Ethan Powell, DO, Allegheny Health Network, Pittsburgh, Pennsylvania, United States of America

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P62 Getting Crunchy with COVID-19: A Unique Case of Catastrophic Multiorgan Calciphylaxis

Andrew D Johnson, MD, University of Rochester Medical Center, Rochester, New York, United States of America

P63 Different Strokes for Different [Young, Nonhypertensive] Folks: A Case Report of Cerebral Venous Sinus Thrombosis and Review of the Literature

Lauren R. Crowson-Hindman, DO, NC Office of the Chief Medical Examiner, Raleigh, North Carolina, United States of America

P64 From a Big Belly to Sudden Death

Rosalind I. Chen, BS, Georgia Bureau of Investigation, Decatur, Georgia, United States of America

P65 An Investigation into the Demographics Related to Decedents Found in the Bathroom and Their Causes and Manners of Deaths

Sydney Beaird, BS, Georgia Bureau of Investigation, Decatur, Georgia, United States of America

P66 Aim True: A Review of Multiple Gunshot Wound Suicides

Sanisha Bailey, Virginia Office of the Chief Medical Examiner- Central, Richmond, Virginia, United States of America

P67 When Pets Kill: Death due to Rat Bite Fever from Pet Hamster

Karena E. Grieco, BS, East Baton Rouge Parish Coroner's Office, Baton Rouge, Louisiana, United States of America

P68 Is Mid-Michigan's Fatal Drug Overdose Age Increasing? A Retrospective Study

Amanda Wallace, BCJ; ABMDI-D, University of Michigan Health-Sparrow, Lansing, Michigan, United States of America

P69 Autopsy Findings in a Rare Case of Primary Small Bowel Volvulus

Soren Beal, OMS-II, West Virginia School of Osteopathic Medicine, Lewisburg, West Virginia, United States of America

P70 Central Pontine Myelinolysis Discovered at Autopsy: Cause of Death or Incidental Finding?

Kate Altmanshofer, OMS-II, West Virginia School of Osteopathic Medicine, Lewisburg, West Virginia, United States of America

P71 Autopsy Findings in a Rare Case of Fatal Firearm Injury Using Radiolucent Ammunition

Jonathan Jansma, OMS-II, West Virginia School of Osteopathic Medicine, Lewisburg, West Virginia, United States of America

P72 Caustic Ingestion with Suicidal Intent: A Case Report and Brief Review

Madeleine Bash, OMS-II, West Virginia School of Osteopathic Medicine, Lewisburg, West Virginia, United States of America

P73 Fibromuscular Dysplasia Involving the Cervicocephalic Arterial Tree Highlighting the Neuropathological Findings

Lorraina J. Robinson, DO, MS, University of Utah, Salt Lake City, Utah, United States of America, Oklahoma Office of the Chief Medical Examiner, Oklahoma City, Oklahoma, United States of America, and Drew Ferguson, MD, University of Utah, Salt Lake City, Utah, United States of America

P74 SARS-CoV-2-Precipitated Neonatal Death in an Infant with MCAD Disorder

Lorraine du Toit-Prinsloo, MBChB, MMed(Path)(Forens), FCFORPath(SA), FRCPA, NSW Health Pathology, Forensic and Analytical Science Service, Forensic Medicine, Sydney, NSW, Australia

P75 The Critical Role of Autopsy in Diagnosing Ruptured Dissecting Internal Carotid Artery Pseudoaneurysm as an Adenoidectomy Postsurgical Complication

Joshua Kocemba, DO, Indiana University, Indianapolis, Indiana, United States of America and Xin Zhang, MD, Indiana University, Indianapolis, Indiana, United States of America

P76 Two Cases of Pediatric Deaths Related to Consumer Products

Amanda Saunders, MBA, Howard University College of Medicine, Washington DC, United States of America

P77 Pediatric Choking Deaths in Harris County, Texas: A 20 Year Retrospective Review

Marianne E. Beynon, MD, Harris County Institute of Forensic Sciences, Houston, Texas, United States of America

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P78 Aortic Dissection in a Teenager: A Case Report

Christian J. Perez-Torres, MD, Summa Health System, Akron, Ohio, United States of America

P79 A Bizarre Bezoar: Fatal Small Bowel Obstruction Secondary to Phytobezoar Formation

Rachel T. Guest, MD, Baylor College of Medicine, Houston, Texas, United States of America

P80 The Diagnostic Challenge of Pets Scavenging in the Forensic Practice: a Rare Case

Ilaria Tarozzi, MD, Modena Local Health Unit, Modena, Italy

P81 One Hell of a Ride: Suicide by Vehicular Assisted Ligature Decapitation

Katie L. Shewbart, DO, University of South Dakota Sanford School of Medicine, Sioux Falls, South Dakota, United States of America

P82 Safety Before Comfort: An Unexpected Logging Accident

Brittany Holden, DO, MS, Southwestern Institute of Forensic Sciences, Dallas, Texas, United States of America

P83 Spontaneous Esophageal Rupture in a Child with FDXR-Associated Fe-S Synthesis Mitochondriopathy

Hannah L. Coltrain, MS, PA(ASCP), DeKalb County Medical Examiner's Office, Decatur, Georgia, United States of America

P84 Hemopericardium due to Ruptured Giant Coronary Artery Aneurysm

Varsha Podduturi, MD, Fort Bend County Medical Examiner Office, Rosenberg, Texas, United States of America

P85 Exploring an Uncommon Roller Coaster Fatality

Erin E. Hall, MD, Tarrant County Medical Examiner's Office, Fort Worth, Texas, United States of America

P86 Autopsy Findings in Patients with Coronary Artery Injury Following Percutaneous Coronary Intervention

Bethany Faust, MD, Yale School of Medicine Department of Pathology, New Haven, Connecticut, United States of America

P87 What "Wood" You Do? Identification and Recognizing Patterns of Injury in Traumatic Fragmentation

Brianne Scott, BS, Office of the Chief Medical Examiner - Western, Roanoke, Virginia, United States of America and Alexxys Clow, MSc, Office of the Chief Medical Examiner - Western, Roanoke, Virginia, United States of America

P88 Triple Coronary Artery Thrombosis: An Exceptional Autopsy Finding

Ekaterina Gedich, MD, Pirogov Russian National Research Medical University, Moscow, Russian Federation

P89 Not Your Typical TCA: A Review of Cases Involving Tianeptine

Stuart A.K. Kurtz, MS, Axis Forensic Toxicology, Indianapolis, Indiana, United States of America

P90 Human Immunodeficiency Virus Encephalitis Presenting as New Onset Postictal State

Natalya R. Ramirez, MD, Duke University Hospital, Durham, North Carolina, United States of America

P91 Suicide as Content in the Digital Age: A Complex, Orchestrated, and Recorded Suicide by Multiple Self-Inflicted Gunshot Wounds

Jennifer E. Davis, MS, Virginia Office of the Chief Medical Examiner, Northern District, Manassas, Virginia, United States of America

P92 The Cold Never Bothered Me Anyway

Timothy Estrada, DO, East Tennessee State University, Johnson City, Tennessee, United States of America

P93 Phosphatidylethanol Biomarker: Novel Application in Negative Postmortem Toxicology of Chronic Ethanol Abusers

E. Heidi Cheek-Norgan, MHS, Mayo Clinic, Rochester, Minnesota, United States of America and R. Ross Reichard, MD, Mayo Clinic, Rochester, Minnesota, United States of America

P94 Everything Everywhere All at Once: A Case Study of Chronic Alcohol Abuse

Katie Fox Hanson, MD, St Louis City Medical Examiner Office, St Louis, Missouri, United States of America

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P95 A Viscous Fate: Sudden Demise Due to B-Cell Acute Lymphocytic Leukemia

Aaron Amundson, DO, USD Sanford School of Medicine, Sioux Falls, South Dakota, United States of America

P96 Cerebral Malaria in a Previously Healthy Adult: A Case Report of Rapid Progression and Fatal Outcome

Sierra Abdullaj, DO, University of Arkansas for Medical Sciences, Little Rock, Arkansas, United States of America

P97 Forensic Tale of Two Countries: Overview of Medico Legal Death Investigation in India and United States of America

Maneesha Pandey, MD, The Forensic Pathologists LLC, Holland, Ohio, United States of America

P98 Drug Overdose Decedents in the United States with any Reported Mental Health Disorder, 2022

Amanda Dinwiddie, MPH, CDC, Atlanta, Georgia, United States of America

P99 The Next “Big Bad” in Synthetic Opioids? The Tale of N-pyrrolidino etonitazene

Nicole A. Croom, MD, MPH, Wayne County Medical Examiner's Office, Detroit, Michigan, United States of America

P100 A Rare Case of Rapidly Fatal Metastatic Interdigitating Dendritic Cell Sarcoma

Chloe Lessard, MPH, Virginia Tech Carilion School of Medicine (VTCSOM), Roanoke, Virginia, United States of America

P101 The Prevalence of Viral Co-Infections among Pediatric Deaths with a Postmortem Respiratory Virus at the New York City Office of Chief Medical Examiner: 2018-2023

Haley Moore, Masters In Forensic Medicine, New York City Office of Chief Medical Examiner, New York, New York, United States of America and Natalie Medders, BFS, New York City Office of Chief Medical Examiner, New York, New York, United States of America

P102 Alive or Dead?

Luisa Andrello, Institute of forensic medicine, Bellinzona, Canton Ticino, Switzerland

P103 Necrotizing Fasciitis following Closed Muscle Injury while Weightlifting

Daniel C. Butler, MD, Medical University of South Carolina, Charleston, South Carolina, United States of America

P104 Data Element Exchange in Specialized Types of Medicolegal Death Investigations

Kelly Keyes, RTI, International, RTP, North Carolina, United States of America

P105 Fatal Dog Mauling Provoked by Seizure Activity in the Setting of Demyelinating Disorder and Androgen Suppression

Mary K. Schwerdt, MD, New York City Office of Chief Medical Examiner, New York, New York, United States of America

P106 ADCY3 Gene Variant and Obesity Associated Death in a Pediatric Patient

Katrina Taylor, DO, East Tennessee State University, Johnson City, Tennessee, United States of America

P107 Microvascular Occlusions and Acute Myocardial Infarction in the Setting of Sickle Cell and Exipient Lung Diseases

Andreas De La Hoz, MD, University of Maryland School of Medicine, Baltimore, Maryland, United States of America

P108 Homicide in Children: a Retrospective Study of Autopsy Population in Maryland:2020-2022

Sorina Iulia Tomoiaga, BS, University of Maryland Baltimore, Baltimore, Maryland, United States of America

P109 Spotting Wischniewski Spots: Harder Than You'd Think

Kyla M. Jorgenson, MD, MS, University of Rochester Medical Center, Rochester, New York, United States of America

P110 Subdural Empyema: A Case Series and Review of Common and Uncommon Causes at Autopsy

Danea Pirtle, MS, University of Nevada, Reno, School of Medicine, Reno, Nevada, United States of America

P111 Hypothermia Related Deaths: A Retrospective Study of Forensic Autopsy Population in the State of Maryland

Tara S. Dillman, BS, University of Maryland, Baltimore, Baltimore, Maryland, United States of America

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P112 Apetamin: A Fatal Case of Small and Large Bowel Ischemia

Denise Sarah Dailey, MD, George Washington University-DC OCME, Washington, DC, United States of America

P113 Death Characteristics of Maricopa County's Unhoused Population

Madeleine Taddei, Maricopa County Office of the Medical Examiner, Phoenix, Arizona, United States of America

P114 Fatal Exertional Rhabdomyolysis in Police Cadet with Underlying Sickle Cell Trait

Brittany J. Ritzman, BS, Indiana University School of Medicine, Indianapolis, Indiana, United States of America

P115 Chill Out: A Fatal Case Involving the Mammalian Dive Reflex Due to Dry Ice Exposure

Noelani-Mei P. Ascio, MD, Oak Hill Hospital, Brooksville, Florida, United States of America and Paul S. Uribe, MD, Fort Bend County Medical Examiner's Office, Rosenberg, Texas, United States of America and Office of the State Medical Examiner, Pearl, Mississippi, United States of America

P116 Cerebral Fungal Infections in Clinical Autopsies: A Single Institution Retrospective Series

Thomas Denize, MD, Massachusetts General Hospital, Boston, Massachusetts, United States of America

P117 Are There Benefits to Performing Federal Aviation Administration (FAA) Toxicology Boxes on Civilian Motorists?

Richard A. Reynolds, District XVIII Brevard County Medical Examiner, Rockledge, Florida, United States of America

P118 Pituitary Apoplexy, Black Esophagus, and Noroviral Gastroenteritis in a Case of Sudden Death

Scott Albright, DO, University of Iowa, Iowa City, Iowa, United States of America

P119 Norfentanyl:Fentanyl Ratios in Fentanyl-Related Overdose Deaths With and Without End Stage Renal Disease

Ari Pape, MD, University of Washington, Seattle, Washington, United States of America

P120 Threads that Kill: Skin Histopathology in a Fatal Case of Jellyfish Envenomation

Mohd Suhani Mohd Noor, MBBS, MPath (Forensic), Sultanah Bahiyah Hospital, Alor Setar, Kedah, Malaysia

P121 A Case of Amyloid Angiopathy-induced Cerebellar Hematoma Resulting in Severe Motor Ataxia Leading to Suspicion of Foul Play

Babette Van Rafelghem, MD, University Hospital of Antwerp, Antwerp, Belgium

P122 A Rare Case of Heterotopic Mesenteric Ossification After Remote Abdominal Gunshot Wounds

Bartłomiej L. Radzik, MD, Cook County Medical Examiner's Office, Chicago, Illinois, United States of America

P123 Suicide by Inhalation of Carbon Monoxide Produced by Mixing Formic Acid and Sulfuric Acid

Marcello Seligardi, MD, University of Parma, Parma, Italy

P124 Pediatric Suicides in Utah: A 10-year Retrospective Study

Neil Haycocks, MD, PhD, Utah Office of the Medical Examiner, Salt Lake City, Utah, United States of America

P125 Cardiac Mucormycosis in a Pancytopenic Patient with Treatment-Refractory Acute Myeloid Leukemia

Aleks P. Penev, University of Washington, Seattle, Washington, United States of America

P126 Death by Self-Inflicted Captive Bolt Device

Breanna M. Cuchara-Blagmon, MFS, Office of the Chief Medical Examiner, Washington, DC, United States of America

P127 Is Carfentanil on the Rise? A Five-Year Positivity Evaluation of Carfentanil Trends

Meaghan R. Hessler, MSFS, NMS Labs, Horsham, Pennsylvania, United States of America

P128 An Unexpected and Fatal Case of Loews-Dietz Syndrome

David M. Joseph, MD, Tarrant County Medical Examiner's Office, Fort Worth, Texas, United States of America

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Laura M. Labay, PhD, NMS Labs, Horsham, PA, United States of America

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Tracy Wadsworth, MD, Cook County Medical Examiner's Office, Chicago, Illinois, United States of America

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Maria Elisa Smith, MD, Maryland Office of the Chief Medical Examiner, Baltimore, Maryland, United States of America

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Amanda Haase, MS, Office of the Chief Medical Examiner of Virginia, Manassas, Virginia, United States of America

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Rebecca Wyma, MD, University of Colorado, Aurora, Colorado, United States of America

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Ashley Leigh Smith, MD, Department of Pathology, Wake Forest University School of Medicine, Winston Salem, North Carolina, United States of America

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Biliana Mileva, Medical University Sofia, Sofia, Bulgaria

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Eleanor Abreo, MD, Oklahoma Office of the Chief Medical Examiner, Oklahoma City, Oklahoma, United States of America

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Tyler Kerrick Murray, DO, Baylor University Medical Center, Dallas, Texas, United States Of America

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Tera Jones, MD, Tarrant County Medical Examiner's Office, Fort Worth, Texas, United States of America

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Shamaya M. Creagh Winters, MD, Emory University, Atlanta, Georgia, United States of America

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Alfredo Eugene Walker, FRCPath, DMJ (Path), MBBS, Department of Pathology and Laboratory Medicine, Faculty of Medicine, University of Ottawa, Ottawa, Ontario, Canada

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Wan Zafirah Zamaliana Alias, MBBS, LLM, Sultanah Bahiyah Hospital, Alor Setar, Kedah, Malaysia

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Sarah Boring, BSc, Jennifer Hammers Pathology, LLC, Beaver Falls, PA, United States of America

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Radiah Mat Yasin, Department of Forensic Medicine, Sultanah Bahiyah Hospital, Alor Setar, Kedah, Malaysia

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Jenna Bowman, University of Maryland, Baltimore, Baltimore, Maryland, United States of America, Isabella Brothers, University of Maryland, Baltimore, Baltimore, Maryland, United States of America, Ashlee Durham, University of Maryland, Baltimore, Baltimore, Maryland, United States of America, and Francesca Rossi, University of Maryland, Baltimore, Baltimore, Maryland, United States of America