

## **NAME 2020 MEETING PROGRAM**

**Please note that recording (photographing, audio taping, videotaping, or capture of screen-shots) of any presentation/session is PROHIBITED, except by a NAME-authorized agent.**

**NOTE: All times are Central Time Zone (CDT) (US/Canada)**

### **COMMITTEE MEETINGS [NOT CME]:**

#### **TUESDAY, OCTOBER 6, 2020**

3:00 PM – 5:00 PM NAME Foundation Board of Trustees Meeting

#### **THURSDAY, OCTOBER 8, 2020**

9:00 AM – 12:00 PM Board of Directors Meeting

#### **FRIDAY, OCTOBER 9, 2020**

11:00 AM – 2:00 PM Inspection and Accreditation Training

#### **MONDAY, OCTOBER 12, 2020**

9:00 AM – 12:00 PM NAME Business Meeting  
*The NAME Foundation Business Meeting will immediately follow the NAME Business Meeting*

#### **WEDNESDAY, OCTOBER 14 – SUNDAY, OCTOBER 18, 2020**

8:00 AM October 14 NAME Foundation Silent Auction Begins  
1:00 PM October 18 NAME Foundation Silent Auction Concludes

#### **FRIDAY, OCTOBER 16, 2020**

##### **PROGRAM INFORMATION:**

##### ***\*Indicates the following:***

- \*John Smialek Best Resident Paper/Poster Competition*
- \*\*Mary Fran Ernst Best Affiliate Paper/Poster Competition*
- \*\*\*Susan P. Baker Public Health Impact Award*
- \*\*\*\*Best Student Paper/Poster Competition*

8:00 AM – 8:10 AM Welcome and Introduction [NOT CME]

**8:10 AM – 10:10 AM SESSION 1: EVERYTHING COVID-19**  
**Moderator: Karen L. Kelly, MD, East Carolina University, Greenville, North Carolina, United States of America**

8:10 AM – 8:30 AM 1.1 New Mexico's COVID-19 Experience  
*\*Nicole R. Jackson, MD, MPH, Office of the Medical Investigator, University of New Mexico, Albuquerque, New Mexico, United States of America*

8:30 AM – 8:45 AM 1.2 Impact of the COVID-19 Pandemic on Cases and Medicolegal Death Investigation Policies at Franklin County Coroner's Office, Columbus Ohio  
*Maneesha Pandey, MBBS, Franklin County Forensic Science Center, Columbus, Ohio, United States of America and Katelyn Yoder, MA, F-ABMDI, Franklin County Forensic Science Center, Columbus, Ohio, United States of America*

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- 8:45 AM – 9:00 AM 1.3 SARS-CoV-2 (COVID-19) Global Pandemic National Emergency “Stay at Home Order” Effects the Cause of Death (COD) or Manner of Death (MOD) In Autopsied 2020 Death Certificates; Bay County, Michigan US  
*William Ray Morrone, DO, MPH, MS, Office of the Medical Examiner, Bay County Health Department, Bay City, Michigan, United States of America*
- 9:00 AM – 9:15 AM 1.4 Using Death Certificates to Monitor the COVID-19 Pandemic  
*\*\*Margaret Warner, PhD, CDC National Center For Health Statistics, Hyattsville, Maryland, United States of America*
- 9:15 AM – 9:35 AM 1.5 Interaction of the Opioid Epidemic with the COVID-19 Pandemic: Impacts on the MDI Community  
*Barry K. Logan, PhD, NMS Labs, Horsham, Pennsylvania, United States of America, M.J. Menendez, JD, NMS Labs, Horsham, Pennsylvania, United States of America and Victor Weedn, MD, JD, George Washington University, Washington, DC, United States of America*
- 9:35 AM – 10:00 AM 1.6 NAME Toxicology Committee Presents: COVID-19 Medications – Reference Data and Resource Information  
*Jirair Gevorkyan, California Department of Justice, Sacramento, California, United States of America*
- 10:00 AM – 10:10 AM 1.7 WITHDRAWN
- 10:00 AM – 10:10 AM Questions
- 10:10 AM – 10:30 AM BREAK [NOT CME]
- 10:10 AM – 10:30 AM VISIT VIRTUAL EXHIBITS [NOT CME]
- 10:30 AM – 12:25 PM** **SESSION 2: PEDIATRIC CONCEPTS**  
**Moderator: Jan Gorniak, DO, Clark County Office of the Coroner/Medical Examiner, Las Vegas, Nevada, United States of America**
- 10:30 AM – 10:45 AM 2.1 Flexion-Distracton Fracture Resulting from Shaken Baby Syndrome  
*Jaclyn Plotzke, MD, Michigan Medicine, Ann Arbor, Ann Arbor, Michigan, United States of America*
- 10:45 AM – 11:00 AM 2.2 Neck Injuries and Other Findings in Pediatric Homicide Cases Versus Controls: An Institutional Case Series  
*\*Catherine Perez, MD, University of Michigan, Ann Arbor, Michigan, United States of America*
- 11:00 AM – 11:15 AM 2.3 Understanding the Pathology of Homicidal Pediatric Blunt Neurotrauma through Correlation of Advanced Magnetic Resonance Images with Histopathology  
*Heather S. Jarrell, MD, Office of the Medical Investigator/University of New Mexico, Albuquerque, New Mexico, United States of America*
- 11:15 AM – 11:30 AM 2.4 Inferior Vena Cava Lacerations and Liver Embolus to the Lung Resulting from Non-accidental Injury of the Abdomen  
*Kayla Hoerschgen, MD, USD Sanford School of Medicine, Sioux Falls, South Dakota, United States of America*
- 11:30 AM – 11:40 AM 2.5 Deadly Delays in Newborn Screening  
*Katherine Cochrane, University of Tennessee Medical Center Knoxville, Knoxville, Tennessee, United States of America*

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- 11:40 AM – 12:00 PM 2.6 Focus on Preschool-Aged Drowning: How Death Scene Investigation Can Inform Policy and Prevention  
*Todd R. Porter, MD, MSPH, Denver Health Medical Center, Denver, Colorado, United States of America, Abby Collier, MA, National Center for Fatality Review and Prevention, Okemos, Michigan, United States of America and Nicole Hughes, MA, Levi's Legacy, Knoxville, Tennessee, United States of America*
- 12:00 PM – 12:15 PM 2.7 Investigating the Completeness of Death Investigation Information Reported to the Sudden Unexpected Infant Death (SUID) Case Registry  
*Alexa B. Erck, MPH, DB Consulting Group, Contractor for Centers for Disease Control and Prevention, New Orleans, Louisiana, United States of America*
- 12:15 PM – 12:25 PM Questions
- 12:25 PM – 1:20 PM VISIT VIRTUAL EXHIBITS [NOT CME]
- 12:25 PM – 1:20 PM LUNCH BREAK [NOT CME]
- 1:20 PM – 3:00 PM** **SESSION 3: TOXICOLOGY I**  
**Moderator: Kristin Escobar Alvarenga, MD, Cook County Medical Examiner's Office, Chicago, Illinois, United States of America**
- 1:20 PM – 1:35 PM 3.1 Novel Evaluation of Submandibular Salivary Gland Tissue for use as an Alternative Postmortem Toxicology Specimen  
*\*\*\*\*Ernest Allen Morton, M.B.A., M.S., Western Michigan University Homer Stryker MD School of Medicine, Kalamazoo, Michigan, United States of America*
- 1:35 PM – 1:45 PM 3.2 Kratom-Associated Fatalities in Northern Nevada – What Mitragynine Level is Fatal?  
*\*\*\*\*Jessica S. Schmitt, BS, University of Nevada - Reno School of Medicine, Reno, Nevada, United States of America and Kaileigh M. Bingham, BS, University of Nevada - Reno School of Medicine, Reno, Nevada, United States of America*
- 1:45 PM – 2:00 PM 3.3 Use of Qualitative In-House Drug and Toxicology Testing by the King County Medical Examiner's Office in Seattle, WA.  
*Nicole Yarid, MD, King County Medical Examiner's Office, Seattle, Washington, United States of America*
- 2:00 PM – 2:10 PM 3.4 6-Acetylmorphine as an Impurity in Cases with Extremely Elevated Morphine Concentrations  
*Laura Labay, NMS Labs, Horsham, Pennsylvania, United States of America*
- 2:10 PM – 2:30 PM 3.5 NAME Toxicology Committee Presents: Contemporary Interpretation of Fentanyl Results  
*Laura Labay, NMS Labs, Horsham, Pennsylvania, United States of America*
- 2:30 PM – 2:50 PM 3.6 NAME Toxicology Committee Presents: Looking Ahead to Toxicology in 2021  
*Laura Labay, NMS Labs, Horsham, Pennsylvania, United States of America*
- 2:50 PM – 3:00 PM Questions
- 3:00 PM – 3:10 PM BREAK [NOT CME]

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- 3:10 PM – 4:25 PM**      **SESSION 4: TOXICOLOGY II**  
**Moderator: Karen Zeigler, DO, Office of the Chief Medical Examiner, San Francisco, San Francisco, California, United States of America**
- 3:10 PM – 3:25 PM      4.1 Fentalogs in Postmortem Investigations, January 2018 – April 2020  
*Jolene J. Bierly, MSFS, NMS Labs, Horsham, Pennsylvania, United States of America*
- 3:25 PM – 3:40 PM      4.2 Testing for Barium Before You Bury 'Em  
*Kathryn Pinneri, MD, Montgomery County Forensic Services, Conroe, Texas, United States of America*
- 3:40 PM – 4:00 PM      4.3 Toxic Adulterant Cutting Agents and Emerging Issues  
*M. Fredric Rieders, PhD, NMS Labs, Horsham, Pennsylvania, United States of America*
- 4:00 PM – 4:15 PM      4.4 Eutylone Intoxications: An Emerging Synthetic Stimulant in Forensic Investigations  
*Barry K. Logan, PhD, Center for Forensic Science Research and Education (CFSRE), Willow Grove, Pennsylvania, United States of America*
- 4:15 PM – 4:25PM      Questions

**SATURDAY, OCTOBER 17, 2020**

**PROGRAM INFORMATION:**

- 8:00 AM – 10:20 AM**      **SESSION 5: TRAUMA**  
**Moderator: Adele Lewis, MD, Tennessee Department of Health, Nashville, Tennessee, United States of America**
- 8:00 AM – 8:15 AM      5.1 Medicolegal Death Investigation of Railroad-Related Fatalities  
*\*Jared Brooks, MD, Western Michigan University Homer Stryker M.D. School of Medicine, Kalamazoo, Michigan, United States of America*
- 8:15 AM – 8:30 AM      5.2 Accidental Deaths Involving Trees: Professional and Non-professional Woodcutting and Tree Failures with Autopsy Findings  
*\*Deland Weyrauch, MD, Yale University School of Medicine, New Haven, Connecticut, United States of America*
- 8:30 AM – 8:50 AM      5.3 Examining Differences In Injury Survivability Determinations Between Medical Examiners and Trauma Surgeons Evaluating Pre-hospital Trauma Deaths  
*Brian Eastridge, MD, UT Health San Antonio; Coalition for National Trauma Research, San Antonio, Texas, United States of America, Kurt B. Nolte, MD, University of New Mexico School of Medicine, Albuquerque, New Mexico, United States of America and MIMIC Study Group, Coalition for National Trauma Research, San Antonio, Texas, United States of America*
- 8:50 AM – 9:05 AM      5.4 Mortality Review: A Collaboration Between a Medicolegal Jurisdiction and Trauma System to Eliminate Preventable Death  
*Edward Mazuchowski, MD, PhD, Defense Health Agency - Joint Trauma System, Fort Sam Houston, Texas, United States of America*
- 9:05 AM – 9:35 AM      5.5 The Expanding Role of Biomechanics in Forensic Pathology  
*\*\*\*Sarah Sherman, PhD, Exponent, Farmington Hills, Michigan, United States of America and Milad Webb, MD, PhD, Hillsborough County Medical Examiner's Office, Tampa, Florida, United States of America*
- 9:35 AM – 9:55 AM      5.6 Determination of Force Required to Produce Stab Wounds in Cadaveric Chest Tissue  
*\*Lorenzo Gitto, MD, State University of New York, Upstate Medical University, Syracuse, New York, United States of America*

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- 9:55 AM – 10:10 AM 5.7 Dallas 7/7: Deployment of a Bomb Disposal Robot to End a Police Standoff  
*Reade A Quinton, MD, Mayo Clinic, Rochester, Minnesota, United States of America*
- 10:10 AM – 10:20 AM Questions
- 10:20 AM – 10:30 AM BREAK [NOT CME]
- 10:30 AM – 11:40 AM** **SESSION 6: CRITICAL ISSUES**  
**Moderator: Catherine Miller, MD, Palm Beach County Medical Examiner, West Palm Beach, Florida, United States of America**
- 10:30 AM – 11:00 AM 6.1 Missing and Murdered in Canada: A Call for Change to the Investigation of the Deaths of Indigenous People  
*Kona Williams, Bsc, MD, FRCPC (AP+FP), Northeastern Regional Forensic Pathology Unit, Sudbury, ON, Canada*
- 11:00 AM – 11:10 AM 6.2 CSI and Cadavers: Factors That Influence Physicians to Pursue Forensic Pathology  
*Mary Tuyetnhi H. Tran, Timber Creek High School, Orlando, Florida, United States of America*
- 11:10 AM – 11:40 AM 6.3 The Forensic Pathology Pipeline: Creating Forensic Pathologists through Proactive Pathology Residency Programs  
*Victor W. Weedn, MD, JD, George Washington University, Washington, District of Columbia, United States of America and M.J. Menendez, JD, NMS Labs, Horsham, Pennsylvania, United States of America*
- 11:40 AM – 11:50 AM Questions
- 11:50 AM – 12:45 PM VISIT VIRTUAL EXHIBITS [NOT CME]
- 11:50 AM – 12:45 PM LUNCH BREAK [NOT CME]
- 12:45 PM – 2:35 PM** **SESSION 7: MEDICAL EDUCATION AND ADMINISTRATION**  
**Moderator: Ashley Mathew, MD, Kentucky Office of the State Medical Examiner, Louisville, Kentucky, United States of America**
- 12:45 PM – 1:00 PM 7.1 Autopsy Education In Canadian Pathology Programs: A Survey of Canadian Trainees  
*\*Michael Multan, Dr, BHSc (Hons.), MD, University of British Columbia, Vancouver, British Columbia, Canada*
- 1:00 PM – 1:15 PM 7.2 Updates in Forensic Pathology Education: Milestones 2.0  
*\*Nicole Alyse Croom, MD, MPH, University of California, San Francisco, San Francisco, California, United States of America*
- 1:15 PM – 1:25 PM 7.3 Narrative Writing As a Part of Resident Education in Forensic Pathology  
*Mark A Giffen, Jr, DO, Wake Forest School of Medicine, Winston Salem, North Carolina, United States of America*
- 1:25 PM – 1:40 PM 7.4 A Medical Examiner Bereavement Mementos Program via Nonprofit Auxiliary Organization  
*Nicole A. Franklin, Washoe County Regional Medical Examiner's Office and Benjamin Clark Foundation, Reno, Nevada, United States of America*
- 1:40 PM – 1:50 PM 7.5 Tweet, Tweet!: Using Twitter Chats To Teach Forensic Pathology  
*Ken Obenson, MD, Horizon Health Network, Saint John, New Brunswick, Canada*

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- 1:50 PM – 2:00 PM 7.6 An Experiment In Short Live Broadcasts At A Name Meeting: Quo Vadimus?  
*Ken Obenson, MD, Horizon Health Network, Saint John, New Brunswick, Canada*
- 2:00 PM – 2:10 PM 7.7 The Potential Value Of Video Abstracts On Social Media To Disseminating Content from  
NAME Meetings  
*Ken Obenson, MD, Horizon Health Network, Saint John, New Brunswick, Canada*
- 2:10 PM – 2:25 PM 7.8 Evaluation of the Impact of Post-mortem Computed Tomography at the New Mexico  
Office of the Medical Investigator  
*Natalie L. Adolphi, PhD, University of New Mexico, Albuquerque, New Mexico, United  
States of America*
- 2:25 PM – 2:35 PM Questions
- 2:35 PM – 2:45 PM BREAK [NOT CME]
- 2:45 PM – 5:15 PM** **SESSION 8: FORENSIC POTPOURRI: CERTIFICATION OF DEATH AND UNUSUAL  
CAUSES OF DEATH**  
**Moderator: Julia Shields, MD, Shield Forensics, Sykesville, Maryland, United States  
of America**
- 2:45 PM – 3:00 PM 8.1 Classification of Autopsy Findings: Degrees of Certainty  
*\*\*\*Maura E. DeJoseph, DO, Connecticut Office of the Chief Medical Examiner, Farmington,  
Connecticut, United States of America*
- 3:00 PM – 3:15 PM 8.2 Positional Asphyxia In Opioid-Related Deaths: Is It Being Overlooked?  
*\*\*\*Joyce L. deJong, DO, Western Michigan University Homer Stryker M.D. School of  
Medicine, Kalamazoo, Michigan, United States of America*
- 3:15 PM – 3:30 PM 8.3 Homicide by Unspecified Means: Cleveland 2008-2019  
*\*Alison R. Krywaczyk, MD, Cuyahoga County Medical Examiner's Office, Cleveland, Ohio,  
United States of America*
- 3:30 PM – 3:40 PM 8.4 Overwork-Related Death (Karoshi): An Unrecognized Entity. Review of Literature and  
Topic of Discussion  
*\*Iana Lesnikova, MD, Ph.D., RUSH Medical Center, Chicago, Illinois, United States of  
America*
- 3:40 PM – 4:00 PM 8.5 A Forensic Approach to Military Exertional Training Deaths  
*Paul S Uribe, MD, Armed Forces Medical Examiner System, Dover Air Force Base,  
Delaware, United States of America*
- 4:00 PM – 4:15 PM 8.6 A Trait-or in Disguise: Hemoglobin AS as an Unexpected Cause of In-Custody Death  
*\*Allison Cooper, MD, Southwestern Institute of Forensic Sciences, Dallas, Texas, United  
States of America*
- 4:15 PM – 4:30 PM 8.7 Characteristics of Deaths with Evidence of Pathological Hoarding in Cook County 2017-  
2018  
*\*David Michael Waters, MD, Cook County Medical Examiner Office, Chicago, Illinois, United  
States of America*
- 4:30 PM – 4:45 PM 8.8 Bilateral Cerebellar Stroke Presenting as Sudden Death in Drug House, Following Head  
Injury Sustained in Police Altercation  
*Wendy M. Gunther, MD, Office of the Chief Medical Examiner, Commonwealth of Virginia,  
Norfolk, Virginia, United States of America*

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- 4:45 PM – 5:00 PM 8.9 Acute Esophageal Necrosis (Black Esophagus): An Autopsy Case Series  
*\*Lauren R Crowson-Hindman, DO, MS, Medical University of South Carolina, Charleston, South Carolina, United States of America*
- 5:00 PM – 5:15 PM Questions
- 5:15 PM Meeting Adjourns

**SUNDAY, OCTOBER 18, 2020**

- 4:00 PM – 5:30 PM **OPTIONAL EVENT: NAME FOUNDATION OUTREACH FUNDRAISER:** Drug Delivery Homicide: The Straw that Breaks the Camel's Back  
*Barry K. Logan, PhD, NMS Labs, Horsham, Pennsylvania, United States of America, Gregory G. Davis, MD, Jefferson County Medical Examiner, Birmingham, Alabama, United States of America and M.J. Menendez, JD, NMS Labs, Horsham, Pennsylvania, United States of America*

**POSTER PRESENTATIONS:**

**CARDIOVASCULAR PATHOLOGY**

**P1 Sudden Maternal Cardiac Death Due To Primary Spontaneous Dissection of the Left Coronary Artery: A Case Report**

*Lineth Jacsenia Saldana, MD, Institute of Legal Medicine and forensic Science of Panama*

**P2 Myocardial Infarction with Nonobstructive Coronary Arteries (MINOCA): A Rare Finding in 10 Years of Medical Autopsies**

*Tuyet Hong T. Tran, DO, New York University Langone Health, New York, New York, United States of America*

**P3 Great Balls of Fire: Commotio Cordis Following Roman Candle Explosion**

*\*Teddi L. Tubre, MD, Broward Office of Medical Examiner and Trauma Services, Fort Lauderdale, Florida, United States of America*

**P4 Investigating Medical Examiners' Practices: Genetic Evaluation for Fatal Acute Aortic Dissection**

*Bradley Power, MS, University of Texas Graduate School of Biomedical Sciences, Houston, Texas, United States of America*

**P5 Thrombosis of Bioprosthetic Valve Associated with Acute Myocardial Injury**

*\*\*\*\*Cassandra Kambertz, BS, BA, University of North Dakota School of Medicine and Health Sciences, Grand Forks, North Dakota, United States of America*

**FORENSIC POTPOURRI - MISCELLANEOUS**

**P6 Your Patient is Going to Die I: A Review of Iatrogenic Injuries**

*Katherine Maloney, MD, Erie County Medical Examiner's Office, Buffalo, New York, United States of America*

**P7 Your Patient is Going to Die II: A Review of Missed Diagnoses**

*Katherine F. Maloney, MD, Erie County Medical Examiner's Office, Buffalo, New York, United States of America*

**P8 Checking In But Not Checking Out: Trends in Deaths Occurring in Hotels**

*\*Claire Rosalie Sorensen, MD, Cook County Medical Examiner's Office, Chicago, Illinois, United States of America*

**P9 A Novel Approach to Postmortem Needle Thoracentesis**

*\*Teddi L. Tubre, MD, Broward - Office of Medical Examiner and Trauma Services, Fort Lauderdale, Florida, United States of America*

**P10 Examining the Importance of Postmortem Computed Tomography Examination in Cases with Opposition to Conventional Autopsy**

*Avani Latchireddi, MS, University of Maryland, Baltimore, Baltimore, Maryland, United States of America*

**P11 Gender Differences in Method of Suicide**

*Michael Eckhardt, MD, Cook County Medical Examiner's Office, Chicago, Illinois, United States of America*

**INFECTIOUS DISEASE**

**P12 Who Died of Pneumonia Before the COVID-19 Pandemic? A Multicenter Cross-Sectional Study of Risk of Dying of Pneumonia or Having Pneumonia as a Significant Contributing Factor**

*\*Iana Lesnikova, MD, PhD, RUSH Medical Center, Chicago, Illinois, United States of America*

**P13 A Report of Myocarditis During a Viral Pandemic**

*\*\*\*Lily Mahler, University of Alabama at Birmingham, Birmingham, Alabama, United States of America*

**P14 SARS-CoV-2 in the Kidneys: Postmortem Renal Histopathologic Findings in Three patients with COVID-19**

*\*Batoul Aoun, DO, Michigan Medicine, Ann Arbor, Michigan, United States of America*

**P15 A Case of Clinically Unrecognized Adult Chicken Pox Revealed Postmortem**

*Nicholas J. Barna, II, MD, Miami-Dade Medical Examiner, Miami, Florida, United States of America*

**P16 Air Embolism Complicating Extracorporeal Membrane Oxygenation (ECMO) in the Setting of COVID-19 Pneumonia: A Case Report and Review of Literature**

*\*Zachary Michael Grimes, DO, Icahn School of Medicine at Mount Sinai, New York, New York, United States of America*

**P17 Postmortem Diagnosis of Clostridium Without Culture Confirmation**

*\*\*\*McKenzie Jackson, BS, University of North Dakota School of Medicine and Health Sciences, Grand Forks, North Dakota, United States of America*

**NEUROPATHOLOGY**

**P18 Brain Herniation with Embolic Subarachnoid Displacement of Cerebellar and Brainstem Tissue to the Distal Lumbar Spine**

*Megan F. Lee, MD, Duke University Medical Center, Durham, North Carolina, United States of America*

**P19 Hypercoagulable: A Case of Dural Venous Sinus Thrombosis**

*\*Joseph Mininni, MD, University of Maryland Medical Center, Baltimore, Maryland, United States of America*

**P20 Pacific Northwest Brain Donor Network: A Collaborative Approach to Studying Military Traumatic Brain Injury**

*Kathryn P. Scherpelz, MD, PhD, University of Washington, Seattle, Washington, United States of America*

**P21 Fatal Case of Clinically Undiagnosed H3 K27M-Mutant Diffuse Midline Glioma Masquerading As Hypertensive Intraparenchymal Hemorrhage**

*Amber R. Wang, MD, Maricopa County Office of the Medical Examiner, Phoenix, Arizona, United States of America*

**P22 Colloid Cyst of the Third Ventricle in a Forensic Setting. A Case Series and Review of the Literature.**

*\*Alexander F. Blank, Cleveland Clinic Foundation, Cleveland, Ohio, United States of America*

**P23 Rapidly Progressive Dementia: A Case of Wernicke Encephalopathy Unrelated to Alcohol Use**

*\*Natalie Taylor, MD, MS, University of Wisconsin School of Medicine and Public Health, Madison, Wisconsin, United States of America*

**P24 Acute Ruptured Berry Aneurysm in Association with a Synchronous Cerebral Vascular Malformation: Differential Diagnosis and Classification**

*Jaclyn Plotzke, MD, Michigan Medicine, Ann Arbor, Ann Arbor, Michigan, United States of America*



### PEDIATRIC PATHOLOGY

**P25 Blue Baby: An Uncommon Post Mortem Artifact due to Perimortem Methylene Blue Administration**

*\*Melinda Flores, MD, Southwestern Institute of Forensic Sciences, Dallas, Texas, United States of America*

**P26 The Utility of Postmortem Cultures in Pediatric Autopsies**

*\*Alexander F. Blank, Cleveland Clinic Foundation, Cleveland, Ohio, United States of America*

**P27 Fatal Brainstem Compression with Necrosis in an Achondroplastic Infant**

*Emilie Cook, DO, East Tennessee State University, Johnson City, Tennessee, United States of America*

### TOXICOLOGY

**P28 An Overdose Death Associated with Vaping Designer Fentanyl Analogs**

*Katherine Maloney, MD, Erie County Medical Examiner's Office, Buffalo, New York, United States of America*

**P29 Sudden Death Following Acute Phentermine Ingestion**

*\*Morgan Rene Long, DO, University of Arizona, Tucson, Arizona, United States of America*

**P30 Characteristics and Trends of Fentanyl Related Death in Marion County, Indiana: 2016-2019**

*Xin Zhang, Indiana University, Carmel, Indiana, United States of America*

**P31 Toxicology Testing When Traditional Matrices Are Non-Existent**

*\*\*Laura Labay, NMS Labs, Horsham, Pennsylvania, United States of America*

**P32 Designer Benzodiazepines: A Death from Flubromazolam Toxicity**

*Natalie Larsen, MD, University of Alabama Birmingham, Birmingham, Alabama, United States of America*

**P33 Postmortem Rapid Urine Drug Screen Analysis Compared to Standard Drug Screen**

*Butch M. Huston, MD, Ramsey County Medical Examiner's Office, St. Paul, Minnesota, United States of America*

### TRAUMA

**P34 Evaluation of Pedestrian-Train Fatalities in the State of Maryland: a Five-Year Retrospective Study of Forensic Autopsy Cases**

*Claire K. Hammerschmidt, MS Forensic Medicine, University of Maryland, Baltimore, Baltimore, Maryland, United States of America*

**P35 Drowned in His Own Blood: Accidental Mechanical Asphyxia Due to a Massive Bleeding With Airway Obstruction**

*Giancarlo Di Vella, MD, Università degli Studi di Torino, Turin, Torino, Italy*

**P36 Nonfirearm Related Homicides at the Medical University of South Carolina, 2013-2019**

*Christopher Sullivan, MD, MPH, Medical University of South Carolina, Charleston, South Carolina, United States of America*

**P37 Putting the Pieces Together Again: A Case of Dismemberment Using a Circular Saw**

*Ben Murie, DO, University of New Mexico: Office of the Medical Investigator, Albuquerque, New Mexico, United States of America*

**P38 Exsanguination via a Right Radial Artery Posttraumatic Pseudoaneurysm Secondary to Dog Bite: A Case Report**

*\*Daniel Vincent Sullivan, MD, MA, University of California-San Francisco, San Francisco, California, United States of America*

**P39 Wall Falls: Blunt Trauma Sustained from Border Wall Crossings**

*\*Nicole R. Jackson, MD, MPH, Office of the Medical Investigator, University of New Mexico, Albuquerque, New Mexico, United States of America*

**P40 Analysis of Air Gun Parameters and Wounding Potential**

*Haley M. Carr, MS, Syracuse University, Syracuse, New York, United States of America*

**P62 G2 Research Radically Invasive Projectile: The Importance of Recognizing Its Imaging and Autopsy Patterns**

*\*Xin Zhang, Indiana University, Carmel, Indiana, United States of America*

**UNUSUAL CAUSE OF DEATH**

**P41 Sickle Cell Trait and Cold Induced Death: A Case Report**

*\*Catherine Perez, MD, University of Michigan, Milan, Michigan, United States of America*

**P42 Don't Frack Yourself Over: Death Due to Electrocutation from Fractal Wood Burning**

*Varsha Podduturi, MD, Harris County Institute of Forensic Sciences, Houston, Texas, United States of America*

**P43 Undiagnosed, Unknown, and Unexpected: A Case Series of Lymphomas Discovered Postmortem**

*\*Anna Tart, MD, University of Arkansas for Medical Science, Little Rock, Arkansas, United States of America*

**P44 A Fatal Case of Metastatic Gastric Adenocarcinoma Mimicking Cirrhosis**

*Janet M. Basinger, MD, Vanderbilt University Medical Center, Nashville, Tennessee, United States of America*

**P45 Ruptured Ectopic Pregnancy in a Morbidly Obese Female**

*\*Fabiola A. Righi, DO, Mayo Clinic, Rochester, Minnesota, United States of America*

**P46 Double Suicide Due to the Ingestion of Levamisole-Adulterated Cocaine: Case Report and Review of the Literature**

*\*Serenella Serinelli, MD, PhD, State University of New York - Upstate Medical University, Syracuse, New York, United States of America*

**P47 WITHDRAWN**

**P48 Death Due to Adrenal Crisis: Case Report and Review of the Literature**

*\*Serenella Serinelli, MD, PhD, State University of New York - Upstate Medical University, Syracuse, New York, United States of America*

**P49 Train-Related Suicidal Decapitation**

*\*\*\*\*Samantha Woolery, MS, Western Michigan University Homer Stryker M.D. School of Medicine, Kalamazoo, Michigan, United States of America*

**P50 An Unusual Case of Water Intoxication**

*Amanda J. Hersh, DO, University of Missouri, Columbia, Missouri, United States of America*

**P51 Cocaine-Associated Acute Esophageal Necrosis Seen at Postmortem Examination**

*Kayla Dill, PA, Wayne County Medical Examiner's Office, Detroit, Michigan, United States of America*

**P52 Metastatic Melanoma with Aberrant Smooth Muscle Differentiation Diagnosed at Autopsy: A Case Report**

*\*Martin V. Burks, IV, MD, MBA, Wake Forest Baptist Health, Winston-Salem, North Carolina, United States of America*

**P53 A Rare Complication of Fetal Alcohol Syndrome Revealed at Autopsy**

*Nicholas J. Barna, II, MD, Miami-Dade Medical Examiner, Miami, Florida, United States of America*

**P54 An Unusual Cause of Sudden Intraoperative Death: Extensive Tumor Microemboli From a Radiographically Misdiagnosed Hepatocellular Carcinoma Variant**

*Emilie Cook, DO, East Tennessee State University, Johnson City, Tennessee, United States of America*

**P55 Primary Cardiac Angiosarcoma Resulting in Tamponade and Sudden Death**

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*Meagan Chambers, MS, MSc, MD, University of Washington, Seattle, Washington, United States of America*

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*Rasha Kiwan, BS, Sacramento County Coroner's Office, Sacramento, California, United States of America*

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*\*Shasta Theodore, MD, University of Texas Health Science Center at San Antonio, San Antonio, Texas, United States of America*

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*Kayla Dill, PA, Wayne County Medical Examiner's Office / Michigan Medicine, Detroit, Michigan, United States of America*

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*Heath Blankenship, MD, Wake Forest Baptist Medical Center, Winston Salem, North Carolina, United States of America*

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