

BEST AWARD PRESENTATIONS

JOHN SMIALEK BEST RESIDENT/FELLOW AWARDS

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

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

1.3 Subway and Other Train System-Related Electrocutation 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

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

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

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

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

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

EDWARD J. BARBIERI FORENSIC TOXICOLOGY AWARDS

2.5 From Leaf to Lethality: Investigating Kratom-Associated Deaths

Justin Brower, PhD, F-ABFT, NMS Labs, Horsham, Pennsylvania, United States of America

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

JOHN PLESS BEST STUDENT AWARDS

3.1 An Accidental Death Due to Ingestion of Isobutyl Nitrite

Hannah P. McQueen, BS, MUSM, MUSC, Charleston, South Carolina, United States of America

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

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

SUDDEN UNEXPLAINED DEATH IN CHILDHOOD (SUDC) FOUNDATION AWARDS

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

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

SUSAN P. BAKER PUBLIC HEALTH IMPACT AWARDS

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

3.8 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

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

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

4.1 Mortality Statistics from the National Vital Statistics System

Margaret Warner, PhD, CDC, Hyattsville, Maryland, United States of America

MARY FRAN ERNST BEST AFFILIATE AWARDS

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

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

JOHN PLESS BEST STUDENT AWARDS

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

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

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

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

Grace Lavandowska, BS, BA, 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

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

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

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

P79 Suicide by Cyanide: An Autopsy Case Report

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

JOHN SMIALEK BEST RESIDENT/FELLOW AWARDS

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

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

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

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

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

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

MARY FRAN ERNST BEST AFFILIATE AWARDS

P64 From a Big Belly to Sudden Death
Rosalind I. Chen, 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