DEATH INVESTIGATION
FITTING THE PIECES OF
THE PUZZLE

December 8, 2021
7:30 a.m. - 4:15 p.m.

The Education Center at Eastern AHEC
Greenville, NC
Also Presented via Live Webinar

Provided by: The Department of Pathology and Laboratory Medicine, Forensic Division and the Office of Continuing Medical Education of the Brody School of Medicine at East Carolina University®, in association with Eastern Area Health Education Center
Overview

This conference focuses on the latest developments in forensic science and forensic medicine, which should lead to improved outcomes in death investigations. Whether investigating a crime scene, interviewing witnesses, or assessing clinical information, participating in this conference will better prepare you to work with multiple pieces of the puzzle.

Objectives

Upon completion of this knowledge-based symposium, participants should have a greater understanding of strategies to integrate new developments in the following areas into practice:

**State of the State Medical Examiners Office**
- Discuss how the COVID pandemic has affected the medical examiner system
- Apply the updated medical examiner guidelines to everyday practice

**Pediatric Organ Donation: Providing Lifesaving Gifts and Closure**
- Recognize the public health crisis and urgent need for lifesaving organs to be recovered
- Identify which patients will be pursued for potential organ donation
- Establish lines of communication with organ procurement organizations to make your needs known
- Promote collaborative efforts with the organ procurement organization during the process to increase pediatric donors

**Youth Suicide and Pediatric Death Investigation in North Carolina**
- Identify trends in youth suicide in North Carolina
- Recognize how thorough death investigations assist with accurate Medical Examiner data
- Describe how to investigate a pediatric death scene
- Propose tools that can help with pediatric death investigations

**Injury Prevention: Pitt County Firearm Safety Coalition**
- Discuss the model, mission, and vision of the Pitt County Firearm Safety Coalition
- Explore data and key facts specific to pediatric firearm injuries and death
- Examine strategies for preventing firearm injuries and death in children

**Death Investigation Forms and Proper Procedure**
- Identify the proper procedure when sending a case to the ECU Regional Autopsy Center
- Review the forms and documents used in death investigations, including death certificates, SUIDI forms and SILAS

**Panel Discussion: High Profile Death Investigations**
- Discuss the collaborative efforts that must occur between a medical examiner’s office and law enforcement during the investigation of a high profile death case
- Explore case examples of high profile death investigations
- Outline the difficulty and intricacies of prosecuting a case without a body

**The Rise of Fentanyl Related Deaths in North Carolina During the COVID-19 Pandemic**
- List OCME Toxicology capabilities, testing workflows, and involvement in overdose related death investigations
- Outline basic opioid/fentanyl pharmacology and toxicology and mechanism of action in regard to toxicity and death
- Review up to date information on the trends associated with fentanyl use, formulation, and impact on opioid related deaths during 2020 in North Carolina
- Explore recently published pediatric opioid fatality data focused on cases investigated by NC OCME in children between the ages of 8-24 months

**The Role and Impact of Genetic Disorders in Child Death Investigations**
- Describe the difficulty of investigating child death scenes
- Describe the importance of autopsy in child death investigation
- Recognize the importance of molecular pathology in the detection of genetic disorders in child deaths

Who Should Attend

Physicians, Medical Examiners, Forensic Pathologists, Registered Nurses, EMS/First Responders, Law Enforcement, ABMDI Death Investigators, other Forensic Scientists
Agenda

7:30 a.m. Registration and Zoom Introduction

7:55 a.m. Welcome and Introduction
Karen Kelly, MD

8:00 a.m. State of the State Medical Examiners Office
Michelle Aurelius, MD

8:45 a.m. Pediatric Organ Donation: Providing Lifesaving Gifts and Closure
Danielle Monroe

9:30 a.m. BREAK

10:00 a.m. Youth Suicide and Pediatric Death Investigation in North Carolina
Elaine Cabinum-Foeller, MD, FAAP
Inv. Beki Jumonville, MAA, D-ABMDI

11:00 a.m. Injury Prevention: Pitt County Firearm Safety Coalition
Sue Anne Pilgreen, MSN, RN, CPN

11:15 a.m. Death Investigation Forms and Proper Procedure
Inv. Beki Jumonville, MAA, D-ABMDI

11:45 a.m. LUNCH

12:30 p.m. Panel Discussion: High Profile Death Investigations
Moderator & Medical Examiner: Karen Kelly, MD
Medical Examiner: M.G.F. Gilliland, MD
Judge: Wayland J. Sermons, Jr.
District Attorney: Joel Stadiem
Law Enforcement: Justin Godwin

1:45 p.m. BREAK

2:00 p.m. The Rise of Fentanyl Related Deaths in North Carolina During the COVID-19 Pandemic
Jason S. Hudson, Ph.D., F-ABFT

3:00 p.m. The Role and Impact of Genetic Disorders in Child Death Investigations
Karen Kelly, MD
Areeba Rizvi, MD
Felisha Davis, MD

4:00 p.m. Wrap-Up

4:15 p.m. ADJOURN
Faculty

Program Director
Karen Kelly, MD
Associate Professor
Department of Pathology & Laboratory Medicine
The Brody School of Medicine, East Carolina University

Guest Faculty

Michelle Aurelius, MD
Chief Medical Examiner
Division of Public Health, Office of the Chief Medical Examiner
North Carolina Department of Health and Human Services

Danielle Monroe
EMS/Medical Examiner Liaison
HonorBridge

Sue Anne Pilgreen, MSN, RN, CPN
Program Manager, Eastern Carolina Injury Prevention Program
Executive Director, Safe Communities Coalition of Pitt County, Inc.
Vidant Medical Center

Wayland J. Sermons, Jr.
Senior Resident Superior Court Judge
Second Judicial District
North Carolina Judicial Branch

Joel Stadiem
Assistant District Attorney
8th Prosecutorial District

Detective Justin Godwin
Wilson Police Department
Homicide Task Force

Jason S. Hudson, Ph.D., F-ABFT
Chief Toxicologist
Division of Public Health, Office of the Chief Medical Examiner
North Carolina Department of Health and Human Services

Brody School of Medicine Faculty

Elaine Cabinum-Foeller, MD, FAAP
Associate Professor
Pediatrics

Inv. Beki Jumonville, MAA, D-ABMDI
Autopsy Supervisor/Forensic Anthropologist
Division of Forensic Pathology

Areeba Rizvi, MD
Pathology Resident (PGY3)
Department of Pathology and Laboratory Medicine

Felisha Davis, MD
Pathology Resident (PGY1)
Department of Pathology and Laboratory Medicine

M.G.F. Gilliland, MD
Professor Emerita
Department of Pathology and Laboratory Medicine
Credit
Accreditation:
The Brody School of Medicine at East Carolina University is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Credit:
The Brody School of Medicine at East Carolina University designates this live activity for a maximum of 6.5 AMA PRA Category 1 Credits™. Physicians should claim only those credits commensurate with the extent of their participation in the activity.

CME for Physician Assistants: AAPA accepts certificate of participation for educational activities certified for AMA PRA Category 1 Credit(s)™ from organizations accredited by ACCME or a recognized state medical society. Physician Assistants may receive a maximum of 6.5 hours of Category 1 credit for completing this program.

Eastern AHEC Contact Hours: Certificates will reflect 6.5 contact hours.

Nurse Practitioners: This activity was designated for 6.5 AMA PRA Category 1 Credits™.

EMT Credit: Application has been made for 6.5 hours of education.

Registration Information
Registration is online only at www.easternahec.net and requires a current MyAHEC account. Registration will close the day before the program at 12:00 p.m.

$125.00 MD, DO, Other Doctorates
$90.00 Other Health Professionals
$50.00 EMS and Law Enforcement; Residents/Students

Webinar Participants: A link and information regarding joining via webinar will be included in your confirmation email.

Click here for technical requirements and privacy information.

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COVID-19 Seating Statement: Conference seating will be limited based on NC public health guidelines for gatherings to continue to slow the spread of COVID-19. Additional guidance for attending the conference will be emailed to you one week prior to the conference. More information will be posted to the Eastern AHEC website.

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Handouts
Handouts will be available online only. One week prior to the program, registrants will receive a confirmation email with instructions to access handouts along with other program information.

Evaluations will be emailed after the program. Once the evaluation has been completed, your certificate will be available.

Eastern AHEC Cancellation Policy

• Cancellations must be in writing (easternahec@ecu.edu).
• Registrants canceling between two weeks and two full business days prior to the first day of the event are refunded at 70% of the registration fee subject to a minimum $25 cancellation fee.
• No refunds or credits will be given for cancellations received less than two full business days prior to the event.
• Cancellations greater than two weeks prior to the event will receive 100% refund.
• No vouchers will be issued in lieu of a refund.
• Transfers/substitute(s) welcome (notify in advance of the program).

Americans with Disabilities Act
Individuals requesting accommodation under the Americans with Disabilities Act (ADA) should contact the ADA coordinator at least five days prior to the event at 252-737-1018 / ada-coordinator@ecu.edu.

For more information about this program, please contact Christie Martin at martinchr16@ecu.edu.