

Emory University
Serious Communicable Diseases Program (SCDP)
Project ECHO Program
Defining a Special Pathogen
Thursday, April 13, 2023
11 AM – 12 PM (EST)

Medical Director/Facilitator: Gavin Harris, MD- *Emory University School of Medicine, Divisions of Pulmonary, Allergy, Critical Care, and Sleep Medicine & Infectious Diseases; Serious Communicable Diseases Program*

Expert Panelist(s):

- Jill Morgan, RN, BSN - Emory Healthcare, Critical care
- Marshall Lyon III, MD, MMSc - Emory University Hospital, Infectious Diseases
- Angela Hewlett, MD, MS - University of Nebraska Medical Center, Infectious Diseases

Target Audience:

- Anyone interfacing with patients, including EMTs, paramedics, physicians, nurses, pharmacists, hospital administrators, public health officials, etc., are welcome to attend.

Session Objectives:

- To gain an understanding of the scope of emerging and re-emerging special pathogens circulating in the world today and the implications on public health
- To understand the debate surrounding best practices and discuss important biosafety and biosecurity considerations with special pathogens using case-based scenarios
- Understand the current approach to medical countermeasures and the implications for our national healthcare capacity

Connection Details: https://zoom.us/webinar/register/WN_b53PnayoRmSbiKkLc2Q6MA

Time	Topic	Presenter
11:00-11:05	Welcome, Intros, Polls	Harris
11:05-11:10	Situation Report	Harris
11:10-11:20	Defining a Special Pathogen – Case Presentations	Harris
11:20-11:35	Case Discussions	Harris, Morgan, Lyon, Hewlett
11:35-12:00	Discussion/Q&A <i>(Audience can submit questions and experts will discuss)</i>	Harris, Morgan, Lyon, Hewlett
12:00	Wrap-up, Polls	Harris

Bios:

Gavin Harris, MD

Gavin H. Harris, MD is an Assistant Professor of Medicine at Emory University School of Medicine, holding appointments in both the Division of Pulmonary, Allergy and Critical Care Medicine and the Division of Infectious Diseases. He has been on faculty at Emory since 2020 and his professional expertise lies in the areas of disaster preparedness, medical countermeasures, and the treatment of special pathogens. Dr. Harris is the medical director for the Emory University Serious Communicable Diseases Program Project ECHO and SitRep, the co-clinical lead for critical care medicine for Emory's Serious Communicable Diseases Unit (SCDU), and a rostered physician for the SCDU. Additionally, Dr. Harris is an alumni fellow of the Johns Hopkins University Bloomberg School of Public Health's Center for Health Security Emerging Leaders in Biosecurity Initiative (ELBI) as well as faculty with the National Emerging Special Pathogens Training and Education Center (NETEC) as an adult care subject matter expert and a biothreats subject matter expert with the Southern Regional Disaster Response System (SRDRS).

Jill Morgan, RN, BSN

Jill has been a member of Emory's Serious Communicable Disease Unit for more than fifteen years and cared for all four of Emory's Ebola virus disease patients. During her biocontainment unit experience, Jill developed an acute interest in ensuring that clinicians of all kinds can safely do their work. That passion has led to a strong relationship with clinical research, NIOSH, and the National Personal Protective Technologies Laboratory, as well as involvement with PPE standards organizations such as ASTM and AAMI. She also serves as the in-person education lead for NETEC, the National Emerging Special Pathogens Training and Education Center

Jill served as a judge in last year's BARDA mask challenge, argued in favor of the development of eye protection standards against blood and other potentially infectious materials, and sponsors biomedical engineering students from Ga Tech in their capstone projects. She is currently working on grants involving barrier face coverings and infection prevention for bedside clinicians through Emory's Healthcare Human Factors Lab.

Marshall Lyon III, MD, MMSc

Dr. G. Marshall Lyon, III, MD is a Professor of Medicine at the Emory University School of Medicine in Atlanta, GA. He grew up in Huntington, WV. He received an undergraduate degree from Duke University, went to medical school at Marshall University in Huntington, and completed specialty training at Duke University Medical Center in combined internal medicine and pediatrics. Between 1998 – 2000 he worked at CDC as an Epidemic Intelligence Officer. Then, he pursued fellowship training in Infectious Diseases at the Massachusetts General Hospital/Brigham and Women's Hospital combined program. He joined the faculty at Emory in 2003.

Since 2007, Dr. Lyon has been the Director of Transplant Infectious Diseases. In 2014, he was one of five physicians primarily responsible for patients with Ebola cared for at Emory's Serious Communicable Diseases Unit. Dr. Lyon has an active clinical research program investigating novel therapies for fungal

infections, cytomegalovirus, and more recently COVID-19. Dr. Lyon has authored over 90 publications, books, and book chapters.

Angela Hewlett, MD, MS

Angela Hewlett MD, MS, is Professor of Internal Medicine and Infectious Diseases at the University of Nebraska Medical Center (UNMC) and the University of Nebraska College of Public Health and is the George W. Orr and Linda Orr Chair in Health Security. Dr. Hewlett serves as Medical Director of the Nebraska Biocontainment Unit, where she actively participated in the care of several patients with Ebola virus disease, and has since provided subject matter expertise through the National Emerging Special Pathogens Training and Education Center (NETEC), the SHEA/CDC Outbreak Response Training Program, and multiple other national and international biopreparedness advisory groups and venues. Dr. Hewlett currently directs the COVID-19 Infectious Diseases team at UNMC/Nebraska Medicine, and serves as an Infectious Diseases Advisor for the US Olympic Team and Little League International. She is also designated as a Global Center for Health Security (GCHS) Scholar, and a National Strategic Research Institute (NSRI) Fellow. She has authored more than 100 publications and book chapters. Her textbook 'Planning for Bioemergencies: A Guide for Healthcare Facilities' was released in 2018.

Dr. Hewlett earned a BA in Biology from the University of Texas at Austin, and an MD from the University of Texas Medical Branch (UTMB) in Galveston, Texas, where she also completed a residency in Internal Medicine. She served as Chief Resident, then completed a 2 year fellowship in Infectious Diseases followed by a 1 year NIH-funded research fellowship with a focus in Hospital Epidemiology and Infection Control. She also holds a Master's degree in Clinical Sciences-Clinical Investigation from the University of Texas Medical Branch.



In support of improving patient care, this activity has been planned and implemented by Emory University and Project ECHO. Project ECHO® is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.



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attendance and completion of evaluation.

Disclosure Statement

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None of the planners and presenters for this educational activity have relevant financial relationship(s) to disclose with ineligible companies whose primary business is producing, marketing, selling, re-selling, or distributing healthcare products used by or on patients.

Gavin Harris, MD
Aneesh Mehta, MD
Sharon Vanairsdale, DNP, APRN, ACNS-BC, NP-C, CEN, FAEN, FAAN
Yasmin Thornton, MPH
Allison Klajbor, MBA
Jill Morgan, RN, BSN
Marshall Lyon III, MD, MMSc

The following planners / presenters listed below have disclosed that they have a relevant financial relationship with an ineligible company.

	<u>Nature of Relationship</u>	<u>Name of Ineligible Company</u>
Angela Hewlett M.D., M.S.	Consultant Researcher	ForeCast Orthopedics Mapp Biopharmaceutic

All of the relevant financial relationships listed for this individual have been mitigated.