

Emory University
Serious Communicable Diseases Program (SCDP)
Project ECHO Program
Managing MDROs
Thursday, April 11, 2024
11 AM – 12 PM (EST)

Facilitator/Medical Director: *Gavin Harris, MD – Assistant Professor of Medicine and the Serious Communicable Diseases Program (SCDP) Medical Director, Education and Outreach, Emory University School of Medicine, Divisions of Pulmonary, Allergy, Critical Care, and Sleep Medicine & Infectious Diseases*

Expert Panelist(s):

- Sheetal Kandiah, MD, MPH - Associate Professor, Emory University School of Medicine, Division of Infectious Disease
- CAPT Alice Y. Guh, MD, MPH, FIDSA, - U.S. Public Health Service Medical Officer, Division of Healthcare Quality Promotion (DHQP), Center for Disease Control and Prevention (CDC)
- Jessica Howard-Anderson, MD, MSc - Assistant Professor, Emory University School of Medicine, Division of Infectious Diseases, Associate Hospital Epidemiologist, Emory University Hospital Midtown (EUHM)

Target Audience:

- Anyone interfacing with patients or responsible for patient/community health, including physicians, nurses, EMTs, paramedics, pharmacists, hospital administrators, public health officials, etc., are welcome to attend.

Session Objectives:

- Gain an overview of the current state of MDR bacterial pathogens with a focus on CRE/ESBL resistance
- Understand the mechanisms behind the rise of these MDR pathogens as well as surveillance efforts to detect outbreaks
- Understand current management approaches, with a focus on infection prevention and control measures

Connection Details: https://zoom.us/webinar/register/WN_Sv42bavgQQm94y5fmUAFjQ

Time	Topic	Presenter
11:00 -11:05	Welcome, Intros, Polls	Harris

11:05 -11:10	Situation Report	Harris
11:10 -11:20	Case of Carapenem-Resistant Enterobacterales (CRE)	Howard-Anderson
11:20 -11:35	Carbapenem-Resistant Enterobacterales	Kandiah
11:35 -11:45	Public Health Perspective: CRE and ESBL-E	Guh
11:45 -12:00	Discussion/Q&A <i>(Audience can submit questions and experts will discuss)</i>	Harris, Howard-Anderson, Guh, Kandiah
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).

Sheetal Kandiah, MD, MPH

Dr. Sheena Kandiah is an associate professor of medicine in infectious diseases at Emory university School of Medicine. Her primary role is medical director of antimicrobial stewardship at Grady Health System in downtown Atlanta which is a safety net hospital. She is also an associate hospital epidemiologist, chair of the sepsis committee. Her clinical practice includes general infectious diseases, transplant infectious diseases and HIV medicine.

Jessica Howard-Anderson, MD, MSc

Dr. Howard-Anderson is an Assistant Professor of Medicine at Emory University School of Medicine and the Associate Hospital Epidemiologist at Emory University Hospital Midtown. She completed medical school, residency and chief residency at University of California Los Angeles

and her infectious diseases fellowship at Emory University in 2021. During her fellowship she obtained a Master of Science in Clinical Research and was selected for a research fellowship with the NIH-funded Antibacterial Resistance Leadership Group. Dr. Howard-Anderson's research focuses on: 1) the epidemiology of multidrug-resistant Gram-negative organisms, 2) using novel methodologies such as DOOR (desirability of outcome ranking) to better understand clinical outcomes of patients infected with multidrug-resistant organisms, and 3) utilizing diagnostic stewardship to decrease healthcare associated infections.

CAPT Alice Y. Guh, MD, MPH, FIDSA

U.S. Public Health Service Medical Officer in the Division of Healthcare Quality Promotion (DHQP) at the Centers for Disease Control and Prevention (CDC). She is board certified in Internal Medicine and Infectious Diseases. CAPT Guh joined CDC in 2007 as an Epidemic Intelligence Service Officer, where she was assigned to the Connecticut State Department of Public Health. She joined DHQP in 2009, where she provided technical expertise in investigations of healthcare-associated outbreaks and management of infection control breaches. In 2014, she assumed leadership of the *Clostridioides difficile* infection surveillance activity conducted through the CDC Emerging Infections Program, which covers a population of >12 million persons. In 2021, CAPT Guh became the lead of the *C. difficile* Infection and Multi-site Gram-negative Surveillance Initiative Team. In this capacity, she continues to lead special projects to advance *C. difficile* research while overseeing the surveillance activities of selected gram-negative bacteria, including carbapenem-resistant



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.



AMA Designation Statement

Project ECHO® designates this live activity for a maximum of 1.0 *AMA PRA Category 1 Credit™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

ANCC Designation Statement

Project ECHO® designates this live activity for a maximum of 1.0 ANCC contact hour. Nursing contact hours will be awarded for successful completion of program components based upon documented attendance and completion of evaluation.

Disclosure Statement

Project ECHO®, in compliance with the ACCME Standards for Integrity and Independence in Accredited Continuing Education, requires that anyone who is in a position to control the content of an educational activity disclose all relevant financial relationships they have had within the last 24 months with an ineligible company.

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, FIDSA, FAST

Sharon Vanairsdale, DNP, APRN, ACNS-BC, NP-C, CEN, FAEN, FAAN

Yasmin Thornton, MPH

Allison Klajbor, MBA

Sheetal Kandiah, MD, MPH

Jessica Howard-Anderson, MD, MSc

Alice Guh, MD, MPH, FIDSA