



EMORY  
UNIVERSITY

Emory University  
Serious Communicable Diseases Program (SCDP)  
Project ECHO Program  
The Current State of Dengue Fever  
Thursday, September 26, 2024  
11 AM – 12 PM (ET)

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

**Facilitator:** Jay Varkey, MD, Associate Professor, Department of Medicine, Division of Infectious Diseases, Emory University; Interim Chief Quality Officer and Hospital Epidemiologist, Emory University Hospital

**Expert Panelist(s):**

- Cherie Drenzek, DVM, MS – State Epidemiologist and Chief Science Office, Georgia Department of Public Health, Department of Epidemiology
- Liliana Sánchez-González, MD, MPH, CTropMed® - Medical Epidemiologist, Center for Disease Control and Prevention, Dengue Branch, Division of Vector-Borne Diseases
- Jessica Fairley, MD, MPH, FASTMH - Associate Professor of Medicine, Emory University School of Medicine, Division of Infectious Diseases; Global Health, and Epidemiology; Director, Emory Hansen's Disease Program

**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 and projected epidemiologic trends of Dengue Virus in the Western Hemisphere
- Utilize a case-based scenario to understand the appropriate clinical management of a patient with Dengue Fever
- Discuss important issues Dengue Virus poses for current healthcare preparedness

**Connection Details:**

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



EMORY  
UNIVERSITY

11:05 -11:10	Situation Report – Overview of Current Disease Outbreaks	Harris
11:10 -11:20	Dengue Virus Disease in Travelers	Fairley
11:20 -11:35	Why should you care about dengue? Situational update and key concepts of clinical presentation and management.	Sánchez-González
11:35 -12:00	Discussion/Q&A <i>(Audience can submit questions and experts will discuss)</i>	Varkey, Fairley, Drenzek, Sánchez-González
12:00	Wrap-up, Polls	Varkey

**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 Director of Education and Outreach 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).

**Jay Varkey, MD**

Jay Varkey, MD Dr. Jay B. Varkey is an Associate Professor of Medicine in the Department of Medicine, Division of Infectious Diseases, at the Emory University School of Medicine. He received his BA in International Affairs and Political Science and graduated with honors from Marquette University in 1998. In 2002, he graduated from the Medical College of Wisconsin where he was a member of the Alpha Omega Alpha honor society. He completed his residency in Internal Medicine and fellowship in Infectious Diseases at Duke University Medical Center. He was recruited to the Emory University School of Medicine in 2009 to become the medical director of the antibiotic stewardship program at Emory University Hospital where he currently serves as Hospital Epidemiologist. He is an active teacher and lecturer. His research interests are



EMORY  
UNIVERSITY

focused on improving patient outcomes by optimizing the use of antimicrobials and reducing healthcare associated infections. In Fall 2014, Dr. Varkey was one of five infectious diseases physicians that provided direct care to 4 patients with Ebola virus disease treated in the Serious Communicable Diseases Unit (SCDU) at Emory University Hospital including the first 2 patients with Ebola treated in the United States. During both the 2014 Ebola outbreak in West Africa and throughout the COVID-19 pandemic, Dr. Varkey has been invited to provide medical expert commentary to multiple media organizations in newspapers, radio, and on television including multiple appearances in the Associated Press, National Public Radio, NBC, CBS, ABC, and CNN.

**Liliana Sánchez-González, MD, MPH, CTropMed®**

Dr. Liliana Sánchez-González is a medical epidemiologist in the CDC Dengue Branch in San Juan, Puerto Rico. Dr. Sánchez-González attended medical school in her native Colombia, has a master's in public health-global health from the University of Washington, and ample experience in tropical and travel medicine. As part of her work with the CDC Dengue Branch, Dr. Sánchez-González has participated in the response to several domestic and international outbreaks, including dengue, measles, and COVID-19; provides regular dengue clinical management trainings; and leads and participates in several research and surveillance projects related to mosquito-borne diseases in Puerto Rico.

**Cherie Drenzek, DVM, MS**

Dr. Cherie Drenzek grew up in Detroit, Michigan and received her bachelor's degree in Biological Sciences and her Master's degree in Food Microbiology from Wayne State University in Detroit. She attended Michigan State University College of Veterinary Medicine and received her DVM in 1995; the same year, she entered the Epidemic Intelligence Service program at CDC and was stationed in the Rabies Section. Following EIS, Cherie was employed as an Assistant Professor of Epidemiology at the University of Georgia College of Veterinary Medicine. Cherie has been employed at the Georgia Department of Public Health (DPH) since 1999 and has served in a variety of roles, including infectious disease medical epidemiologist and State Public Health Veterinarian. Cherie served as Director of the Acute Disease Epidemiology Section and Deputy State Epidemiologist from 2005-2011 and was named State Epidemiologist on August 1, 2011. In addition, Cherie was named as DPH's first Chief Science Officer in 2019. Cherie has led DPH's epidemiologic response to the COVID-19 pandemic in Georgia since January 2020

**Jessica Fairley, MD, MPH, FASTMH**

Dr. Fairley received her undergraduate and medical degrees Georgetown University and then completed combined residency in Internal Medicine and Pediatrics at Brown University followed by fellowship in infectious diseases at Case Western Reserve School of Medicine in Cleveland OH. She completed the Diploma in Tropical Medicine during fellowship and attained her Masters in Public Health in global epidemiology at Rollins School of Public Health (RSPH) in 2016. Dr. Fairley



EMORY  
UNIVERSITY

joined Emory University School of Medicine in 2010 with the Emory TravelWell Center as her clinical home within the Division of Infectious Diseases. She holds a primary appointment as associate professor of medicine in the division of infectious diseases and secondary appointments in the Hubert Department of Global Health and the Department of Epidemiology at RSPH. At TravelWell, she has been involved in both the Geosentinel and GTEN networks and have developed expertise in both pre- and post-travel medicine. She has also been director of the Atlanta Hansen's Disease clinic, a satellite clinic of the National Hansen's Disease Program, since 2012. She conducts a wide breadth of translational and epidemiology research across both the Emory School of Medicine and Rollins School of Public Health in Hansen's disease, neglected tropical diseases, travel medicine, and climate change. Specifically, these projects entail study on the susceptibility, immunology, and epidemiology of leprosy in Brazil, Ethiopia, and the US and collaborative projects on planetary health and how climate change impacts immigrant health and migration as well as vector borne disease epidemiology in Georgia, USA.



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.



EMORY  
UNIVERSITY

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

Liliana Sánchez-González, MD, MPH, CTropMed®

Cherie Drenzek, DVM, MS

Jessica Fairley, MD, MPH, FASTMH

The following presenter listed below has disclosed that they have a relevant financial relationship with an ineligible company.

	<u>Nature of Relationship</u>	<u>Name of Ineligible Company</u>
Jay Varkey, MD	Consultant	Mediflix: Patient Education Video Streaming Service

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