



# Under Surveillance 2017:

## *Emerging Infections in California*

### **Oakland Scottish Rite Center**

**1547 Lakeside Drive**

**Oakland, CA 94612**

**November 14, 2017 8:30 am–1:00 pm**

### **Symposium Overview**

The California Emerging Infections Program is in its twenty-third year of conducting active surveillance for selected pathogens and related studies in the San Francisco Bay Area. The CEIP would like to take this opportunity to thank its many partners in clinical laboratories, infection control departments, local health departments, and the California Department of Public Health for their past and continued support and collaborative efforts.

This symposium will highlight recent emerging infectious diseases and issues in the San Francisco Bay Area, including those under surveillance by CEIP.

#### **Schedule**

- 8:00 am Registration and Beverages
- 8:30 am **Welcome and Opening Remarks**  
Gretchen Rothrock, MPH  
CEIP Associate Director
- 8:40 am ***Candida auris*: The Yeast that Breaks the Mold**  
Brendan R Jackson, MD, MPH
- 9:30 am **Emerging Tick-borne Diseases in California**  
Kerry Padgett, PhD
- 10:20 am Break and Continental Breakfast
- 10:55 am **Legionella Surveillance in California: Challenges and Opportunities**  
Seema Jain, MD
- 11:45 am **Carbapenem Resistant Enterobacteriaceae: Who is Reporting It and Why**  
Erica Pan, MD, MPH, FAAP
- 12:35 pm Q&A
- 12:45 pm Complete Evaluations
- 1:00 pm Adjourn

#### **Learning Objectives**

- ◆ Recognize how *Candida auris* is different from other types of pathogenic *Candida*
- ◆ Know the species for which *Candida auris* is commonly misidentified and which methods can correctly identify it
- ◆ Describe the infection control measures recommended to contain *Candida auris* transmission
- ◆ Learn about emerging tick-borne pathogens in California
- ◆ Name two tick species in California that transmit human pathogens
- ◆ Describe the peak season for risk of Pacific Coast tick fever exposure
- ◆ Learn about the epidemiology of legionellosis
- ◆ Learn about the surveillance trends for legionellosis in California
- ◆ Learn about challenges in legionellosis outbreak response and control
- ◆ Understand the epidemiology, transmission, and health impact of CRE
- ◆ Become familiar with CRE surveillance definitions and local/regional surveillance initiatives
- ◆ Understand how local CRE surveillance data can be used to control transmission

### **Continuing Education: Free CEUs**

This intermediate-level symposium is designed for laboratorians, infection control practitioners, public health professionals, and nurses. Four (4.0) hours of CEUs for laboratorians are provided by Kaiser Permanente of Northern California Regional Laboratory Accrediting Agency #0013, as approved by the California State Department of Public Health, Laboratory Field services Branch. BRN CEUs are provided by Contra Costa Health Services. Continuing education units will be offered based on four (4.0) hours of instruction.

## Faculty

### Brendan Jackson, MD, MPH

Dr. Jackson is a medical epidemiologist and lead of the CDC Mycotic Diseases Branch epidemiology team, which is dedicated to investigating and preventing a wide range of fungal diseases, including *Candida auris*. Dr. Jackson is board certified in internal and preventive medicine and, most importantly, is a California native. At CDC, he trained in the Epidemic Intelligence Service and worked on foodborne and waterborne diseases before focusing on fungal diseases.

### Seema Jain, MD

Seema Jain, MD is the Chief of the Disease Investigations Section for the Infectious Diseases Branch at the California Department of Public Health. As a medical epidemiologist and clinical infectious diseases physician, Dr. Jain has worked extensively in domestic and international public health, on a myriad of diseases including influenza and pneumonia, foodborne and waterborne infections, and other emerging infections. Dr. Jain completed an internal medicine residency at the University of California, San Francisco, the Epidemic Intelligence Service Fellowship at the Centers for Disease Control and Prevention (CDC), and an infectious diseases fellowship at Emory University. Prior to joining CDPH recently, Dr. Jain served as a medical epidemiologist at the CDC for ten years, and was most recently stationed in New Delhi, India.

### Kerry Padgett, PhD

Dr. Padgett is a Supervising Public Health Biologist at the California Department of Public Health, where she supervises 15 biologists in a statewide surveillance program and laboratory for vector-borne diseases. She also supervises the statewide website and hotline for reporting dead birds as part of West Nile Virus surveillance. Her career has focused on elucidating the transmission, epidemiology and molecular ecology, primarily of tick-borne diseases. Dr. Padgett received her BA from University of California, Berkeley and her PhD from University of California, Davis.

### Erica Pan, MD, MPH, FAAP

Dr. Pan is a Deputy Health Officer, and the Director of the Division of Communicable Disease Control & Prevention in the Alameda County Public Health Department. She is also a Clinical Professor in the Department of Pediatrics, Division of Pediatric Infectious Diseases at the University of California, San Francisco (UCSF). She currently practices at UCSF Benioff Children's Hospital Oakland in Infectious Diseases. Dr. Pan is board certified in both Pediatric Infectious Diseases and Pediatrics. She received her MD and MPH degrees from Tufts University School of Medicine, and completed her undergraduate education at Stanford University.



## Heluna Health

The New PHFE

Limited parking on site.

No cameras or recording devices permitted.

We are happy to accommodate participants with special needs. In compliance with the Americans with Disabilities Act, please notify CEIP at least two weeks prior to the symposium by calling 510-350-3368.

CEIP extends its most sincere gratitude to the laboratorians and infection control practitioners at its participating hospitals.

We also would like to thank the following local health department collaborators for their continuing support of CEIP's surveillance efforts:

Contra Costa Health Services



San Francisco Department of Public Health



Alameda County Health Department



Health and Human Services Department at the City of Berkeley

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