

# 2018 Annual Epidemiology and Laboratory Capacity (ELC) Workshop

**October 2-3, 2018**

**UT Commons Conference Center, Austin, TX**

## ***Plenary Session, Tuesday, October 2, 2018, 8:30AM-5PM***

<b>Begin Time</b>	<b>End Time</b>	<b>Topic</b>	<b>Speakers</b>
8:00AM	8:30AM	Registration	
8:30AM	8:45AM	Welcome	<i>Dr. Linda Gaul</i> , PhD, MPH, State Epidemiologist, Texas Department of State Health Services (DSHS)
8:45AM	9:00AM	State of the State- Notifiable Conditions	<i>Shawn Tupy</i> , DSHS Emerging Acute and Infectious Disease Branch (EAIDB) Branch Manager
9:00AM	9:30AM	Zoonotic Disease Epidemiology and Surveillance Updates	<i>Kelly Broussard</i> , MPH, Epidemiologist <i>Sepehr Arshadmansab</i> , MPH, Epidemiologist <i>Bonny Mayes</i> , MA, Epidemiologist DSHS Zoonosis Control Branch (ZCB)
9:30AM	10:00AM	Legionnaires Outbreak	<i>Elise Huebner</i> , MS, CPH, CIC, Epidemiologist, Williamson County & Cities Health District
10:00AM	10:15AM	Break	
10:15AM	10:45AM	<i>Vibrio</i> Infections in Texas, 2008-2017	<i>Irina Cody</i> , MPH, Epidemiologist, DSHS EAIDB
10:45AM	11:15AM	Ellis County Measles Outbreak, 2018	<i>Steven Pulvino</i> , MPH, CPH, CIC, Epidemiologist, DSHS Region 2/3
11:15AM	11:45AM	ESSENCE Overview	<i>Jyllisa Mabion</i> , MPH, Epidemiologist, DSHS RLHO Syndromic Surveillance
11:45AM	1:00PM	Lunch	
1:00PM	1:45PM	Powered by Purpose	<i>Scott Abel</i> , JD, Leadership & Innovation Manager, HHSC Learning Resource Network
1:45PM	2:45PM	Ebola Discussion: The Path from Possible Travel Associated PUI to Confirmed Positive Case	<i>Jeff Hoogheem</i> , Director, DSHS HEPRS <i>Rachael Straver</i> , DVM, MPH, Medical Research Specialist, DSHS EAIDB <i>Jennifer Shuford</i> , MD, MPH, Infectious Disease Medical Officer, DSHS LIDS Division <i>Grace Kubin</i> , PhD, Director, DSHS Laboratory Services Section
2:45PM	3:00PM	Break	
3:00PM	4:00PM	Hurricane Harvey Shelter Surveillance Overview  Harris County Public Health Department's Response to Hurricane Harvey	<i>Herminia Alva</i> , MPH, CPH, Disaster Epidemiologist, DSHS HEPRS  <i>Leanne Liu</i> , MD, MPH, Deputy Manager of Surveillance and Epidemiology, Harris County Public Health

Begin Time	End Time	Topic	Speakers
4:00PM	5:00PM	Lightning Session	
		Stronglyoidiasis Kidney Transplant Investigation	<i>Bobbiejean Garcia</i> , MPH, HAI Epidemiologist, DSHS EAIDB
		Tickborne Relapsing Fever Cluster in Travis County	<i>Anna Klioueva</i> , MPH, Epidemiologist, Austin Public Health
		A Tale of Two Norovirus Outbreaks: A University golf tournament in Travis County and a school sports banquet in Williamson County	<i>Laura Fox</i> , MPH, CPH, Epidemiologist, Austin Public Health <i>Christa Cook</i> , MPH, CIC, Epidemiologist, Williamson CCHD
		Imported Congenital Rubella Syndrome in Houston, TX	<i>Thomas Johnson</i> , Surveillance Investigator, Houston Health Department
5:00PM		Announcements/adjourn	

**UT Commons Conference Center Facility Map**



**Breakout Sessions, Wednesday, October 3, 2018, 8:30AM-5PM**

<b>Time</b>	<b>Balcones Room 1.108</b>	<b>Stadium Room 1.138</b>	<b>Longhorn Room 1.130</b>
8:30AM-10:00AM	Foodborne Illness Surveillance and Outbreak Investigations <i>Foodborne (FB) Team</i>	Response Plan for an Emerging Multidrug-Resistant Threat: A Simulation Activity <i>Hospital Acquired Infections (HAI) Team</i>	Excel Training for Epidemiologists  <i>Greg Leos, MPH, CPH, CIC</i>
10:00AM-10:15AM	Break		
10:15AM-11:45AM	Influenza 101: Flu Basics and Surveillance Systems and an Update on Other Invasive and Respiratory Infectious Diseases <i>Invasive Respiratory Infectious Diseases (IRID) Team</i>	Zoonotic Disease One-Health Investigations  <i>Zoonosis Control Branch</i>	Limited to pre-confirmed attendees (break as needed)
11:45AM-1:00PM	Lunch on your own- (cafe on site)		
1:00PM-2:45PM	VPD Potpourri <i>Vaccine Preventable Diseases (VPD) Team</i>	Infection Prevention for Epidemiologists  <i>HAI Team</i>	ESSENCE Syndromic Surveillance Training  <i>Jyllisa Mabion, MPH</i>
2:45PM-3:00PM	Break		
3:00PM-4:30PM	Foodborne, Respiratory, and Vaccine Preventable Disease Outbreak Scenarios  <i>FB, IRID, and VPD Team</i>	Vectorborne Zoonoses  <i>Zoonosis Control Branch</i>	Limited to pre-confirmed attendees (break as needed)
4:30PM-5:00PM	Epi Networking in Balcones Room 1.108		

## Breakout Sessions: Brief Course Descriptions

### Balcones Room 1.108

**Foodborne Illness Surveillance and Outbreak Investigations** (8:30AM-10:00AM): This session will provide an overview of Foodborne Illness Surveillance and Outbreak Investigation tools and best practices. The session will also highlight the epidemiology and recent trends of foodborne illness in Texas and provide updates on upcoming case definition changes, culture independent diagnostic tests (CIDTs), and whole genome sequencing (WGS).

**IRID Topic** (10:15AM-11:45AM): The Influenza 101: Flu Basics and Surveillance Systems presentation will cover flu virus basics and key terms, the rationale and goals of influenza surveillance, the components of influenza surveillance in Texas and nationally, influenza and influenza-like illness outbreaks, and surveillance and investigation tools and resources. There will also be a presentation on the epidemiology and trends of other invasive and respiratory infectious disease (IRID) conditions such as legionellosis, invasive group A Streptococcus, and invasive group B Streptococcus.

**VPD Potpourri** (1:00PM-2:45PM): Multiple VPD topics ranging from submitting specimens and interpreting lab results to investigating cases will be covered.

**Foodborne, Respiratory, and Vaccine Preventable Disease Outbreak Scenarios** (3:00PM-4:30PM): This session will provide a brief overview on Foodborne, Respiratory, and Vaccine Preventable Disease Outbreak Investigation tools. Attendees will be given scenarios that illustrate different steps of applied outbreak investigations.

### Stadium Room 1.138

**Response Plan for an Emerging Multidrug-Resistant Threat: A Simulation Activity** (8:30AM-10:00AM): Exploring response activities for an emerging multidrug-resistant threat identified by the Texas Antibiotic Resistance Laboratory Network (ARLN). Interactive tabletop exercise for epidemiology response to *Candida auris*.

**Zoonotic Disease One-Health Investigations** (10:15AM-11:45AM): Zoonosis Control Branch (ZCB) epidemiologists will provide an overview of zoonotic disease investigation incorporating the expanded One Health concept of pathogen-host-vector-environment. They will discuss the holistic investigation process based on the zoonotic disease reservoirs, vectors, and modes of transmission for selected zoonoses, including anthrax, brucellosis, Chagas disease, cysticercosis, and taeniasis. ZCB will review guidance, expectations, and requirements for zoonotic disease surveillance, investigation, and reporting.

**Infection Prevention for Epidemiologists** (1:00PM-2:45PM): Develop a better understanding of the role of an Infection Preventionist in a healthcare setting. The session will include an overview of the responsibilities of IP in healthcare settings, followed by a series of interactive case studies and time for Q&A.

**Vectorborne Zoonoses** (3:00PM-4:30PM): ZCB epidemiologists will provide guidance on testing recommendations, case classification, and investigation of vectorborne zoonoses, including Lyme disease, rickettsioses, and arboviral diseases. They will discuss the availability of testing through the public health laboratory system and the process for requesting special testing.

### Longhorn Room 1.130

**Excel Training for Epidemiologists** (8:30AM-11:45AM): The course will cover formulas, pivot tables, and charts commonly used in epi investigations and include quick tips.

**ESSENCE Syndromic Surveillance Training** (1:00PM-4:30PM): This course will offer hands on training on the analysis software known as ESSENCE (Electronic Surveillance System for the Early Notification of Community-based Epidemics). Syndromic surveillance allows for early detection of abnormal disease patterns that could result in high morbidity and mortality.