

# DSHS GRAND ROUNDS

## A Review of Emerging & Reemerging Mosquito Transmitted Diseases

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From the 17th century to present day, mosquito transmitted diseases in humans and animals are well documented in the United States. An example of the impact mosquito born disease have had on the history of public health is the fact that the US Health & Human Services Office of Malaria Control in War Areas evolved to what we know today as the Centers for Disease Control and Prevention (CDC). Because many mosquito-borne pathogens cause similar clinical signs, diagnostics can be challenging. The presence & abundance of competent vectors with adequate climate for pathogens places Texans at risk for various mosquito borne diseases. This presentation will review a brief history of mosquito-borne diseases, the vectors, pathogen types, clinical signs and symptoms, diagnostics, trends, prevention, surveillance, and risks of emerging pathogens.

### WHEN

**Wednesday, August 31, 2022**

**11:00 am – 12:30 pm**

### WHERE

**GoToWebinar**

#### Objectives:

- Summarize the history of mosquito transmitted diseases.
- Identify pathogens, common symptoms, and risks associated with specific mosquito species.
- Discuss surveillance activities and common prevention measures for mosquito transmitted diseases

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