

Wednesday, May 21, 2025	
7:45	Call to Order and Announcements Bonny Mayes, MA, E-RYT 200, Department of State Health Services, Austin, TX Pamela Wilson, DrCH, MEd, LVT, MCHES, Department of State Health Services, Austin, TX
8:00-10:00	Session I – Parasitic & Fungal Zoonoses Moderator: Amanda J. Kieffer, DVM, MPH, DACVPM
8:00	Heart Rate Variability Derangements in Dogs with Chagas Disease: A Potential Indicator of Autonomic and Cardiac Disruption Roy Madigan, DVM, United Veterinary Care, Spring Branch, TX
8:30	Neuroinflammatory Responses Induced by <i>Trypanosoma cruzi</i> in a Murine Model Mariel Búrquez-Escobedo, DVM, Baylor College of Medicine, Houston, TX
9:00	Natural Infections of Coccidioides in Captive Non-Human Primates: Pathological Findings, Zoonotic Implications, in an Endemic Region Henry Jegede, DVM, MVSc, Texas Biomedical Research Institute/Southwest National Primate Center, San Antonio, TX
9:30	Leishmaniasis in Texas: A Scoping Review Using a One Health Approach Morgan Jibowu, PhD, MPH, Baylor College of Medicine, Houston, TX
10:00	BREAK
10:30-12:00	Session II – Flea-Borne (Murine) Typhus Moderator: Ronald D. Tyler Jr., DVM, MS
10:30	Acute Cholecystitis in Murine Typhus: The Cholecystectomy That Was Not Meant to Be Nicolas A. Melgarejo, MD, FACP, FIDSA, San Antonio Infectious Diseases Consultants, San Antonio, TX
11:00	Fulminant Murine Typhus in a Pediatric Patient Franz Puyol, MD, University of Texas Health Science Center, San Antonio, TX
11:30	Characterizing Demographic Trends and Hospitalization Factors in Flea-Borne Typhus Patients in Southern Texas Zoie Fan, BSA & Thomas Tran, BSA, University of Texas Health Science Center, San Antonio, TX
12:00-1:30	LUNCH ON YOUR OWN
1:30-3:00	Session III – Tick-Borne Disease Moderator: Brent L. Moore, DVM, MS, MPH, DACVPM
1:30	Tick-Borne Relapsing Fever in the USA Gregory M. Anstead, MD, PhD, South Texas Veterans Healthcare System, San Antonio, TX
2:00	Spotted Fever Group Rickettsioses (SFGR) in South Texas Omar Garcia, BSN, CHW, City of Laredo Public Health Department, Laredo, TX
2:30	Exposure to a Spirochete-infected <i>Ornithodoros turicata</i> Collected from the Home of a Clinical Patient in Austin, Texas Job Lopez, PhD, Baylor College of Medicine, Houston, TX Bonny Mayes, MA, E-RYT 200, Department of State Health Services, Austin, TX
3:00	BREAK
3:30-5:30	Session IV – Surveillance Moderator: Sarah Murphy Gunter, PhD, MPH
3:30	Surveillance of Ticks in Harris County, Texas: Identifying Factors Influencing Tick Abundance Michelle Downey, MS, Harris County Public Health, Houston, TX
4:00	Neglected Tropical Diseases Surveillance in a Population of Mexican Americans in Starr County, Texas Megan Duffey, MD, Baylor College of Medicine, Houston, TX Shynitha Pulluri, Baylor University, Waco, TX
4:30	A Rare Fatal Case of West Nile Virus Reactivation in a Pediatric Patient with Acute Myeloid Leukemia, 2023 Kamesha Owens, MPH, Department of State Health Services, Austin, TX
5:00	Building Networks with Wildlife Rehabilitation Facilities: SARS-CoV-2 Surveillance and Assessment of Biosecurity Practices Hayley Yaglom, MS, MPH, Translational Genomics Research Institute, Flagstaff, AZ

Thursday, May 22, 2025	
7:55	Call to Order and Announcements
8:00-9:30	Session V – H5N1 Influenza Virus I Moderator: Cherissa Abdul Hamid, DVM, MPH
8:00	Highly Pathogenic Avian Influenza and Wildlife Sara Wyckoff, DVM, Texas Parks and Wildlife Department, Austin, TX
8:30	Navigating Academic-Industry-Public Health Partnerships for Emerging Infectious Disease Events, such as H5N1, in the US David Douphrate, PhD, MPT, MBA, CPE, CSP & Rebecca Fischer, PhD, MPH, DTM&H, Texas A&M University, College Station, TX
9:00	Public Health Response to Highly Pathogenic Avian Influenza A (H5N1) Virus Detection at a Zoological Park in Maricopa County, Arizona, November 2024 Melissa Kretschmer, MA, CVT, CIC, Maricopa County Department of Public Health, Phoenix, AZ
9:30	BREAK
10:00-11:30	Session VI – H5N1 Influenza Virus II Moderator: Annajane (Aj) Marlar, DVM, MRCVS, DACVO
10:00	Shedding of Influenza A Virus in Dairy Cattle Jason Lombard, DVM, MS, Colorado State University, Fort Collins, CO
10:30	Occupational Task Exposures Associated with Seropositivity of Highly Pathogenic Avian Influenza A (H5N1) Anabel Rodriguez, PhD, MPH & Loni Taylor, DVM, PhD, MPH, Texas A&M University, College Station, TX
11:00	Dairy H5N1: Insights from an Early Detection Study of Dairy Herds in California Chloe Stenkamp-Strahm, DVM, PhD, Colorado State University, Fort Collins, CO
11:30-1:00	LUNCH ON YOUR OWN
1:00-2:30	Session VII – Arboviral Diseases Moderator: David Smonko, DVM
1:00	Developing a Cross-Protective Flavivirus mRNA Vaccine Jennifer Clinton, PhD, Baylor College of Medicine, Houston, TX
1:30	Arbovirus-Associated Hospitalizations in Texas, 2008-2023 (DSHS Public Usage Data File) Brian Reiber, BS, Texas A&M University, College Station, TX
2:00	A Curious Case of West Nile Virus: Donor-Derived or Vector-borne? Mattalin Vojacek, MPH, CIC, Brazoria County Health Department, Angleton, TX
2:30	BREAK
2:45-3:45	Scientific Poster Session Desserts Served
4:00-5:00	J.V. Irons Keynote Lecture Moderator: Bonny Mayes, MA, E-RYT 200
4:00-5:00	From Bog to Bedside: How Phage Therapy is being Revitalized to Treat Multi-Drug Resistant Bacterial Infections Steffanie Strathdee, PhD, UC San Diego, La Jolla, CA
5:00-6:30	J.V. Irons Reception Light Hors d'oeuvres & Drinks Served

Friday, May 23, 2025	
8:25	Call to Order and Announcements
8:30-10:00	Session VIII – Bacterial Zoonoses Moderator: Brendan Sullivan, DVM, MPH
8:30	Brucellosis in the Lone Star State: Insights into Hospital-Associated Cases, 2006–2021 Andrew Lam, MPH, Texas A&M University School of Public Health, College Station, TX
9:00	Fort Bend County Response to Low-risk Occupational Exposure to <i>Burkholderia pseudomallei</i> Bacteria Catalina Lozano, Fort Bend County, Rosenberg, TX (Jesus-Aldana Barron, BS, Fort Bend County, Rosenberg, TX – backup presenter)
9:30	Sporadic Tularemia Occurrence in Tennessee, 2014—2024: Illness Characteristics, Reported Exposures, and Investigation Timeliness Kaitlin Thompson, BS, Tennessee Department of Health, Nashville, TN
10:00	BREAK
10:30-12:30	Session IX – Viral Zoonoses Moderator: Pamela Wilson, DrCH, MEd, LVT, MCHES
10:30	From Sample to Result: The DoD FADL's Approach to Rabies Testing - Challenges, Solutions, and Best Practices Robert Fathke, DVM, PhD, MS, MPH, DACVPM & Kamarin Janelle Aragon, U.S. Army Department of Defense, San Antonio, TX
11:00	Inter-Species Infection and Food Supply Risk Identification in the Setting of Suspected Cutaneous Anthrax, Secondary to Palmar Penetration by Bone and Inoculation with Contaminated Goat Meat in a Dallas County Food Handler Gabriela Calvi, MPH, CHW, Texas Department of State Health Services, Austin, TX
11:30	Encephalomyocarditis Virus: A Rodent-Borne Zoonosis with Non-Human Primate and Public Health Implications Olga Gonzalez, DVM, DACVP, Texas Biomedical Research Institute, San Antonio, TX
12:00	Evaluating Preventative Measures for the Zoonotic Transmission of Swine Influenza A Variant at Agricultural Fairs in the United States: A Mathematical Modeling Study Dana Pittman Ratterree, MPH, Texas A&M University, College Station, TX
12:30	ADJOURN

Back-up Presentations:

A Cohort-Based Analysis of Flea-Borne Typhus: Correlating Risk Factors at the Census Tract Level in San Antonio, Texas
Zoie Fan, BSA, and Thomas Tran, BSA, University of Texas Health Science Center, San Antonio, TX

Indigenous Leishmaniasis in Texas, 2007-2022
Bonny Mayes, MA, E-RYT 200, Department of State Health Services, Austin, TX