



2023 ANNUAL MEETING OF THE NORTHEAST REGIONAL CENTER FOR EXCELLENCE IN VECTOR-BORNE DISEASES

Friday, 21 April 2023

Connecticut Agricultural Experiment Station, New Haven, Connecticut

7:30 am	Arrival and Registration, with Breakfast Refreshments
8:30 am	Greetings and Event Introduction Jason White (Connecticut Agricultural Experiment Station), Laura Harrington (Cornell University)
8:40 am	Updates from CDC Division of Vector-Borne Diseases Joan Kenney (CDC-DVBD)
8:55 am	Review of NEVBD Program Objectives and Outcomes Laura Harrington (Cornell University)
9:10 am	Outcomes of the Novel Master of Science in Entomology: Vector-Borne Disease Biology Training Program Emily Mader (Cornell University)
<u>Mosquito Biology, Behavior, & Arbovirus Transmission</u>	
9:25 am	<i>Uranotaenia sapphorina</i> Feeding Patterns in the Northeastern US John Shepard (Connecticut Agricultural Experiment Station)
9:35 am	Lessons Learned from West Nile Virus Modeling Alexander 'Sasha' Keyel (New York State Department of Health)
9:55 am	BREAK
10:05 am	Mosquito Population and Arbovirus Synchrony in Connecticut J.R. McMillan (Texas Tech University / Connecticut Agricultural Experiment Station)
10:25 am	Jamestown Canyon Virus Ecology in New Hampshire Joseph Poggi (Yale University / Cornell University)
<u>Tick Biology, Behavior, & Pathogen Transmission</u>	
10:35 am	Emerging Tickborne Viruses in New York State Alexander Ciota (New York State Department of Health)
10:55 am	Ticks on Mammals Dina Fonseca (Rutgers University)
11:15 am	Evidence of <i>Babesia microti</i> and <i>Borrelia burgdorferi</i> Infection and Co-infection and Partial Blood Feeding in <i>Haemaphysalis longicornis</i> Keith Price (Pennsylvania Department of Environmental Protection)
11:25 am	<i>Anaplasma phagocytophilum</i> Genetic Variants in New York State Melissa Prusinski (New York State Department of Health)
11:35 am	Prevalence and Distribution of Emerging <i>Ixodes scapularis</i>-borne human pathogens in Rhode Island Nelle Couret (University of Rhode Island)
11:45 am	LUNCH

1:00 pm	Modelling the Effects of Host Community Composition and Land Use on the <i>Borrelia burgdorferi</i> Enzootic Cycle at the Natural-Urban Interface Jonathan Bastard (Columbia University)
1:10 pm	<i>Borrelia miyamotoi</i> and Coinfections in Host-Seeking Ticks Colin O'Connor (New York State Department of Health)
1:20 pm	Piroplasms in New Jersey Ticks Heidi Herb (Rutgers University)
1:30 pm	<i>Title Pending</i> Vincenzo Ellis (University of Delaware)
1:50 pm	Tickborne Hazards: Patterns and Perceptions Across an Urbanized Gradient Marie Lilly (Columbia University)
<u>Community Engagement in Vector-Borne Disease Prevention</u>	
2:00 pm	Socio-Ecological Determinants of Lyme Disease Risk: Insights from the TickApp and KAP Surveys Across Levels of Endemicity Maria Diuk-Wasser (Columbia University)
2:30 pm	BREAK
2:40 pm	Long Island Tickborne Disease Knowledge, Attitudes, and Practices Mervin Cuadera (New Jersey Department of Health / Cornell University)
3:00 pm	New York State Tick Blitz: Updates from 2022 Aine Lehane (Cornell University)
<u>Vector Control</u>	
3:10 pm	Phenology and Control of the Asian Longhorned Tick Alvaro Toledo (Rutgers University)
3:20 pm	NEVBD Pesticide Resistance Monitoring Program Lindsay Baxter (Cornell University)
3:40 pm	Evaluation of Control Interventions Against <i>Ixodes scapularis</i> Scott Williams (Connecticut Agricultural Experiment Station)
4:00 pm	Project ITCH: Is Tick Control Helping? Andrew Lover (University of Massachusetts Amherst)
4:10 pm	BREAK
<u>Future Directions</u>	
4:20 pm	Training and Evaluation: NEVBD Proposal Vision Laura Harrington (Cornell University)
4:40 pm	Town Hall Discussion: Areas for Collaboration
5:00 pm	Meeting Adjourn