



## 2022 Annual Meeting of the Northeast Regional Center for Excellence in Vector-Borne Diseases

### MONDAY MARCH 7, 2022

1:00pm	Welcome Remarks and Meeting Orientation	Laura Harrington / Emily Mader <i>Cornell University / NEVBD</i>
1:10pm	Update on Emerging Ticks and Tick-Borne Diseases in the Northeast	Eliza Little <i>Connecticut Department of Health / CAES</i>
1:30pm	Mosquito Population Synchrony in Connecticut [tentative title]	JR McMillan <i>Texas Tech University / CAES</i>
1:50pm	Population Genetics of an Invasive Mosquito Vector: <i>Aedes albopictus</i> in the Northeastern USA	Andrea Gloria-Soria <i>Connecticut Agricultural Experiment Station</i>
2:10pm	Spatiotemporal Analysis of <i>A. phagocytophilum</i> Genotypes in New York State	Collin O'Connor <i>New York State Department of Health</i>
2:30pm	Bots vs. Clones: Preliminary Results in Tick Control [tentative title]	Dina Fonseca <i>Rutgers University</i>
2:50pm	BREAK	
3:00pm	Monitoring the Emergence of Novel Tick Species and Pathogens in New York State	Nicole Foley <i>Cornell University</i>
3:20pm	Investigation of the Ecology of Jamestown Canyon Virus	Joseph Poggi <i>Cornell University</i>
3:40pm	Null Models as a Baseline for Predicting Vector-Borne Diseases	Alexander 'Sasha' Keyel <i>New York State Dept. of Health / SUNY Albany</i>
4:00pm	Using Physiological Condition to Understand the Bionomics of the Asian Longhorned Tick	Matt Bickerton <i>Rutgers University</i>
4:20pm	Emergence of Heartland and Bourbon Viruses in New York State	Melissa Prusinski / Alan Dupuis <i>New York State Department of Health</i>
4:40pm	Closing Remarks	Laura Harrington <i>Cornell University</i>
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### TUESDAY MARCH 8, 2022

8:30am	Welcome Remarks and 2022 Programming Updates	Laura Harrington / Emily Mader <i>Cornell University / NEVBD</i>
8:35am	Assessing Host Blood Feeding Patterns Among EEEv Bridge Vectors Near the Great Dismal Swamp, Virginia	Jamie Mangan <i>Cornell University</i>
8:55am	Who's Eating the Asian Longhorned Tick?	Julia Brennan <i>Rutgers University</i>
9:15am	Tick-Borne Pathogen Spillover Risk into New York City Yards	Nichar Gregory / Michaela Mincone <i>Columbia University</i>
9:35am	The Tick App as a Tool for Determining Local Travel History and Habitat Exposure	Pallavi Kache <i>Columbia University</i>
9:50am	BREAK	
10:00am	Evaluation of Collection Methods and Human-Chagas Vector Associations at Big Bend National Park, Texas	Antonio Alvarado <i>Cornell University</i>
10:20am	NEVBD Pesticide Resistance Monitoring Program Update	Lindsay Baxter <i>Cornell University</i>
10:40am	Exploring the Socio-Ecological Interactions of Tick-Borne Diseases Using Agent-Based Models	Pilar Fernandez <i>Washington State University / Columbia University</i>



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11:00am	Updates from the CDC Division of Vector-Borne Diseases	Jeff Borchert <i>CDC-DVBD</i>
11:15am	Modeling Climate-Driven Tick Population Dynamics and Control	Daniel Ruiz-Carrascal <i>Columbia University</i>
11:35am	The Role of Urban Wildlife in Tick and Tick-Borne Pathogen Ecology in Urban Forests	Meredith VanAcker <i>Columbia University</i>
11:55am	Closing Remarks	Laura Harrington <i>Cornell University</i>
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*This virtual conference will be held via Zoom Meeting. All individuals interested in attending can register by visiting:*  
[https://cornell.zoom.us/meeting/register/tJMdeippjopGtathyAwhBPMVkv6f\\_HqrA--](https://cornell.zoom.us/meeting/register/tJMdeippjopGtathyAwhBPMVkv6f_HqrA--)