

10TH ANNUAL CORNELL ENTOMOLOGY SYMPOSIUM

February 5th, 2021

Hosted via ZOOM, Cornell University

Time	Presenter	Title
9:00		Opening Remarks
9:05	Margarita López-Urbe <i>Invited Faculty speaker</i>	The role of crop domestication on the ecology and evolution of plant-pollinator interactions
10:00		Break
10:15	Diana Obregon	Interactive effects of the secondary metabolite chlorogenic acid and the insecticide thiamethoxan on bumble bee microcolonies.
10:30	Daiana De Souza	Effects of the fungicide captan and insecticide thiamethoxam on honey bee (<i>Apis mellifera</i> L.) larval development and colony survival
10:45	Leland Graber	Identifying the role of elevation, geography, and species identity in turtle ant (<i>Cephalotes</i>) microbiomes
11:00	Mervin Cuaderna	Knowledge, attitudes, and practices regarding tick-borne diseases in Long Island, NY
11:15	Kate Thornburg	Evaluation of Local Tick Populations and Optimization of Tick Surveillance Protocols for Mashomack Nature Preserve on Shelter Island, NY.
11:30		Lunch Break
12:30	Nicole Foley	Distribution and Ecological Associations of <i>Borrelia miyamotoi</i> in New York State & Hudson Valley Tick Blitz
12:45	Cierra Briggs	Mosquito diversity, host feeding patterns, and arboviral risks at the Nashville Zoo
1:00	Lindsay Baxter	Investigation of Powassan Virus Foci in Maine
1:15	Bretta Hixson	Navigating mosquito gut regionalization, blood-meal digestion, evolution, and immunity with a transcriptomic atlas of <i>Aedes aegypti</i>
1:30		Break
1:45	Morgan Swoboda	The impact of <i>Metarhizium anisopliae</i> seed treatments on turf establishment and herbivory in tall fescue and Kentucky bluegrass
2:00	Hayden Bock	Spatial constraints shaping soil mesofauna diversity in urban grasslands
2:15	Radhika Ravikumar	Exploring the role of injury in infection response and outcomes in <i>Drosophila melanogaster</i>
2:30	Rey Cotto	Elucidating a mechanism of Bt resistance associated with two midgut proteins (ABCC2 and APN1) in the cabbage looper, <i>Trichoplusia ni</i>
2:45	Scott McArt	Pesticide risk to bees in organic vs. conventional strawberry production