



THANK YOU TO OUR GENEROUS SPONSORS



SEE YOU NEXT YEAR!



68TH ANNUAL MEETING

November 17-18, 2022

Northbrook, IL

IMVCA Board Members

- *Chris Stone, President*
- *April Holmes, Vice President*
- *Sharon Verzal, Past-President*
- *Jack Swanson, Treasurer*
- *Holly Tuten, Secretary and Website Manager*
- *Nels Howard, Trustee Representative*
- *Kathryn Nelson, Executive Board Member*
- *Samantha Kerr, Executive Board Member*
- *Richard Lampman, Advisor to the Executive Board*
- *Mark Clifton, Advisor to the Executive Board*
- *Justin Harbison, Advisor to the Executive Board*
- *Jason Probus, Advisor to the Executive Board*

Thursday, November 17, 2022

- 10:00-11:55 **Student Competition -- Awards Courtesy of Catchmaster**
Henry Lawicki Student/Intern Competition Introduction
- 10:15-10:30 **Molly Sue Hilgendorf, MCE-VBD Research Fellow**
The Urban Drip Project
- 10:30-10:45 **Derek McFarland, UIUC**
Tick-Borne Disease in a Dynamic Landscape: Does Exposure Risk Change Over Time?
- 10:45-11:00 **Maria Munoz, UIUC**
Investigating potential northward expansion of epizootic hemorrhagic disease due to climate change
- 11:00-11:15 **Becky Cloud, UIUC**
Evaluating Vector Mosquito Occurrence in Residential Rain Barrels in Central IL
- 11:15-11:30 **Kristina Lopez, UW-Madison**
Insecticide resistance status of West Nile virus vectors in the Chicago suburbs
- 11:30-11:45 **Kylee Noel, UIUC**
Mechanistic Evidence of Widespread Insecticide Resistance among Illinois West Nile Virus Vectors
- 12:00-1:00 Lunch -- Courtesy Azelis A&ES and Valent BioSciences**
- 1:00-1:05 **President's Welcome – Chris Stone, PhD, INHS-UIUC**
- 1:05-1:25 **Samantha Kerr, MS, Vector Surveillance and Control Manager, IDPH**
Arbovirus and Tickborne Disease Activity in Illinois, 2022 Update
- 1:25-1:45 **Mitch Oswald, Wildlife Disease Biologist, USDA-Wildlife Services**
Avian Influenza- A Year in Review
- 1:45-1:55 **Alexandra Gagner, MPH, Chicago Department of Public Health**
New Mosquito on the Block: Tracking the Emergence of Aedes Albopictus in Chicago, 2016-2022
- 1:55-2:05 **Chicago Department of Public Health/VDCI**
2022 Summary of WNV Activity in Chicago
- 2:05-2:25 **Teresa Steckler, PhD, University of Illinois Extension**
Invasive plants as risk factors for tickborne disease in humans and livestock
- 2:25-2:45 **Jason Probus, MA, Director, Macon MAD**
Tire Collection 101: A Multiagency Endeavor
- 2:45-3:05 **Kristen Healy, President-Elect of AMCA**
- 3:05-3:20 Afternoon Break –Courtesy of Zoecon**
- 3:20-3:40 **Kristen Healy, PhD, Louisiana State University**
Can mosquito control impact fireflies?
- 3:40-4:00 **Connie Austin, DVM, MPH, PhD, State PH Veterinarian, IDPH (virtual)**
Bats, Birds and Dogs. Oh my!

- 4:00- 4:20 **Sam Davis, West Chicago Regional Office, IDPH**
Tips and Trick to Catch Mosquitoes
- 4:20-4:55 **Department Reports**
- 4:55-5:00 **Closing Remarks, Announcements**
- 5:00-5:45 **Business Meeting**
- 6:00-7:00 Hospitality Hour – Courtesy of Clarke**
- 7:00-8:50 Banquet—Courtesy of IMVCA**
- 8:50-9:00 Charity Raffle—Courtesy of Vesperis**
Door Prizes—Courtesy of IMVCA

Friday, November 18, 2022

- 6:30-8:20 Breakfast—Courtesy of IMVCA**
- 8:25-8:30 **Incoming President's Welcome**
- 8:30-8:50 **Ellen Santos, PhD, Southern Illinois University, Edwardsville**
Kissing Bug Distribution and T. cruzi prevalence in Illinois: How far north do they go?
- 8:50-9:10 **Madeline Norris, Director of Governmental Relations, The Roosevelt Group**
- 9:10-9:30 **Katie Westby, PhD, Tyson Research Center**
Broad scale population differences in response to hot and dry conditions in the tiger mosquito: Implications for climate adaptation
- 9:30-9:50 **Chris Stone, PhD, Director of INHS Medical Entomology Laboratory**
Diversity of mosquitoes, arboviruses, and feeding patterns in Illinois
- 9:50-10:10 Mid-Morning Break – Courtesy of Target**
- 10:10-10:40 **Cathy Santanello, PhD, Southern Illinois University, Edwardsville**
Presence of Rickettsial Pathogens and Antifreeze Glycoproteins in Tick Vectors in the Midwestern United States
- 10:40-11:00 **Lee Green, Senior Medical Entomologist Indiana-DPH**
EEE Response & Arbovirus Activity in Indiana, 2022 Update
- 11:00-11:20 **David Claborn, DrPH, CDR USN (ret.), Missouri State University (virtual)**
The Asian Long-horned Tick and its Potential Risk to Public Health in the Mid-West
- 11:20-11:50 **Kristy Burkhalter, Division of Vector-Borne Diseases, CDC (virtual)**
Review of options and resources for arbovirus testing in mosquito pools
- 11:50 Adjournment**
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