PROGRAM

72nd Annual Meeting
Northeastern Mosquito Control Association
December 6 – 9, 2026
Hilton Mystic
Mystic, CT

Sunday, December 6, 2026

3:00 PM-7:00 PM	**Exhibitor Set-up**	Clipper Ballroom
5:30 PM	**Audit Committee Meeting**	Soundings
6:00 PM	**Executive Board Meeting**	Soundings

Monday, December 7, 2026

8:00 AM	**Registration Table Open**	Lobby Foyer
	Exhibitor Set-up / Booths Open	Clipper Ballroom

First Session
Moderator: Ellen Bidlack — Schooner Ballroom

9:00 AM **Welcome Address**
Lynn Sosa, Connecticut Department of Public Health

9:15 AM **Presidential Address**
Ellen Bidlack, NMCA President

9:25 AM **AMCA Update**
Priscilla Matton, AMCA North Atlantic Regional Director

9:35 AM **Northeastern Mosquito Control Association Education and Outreach Programs**
Gabrielle Sakolsky, Cape Cod Mosquito Control Project

9:45 AM **State of Maine Update, 2026**
Charles Lubelczyk, Sara Robinson, Haris Sohail, Hillary Peterson, MaineHealth Institute for Research, Maine Centers for Disease Control, and Maine Dept of Agriculture, Conservation, and Forestry (*recorded*)

10:00 AM **Coffee Break** — Clipper Ballroom

Second Session
Moderator: Gabrielle Sakolsky — Schooner Ballroom

10:25 AM **Pennsylvania State Report**

Dave Hurley, PA Department of Environmental Protection (*recorded*)

10:40 AM **New Jersey State Report, 2026**
Autumn Angelus and Scott Crans, NJ Office of Mosquito Control Coordination, NJDEP

11:00 AM **Arbovirus Activity in Connecticut, 2026**
John Shepard, Tanya Petruff, Michael Misencik, Angela Bransfield, Andrea Gloria-Soria, and Philip Armstrong, The CT Agricultural Experiment Station

11:15 AM **Rhode Island State Report**
Janelle Couret and Domingo Lora Medina, RI Deptartment of Environmental Management, Mosquito Office

11:30 AM **New Hampshire State Report, 2026**
Justin Adams, Northeast Vegetation and Mosquito Control

11:45 AM **2026 New York State Arbovirus Surveillance Update**
Lindsay Tomaszek[1], Elyse Banker[1], Valeri Schwartz[2], Joseph Maffei[1], Jennifer White[2], Alan Dupuis[1], and Alexander Ciota[1], [1]Wadsworth Center, [2]Bureau of Communicable Disease Control, NYS Department of Health

12:00 PM **Lunch** *(on your own)*

Third Session
Moderator: Priscilla Matton Schooner Ballroom

1:30 PM **Massachusetts State Report, 2026**
Matthew Osborne, MA Department of Public Health

1:50 PM **2026 Arbovirus Surveillance in Vermont**
Patti Casey and Eliza Doncaster, Vermont Agency of Agriculture Food and Markets, Environmental Surveillance Program

2:10 PM **NJ State Mosquito Control Commission State Aid Programs, Events and Support**
Scott C. Crans, NJ Office of Mosquito Control Coordination, NJDEP

2:25 PM **Why You Need to Consider the Microbiome When It Comes to Insecticide Resistance**
Blaire Steven, Jacquelyn LaReau, and Doug Brackney, The CT Agricultural Experiment Station

2:45 PM **A Field Test of the Effectiveness of Beta-Cyfluthrin to Control *Ixodes scapularis* (Acari: Ixodidae) in Residential Landscapes**
Michael Galli[1], Allison Gardner[1], Elissa Ballman[1], Andrew Lover[2], and Neeta Connally[3],[1]University of Maine, [2]University of Massachusetts-Amherst, [3]Western CT State University

3:00 PM **Coffee Break** Clipper Ballroom

Fourth Session
Moderator: Christopher Horton Schooner Ballroom

3:30 PM **Expanding Our Reach: Two-Year Review of Tick Initiatives and Mobile Education Delivery**
Gerard Porcella and Teresa Duckworth, Morris County Mosquito Control

3:45 PM **Quantifying Fine-Scale Vegetation Associated with *Ixodes scapularis* Density to Inform Public Health Programming, Western Massachusetts**
Veronica Bobskill[1], James Tsalah[1], Johanna Ravenhurst[1], Kristen A. Ross[2], Allison M. Gardner[3], William J. Landesman[4], and Andrew A. Lover[1], New England Center of Excellence in Vector-Diseases (NEWVEC), [1]University of Massachusetts- Amherst, [2] Vermont State University-Castleton, [3]University of Maine, [4]Vermont State University-Johnson

4:05 PM **Updated Catalog of New Jersey *Culicoides* (Diptera: Ceratopogonidae)**
Stephanie Zapata and Dana Price**,** Rutgers University - Center for Vector Biology

4:25 PM **Updates from the VectorED Network: Successes and Impacts**
Drew Lysaker and Erika Machtinger, Penn State Extension, the Pennsylvania State University, VectorED Network

4:45 PM **Optimizing High Molecular Weight DNA Extraction from Individual *Ixodes scapularis* for Long-Read Pathogen Genome Assembly**
Jesse Matijevic[1], Safia Benbrahim[1], Lorelei Sandland[2], Goudarz Molaei[2], and Paul Wolujewicz[1], [1]Quinnipiac University, [2]The CT Agricultural Experiment Station

5:20 PM **NMCA Business Meeting** Schooner Ballroom

6:30 PM **President's Reception** Cutter
NMCA Scholarships and Awards Presentation

Tuesday, December 8, 2026

8:00 AM **Registration Table Open** Lobby Foyer

Exhibit Booths Open Clipper Ballroom

Fifth Session
Moderator: Tanya Petruff Schooner Ballroom

9:00 AM **Aerial Larvicide Application of the Great Marsh**
Victoria Ambrifi MacLean, Northeast Massachusetts Mosquito Control and Wetland Management District

9:20 AM **Updates from the NEVBD**
Laura Harrington, Cornell University, NEVBD

9:40 AM **AMCA Update**
Dan Markowski, American Mosquito Control Association

10:00 AM **Coffee Break** Clipper Ballroom

Sixth Session
Moderator: John Shepard Schooner Ballroom

10:30 AM **Vectors Without Borders: Public Health Challenges Driven by the Anthropogenic Transport of Exotic Ticks**
Lorelei Sandland and Goudarz Molaei, The CT Agricultural Experiment Station

10:45 AM **Tracking *Aedes aegypti* Populations by Molecular Methods**
Andrea Gloria-Soria, The CT Agricultural Experiment Station

11:00 AM **Citizen Science for Surveillance of Invasive *Aedes* in Connecticut**
Victoria McDermot, Jack Brophy, Tanya Petruff, John Shepard, and Andrea Gloria-Soria, The CT Agricultural Experiment Station

11:15 AM **A "Phytoscreen" Identifies a Deterrent of Flies and Mosquitoes**
Shimaa Ebrahim[1], GaelleTalross[1], Hany Dweck[2], John Shepard[2], and John Calrson[1], [1]Yale University, [2]The CT Agricultural Experiment Station

11:30 AM **Debug: Expanding *Wolbachia* Techniques to Control Mosquito-borne Disease**
Jacob Crawford, Debug, Google LLC

12:00 PM **William Zawicki Memorial Vendors Luncheon**
Schooner Ballroom

Seventh Session
Moderator: Roger Wolfe Schooner Ballroom

1:30 PM **Fall Applications of Acaricides for Control of *Ixodes scapularis***
Megan Linske, Scott Williams, Jessica Brown, and Natalie Bailey, The CT Agricultural Experiment Station

1:50 PM **Mosquito Xenosurveillance to Elucidate the Eco-epidemiology of EEE virus**
Philip Armstong, Jonathan Karisa, Doug Brackney, and Goudarz Molaei, The CT Agricultural Experiment Station

2:10 PM **Population Genetic Analysis of Blood-Fed *Culex pipiens* Complex Mosquitoes and Evidence of *Culex quinquefasciatus* in Virginia, USA**
Kristen Rosamond[1], Noelle Khalil[1], Lorelei Sandland[1], Charles Abadam[2], Karen Akaratovic[2], Jay Kiser[2], Kiara Mejia[3], Rachael Pellegrini[4], Skylar Arent[4], Andrea Gloria-Soria[1], and Goudarz Molaei[1,5], [1]The CT Agricultural Experiment Station, [2]City of Suffolk (VA) Mosquito Control, [3]Quinnipiac University, [4]Albertus Magnus College, [5]Yale University

2:25 PM **Insecticide Resistance Monitoring in the Northeast: 2026 Season Results from the NEVBD Program**
Lindsay Baxter, Cornell University, NEVBD

2:40 PM **Target and Non-target Wildlife Use of Experimental Acaricide Bait Boxes**
Jessica Brown, Natalie Bailey, Megan Linske, and Scott Williams The CT Agricultural Experiment Station

3:00 PM **Coffee Break** Clipper Ballroom

Eighth Session
Moderator: Tadhgh Rainey Schooner Ballroom

3:30PM ***Wolbachia* Restricts Midgut DENV-2 Spread Via a Cell Non-Autonomous Mechanism**
Godfrey Nattoh, Philip Armstrong, and Doug Brackney, The CT Agricultural Experiment Station

3:50 PM **Ten Years of Tire Recycling in Plymouth County**
Stephanie Dugan-Stiles, Plymouth County Mosquito Control Project

4:05 PM **Where Might Reported WNV-Positive Mosquito Detections Occur in Massachusetts?**
Vanchy Li, Clark University, 2025 Jobbins Scholarship Recipient

4:25 PM **Field Evaluation of Mosquito Larvicide Treatments: Methoprene and Inhibition of Emergence (IoE) testing**
Dan Killingsworth, Central Life Science

6:30 PM **Silent Auction** Foyer & Clipper Ballroom
Pre-Banquet Reception

7:30 PM **NMCA Banquet** (*ticket required*) Schooner Ballroom

Wednesday, December 9, 2026

8:30 AM **Registration Table Open** Lobby Foyer

Exhibit Booths Open Clipper Ballroom

Ninth Session
Moderator: John Shepard Schooner Ballroom

9:00 AM **Workshop: Communicating with the Public About Pesticides: Practical Strategies for Professionals on the "Front Lines"**
Johanna Ravenhurst[1], Dan Wixted[2], Stephanie Dugan-Stiles[#], and Andrew A. Lover[1], [1]University of Massachusetts-Amherst, NEWVEC, [2]Cornell University (retired), [3]Plymouth County Mosquito Control District

10:00 AM **Coffee Break** Clipper Ballroom

Tenth Session
Moderator: Todd Duval Schooner Ballroom

10:30 AM **Spotted Lanternfly Biology and Control**
Jacob Ricker, The CT Agricultural Experiment Station

11:00 AM **Optimizing Field Sampling Schedules for Stable Estimates of *Ixodes scapularis* and *Ambloymma americanum* Nymphal Densities**
Johanna Ravenhurst and Andrew A. Lover, University of Massachusetts-Amherst, NEWVEC

11:15 AM **2026 Mosquito Season at CMMCP; *albopictus*, New Species, and summary**
Daniel Cole, Central Massachusetts Mosquito Control Project

11:30 AM **Factors that Influence Adult Mosquito Trap Collections**
Doug Bidlack, East Middlesex Mosquito Control Project

11:50 AM **Closing Remarks**
John Shepard, NMCA