

PROGRAM
 70th Annual Meeting
 Northeastern Mosquito Control Association
 December 8–11, 2024
 Hotel 1620
 Plymouth, MA

Sunday, December 8, 2024

3:00 PM-7:00 PM	Exhibitor Set-up	Atlantic Rm
4:00 PM-5:30 PM	Conference Prep	
5:30 PM	Audit Committee Meeting	Manomet Rm
6:00 PM	Executive Board Meeting	Manomet Rm

Monday, December 9, 2024

8:00 AM	Registration Table	Lobby Foyer
	Exhibitor Set-up/Booths Open	Atlantic Rm
First Session	Moderator: Charles Lubelczyk	Halifax Rm
9:00 AM	Welcome Address – <u>Michelle Bratti</u> , Plymouth Commissioner of Health and Human Services	
9:20 AM	Presidential Address – <u>Charles Lubelczyk</u> , NMCA President	
9:30 AM	AMCA Update – <u>Priscilla Matton</u> , AMCA North Atlantic Region Director	
9:45 AM	State of Maine Update, 2024 – <u>Charles Lubelczyk</u> , Sara Robinson, Haris Sohail and Hillary Peterson, MaineHealth Institute for Research, Maine Centers for Disease Control and Maine Department of Agriculture Conservation and Forestry	
10:00 AM	Coffee Break	Atlantic Rm
Second Session	Moderator: Ellen Bidlack	Halifax Rm
10:30 AM	2024 New York State Arbovirus Surveillance Update – <u>Alan Dupuis II</u> , Elyse Banker, Lindsay Tomaszek, Joseph Maffei, Nick Piedmonte, Jenn White, Alexander Ciota, New York State Dept of Health, video	
10:45 AM	Arbovirus Activity in Connecticut, 2024 – <u>John Shepard</u> , Tanya Petruff, Michael Misecncik, Angela Bransfield, Andrea Gloria-Soria, and Philip Armstrong, The Connecticut Agricultural Experiment Station	
11:00 AM	New Jersey 2024 Season Recap – <u>Autumn Angelus</u> and Scott Crans, NJ Office of Mosquito Control Coordination	

11:15 AM	Rhode Island State Report – <u>Hailee Rice</u> , RI Dept of Environmental Management, Mosquito Office	
11:30 AM	Pennsylvania State Report – <u>Maddie Metzger</u> , PA Dept of Environmental Protection, video	
11:45 AM	New Hampshire State Report – <i>TBD</i>	
12:00 PM	Lunch (on your own)	
Third Session	Moderator: Patti Casey	Halifax Rm
1:30 PM	Massachusetts Arbovirus Season 2024 <u>Matthew Osborne</u> – MA Dept of Public Health	
1:50 PM	2024 Arbovirus Surveillance in Vermont – <u>Patti Casey</u> and <u>Eliza Doncaster</u> , Vermont Agency of Agriculture, Food and Markets Environmental Surveillance Program	
2:10 PM	Updates from NEVBD-TEC – <u>Laura Harrington</u> , Dept of Entomology, Cornell University	
2:25 PM	Monitoring and Addressing the Challenge of Mosquito Resistance in the Northeast and MidAtlantic Regions – Lindsay Baxter, Aine Lehane, Elisabeth Martin, Veronica Fell, and <u>Laura C. Harrington</u> , Dept of Entomology, Cornell University	
2:40 PM	Restoring Salt Marsh and Migration Corridors and Reducing Mosquito Breeding Habitat Through NRCS's Wetlands Reserve Program – <u>Wenley Ferguson</u> and Al Gettman, Save the Bay and RI Dept of Environmental Management	
3:00 PM	Coffee Break	Atlantic Rm
Fourth Session	Moderator: Dave Lawson	Halifax Rm
3:30 PM-5:00 PM	Workshop: How to Utilize Open Source GIS – <u>Andrew Lover</u> , University of Massachusetts Please bring a laptop and download software beforehand www.qgis.org/download/	
5:00 PM	NMCA Business Meeting	Halifax Rm
6:30 PM	President's Reception NMCA Scholarships and Awards	Atlantic Rm

Tuesday, December 10, 2024

7:30 AM	Young Professionals Sponsored Breakfast – invitation only	Plympton Rm
8:00 AM	Registration Table Open Exhibit Booths Open	Lobby Foyer Atlantic Rm

Fifth Session	Moderator: Dr. Laura Harrington	Halifax Rm
9:00 AM	Our Coastal Wetlands: The More Things Change the More They Stay the Same – Ron Rozsa and <u>Roger Wolf</u> , CT Dept of Energy and Environmental Protection, Coastal Management Program, and CT DEEP Protection Wetland Habitat and Mosquito Management	
9:15 AM	Mattapoissett Bogs Wetland Restoration Project – <u>Sara N. da Silva Quintal</u> , Buzzards Bay Coalition	
9:30 AM	Long-term Salt Marsh Monitoring in Practice with Purpose – <u>Callista Macpherson</u> , Buzzards Bay Coalition	
9:45 AM	Arboviral Antibody Prevalence in Maine Cervids, 2023 – <u>Elizabeth Schneider</u> , Alan Dupuis and Charles Luibelczyk, MaineHealth Institute for Research and Wadsworth Center, NYS Dept of Health	
10:00 AM	Coffee Break	Atlantic Rm
Sixth Session	Moderator: John Shepard	Halifax Rm
10:30 AM	Developing Portable Sequencing Assays for <i>Culex pipiens</i> Bloodmeal Analysis and Insecticide Resistance Monitoring – <u>David Giesbrecht</u> , Jack Brophy, Emily Newton, Skylar Arent, Tanya Petruff, Rachel Pellegrini, John Shepard, and Andrea Gloria-Soria, The Connecticut Agricultural Experiment Station (McColgan Grant-in-Aid Recipient, 2023)	
10:45 AM	A Detailed Look at the Increase of <i>Aedes albopictus</i> Throughout Connecticut – <u>Tanya Petruff</u> , Dr. Philip Armstrong, and John Shepard, The Connecticut Agricultural Experiment Station	
11:00 AM	AMCA Legislative Update – <u>Dan Markowski</u> , American Mosquito Control Association	
11:15 AM	The Invasive Spotted Lanternfly: Massachusetts and Beyond – <u>Jennifer Forman Orth</u> , Massachusetts Dept of Agricultural Resources	
11:30 AM	MDPH Tick Surveillance 2024 – <u>Nathaniel Morales</u> and Matt Osborne, Massachusetts Dept of Public Health	
11:45 AM	NEWVEC Partnership with Mosquito Control Districts – <u>Nolan Fernandez</u> , Univ of Massachusetts, Amherst	
12:00 PM	William Zawicki Memorial Vendors Luncheon	Reception Area
Seventh Session	Moderator: Aubrey Paolino	Halifax Rm
1:30 PM	Late Fall Synthetic Acaricide Application is Effective at Reducing Host-Seeking Adult and Nymphal <i>Ixodes scapularis</i> Abundances the Following Spring – <u>Scott C. Williams</u> and Megan A. Linske, The Connecticut Agricultural Experiment Station	

1:45 PM	Systemic Acaricidal Treatment of White-Footed Mice (<i>Peromyscus leucopus</i>) Against Juvenile Blacklegged Ticks (<i>Ixodes scapularis</i>) in Connecticut – <u>Megan Linske</u> , The Connecticut Agricultural Experiment Station	
2:00 PM	A Walk in the Park: Assessing the Role of Urbanization in New Jersey's Tick-borne Disease Landscape – <u>Zoe Narvaex</u> , Andrea Egizi, and Dana Price, Rutgers University (Jobbins Scholarship Recipient, 2023)	
2:15 PM	Managing the Political Landscape in New Hampshire in a Public Health Emergency – <u>Justin Adams</u> , Damian Andrada, Northeast Vegetation and Mosquito Control	
2:30 PM	Expanding the Classroom: Education Through Extension – <u>Blake Dinius</u> , Plymouth County Cooperative Extension	
2:45 PM	Coming Together: Unique Partnerships to Educate the Public About Mosquitoes and Ticks – <u>Teresa Duckworth</u> , Morris County Mosquito Control	
3:00 PM	Coffee Break	Atlantic Rm
Eighth Session	Panel Discussion: Decision-Making and Risk Communication in Challenging Times – Moderator: Roger Wolf	Halifax Rm
3:30 PM-5:00 PM		
6:30 PM	Silent Auction/Reception	Reception Area
7:30 PM	NMCA Banquet (ticket required)	Regency Ballroom

Wednesday, December 11, 2024

8:00 AM	Exhibit Booths Open	Atlantic Rm
Ninth Session	Moderator: Doug Bidlack	Halifax Rm
8:30 AM	Detection of <i>Anaplasma phagocytophilum</i> DNA in Deer Keds in Massachusetts - <u>Patrick Pearson</u> , Guang Xu, and Stephen M. Rich, Laboratory of Medical Zoology, Dept of Microbiology, Univ of Massachusetts, Amherst	
8:45 AM	Using UAS With Field Seeker GIS Software and ArcGIS Online – <u>Chad Minter</u> , Frontier Precision	
9:00 AM	Building a <i>Coquilleltidia perturbans</i> Control Program – <u>Stephanie Dugan-Stiles</u> and Ellen Bidlack, Plymouth County Mosquito Control Project	
9:15 AM	Massachusetts Insecticide Resistance Cage Trial Results for Eastern Equine Encephalitis Vectors – <u>Priscilla Matton</u> , Kaitlyn	

- O'Donnell, and Derek Drews, Bristol County Mosquito Control Project
- 9:30 AM **Cross-sectional Surveys Exploring Factors Influencing Residential Vector Control Decision-Making in New England** – [Fatma Tufa](#), Johanna Ravenhurst, Elissa S. Ballman, Neeta P. Connally, Nelle Couret, Nolan Fernandez, Allison M. Gardner, Jeff Garnas, William Landesman, Alexis L. White, Guang Xu, Andrew Lover, Stephen M. Rich, and Thomas N. Mather, New England Center of Excellence in Vector-Borne Diseases, Univ of Massachusetts Amherst
- 9:45 AM ***Culiseta melanura*: Past, Present and Future** – [Doug Bidlack](#), East Middlesex Mosquito Control Project
- 10:00 AM **Coffee Break**
- Tenth Session** Moderator: **Matt McPhee** Halifax Rm
- 10:30 AM **Vegetation Surveys of Long-Term Tick Surveillance Sites** – [Veronica Bobskill](#), Johanna Ravenhurst, and Andrew A. Lover, Dept of Biostatistics and Epidemiology, School of Public Health and Health Sciences, New England Center of Excellence in Vector-Borne Diseases, Univ of Massachusetts Amherst
- 10:45 AM **Challenges for Vector Control in New England: Learning From Public Health and Vector Control Professionals** – [Johanna Ravenhurst](#), Nora Finnerty, Genesis Medina, Ariel Scalise, Emilia Zaentz, Sarah L. Goff, Andrew A. Lover, School of Public Health and Health Sciences, Univ of Massachusetts Amherst
- 11:00 AM **Seasonality of *Coquillettidia perturbans* in Maine** – [Curtis Bartiromo](#), MaineHealth Institute for Research
- 11:15 AM **Spatial Analytics of Mosquito and Tick Habitats in the Pioneer Valley** - [James Tsalah](#), John Briggs Johanna Ravenhurst, Andrew A. Lover, Dept of Biostatistics and Epidemiology, Univ of Massachusetts Amherst
- 11:30 AM **Revisiting the Ecological Nexus of Acorns, Ticks and Mice as a Predictor Lyme Disease Risk: Connecticut, USA** – [Eric Siegel](#), Joseph P. Barsky, Guang Xu, Scott C. Williams, Neeta P. Connally, Goudarz Molaei and Stephen M. Rich, Laboratory of Medical Zoology Dept of Microbiology, Univ of Massachusetts Amherst
- 11:45 AM **Closing Remarks** – [Ellen Bidlack](#), NMCA President