

Northeastern Mosquito Control Association Annual Meeting 2017

Draft Agenda

Hotel 1620 at Plymouth Harbor
180 Water St. Plymouth, MA

Monday, December 4, 2017

- 9:00 AM **Welcome to Plymouth**
Sen. Viriato DeMacedo
- 9:20 AM **Presidential Address**
Gabrielle Sakolsky, President NMCA
- 9:30 AM **AMCA Update**
AMCA Regional Director
- 10:00 AM **Break**
- 10:30 AM **Arboviral Surveillance in the United States 2017**
Centers for Disease Control & Prevention
- 11:00 AM **2017 Massachusetts Arbovirus Season**
MA Dept. of Public Health
- 11:25 AM **Arboviral Surveillance – New Hampshire, 2017**
Abigail Mathewson, NH Department of Health and Human
Services
- 11:40 AM **Arbovirus Activity in Connecticut, 2017**
John Shepard, Center for Vector Biology and Zoonotic Diseases,
The Connecticut Agricultural Experiment Station
- 12:00 Noon **Lunch - On Your Own**
- 1:30 PM **Arbovirus Surveillance, Maine 2017**
Charles Lubelczyk, Sara Robinson, and Kathy Murray, Maine
Dept. of Health & Human Services
- 1:45 PM **Pennsylvania State Report 2017**
Michael Hutchinson, PA Bureau of Labs – Vector Management

- 2: 05 PM **Rhode Island Update 2017**
Al Gettman, Rhode Island Dept. of Environment Mgmt.
- 2:20 PM **2017 Arbovirus Surveillance in Vermont**
Eliza Doncaster and Judy Rosovsky, VT Dept. of Health
- 2:40 PM **New Jersey Arbovirus Surveillance Report, 2017**
Scott Crans, NJ Office of Mosquito Coordination
- 3:00 PM **Break**
- 3:30 PM **New York State Report 2017**
NY State Dept. of Health
- 3:50 PM **Mosquito Control in the US: a Role for PMPs and Mosquito Control Districts**
Joe Conlon, Technical Advisor AMCA
- 4:30 PM **Professional Training: The Unmet Need**
Isik Unlu and Chuck Collins, Mercer County Mosquito Control, Center for Vector Biology, Rutgers University, Activate
- 4:45 PM **Remembering Daniel Manley Jobbins**
Dr. Ernest Ruber, Professor Emeritus, Northeastern University

Tuesday, December 5, 2017

- 8:30 AM **Engaging School Nurses as Advocates and Educators for Tick and Mosquito IPM**
Kathy Murray, Maine Department of Agriculture
- 8:50 AM **EPA Update**
Andrea Szylvian, US EPA Region 1
- 9:10 AM **The Northeast Center for Excellence in Vector-Borne Diseases**
Dr. Theodore Andreadis, Center for Vector Biology and Zoonotic Diseases, The Connecticut Agricultural Experiment Station
- 9:30 AM **Unlock the Power of Your GIS – Key Strengths and Planned Improvements**
Linda Glover and Chad Minter, Frontier Precision

- 9:45 AM **Break**
- 10:00 AM **The Basics of Shoreline Protection**
Peter Hanrahan, CPESC, EJ Prescott
- 10:30 AM **Northern Range Expansion of the Asian tiger Mosquito (*Aedes albopictus*): Analysis of Mosquito Data from Connecticut, USA**
Philip M. Armstrong, Theodore G. Andreadis, John J. Shepard, Michael C. Thomas, The Connecticut Agricultural Experiment Station
- 10:50 AM ***Aedes albopictus* on the South Coast – An Update**
Todd B. Duval and Priscilla Matton, Bristol County Mosquito Control Project
- 11:10 AM **The Influence of Climate Change and Socio-Economical Factors on *Aedes albopictus* in Northeastern US Cities**
Dr. Eliza Little, Columbia University
- 11:30 AM **Lunch**
- 1:00 PM **Rising Tick Populations and Changing Patterns of Tick-Associated Diseases in the Northeastern US**
Dr. Goudarz Molaei, Center for Vector Biology and Zoonotic Diseases, Department of Epidemiology and Microbial Diseases, The Connecticut Agricultural Experiment Station, Yale School of Public Health
- 1:15 PM **Spatiotemporal Dynamics of *Borrelia burgdorferi* Infection in Black-legged Tick *Ixodes scapularis* in Connecticut**
Dr. Eliza Little, Center for Vector Biology and Zoonotic Diseases, The Connecticut Agricultural Experiment Station
- 1:30 PM **Tick IPM Toolbox: An Update on Tick Control**
Kirby Stafford, Center for Vector Biology and Zoonotic Diseases, The Connecticut Agricultural Experiment Station
- 1:45 PM **Charismatic and Complicit: Impacts of Increased Abundances of White-tailed deer on Ticks and Tick-borne Diseases**
Scott Williams, Center for Vector Biology and Zoonotic Diseases, The Connecticut Agricultural Experiment Station

- 2:00 PM **Effects of Host Diversity and Abundance on Dilution of *Borrelia burgdorferi* in Residential and Woodland Habitats**
Megan Linske, Department of Entomology, Connecticut Agricultural Experiment Station
- 2:15 PM **Current Status for Vaccination of Lyme Disease**
Sam Telford, Cummings School of Veterinary Medicine, Tufts University
- 2:30 PM **Changing Distribution and Overwintering Potential of *Ixodes scapularis* and *Amblyomma americanum* in New England**
Charles Lubelczyk, Maine Medical Center Research Institute
- 2:45 PM **Distribution of *Ixodes uriae* and *Borrelia garinii* in the Gulf of Maine and Maritime Canada**
Margaret Welch, Maine Medical Center Research Institute
- 3:00 PM **Break**
- 3:30 PM **TBA**
- 3:50 PM **TBA**
- 4:10 PM **Mosquito Diversity at Four Southern Maine Coastal Sites – York and Sagadahoc Counties, 2017**
Elizabeth Henderson, Sara Robinson, and Charles Lubelczyk
- 4:30 PM **Poster Session**
- Wetland Restoration Projects and Beaver Deceivers**
Katrina Proctor, Wetlands Project Coordinator, Central Massachusetts Mosquito Control
- Early Season Treatments Using Natular G30 – 2017 Update**
Frank H. Cornine III and David Mullins, Central Massachusetts Mosquito Control Project

Wednesday, December 6, 2017

- 9:00AM **Tigers Undercover: Controlling *Aedes albopictus* larvae in corrugated extension spouts**
Nick Indelicato and Isik Unlu, Mercer County Mosquito Control
- 9:20 AM **Source Reduction and the EPA's WasteWise Program in Central Massachusetts.**

Timothy D. Deschamps, Central Massachusetts Mosquito Control Project

9:40 AM

TBA

10:00 AM

Break

10:30 AM

Development of an Effective Novel Copepod-Based Mosquito Ovitrap

Sophie Wang, Waterford High School

11:00 AM

“Swords to Plowshares” Using Federal Surplus for Mosquito Control

Chris Horton, Superintendent, Berkshire County Mosquito Control Project

11:30 AM

TBA

12:00 Noon

Closing Remarks, Gabrielle Sakolsky, President NMCA