

# PROGRAM

## 60<sup>th</sup> Annual Meeting

Northeastern Mosquito Control Association  
December 8-10, 2014  
Hyatt Regency Cambridge

### Sunday December 7, 2014

3:00 PM – 7:00 PM Exhibitor's Set-up Paul Revere Room

5:30 PM Audit Committee Meeting Martin Luther King Suite

6:00 PM Executive Board Meeting Martin Luther King Suite

### Monday December 8, 2014

8:00 AM Registration Table Open Lobby

8:00 AM Exhibitor's Set Up Paul Revere Room

9:00 AM Exhibit Booths Open Paul Revere Room

#### First Session

Moderator: Timothy McGlinchy Presidential Ballroom D

9:00 AM **Welcome Address:**  
Gregory C. Watson, Commissioner  
Massachusetts Department of Agricultural Resources

9:20 AM **Presidential Address:** President NMCA –  
Timothy McGlinchy

9:30 AM Steve Mulligan, President AMCA  
**AMCA: Helping Guide Mosquito Control into the Twenty-first Century**

9:45 AM Joseph M. Conlon, Technical Advisor  
**AMCA Report**

10:00 AM **Coffee Break**  
Paul Revere Room

#### Second Session

Moderator: Anthony Texeira Presidential Ballroom D

10:30 AM Paul Capotosto  
**AMCA North Atlantic Director's Report**

10:50 AM Gabrielle Sakolsky-Hoopers, Cape Cod Mosquito Control Project  
**Pesticide Environmental Stewardship Program Becoming PestWise**

11:00 AM Chuck Lubelczyk, Maine Medical Center Research Institute  
**2014 Arbovirus Surveillance in Maine**

11:15 AM Michael L. Hutchinson, Pennsylvania Department of Environmental Protection  
**Pennsylvania Arthropod-borne Disease Update**

11:35 AM Dominick Ninivaggi, Division of Vector Control, Suffolk County, NY  
**New York Arboviral and Mosquito Update, 2014**

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

#### Third Session

Moderator: Gabrielle Sakolsky Presidential Ballroom D

1:30 PM John Shepard, Connecticut Agricultural Experiment Station  
**Arbovirus Activity in Connecticut, 2014**  
Authors: John J. Shepard, Philip M. Armstrong, Michael C. Thomas, Michael Misencik & Angela Bransfield

1:50 PM Al Gettman, RI Department of Environmental Management  
**Update from Rhode Island, 2014**

2:05 PM Alan C. Graham, Vermont Agency of Agriculture  
**2014 Arbovirus Surveillance in Vermont**

2:25 PM Abigail Mathewson, New Hampshire Department of Health and Human Services  
**Arboviral Surveillance- New Hampshire, 2014**

2:45 PM M. Cynthia Stinson, Massachusetts Department of Public Health  
**Arbovirus Activity in Massachusetts: 2014 Season Summary**

3:00 PM **Coffee Break**  
Paul Revere Room

Fourth Session

Moderator: Chris Horton Presidential Ballroom D

3:30 PM Eric Williges, NJDEP Office of Mosquito Control  
**Arbovirus Activity in New Jersey: 2014 Season Summary**

3:50 PM Steve Mulligan, Consolidated Mosquito Control District  
**Walk Like an Aegyptian: Invasion of *Aedes aegypti* into California**

Authors: Steve Mulligan & Jodi Holeman

4:10 PM James Clauson, Beach Mosquito Control District  
**Mosquito Control in Florida**

4:30 PM Joseph M. Conlon, AMCA  
**Bridge on the River Kwai: The Man, The Bridge**

5:30 PM **NMCA Business Meeting** Presidential Ballroom D

6:00 PM **President's Reception** Empress Room

7:00 PM **NMCA Scholarship & Awards:**  
Robert L. Armstrong Award  
David H. Colburn Award  
Daniel M. Jobbins Scholarship  
McColgan Grant-in Aid  
David W. Scott Memorial Award

Tuesday December 9, 2014

6:00 A.M. **NMCA 7<sup>th</sup> Annual Fun Run/ Walk**  
Group Photo in Lobby then Leave Promptly

8:00 A.M. Registration Table Open Lobby

8:00 A.M. Exhibit Booths Open  
Paul Revere Room

Fifth Session

Moderator: Emily Sullivan Presidential Ballroom D

8:30 AM Kimberly A. Foss, SWAMP, Inc  
***Cs. melanura* Habitat Identification and Treatment Methods**

8:55 AM Peter Hanrahan, Everett J. Prescott Inc.  
**The Basics of Streambank Stabilization**

9:15 AM Roger Wolfe, CT DEEP Wetlands Habitat & Mosquito Management Program  
**Updates in Coastal Wetland Restoration, Management & Research**

Authors: Roger Wolfe & Paul Capotosto

9:30 AM **Exhibitors' Continental Breakfast and Presentations** Presidential Ballroom D

Sixth Session

Moderator: John Shepard Presidential Ballroom D

10:30 AM Steve Burns, Bristol County Mosquito Control Project  
**Bristol County Mosquito Control's History of Water Management**

10:50 AM Emily Sullivan, Northeast MA Mosquito Control & Wetlands Management District  
**Building Bridges**

11:00 AM Theodore Andreadis, Connecticut Agricultural Experiment Station  
**Chikungunya virus in the Americas: Are we at risk?**

11:20 AM Isik Unlu, Mercer County Mosquito Control  
**Ultra-low Volume Droplet Penetration and Characteristics of Truck-mounted Adulticide Application in an Urban Northeastern Habitat**

Authors: Isik Unlu, Nick Indelicato & Ary Faraji

11:30 AM Todd Livdahl, Clark University  
**The Dilution Effect in a Field Survey of Eastern Mosquitoes**

Authors: John Soghigian & Todd Livdahl

11:45 AM Goudarz Molaei, Connecticut Agricultural Experiment Station  
**Dynamics of Vector-Host Interaction and Emergence Eastern Equine Encephalitis in Northeastern USA**

Authors: Goudarz Molaei, Michael Thomas, Tim Muller, John Shepard, Jan Medlock, Philip Armstrong & Theodore Andreadis

12:00 PM Mandy Gaudreau, Clark University  
*Daniel M. Jobbins Scholarship*  
**Establishing Mosquitoes as Vectors of Amphibian Pathogens**

Authors: Mandy M. Gaudreau & Todd Livdahl

12:15 PM Alexandra Villiard, Rutgers University, Center for Vector Biology  
**Paternal Effects in the Asian Tiger Mosquito**

12:30 PM Nicole Herman, Yale University, Connecticut Agricultural Experiment Station  
**Evaluation of Quantitative Real-time PCR Assays used to Detect WNV in Mosquito Pools**

Authors: Nicole Herman & Philip Armstrong

12:45 PM John Soghigian, Clark University  
**Interspecific Sexual Harassment and Feeding Inhibition between Two Invasive Dengue Vectors**

Authors: John Soghigian, Kathryn Gibbs, Ashleigh Stanton, Rachael Kaiser & Todd Livdahl

1:00 PM **Lunch** (on your own)

Please set up posters during lunch break

Seventh Session

Moderator: Roger Wolfe Presidential Ballroom D

2:15 PM James Clauson, Beach Mosquito Control District  
**Mosquito Research Foundation, An Overview**

2:30 PM Kirby O. Kloter  
**A Sticky Trap to Capture Medically Important Filth Flies and Mosquitoes: A Trap within a Trap**

2:45 PM David Henley, East Middlesex & Suffolk County Mosquito Control Projects  
**Mosquito Spraying May Have Killed Bees- A Tale of Media Bias and Linden Trees**

Authors: David Henley & Douglas Bidlack

3:00 PM Philip Armstrong, Connecticut Agricultural Experiment Station  
**Eastern Equine Encephalitis Virus Reemergence in Connecticut**

Authors: Philip Armstrong, Goudarz Molaei & Theodore Andreadis

3:30 PM **Coffee Break**  
Paul Revere Room

#### Eighth Session

Moderator: Timothy McGlinchy Presidential Ballroom D

3:45 PM John-Paul Mutebi, CDC  
**Genetic Relationship of the First Isolate of EEEV in the State of Vermont**

Authors: Kali Saxton-Shaw, Jeremy Ledermann, Joan Kenney, Erica Berl, Alan Graham, Ann Powers, Joel Russo & John-Paul Mutebi

4:15 PM Christian Boyer, Pennsylvania Department of Environmental Protection  
***Aedes albopictus* Larviciding Study in a York City Salvage Yard**

4:30 PM Priscilla Matton, Bristol County Mosquito Control Project  
**Ovitrap Surveillance for *Aedes albopictus* in Southeastern Massachusetts**

4:45 PM **Poster Session** Presidential Ballroom D

**Survival of Vernal Pool Mosquito Larvae Exposed to Repeated Cycle of Freezing**

HeeJung Ko, Department of Biology, UMass Boston

**Disposable CO<sub>2</sub> Source for Mosquito Baiting**

Frank Cornine and John Prohaska, CMMCP and Overnia

**Preliminary Results using FourStar Bti CRG for Spring Pre-hatch**

Tim Deschamps, Frank Cornine & Andy Healey, Central Mass Mosquito Control

**Control of *Phragmites australis* in CT**

Paul Capotosto, Roger Wolfe & Bonnie Lathrop, CT DEEP WHAMM Program

**Four Decades of Dedication**

**A Sticky Trap to Capture Medically Important Filth Flies and Mosquitoes: A Trap within a Trap**

Kirby O. Kloter

**Assessing the Introduction of *Ae. albopictus* in Massachusetts Using Ovitrap**

Andrew Ruiz, HeeJung Ko, Todd Duval & James Ackley, Mass. Department of Public Health

**Integrated Marsh Management in Connecticut**

Roger Wolfe & Paul Capotosto, CT DEEP WHAMM Program

6:30 PM **Silent Auction/ Reception**

Charles View Ballroom- 16<sup>th</sup> Floor

Silent Auction - Proceeds benefits the John Kuschke Memorial Fund

7:30 PM **NMCA Banquet** Charles View Ballroom- 16<sup>th</sup>  
Floor

Installation of Officers  
NMCA Photo Salon  
Awarding of Silent Auction Items

Authors: Joe Barile, Kurt Vandock, Gordon Morrison & Byron Reid

11:10 AM Mark Newberg, Central Life Sciences  
**It Could Happen in Your Backyard- Today's  
Political Climate**

**Wednesday December 10, 2014**

8:00 AM Exhibits Open Paul Revere Room

Ninth Session

Moderator: Wally Terrill Presidential Ballroom D

9:00 AM Dave Lawson, Norfolk County Mosquito Control  
District, MA  
**Sea Level Rise and Its Connection to the  
Origin and Future of New England's Salt  
Marshes**

11:30 AM Derek Drews, Clarke  
**Evaluations of Two Natular™ Formulations in  
Catch Basins in Multiple Regions of the United  
States**

11:45 PM Andrea Szylvian, US EPA Region 1 (New  
England)  
**NPDES PGP Update**

9:30 AM Nate Boonisar, Norfolk County Mosquito Control  
District, MA  
**Short-Term Climate Fluctuations for Our Short-  
Term Memories**

12:00 PM **Closing Remarks:**  
President NMCA – Priscilla Matton

10:00 AM **Coffee Break** Paul Revere Room

Tenth Session

Moderator: Priscilla Matton Presidential Ballroom D

10:30 AM Esteban Cuebas-Incle, Northeast MA Mosquito  
Control & Wetlands Management District  
**Mosquitoes & Arboviruses in Northeastern  
Massachusetts: A Fifteen-Year Retrospection**

Authors: Esteban Cuebas-Incle, Anthony Corricelli & William Mehaffey

10:50 AM Ted Bean, Adapco  
**Development and Introduction of a New Active  
Ingredient for ULV Application to Control Adult  
Mosquitoes in the United States**