



PROGRAM
55th Annual Meeting
Northeastern Mosquito Control Association
December 2nd to December 4th 2009
The Sturbridge Host Hotel



Tuesday December 1st, 2009

- 3:00 – 7:00 PM** Exhibitor's Set-up: Grand Ballroom
- 4:30 – 5:00 PM** Audit Committee Meeting
- 6:30 PM** Executive Board Meeting

Wednesday December 2nd, 2009

- 7:00 AM** Exhibitor's Set-up: Grand Ballroom
- 8:00 AM** Registration Table Open: Grand Ballroom Foyer
- 8:30 AM** Exhibitor Area Open

First Session Location: Grand Ballroom
Moderator: Wally Terrill

- 8:45 AM** **Welcome and Introductory Remarks**
Massachusetts Representative Todd M. Smola
1st Hampden District
- 9:00 AM** **NMCA President's Address**
Wally Terrill, NMCA President
- 9:10 AM** **AMCA Update**
Joseph Conlon, AMCA Technical Advisor
- 9:25 AM** **Washington Day Report**
Dan Daly, Priscilla Matton, Tim McGlinchy, Wally Terrill, Roger Wolfe
- 9:40 AM** **Mosquito Surveillance and Suppression in Vermont**
Alan Graham and Jon Turmel, Vermont Agency of Agriculture
- 10:00 AM** **Pennsylvania Arboviral Update**
Matt Helwig, Pennsylvania DEP

10:15 AM Coffee Break: Exhibitor's Area

Second Session Moderator: David Lawson

10:40AM **New Jersey's Vector and Adult Mosquito Surveillance Program, 2009**
Lisa Reed, Rutgers University

11:00 AM **Arbovirus Activity in Massachusetts: 2009 Season Summary**
M. Cynthia Stinson, MA Dept. of Public Health - William A. Hinton State
Laboratory Institute

11:15 AM **Eastern Equine Encephalitis in Northeast Massachusetts in 2009:
Surveillance and Response**
Esteban Cuevas-Incle, Northeastern Massachusetts Mosquito Control and
Wetland Management District

11:35 AM **Arboviral Activity in New York State, 2009**
Laura Kramer, New York State Dept. of Health

12:00 PM Lunch: On your own

Third Session Location: Grand Ballroom
Moderator: Priscilla Matton

1:30 PM **Rhode Island Update: 2009**
Alan Gettman
Rhode Island DEM

1:40 PM **EEE in Maine: 2009**
Sara Robinson, Maine CDC

1:55 PM **New Hampshire Arbovirus Update**
Speaker TBA

2:10 PM **Arbovirus Activity in Connecticut: 2009**
John Shepard, The Connecticut Agriculture Experiment Station

2:30 PM Coffee Break: Exhibitor's area

Fourth Session Location: Grand Ballroom
Moderator: Sean Healy

3:00 PM **Communal Avian Roosts as Amplification Foci for West Nile Virus in
Urban Areas in Northeastern USA**
Maria Diuk-Wasser, Yale University

- 3:25 PM** **Characterizing the Relationship Between Asian Tiger Mosquito Abundance and Habitat in Urban New Jersey**
Carolin Ferwerda, Rutgers University
2008 Jobbins Scholarship Recipient
- 3:45 PM** **Vertical Oviposition Preferences of *Aedes albopictus***
Eric Williges, Mercer County (NJ) Mosquito Control
- 4:05 PM** **Area-wide Control of the Asian Tiger Mosquito in NJ: Ongoing Research and Control**
Sean Healy, Monmouth Co. Mosquito Control
- 4:30 PM** **Business Meeting:** Grand Ballroom
- 6:00 PM** **Poster Session:** Courtyard

Posters

Call Tracking and Web Map for Mosquito Control

Nancy Read, Metropolitan Mosquito Control District, St. Paul, MN

Monitoring Wetland Management Projects – Implementing Best Management Practices

Katrina Proctor, Central MA Mosquito Control Project,

Geographical Distribution of *Amblyomma americanum* (Acari: Ixodidae) in New Jersey

Sean P. Healy, Terry L. Schulze, Robert A. Jordan, and Jeffrey C. White

A New Carbon Dioxide Baiting Source for Insect Surveillance

John D. Prohaska, Ph.D. Blackstone Photonics

- 6:30 PM** **President's Reception:** Courtyard
Cocktails and hors d'oeuvres

- 7:00 PM** **Awards Ceremony:** Courtyard

- 10:00 PM** **First Annual B-movie night – "Plan 9 from Outer Space"**
VIP Lounge – see registration table for more details

Thursday December 3rd, 2009

- 5:55 AM** **NMCA's 2nd Annual Fun Run**
Meet in Lobby for Group Photo
Leave promptly at 6:00 AM

- 7:30 AM** Registration Table Open: Grand Ballroom Foyer
- 7:45 AM** **Exhibitors' Breakfast:** Grand Ballroom
Moderator: Sherrie Juris
Continental Breakfast
Exhibitors' Presentations
- 8:45 AM** Exhibitor's Area Open
- Fifth Session** Location: Grand Ballroom
Moderator: Tim McGlinchy
- 8:45 AM** **Public Health Important Arboviruses in the United States**
John-Paul Mutebi, National Centers for Disease Control
- 9:05 AM** **Host-Seeking Activity of Mosquitoes in Massachusetts**
Frank Cornine III, Central Mass. Mosquito Control Project
- 9:25 AM** **Blood Feeding Behavior of *Anopheles quadrimaculatus* and *Anopheles punctipennis* from Eastern Encephalitis Virus Foci in Northeastern USA**
Goudarz Molaei, The Connecticut Agricultural Experiment Station
- 9:45 AM** **Evidence for Competitive Reduction of Native Mosquitoes in the Northeastern United States by the Invasive Exotic Species, *Ochlerotatus japonicus japonicus* (Diptera: Culicidae)**
Theodore Andreadis, The Connecticut Agricultural Experiment Station
- 10:05 AM** **Communication and Safety**
Taryn LaScola, Massachusetts Pesticide Bureau
- 10:30 AM** Coffee Break: Exhibitor's Area
Spray truck compliance audit in hotel parking lot
- Sixth Session** Location: Grand Ballroom
Moderator: Emily DW Sullivan
- 11:00 AM** **Wetlands as Natural Communities: MA's State Classification and Priority Types of Wetland Natural Communities**
Patricia Swain, MA Division of Fisheries and Wildlife, Natural Heritage and Endangered Species Program
- 11:30 AM** **The Evolution of Jobsite Erosion Control Technology**
Pete Hanrahan, Everett J. Prescott, Inc.

11:55 AM **Sixth Annual Group Photo**

12:00 PM Lunch on Your Own

Seventh Session Location: Grand Ballroom
Moderator: Teresa Duckworth

1:30 PM **Using Geospatial Tools to Catalog Stormwater Facilities**
Teresa Duckworth, Morris County (NJ) Mosquito Extermination
Commission

1:50 PM **Beyond Routine Maintenance: Rehabilitating Stormwater Detention
Basins**
Vicki Thompson, Monmouth County (NJ) Mosquito Extermination
Commission

2:10 PM **Stormwater Structures and Mosquitoes: Dealing with Multiple Goals**
Nancy Read, Metropolitan Mosq Control Dist, St. Paul, MN

2:40 PM **Public Health Pesticides and the Clean Water Act: Quo Vadis?**
Joe Conlon, AMCA Technical Advisor

3:00 PM Coffee Break: Exhibitor's Area

Eighth Session Location: Grand Ballroom
Moderator: David Boyes

3:30 PM **Univ. of Connecticut's Nonpoint Education for Municipal Officials
(NEMO) Project**
John Rozum
University of Connecticut

3:50 PM **Promoting Mosquito Awareness Among Elementary School Students**
Curtis Best, Central MA Mosquito Control Project

6:30 PM **NMCA Banquet Reception:** Grand Ballroom
Poster Session: Grand Ballroom
Silent Auction open

7:30 PM **NMCA Banquet:**
Invocation
Installation of Officers
NMCA Photo Salon
Silent Auction Awarding of Items

Friday **December 4th, 2009**

Ninth Session

Location: Grand Ballroom
Moderator: Ray Zucker

- 8:00 AM** Registration Table Open: Grand Ballroom Foyer
- 8:30 AM** **Testing BGS Traps and Lures in Mosquito Surveillance in Northeast Massachusetts**
Esteban Cuebas-Incle, Northeast MA Mosquito Control and Wetlands Management District
- 8:50 AM** **An Effective, Lightweight, Easy-to-Store Resting Box Trap**
Alan Graham, Vermont Agency of Agriculture
- 9:05 AM** **Utilization of Resting Boxes in Southeastern MA – Part 2**
Priscilla Matton, Bristol County Mosquito Control, and Nate Boonisar, Norfolk County Mosquito Control Project
- 9:25 AM** **Benefits of GIS in Vector-Bourne Disease Surveillance**
Mike Swan, Electronic Data Solutions
- 9:40 AM** Coffee Break: Exhibitor's Area

Tenth Session

Location: Grand Ballroom
Moderator: Roger Wolfe

- 10:10 AM** **FourStar Microbial Briquet Development and Efficacy**
Robert Sjogren, FourStar Microbial Products, LLC
- 10:25 AM** **Experiences with the New Liquid Spinosad Formulation, Natular®**
Bob Kent, New Jersey DEP Mosquito Control
- 10:50 AM** **Mitigating the Impact of Culverts on River and Stream Ecosystems**
Scott Jackson, University of Massachusetts Extension
- 11:20 AM** **Connecticut's Equipment Used in Phragmites Control**
Paul Capotosto, CT DEP WHAMM Program
- 11:40 AM** **Wetlands and Mosquitoes**
Roger Wolfe, CT DEP WHAMM Program
- 11:55 PM** **President's Closing Remarks**
Wally Terrill: NMCA President