

# PROGRAM

## 49<sup>TH</sup> ANNUAL MEETING

### NORTHEASTERN MOSQUITO CONTROL ASSOCIATION, INC.

*Cape Codder Resort  
Hyannis, Massachusetts*

**SUNDAY - NOVEMBER 30, 2003**

5:00-7:00 PM *Executive Board Meeting* - Nantucket Board Room

**MONDAY - DECEMBER 1, 2003**

7:00 AM *Exhibitors Set up*

8:00 AM *Registration Table opens*

9:00 AM *Exhibit Area open* - Crystal Room

*Session A - JFK II & III Rooms*  
Moderator - Timothy Deschamps

9:00 AM *National Anthem & Pledge of Allegiance*

Chief John P. Jenkins, West Barnstable Fire Chief

9:05 AM *NMCA Presidential Address*  
Curtis Best, NMCA President

9:15 AM *AMCA Regional Directors Address*  
Dan Markowski, AMCA North Atlantic Regional Representative

9:30 AM *NJ Surveillance Summary 2003*  
Robert Kent, NJ Office of Mosquito Control Coordination & Wayne Crans, Dept. of Entomology, Rutgers University

9:45 AM *MA Surveillance Summary 2003*  
Barbara Werner, MA Dept. of Public Health

10:00 AM *Coffee Break - Exhibit Area* - Crystal Room

*Session B - JFK II & III Rooms*  
Moderator - Walter Montgomery

10:30 AM *VT Surveillance Summary 2003*  
Jon Turmel, VT Department of Agriculture

10:40 AM *RI 2003 Surveillance Results*  
Tara Perry, Al Gettman & Jennifer Dacey, RI Mosquito Abatement Coordination

11:00 AM	<b><i>NH Surveillance Summary 2003</i></b> Tom Marsh, NH Dept. of Health & Human Services		Walter Montgomery, Jack Card, Robyn Januszewski, Emily DW Sullivan & Esteban Cuebas-Incle, Northeast Mass. Mosquito Control & Wetlands Management District
11:10 AM	<b><i>NY Surveillance Report 2003</i></b> Dominick Ninivaggi, Suffolk County (NY) Div. of Vector Control	1:55 PM	<b><i>Arbovirus Activity in Bristol and Norfolk Counties, Massachusetts in 2002-2003</i></b> Wayne Andrews, Bristol County (MA) Mosquito Control Project
11:20 AM	<b><i>CT Surveillance Summary 2003</i></b> Ted Andreadis, CT Agricultural Experiment Station		
11:45 AM	<b><i>Welcome Address</i></b> Senator Robert O'Leary, Mass. State Senate	2:10 PM	<b><i>Four Years of Mosquito and West Nile Virus Surveillance at the East Middlesex Mosquito Control Project</i></b> Doug Bidlack, East Middlesex (MA) Mosquito Control Project
12:00 noon	Lunch (on your own)  <b><u>Session C - JFK II &amp; III Rooms</u></b> Moderator - Dave Lawson	2:25 PM	<b><i>Mosquito &amp; Amphibian Associations</i></b> Kristen Bartlett, Dept. of Entomology, Rutgers University (NJ) – 2002 NMCA Jobbins Scholarship Recipient
1:30 PM	<b><i>ME Surveillance Summary</i></b> Mike Morrison, Municipal Pest Management Services, Inc.	2:45 PM	<b><i>New Jersey State Surveillance Program, 2003</i></b> Lisa Reed, Dept. of Entomology, Rutgers University (NJ)
1:40 PM	<b><i>Northeast Mass. Mosquito Control &amp; Wetlands Management District 2003 Surveillance Summary</i></b>	3:00 PM	<b><i>Coffee Break - Exhibit Area</i></b> - Crystal Room  <b><u>Session D - JFK II &amp; III Rooms</u></b>

3:30 PM Moderator – Dave Henley  
***Evaluation of Efficacy of Linalool Candles as Spatial Repellents Against Natural Populations of Mosquitoes***  
Susan McKnight, CT Agricultural Experiment Station

3:50 PM ***Classification of Mosquito Life Cycle Types Revisited***  
Wayne Crans, Dept. of Entomology, Rutgers University (NJ)

4:20 PM ***NMCA Joins AMCA in EPA's PESP, But What Does It Mean?***  
Gabrielle Sakolsky, Cape Cod Mosquito Control Project

4:30 PM ***Poster Session*** - Sandwich Room

5:00 PM ***NMCA Business Meeting*** - JFK II & III Rooms

6:30 PM ***President's Reception*** - Emerald Room

***TUESDAY - DECEMBER 2, 2003***

8:00 AM ***Exhibit Area opens***

***NMCA Continental Breakfast and Exhibitors Presentations***

Crystal Room  
Moderator – Gabrielle Sakolsky  
**Session A - JFK II & III Rooms**  
Moderator – Ellen Bidlack

9:00 AM ***Catch Basin Larviciding Utilizing Kawasaki Mule***  
Mike Morrison, Municipal Pest Management Services, Inc.

9:20 AM ***Catch Basin Conditions that Produce Culex Mosquitoes***  
Ellen Bidlack, Plymouth County (MA) MCP

9:35 AM ***Effects Of Methoprene On Catch Basin Communities***  
Mari Butler, University of Rhode Island, 2002 McColgan Grant-in-Aid recipient

10:00 PM ***WNV & Meteorological Factors***  
Paul Epstein, Harvard Medical School

10:20 AM ***Coffee Break - Exhibit Area*** - Crystal Room

**Session B - JFK II & III Rooms**  
Moderator – John J. Smith

10:50 AM ***Dry Ice Sublimation & Trapping Considerations***

Scott Crans, Rutgers University

11:20 AM

***Saltmarsh Restoration in ME & NH***

Mike Morrison, SWAMP, Inc.

11:45 AM

Lunch (on your own)

**Session C - JFK II & III Rooms**

Moderator – Sarah MacGregor

1:00 PM

***Bombardier to “Bombadump”***

Bill Mehaffey & Emily DW Sullivan,  
Northeast Mass. Mosquito Control &  
Wetlands Management District

1:20 PM

***An Assessment of Tidal Salt Marsh  
Restoration on Birds, Fish and  
Macroinvertebrates in Connecticut***

Roger Wolfe, Chris Samor & Paul  
Capotosto, CT DEP - WHAMM Program  
and Min Huang, CT DEP Wildlife Division,  
Migratory Bird Program

1:40 PM

***A Comparison of Five All-Terrain  
Vehicles for Mosquito Control in NJ***

Bob Kent & Claudia O’Malley, NJ State  
Mosquito Control Commission

2:00 PM

***Rhode Island's Virtual Saltmarsh  
Excavator***

Al Gettman, RI Mosquito Abatement  
Coordination

2:15 PM

***An Examination of Environmentalist’s  
Claims About Pesticides***

Angela Logomasini, Competitive Enterprise  
Institute

2:35 PM

***Coffee Break - Exhibit Area - Crystal  
Room***

**Session D - JFK II & III Rooms**

Moderator – Emily DW Sullivan

3:00 PM

***Rift Valley Fever - the Next West Nile-  
like Scenario?***

George Saperstein, Tufts University School  
of Veterinary Medicine

3:15 PM

***2003: The Most Active Arbovirus Year  
in North Carolina History, and Why***  
Nolan Newton, NC Dept. of Environment  
& Natural Resources

3:40 PM

***“An Overview of Pyrethroids-  
Pyrethroids 101”***

Steve Antunes-Kenyon, Mass. Pesticide  
Bureau

4:30 PM

***Poster Session - Sandwich Room***

6:30 PM **Banquet Reception** - Emerald Room

7:30 PM **Banquet** - Emerald Room  
Photo Salon  
Awards  
David W. Scott Memorial Award  
Robert L. Armstrong Award  
Daniel M. Jobbins Scholarship  
John J. McColgan Grant-in-Aid  
Installation of Officers  
Silent Auction Winners

**WEDNESDAY - DECEMBER 3, 2003**

8:00 AM **Exhibit Area opens**

**Session A - JFK II & III Rooms**  
Moderator – Paul Capotosto

9:00 AM **Evaluation of ULV Droplet Spectrum;  
A Comparison of Two Methods**  
Tadhg Rainey, Hunterdon County (NJ)  
Health Dept. & Scott Crans, Rutgers  
University (NJ)

9:15 AM **Anvil Trials in Cape May County, NJ -  
2003**

Peter Bosak, Ed Sokoria, Mat Diem,  
Christine Frame, Cape May County (NJ)  
Mosquito Extermination Commission

9:30 AM **Emergency Mosquito Control in North  
Carolina after Hurricane Isabel**  
Nolan Newton, NC Dept. of Environment  
& Natural Resources

9:50 AM **Emergency Aerial Spray for WNV in  
Larimer County, CO**  
Fran Krenick, Clarke Mosquito Control  
Products, Inc.

10:05 AM **The Massachusetts Military  
Reservation Mosquito Control Project**  
William Keto, Senior Environmental Corps  
of Cape Cod & the Islands

10:20 AM **Coffee Break - Exhibit Area** - Crystal  
Room

**Session B - JFK II & III Rooms**  
Moderator – Bob Kent

10:50 AM **Efficacy of Insecticidal Aerosols  
Against Culex Mosquitoes**  
Michael Reddy, Timothy Lepore &  
Andrew Speilman, Harvard School of  
Public Health, Paul Reiter & Duane  
Gubler, Centers for Disease Control, David

Henley, East Middlesex (MA) Mosquito  
Control Project

11:10 AM

***Overwintering Culex pipiens in New  
Jersey***

Ary Farajollahi, Dept. of Entomology,  
Rutgers University (NJ)

11:30 AM

***GIS and Mosquito Control***

Dave Lawson & Nate Boonisar, Norfolk  
County (MA) Mosquito Control

11:50 AM

***Closing Remarks***

Curtis Best, NMCA President