



OHIO MOSQUITO CONTROL ASSOCIATION

13690 Stonehenge Court
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NEWSLETTER

by the OMCA Board Members

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Grant-In-Aid Program

Grant-In-Aid is available thru OMCA for up to \$1,000 to fund projects related to vector biology, ecology, surveillance or control.

The Grant can be awarded to:

- Local or State mosquito control personnel
- Student research projects

Application requirements:

Please submit the following to the OMCA Board of Directors:

- Project description (1 page limit)
- Project time line (1 page limit)
- Proposed project budget* (1 page limit)

**Travel funds to present project at the OMCA Annual Meeting may be included in the budget.*

Deadline:

All information for the 2011 grant year should be postmarked by **September 1, 2010**.

Miscellaneous information:

- Example applications available upon request.
- Recipients are awarded a one year OMCA membership.
- Recipients are expected to present results at the first annual meeting following your proposed deadline.

Please mail to:

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Message from the President

Another summer has flown by and it was relatively quiet in terms of mosquitoes. It was nonetheless challenging as many of us began to experience the fallout of the economic downturn in our workplaces. Fortunately, arbovirus surveillance remains strong in Ohio and we were able to alert the public as the WNV risk increased in August. Be sure to check out the arbovirus and rabies updates in this issue.

Since we did not release a mid-summer newsletter this year, I would like to take this opportunity to let you know that the annual vector control workshops were a great success again in 2009. These workshops provide educational programs with CEU credits for pesticide applicators and sanitarians as well as an opportunity to have machines calibrated and droplet size tested. This year we had well over 200 attendees and calibrated 177 machines.

With our annual meeting at the Quality Inn in Richfield less than 2 months away, I am pleased to announce that members will once again be treated to some outstanding talks covering a range of important topics. Please find the tentative agenda and pre-registration form for the conference enclosed. Also, be sure to book your room soon in order to take advantage the conference group rate.

I hope everyone has a great autumn and I look forward to seeing you at the Annual Meeting.

Your President,

Richard E. Gary

Would you like to be more involved in OMCA?

We are always looking for individuals to help out. Just let one of your Board of Directors know you are interested!!

Aedes albopictus Mosquito photo above by James Gathany. All photos in this newsletter are by James Gathany or an unknown photographer and were obtained from the CDC.

2009 Annual Meeting Agenda

SUNDAY, OCT. 25

7:00 – 9:00 PM **Early Bird Hospitality**

SUNDAY

After a quick review of the agenda, it appears that we should have a minimum of 7 RS ceu's and at least 3 ODA ceu's. It is likely that more credit hours will be approved. Stay Tuned.



MONDAY, OCT. 26 MORNING: Richard Gary, Presiding

- 7:30 – 8:30 **Registration**
- 8:30 – 8:45 **Opening Remarks**
- 8:45 – 9:15 **The New Invaders: Resurgence of Vector Borne Disease in the U.S.**
Dr. Linn Haramis, Ph.D.,
Illinois Department of Public Health
- 9:15 – 9:45 **Emergency Services: Stop, Drop, and Roll!**
Jim McNelly & Fran Krenick,
Clarke-Environmental Sciences
- 9:45 – 10:15 **Mosquitoes Infected with West Nile Virus and Environmental Factors in Cuyahoga County**
Chuck Hart, OU School of Environmental Health
- 10:15 – 10:30 **Break**
- 10:30 – 11:00 **Pesticide Safety and Regulatory Update**
Joanne Kick-Raack, OSU Extension
- 11:00 – 11:30 **New Low-Tech and High-Tech Approaches to Mosquito Monitoring and Arbovirus Control**
Charles H. King MD, CWRU
- 11:30 – 12:00 **Supplier Presentations**
- 12:00 – 1:45 **Lunch/Business Meeting**

MONDAY, OCT. 26 AFTERNOON: Mike Cooper, Presiding

- 1:45 – 2:15 **The Armed Forces Pest Management Board: A unique Global Asset**
Captain Stanton Cope, Director, AFPMB
- 2:15 – 2:45 **ODA Pest Control Applicator Core Material Update**
Joanne Kick-Raack
Ohio State University Extension
- 2:45 – 3:15 **Animal Venues and Public Health**
Stacy Short, CCBH
- 3:15 – 3:30 **Break**
- 3:30 – 4:00 **Ecology of Urban Coyotes**
Stan Gehrt, Ph.D., OSU School of Environmental & Natural Resources
- 4:00 – 4:30 **Aerial Spray: Historical Perspectives and Current Operations**
Karl Haagsma, USAF
- 4:30 – 5:00 **Natular™ Stewardship Initiatives Over the Past Season.**
Jim McNelly & Griffith Lizarraga,
Clarke-Environmental Sciences
- 5:00 **Attitude Adjustment and Photo Salon**

MONDAY

TUESDAY, OCT. 27 MORNING & AFTERNOON: Mary Daniels, Presiding

- 8:00 – 8:30 **Breakfast / Registration**
- 8:30 – 9:00 **Zoonotic Diseases in Ohio**
Kathleen A. Smith, DVM, MPH, Ohio Department of Health
- 9:00 – 9:30 **Vector Surveillance and Control in Illinois**
Dr. Linn Haramis, Ph.D., Illinois Department of Public Health
- 9:30 – 10:00 **Zenivex – A New Active Ingredient for Control of Adult Mosquitoes**
Jason Trumbetta, ADAPCO Inc.
- 10:00 – 10:15 **Break**
- 10:15 – 10:45 **Update on Ohio's Scrap Tire Clean-Up Program**
Bob Large, Ohio Environmental Protection Agency
- 10:45 – 11:15 **Title TBA**
Lee Mitchell, TASD
- 11:15 – 11:45 **Ohio Vector-Borne Disease Update**
Richard E. Gary, Ph.D., Ohio Department of Health
- 11:45 – 1:15 **Lunch, Award Ceremony, Closing Remarks, Door Prize Drawing**

**Annual Meeting 2009
October 25-27
Quality Inn
Richfield, OH**

The opinions expressed by the speakers do not necessarily represent those of the Ohio Mosquito Control Association, its members, or the Board of Directors.

TUESDAY

'09 US Arbovirus Surveillance Update

As of September 1st, 123 human cases (4 fatalities) of WNV have been reported in 22 states. In addition, 366 dead birds and 2,748 mosquito pools have tested positive nationwide.

There have been six human cases of SLE reported in Arkansas (3), Mississippi (2) and Texas (1), three cases of LAC in Georgia (2) and Ohio (1), and one case of EEE in Louisiana. In addition, there are 187 equine EEE cases in the Southeast.

Ohio Arbovirus Surveillance Update

As of September 1st, ODH is reporting one human case of LAC and one case of WNV. The ODH Laboratory and Vector-borne Disease Program have tested 248,242 *Culex* mosquitoes (7,230 pools) for WNV. Of these, 149 mosquito pools from Cuyahoga (2), Franklin (94), Hamilton (9), Lake (1), Licking (39), Lorain (1), Montgomery (1), and Summit (2) counties have tested positive for WNV. ODA has tested five horses for WNV in 2009, and all have been negative.

On August 27th, the first human case of WNV in Ohio was reported from Cuyahoga County, in an 11-yr old male. Ohio also has a human LAC case from Vinton County.



Newsletter Submissions

The newsletter belongs to all association members. If you are interested in a certain topic, or if you would like to submit a short article or other item, please contact any of the board members. Our contact information is on the front of this newsletter.

Ohio Rabies Surveillance and ORV Update

The fall ORV operation in 16 northeastern and eastern Ohio counties will begin September 6th. This cooperative operation between USDA APHIS Wildlife Services, the Ohio Departments of Health and Natural Resources, and local health departments will distribute 877,620 vaccine-laden baits over 4,761 square miles of Ohio between September 6th and 25th.

To date in 2009, Ohio has had 37 rabies positive animal cases: 36 bats and one skunk. Rabid bats have been collected from Columbiana, Delaware, Franklin, Geauga, Greene, Guernsey, Hamilton, Hancock, Hocking, Lucas, Mahoning, Marion, Montgomery, Muskingum, Ross, Scioto, Seneca, Stark, Tuscarawas, Washington, Williams and Wood Counties. The skunk was from Lake County and variant typed by CDC as raccoon-rabies.



Photo Salon

One of the more entertaining parts of our annual meeting is the photo salon. If you haven't already done so, we encourage you to grab the digital camera (or film camera) and take pictures to share with the membership of things you think are unique or interesting about our profession. Simply bring your photos or digital images to the annual meeting and submit to any board member. They will be displayed on Monday during Attitude Adjustment. Winning photos will be chosen from several categories for cash prizes.

1. Mosquito breeding sites
2. Larval mosquito control
3. Adult mosquito control
4. Arbovirus surveillance
5. Animal portraits (may include insect, bird or mammal portraits)
6. Miscellaneous (any photo featuring nature slides or human interest material not listed above)