



**OHIO MOSQUITO CONTROL ASSOCIATION**  
13690 Stonehenge Court  
Pickerington, OH 43147



**OHIO MOSQUITO CONTROL ASSOCIATION**

# NEWSLETTER

by the OMCA Board Members

Volume 45, No. 2

www.ohiomosquitocontrol.org

September, 2010

## 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.



### Please mail to:

Mary Daniels  
Zoonotic Disease Program  
Ohio Department of Health  
P.O. Box 1430  
Reynoldsburg, OH 43068-6430  
mary.daniels@odh.ohio.gov



### Deadline:

All information for the 2012 grant year should be postmarked by July 1, 2011.

### 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.

## 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!!

### PRESIDENT

#### Richard Gary, PhD

ODH Zoonotic Disease Program  
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### PRESIDENT ELECT

#### Mary Daniels

ODH Zoonotic Disease Program  
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### VICE PRESIDENT

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### SECRETARY

#### Robert A. Restifo

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### PAST PRESIDENT

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### MEMBER AT LARGE

#### Paul Bauman, M.S., R.S.

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## In This Issue

- Annual Meeting Agenda
- US and Ohio Arbovirus Surveillance
- Ohio Rabies and ORV Update
- Newsletter Submissions
- Photo Salon
- Grant-In-Aid



## Message from the President

I would like to begin by thanking all of you. I am very grateful for the privilege to have served as president of OMCA for these past 2 years. I also wish to thank my fellow board members for their hard work and support in putting together excellent annual meetings. The most daunting task of creating the annual meeting agenda falls to the Vice President, so I want to acknowledge the excellent job Mike Cooper has done putting together diverse agendas with relevant topics and excellent speakers.

This spring, I told you about the President's budget, which eliminated \$26 million in funding for the CDC Division of Vector Borne Infectious Disease. This funding includes operating costs of DVVID and arbovirus surveillance funding for states. In response to this cut, many state health departments (including ODH) and other organizations wrote letters to their representatives serving on appropriations committees in Washington supporting the CDC DVVID and opposing this cut. I am pleased to report that the Senate has rejected this cut and hopefully Congress will follow suit and fully restore funding. After all, the role of the CDC DVVID and state arbovirus surveillance is critical to the President's goal of enhancing preparedness for natural epidemics.

Our annual meeting at the University Plaza Hotel in Columbus is a little over a month away and we have some outstanding talks scheduled covering a range of important topics. Please find the agenda and pre-registration from enclosed. Also, be sure to book your room soon in order to take advantage of the conference group rate.

I hope everyone has had a great summer and I look forward to see all of you at the Annual Meeting.

Your President,

*Richard E. Gary*

Richard E. Gary

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.

## 2010 Annual Meeting Agenda

SUNDAY, OCT. 24

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. 25 MORNING: Richard Gary, Presiding

- 7:30 – 8:15 **Registration**
- 8:15 – 8:30 **Opening Remarks**
- 8:30 – 9:15 **AMCA update**  
Joe Conlon, American Mosquito Control Association
- 9:15 – 9:45 **Bedbugs – Ecology and History**  
Dr. Harold Harlan, Armed Forces Pest Management Board
- 9:45 – 10:15 **Bed Bug Control Options and the Importance of Customer Cooperation**  
Dr. Gerry Wegner, Ph.D, BCE, Technical Director, Staff Entomologist  
Varmint Guard Environmental Services, Inc.
- 10:15 – 10:30 **Break**
- 10:30 – 11:00 **Updates from The Armed Forces Pest Management Board: A Unique Global Asset**  
Dr. Harold Harlan, AFPMB
- 11:00 – 11:30 **Delusory Parasitosis**  
Mary Daniels, Ohio Department of Health, Vector Borne Disease Lab
- 11:30 – 12:00 **Supplier Presentations**
- 12:00 – 1:45 **Lunch/Business Meeting**

MONDAY, OCT. 25 AFTERNOON: Mike Cooper, Presiding

- 1:45 – 2:45 **AMCA Perspective on the Impact of NPDES Permitting and Mosquito Control Programs**  
Joe Conlon, American Mosquito Control Association
- 2:45 – 3:15 **Control and Management of Bats in Urban Housing**  
Dr. Gerry Wegner, Ph.D, BCE, Technical Director, Staff Entomologist  
Varmint Guard Environmental Services, Inc.
- 3:15 – 3:30 **Break**
- 3:30 – 4:00 **An Overview of Nuisance Wildlife Control and Management Strategies**  
Dr. Gerry Wegner, Ph.D, BCE, Technical Director, Staff Entomologist  
Varmint Guard Environmental Services, Inc.
- 4:00 – 4:30 **“Ecology and Control of the Asian Carp”**  
Tory Gabriel, Ohio Sea Grant, Extension Educator
- 4:30 – 5:00 **Pesticide Safety and Regulatory Update**  
Joanne Kick-Raack, OSU Extension
- 5:00 **Attitude Adjustment and Photo Salon**

# MONDAY



Annual Meeting 2010  
October 24-26  
University Plaza Hotel  
Columbus, OH

TUESDAY, OCT. 26 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 **Ohio NPDES General Permit – Its Impact on Mosquito Control Programs in Ohio**  
Eric Nygaard, Ohio Environmental Protection Agency
- 9:30 – 10:00 **Eastern Equine Encephalitis in Horses**  
Dr. Steven Wilden, Veterinary Medical Officer, USDA, APHIS
- 10:00 – 10:15 **Break**
- 10:15 – 10:45 **In Search Of The Comet Darter, One Man's Quest**  
Robert Restifo, Ret., Ohio Department of Health
- 10:45 – 11:15 **Update on Ohio's Scrap Tire Clean-Up Program**  
Harry Smail, Ohio Environmental Protection Agency
- 11:15 – 11:45 **TBD**
- 11:45 – 1:15 **Ohio Vector Borne Disease Update**  
Richard Gary, Ph.D., Ohio Department of Health
- 11:45 – 1:15 **Lunch, Award Ceremony, Closing Remarks, Door Prize Drawing**

*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

## '10 US Arbovirus Surveillance Update

As of September 7<sup>th</sup>, 258 human cases (6 fatalities) of WNV have been reported in 31 states. In addition, 435 dead birds and 5,929 mosquito pools have tested positive nationwide.

Other mosquito-borne diseases reported so far in 2010 include:

3 cases of SLE: Arkansas (1), Michigan (1) and Missouri (1).

- 26 cases of LAC: Ohio (14), West Virginia (4), Tennessee (3), North Carolina (2), Michigan (1), Minnesota (1) and Mississippi (1).
- 9 cases of EEE: Florida (4), Michigan (3), Massachusetts (1) and Rhode Island (1). In addition, there are 165 equine EEE cases in Michigan, northeastern and the southeastern U.S.

## Ohio Rabies Surveillance and ORC Update

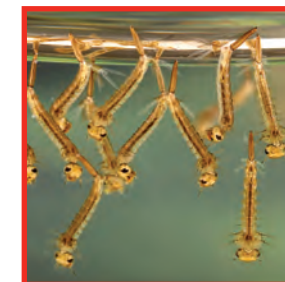
So far in 2010, forty-three animals have tested positive for rabies in Ohio: 40 bats, 2 raccoons and 1 skunk.

The 2010 fall oral rabies vaccine (ORV) operation in Ohio began the last week of August. Fixed-wing planes flew and distributed the coated sachet ORV type packets on August 28 and 29. An ODNR helicopter distributed fishmeal polymer type ORV baits in four areas on August 30. Ground baiting, with fishmeal polymer baits, by local, county and city health department personnel are nearly completed. Roughly 770,000 ORV baits will be distributed in northeastern and eastern Ohio. Of those 770,000 baits; 36,000 were distributed by helicopter, nearly 170,000 are being distributed by LHD ground teams, and 567,000 were distributed by airplane. This operation combines assets and personnel of the USDA APHIS Wildlife Service, ODH, ODNR, and LHDs.

## 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)



## Ohio Arbovirus Surveillance Update

So far in 2010, Ohio has two human cases of WNV, both from Putnam County. The ODH Laboratory and Vector-borne Disease Program have tested 305,384 Culex mosquitoes (8,383 pools) for WNV. Of these, 226 mosquito pools from 11 counties have tested positive for WNV: Cuyahoga (3), Franklin (136), Greene (1), Hamilton (10), Lake (3), Licking (54), Lorain (1), Lucas (4), Montgomery (2), Perry (1) and Summit (11).

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  - 9 cases of EEE: Florida (4), Michigan (3), Massachusetts (1) and Rhode Island (1). In addition, there are 165 equine EEE cases in Michigan, northeastern and the southeastern U.S. It is a turning out to be a bad year for LaCrosse encephalitis (LAC) in Ohio. At this time, there are 14 probable/confirmed cases and 13 additional suspect cases (8 of which are still under investigation) of LAC in 17 Ohio counties. Cases range from 10-days old to 23-years old. One case in Summit County was fatal.



## 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.