



## OHIO MOSQUITO CONTROL ASSOCIATION

13690 Stonehenge Court  
Pickerington, OH 43147



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# NEWSLETTER

by the OMCA Board Members

Volume 45, No. 1

www.ohiomosquitocontrol.org

May, 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.*

**Deadline:** All information is to be postmarked on or before **July 1, 2010**.

#### Miscellaneous information:

- Example applications available upon request.
- Recipients are awarded a one year OMCA membership.
- Present your project at the first annual meeting after your proposed deadline.

**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

### Mark Your Calendars

The annual meeting of the OMCA is set for:

**October 24-26, 2010**  
**University Plaza Hotel, Columbus, Ohio**

Hope to see everyone there!



### Call for Speakers

We are always looking for speakers for the OMCA fall meeting who cover topics of interest to our membership. Have you seen a great talk or do know of anyone working on an interesting project who you would like to have come and talk at the OMCA meeting? If so, please contact Michael Cooper at cooper@health.athens.oh.us.

### 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.

#### PRESIDENT

**Richard Gary, PhD**

ODH Zoonotic Disease Program  
P.O. Box 1430  
Reynoldsburg, Ohio 43068  
Phone: 614-752-1029  
Fax: 614-644-1057  
Email: Richard.Gary@odh.ohio.gov

#### PRESIDENT ELECT

**Mary Daniels**

ODH Zoonotic Disease Program  
P.O. Box 1430  
Reynoldsburg, Ohio 43068  
Phone: 614-752-1029  
Fax: 614-644-1057  
Email: Mary.Daniels@odh.ohio.gov

#### VICE PRESIDENT

**Michael B. Cooper, R.S.**

Athens City- County Health Department  
12576 N. Peach Ridge Road  
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#### SECRETARY

**Robert A. Restifo**

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#### TREASURER

**Charles F. Pyle, R.S.**

13690 Stonehenge Court  
Pickerington, Ohio 43147-9715  
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#### PAST PRESIDENT

**Christopher Bauer, R.S.**

Cuyahoga County Board of Health  
5550 Venture Drive  
Parma, Ohio 44130  
Phone: 216-201-2001 ext. 1616  
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Email: CBauer@ccbh.net

#### MEMBER AT LARGE

**Paul Bauman, M.S., R.S.**

Registered Sanitarian  
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### Message from the President

A few weeks ago, we received news that \$26 million in funding for the CDC Division of Vector Borne Infectious Disease, which includes WNV funding for states, has been eliminated in the 2011 federal budget. In Ohio, the impact will be the elimination of all WNV testing by the state lab, which will greatly impair our surveillance system. Similar impacts will be felt in states nationwide and the prevention and control of vector-borne diseases, such as WNV, will be seriously compromised.

In addition to the direct impact on states that use these funds for testing, this cut will compromise the ability of CDC to collaborate with states through applied research, outbreak response, coordination and publication of surveillance data (ie. Arbonet), diagnostic training, validation of test results, proficiency testing, as well as development of new diagnostic tests, communication tools and strategies, and new prevention measures. It is hard to reconcile this cut from an administration that prioritizes health infrastructure and global climate change issues.

Several public health organizations, such as the Council of State and Territorial Epidemiologists and the Association of Public Health Laboratories, and mosquito control organizations, such as the Mosquito and Vector Control Association of California, have written letters to Congress opposing the cuts. I expect we will soon see similar responses from Association of State and Territorial Health Officials and its affiliate State Public Health Vector Control Association and others. At ODH, we have drafted a letter for our delegates in Congress and I proposed at the last Board of Directors' meeting that OMCA send a response as well, which we are in the process of doing.

While this battle continues, another battle is beginning. Mosquitoes are back on the attack. Surveillance in Ohio will work the same as last year. Please read the WNV 2010 surveillance announcement section in this newsletter for more details on submitting surveillance samples this year.

The annual vector control workshops are scheduled for Monday, June 7<sup>th</sup> thru Thursday, June 10<sup>th</sup> this year. These workshops provide attendees an opportunity to have machines calibrated and droplet size tested. Educational programs at Columbus and Lake County will

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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.

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include a morning educational program and applicator license exam, but recertification credits will not be offered this year. A copy of the registration form is included in this newsletter.

As always, we are looking for volunteers to serve on committees. The Legislation and Resolutions, Proceedings, Training, and Saleable Items committees are in need of chairpersons. Please take this opportunity to become more actively involved with your organization. Please contact me to sign up for a committee; I look forward to hearing from you soon.

Your President,

*Richard E. Gary*

Richard E. Gary

### 2010 Surveillance Procedures

Mosquito season is here and for those who have not received it, below are the ODH arbovirus surveillance testing procedures for 2010. Please look them over and contact us as soon as possible with any questions or concerns you may have.

#### Birds

We will be unable to test dead birds this year. However, we recommend that you continue to consider reports of dead crows and blue jays to be potential indicators of WNV activity. This information can be mapped and is useful in determining where to target mosquito surveillance and control efforts.

#### Mosquitoes

We will start accepting collections on June 1<sup>st</sup>. Please keep mosquitoes frozen before and during transport. We recommend the use of CDC-gravid traps for WNV surveillance because they target *Culex* species, which are the most important vectors of WNV. If you plan to submit light trap samples, please contact us first.

- Use the US Cargo account that you used last year: OHAGRI.
- We will notify agencies of positive mosquito pools by email. Positive results will be emailed each morning based upon the previous day's testing.
- We will e-mail surveillance spreadsheets with statewide results each Monday.

We will make every effort to help you have a successful surveillance season. As the summer progresses, we will keep you updated if there are any changes. Please contact us with any special concerns.

Best wishes for a smooth field season,

Mary K. Daniels  
Public Health Entomologist  
ODH, Zoonotic Disease Program  
614-752-1029, option 1

## Vector Control Workshops

### for mosquito control applicators

Registration form to the right

#### June 7 - Whitehall

Whitehall Community Park  
402 Hamilton Rd., Whitehall  
ULV Droplet Testing ONLY



#### June 8 - Whitehall

Whitehall Community Park  
402 Hamilton Rd., Whitehall  
New Applicator Session & Exam  
(No Recertification Credit)  
ULV Droplet Testing

#### June 9 - Painesville Area

Lake County Health Department  
550 Black Brook Rd., Painesville Twp.  
New Applicator Session & Exam  
(No Recertification Credit)  
ULV Droplet Testing



#### June 10 - Toledo Area

Toledo Area Sanitary District  
5015 Stickney Ave., Toledo  
ULV Droplet Testing ONLY

### 2009 US and Ohio Surveillance Summary

The year ended with 722 human cases (33 fatalities) of WNV in 38 states, including 2 Ohio cases in Cuyahoga (1) and Lucas (1) Counties. In addition, 759 dead birds and 6,646 mosquito pools (243 in Ohio) have tested positive nationwide.

Other 2009 Arboviral Cases:

- 12 human cases of SLE reported in Arkansas (4), Indiana (1), Mississippi (2), Texas (4) and Washington (1);
- 50 human cases of LAC in states of the Mid West, including Ohio (5), and the southern Appalachian region;
- 4 human cases of EEE in Louisiana (1), New Hampshire (1), New York (1) and North Carolina (1), and 313 equine EEE cases in the eastern US;
- 5 cases of Powassan Virus in Minnesota (2) and New York (3).

## Vector Control Workshops

ULV Droplet Testing available at all locations 8:00 a.m. - 2:00 p.m.

**Important!** Applicators should bring their mosquito application equipment for the testing of ULV droplets. Run machines at your workplace and make sure they are calibrated prior to the workshop. Droplets can be taken only using pesticide as the spray. Have pesticides you use in the tank.

### Education Sessions (June 8 & 9 only)

**New Applicator Session & Exam (No Recertification Credit)**

**7:30** - Registration Opens - Coffee and Donuts

**8:30** - New Applicator Training for Core (Ohio State University Extension)

**9:30** - New Applicator Training for Category 10d Mosquito, Housefly and Vector Control (Ohio Department of Health)

**10:30** - Licensing Exam (Administered by the Ohio Department of Agriculture)

### Afternoon ULV Droplet Testing

Continuation of the droplet testing.

### Speakers and those conducting the ULV testing include:

Richard Gary and Mary Daniels - Ohio Dept. of Health

JoAnne Kick-Raack and Cindy Folck - Ohio State University Extension

Brian Deenihan - Clark Mosquito Control

Sponsored by Ohio State University Extension and the Ohio Department of Health along with Whitehall City Street Dept., Lake Co. Health Dept., Toledo Area Sanitary District, Ohio Mosquito Control Association, & Clarke Mosquito Control Products, Inc.



## Registration

### Vector Workshops for Mosquito Control

Name(s) \_\_\_\_\_

Organization: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: ( \_\_\_\_ ) \_\_\_\_\_

E-mail: \_\_\_\_\_@\_\_\_\_\_

### Workshop you will be attending: (choose one)

#### \_\_\_\_ June 7 - Whitehall

\_\_\_\_ # of machines for ULV Droplet Testing  
No education sessions or exams offered

#### \_\_\_\_ June 8 - Whitehall

\_\_\_\_ # of machines for ULV Droplet Testing  
\_\_\_\_ # of people attending morning education session for new applicators  
\_\_\_\_ # of people taking the core & category 10D license exam

#### \_\_\_\_ June 9 - Painesville

\_\_\_\_ # of machines for ULV Droplet Testing  
\_\_\_\_ # of people attending morning education session for new applicators  
\_\_\_\_ # of people taking the core & category 10D license exam

#### \_\_\_\_ June 10 - Toledo

\_\_\_\_ # of machines for ULV Droplet Testing  
No education session or exams offered

### Payment Type: (choose one) Registration is \$10/person or machine

\$10/person if attending educational session - machines are free

OR \$10/machine if no one is attending education session

\_\_\_\_ Check Number \_\_\_\_\_ (make payable to Ohio State University)

\_\_\_\_ Purchase Order Number \_\_\_\_\_ Federal Tax ID #31-6025986

\_\_\_\_ Cash (bring with you on day of event - do not mail)

### Mail or Fax form to:

Ohio State University Extension  
308 Howlett Hall  
2001 Fyffe Rd.  
Columbus, OH 43210  
Fax: 614-247-8127  
Questions: 614-292-4070