



# Ohio Mosquito Control Association NEWSLETTER

by the OMCA Board Members

Volume 50, No. 2

[www.ohiomosquito.org](http://www.ohiomosquito.org)

September, 2015

## **PRESIDENT**

**Greg Putka, R.S.**

5550 Venture Drive  
Parma, Ohio 44130  
Phone: (216) 201-2001 ext.1236  
[gputka@ccbh.net](mailto:gputka@ccbh.net)

## **VICE PRESIDENT**

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

Athens City-County Health Department  
12576 N. Peach Ridge Road  
Athens, Ohio 45701  
Phone: (740) 592-4431 ext. 248  
[cooper@health.athens.oh.us](mailto:cooper@health.athens.oh.us)

## **SECRETARY**

**Richard Gary, PhD**

Ohio Department of Health  
8995 E. Main St.  
Reynoldsburg, Ohio 43068  
Phone: (614) 752-1031  
[richard.gary@odh.ohio.gov](mailto:richard.gary@odh.ohio.gov)

## **TREASURER**

**Joe Lynch, R.S., M.P.H.**

12300 Spruce Pointe  
Strongsville, Ohio 44149  
Phone: (216) 201-2001 ext. 1241  
[jlynch@ccbh.net](mailto:jlynch@ccbh.net)

## **PAST PRESIDENT**

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

Toledo Area Sanitary District  
5015 Stickney Avenue  
Toledo, Ohio 43612  
Phone: (419) 726-7891  
[pbauman@tasd-mosquitoes.org](mailto:pbauman@tasd-mosquitoes.org)

## **MEMBER AT LARGE**

**Terry Tuttle**

Summit County Public Health  
Environmental Health Supervisor  
Phone: (330) 926-5630  
[ttuttle@schd.org](mailto:ttuttle@schd.org)

## In This Issue

- Annual Meeting Agenda
- Arboviral Activity in the United States – 2015
- Rabies Update
- West Nile Virus Surveillance Update
- Newsletter Submissions



## Message from the President

The days are getting shorter; the kiddies are back in school; and my Cleveland Browns are practicing hard for their first Super Bowl appearance in more than 50 years. The fall season is quickly approaching...hopefully, ending the most grueling part of the mosquito season for all of us. Activity throughout the state of Ohio has picked up recently with more positive pools of mosquitoes and 10 human cases reported. This is the time of the year that we must continue to preach our message to the public: remove all standing water from the property, avoid peak times of mosquito activity, and utilize personal protection during dawn/dusk times.

Our annual meeting is set for October 25-27 at the Days Inn & Suite located in Richfield, Ohio. As always, a hospitality room will be available on Sunday night (10-25) from 7pm-9pm. Come and hang out with fellow members, colleagues, and presenters. Fellow Board Member, Mike Cooper, has put together another great agenda for Monday (10-26) and Tuesday (10-27). See inside for more details.

Finally, the Board and I would like to discuss the future of our organization – not only financially but also with regards to our name. Per my previous newsletter in April, our organization must improve our financial situation and we are looking for any and all suggestions. Along those same lines, a name change was discussed among Board Members, but further input from our members is welcomed. The Board and I want to address these issues during our upcoming conference in order for our organization to continue towards a better future.

Your President,

Greg Putka

*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.

# 2015 Annual Meeting Agenda

## SUNDAY, OCT. 25

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

# SUNDAY

### MONDAY, OCT. 26 MORNING

- 7:45 – 8:45 **Registration**
- 8:45 – 9:15 **Opening Remarks – Welcome, The Future of OMCA**  
Greg Putka and the OMCA Board of Directors
- 9:15 – 10:00 **GIS Applications for Vector Study**  
Dr. Andrew Curtis, Kent State University
- 10:00 – 10:45 **USAF Night Spray Capabilities**  
Lt. Col. Karl Haagsma, USAF
- 10:45 – 11:00 **Break**
- 11:00 – 11:45 **Bed Bug Feeding and Defecation Behavior**  
Courtney Darrington, OSU OARDC
- 11:45 – 12:00 **Supplier Presentations**
- 12:00 – 1:30 **Lunch/Business Meeting**



### MONDAY, OCT. 26 AFTERNOON

- 1:30 – 2:15 **Modeling Equations for West Nile Virus Prediction**  
Dr. Paul Rosile, Eastern Kentucky University
- 2:15 – 3:00 **The Current Status of Malaria in South America**  
Dr. Mark James, Kent State University
- 3:00 – 3:15 **Break**
- 3:15 – 4:00 **Aerial Application of Liquid Larvacides**  
Lt. Col Mark Breidenbaugh, USAF (tentative)
- 4:00 – 4:45 **Update from The American Mosquito Control Association**  
Mike Szyska, AMCA, Northwest Mosquito Abatement District

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

# MONDAY

### TUESDAY, OCT. 27 MORNING & AFTERNOON

- 8:00 – 8:30 **Registration/Breakfast**
- 8:30 – 9:15 **Rodent Control Strategies**  
Carl Hinderer, Univar
- 9:15 – 10:00 **Ohio Zoonotic Disease Update**  
Dr. Joanne Midla, Ohio Department of Health
- 10:00 – 10:15 **Break**
- 10:15 – 11:00 **Dumpsite Remediation – Scrap Tire Removal Operations in Athens County, Ohio**  
Michael Cooper, R.S., Athens City County Health Department
- 11:00 – 11:45 **Ohio Arboviral Disease Summary, 2015**  
Dr. Richard Gary, Ohio Department of Health
- 12:00 – 1:30 **Lunch, Award Ceremony, Closing Remarks, Door Prize Drawing**

**CEU credits and Department of Agriculture (ODA) credits will be available for Registered Sanitarians.**



# TUESDAY

## Arboviral Activity in the United States – 2015

All the information below provided by the CDC Arboviral Disease Branch from January 1-September 1, 2015 (reported to ArboNET).

### West Nile Virus (WNV)

- 857 counties from 45 states and the District of Columbia have reported WNV activity.
- 38 states and the District of Columbia have reported WNV human infections (i.e. disease cases or viremic blood donors).
- 7 additional states have reported WNV activity in non-human species only (i.e. veterinary cases, mosquito pools, dead birds, or sentinel animals).
- 415 human WNV human disease cases have been reported from 204 counties in 32 states and the District of Columbia. Dates of illness onset for cases ranged from April-August. Of the 415 cases, 226 (54%) were classified as neuroinvasive disease (such as meningitis or encephalitis) and 189 (46%) were classified as non-neuroinvasive disease.

### Eastern Equine Encephalitis Virus (EEEV)

- 1 county in Louisiana reported a human case of EEEV disease.
- 46 additional counties in 8 states have reported EEEV activity in non-human species.

### La Crosse Encephalitis Virus (LACV)

- 4 counties in 4 states have reported human cases of LACV disease.

### St. Louis Encephalitis Virus (SLEV)

- 2 counties in Arizona reported human cases of SLEV disease.
- 10 additional counties in 5 states have reported SLEV activity in non-human species only.

### Chikungunya Virus Disease

- 325 chikungunya virus disease cases have been reported from 37 U.S. states. All reported cases occurred in travelers returning from affected areas. No locally-transmitted cases have been reported from U.S. states.
- 108 chikungunya virus disease cases have been reported from U.S. territories. All reported cases were locally-transmitted cases reported from Puerto Rico and the US Virgin Islands.

### Dengue

- 34 states and 2 territories have reported dengue cases.

## Rabies Update

To date in 2015, Ohio has recorded 19 positive rabid animals, including bats (14) and raccoons (5). The breakdown by county is as follows:

### Bats

Carroll (2)  
Delaware (1)  
Franklin (1)  
Greene (1)  
Hamilton (2)  
Lorain (1)  
Miami (2)  
Montgomery (2)  
Warren (1)  
Wayne (1)

### Raccoons

Mahoning (2)  
Trumbull (3)

Data from the Ohio Department of Health website (updated on 9/1/15).

## West Nile Virus Surveillance Update

After reporting on July 29th Ohio's first 2 human cases of West Nile virus (WNV) in 2015, ODH reported on August 19th the state's first death – a 91-year-old Williams County man hospitalized with encephalitis. Ohio's 10 WNV human cases to date have been reported in seven counties: Butler, Cuyahoga, Franklin, Hamilton, Lucas, Lorain and Williams. In recent years, Ohio reported 11 human WNV cases in 2014 (including one death), 24 in 2013 (including four deaths), and 122 in 2012 (including seven deaths). The primary way people get WNV is through the bite of an infected mosquito. Most people do not have any symptoms. About one in five develop a fever with other symptoms, and less than 1 percent develop a serious neurologic illness like encephalitis and meningitis. The ODH Zoonotic Disease Program reports that mosquitoes from 13 Ohio counties have tested positive for WNV: Cuyahoga, Defiance, Franklin, Licking, Lucas, Medina, Mercer, Montgomery, Portage, Putnam, Richland, Stark and Summit. According to the Centers for Disease Control and Prevention, Ohio is one of 34 states and the District of Columbia to report a combined 210 WNV human cases through August 18th. Eight states have more WNV human cases than Ohio, with California leading with 36. Five states have reported a combined six deaths (California with two). ODH continues to educate the public through the news media about how to avoid mosquito bites, and Ohio's local health jurisdictions continue to spray for mosquitoes.

Information provided by "Directions: An ODH Partners Update" August 27, 2015

## Newsletter Submissions

If you would like to highlight your agency, a special project or employee, consider writing a short article for inclusion in our next newsletter. Please contact a Board Member for more information – contact information for all Board Members found on the front cover.

## Would you like to be more involved in OMCA??

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

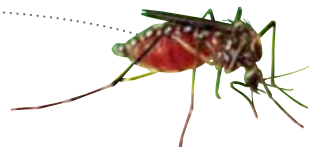


## Ohio Mosquito Control Association

12300 Spruce Pointe  
Strongsville, OH 44149



*Join Us At The* **2015**  
**ANNUAL**  
**MEETING**



**October 26 & 27** *in* Richfield, OH

*includes*

- **Speakers from AMCA & USAF**
- **RS & ODA Credits**

*to register or  
for more info visit:*

**[www.ohiomosquito.org](http://www.ohiomosquito.org)**