



# AMCA Overview & Updates

## 2015-2016

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# What is the AMCA?

- Non-profit professional association founded in NJ in 1935. Originally called the Eastern Association of Mosquito Control Workers
- 1400+ members
- Made up of: students, scientists, regulators, industry, mosquito control employees, trustees, commissioners, and many others
- Members in 52 countries





# Leadership

- AMCA is the leader in promoting the highest standards in professional mosquito control
- AMCA supports sound science
- Advocates *“Integrated Mosquito Management”*
- Recognized as a partner in EPA's Pesticide Environmental Stewardship Program (PESP)



# Leadership

- At the national level, the AMCA provides information and testimony having impacts on policy decisions
- Some current issues:
  - Clean Water Act/NPDES permit issue
  - Federal Funding for Laboratory capacity, WNV, and Zika virus response(proposed)
  - Endangered Species Act considerations
  - U.S. Fish & Wildlife Service's national Mosquito Management Policy on National Wildlife Refuges





# Legislative & Regulatory Affairs

## Presence in Washington, D.C.

- Represented by law firm of McDermott, Will & Emery
  - Keeps AMCA informed of important issues
  - Represents AMCA at federal agency & congressional meetings
  - Serves as legal counsel when needed

## Technical Advisor - Joe Conlon

- Attends meetings & testifies at hearings on AMCA's behalf
- Joe provides the AMCA's voice of sound science and reason





# Benefits of Membership

- Participate in and support legislative and regulatory advocacy
- “Members Only” access on AMCA website
- FREE webinars
- Receive publications:
  - Quarterly: Journal of AMCA, Newsletter
  - Monthly: e-Newsletter
- Reduced registration fees at AMCA Annual Educational Conferences
- Participation in organization governance
- Educational & scientific resources and support
- Networking with peers and leaders in the profession





# AMCA Website

“Members Only” Area

- ***Search:***

- Back issues of *JAMCA*, *Mosquito News*, *Mosquito Systematics*
- For an AMCA member’s contact info
- Past issues of the Newsletter

- ***Download AMCA Resources:***

- Public relations tools
- Sample press releases
- Comprehensive communications plans
- Examples of letters and correspondence
- Archived Webinars



## Welcome to the American Mosquito Control Association

AMCA® is a nonprofit organization that is dedicated to providing **leadership, information** and **education** leading to the enhancement of public health and quality of life through the suppression of mosquitoes.



[Learn More About AMCA Membership](#)

### » Leadership

AMCA is a professional association with members in over 50 countries, representing researchers, educators, vector control professionals, industry representatives, and students.

[Learn more »](#)

### » Information

There are over 3,000 different species of mosquitoes throughout the world; about 200 species occur in the United States.

[Learn more »](#)

### » Education

AMCA is proud to offer educational events that highlight the latest science, technology, and products used to conduct research and control vectors.

[Learn more »](#)

### Ask the Expert



Do you have a question about mosquitoes or mosquito control? Ask our expert. [Ask the Expert »](#)

## Latest News

**02/03/15** - AMCA President Issues Statement on Innovative Mosquito Control Techniques  
[Click to view](#)

**12/19/2014** - *Evaluation of Mosquito Repellents on Skin and Clothing* (webinar)  
[Click for more information](#)

**11/18/2014** - AMCA Annual Meeting Registration and Housing Now Open!  
[Click to view](#)

**11/18/2014** - Florida MCA Seeks Managing Editor for *Wing Beats*  
[Click to view](#)

**09/19/2014** - PESP Program Information - PESP is not a PEST: A Continuing Opportunity to Reduce Pesticide Risk  
[Click to view](#)

**03/03/2014** - **IMPORTANT VIDEO!** Mosquito Control and Why It's Important to You  
[Click to view](#)

**02/13/2014** - **IMPORTANT VIDEO!** One Mosquito Bite Can Change a Life Forever. - The I'm One Program  
[Click to view](#)



# AMCA Position Papers

## Clean Water Act NPDES Permit Impacts on Mosquito Control Programs

- **Issue:** Mosquito Control Programs (MCP's) are required to have NPDES permits under the Clean Water Act (CWA) for mosquito control pesticide applications (including both biological pesticides and chemical pesticides) occurring over, near or in waters of the US. However, these permits are redundant since the pesticide product use has already been reviewed and approved by EPA. Furthermore, the failure to obtain or operate in accordance with a NPDES permit exposes MCPs to substantial CWA penalties including Citizen Suit litigation. These NPDES permit requirements provide little or no environmental benefit, and can have a chilling effect on the ability of MCPs to protect the public from mosquitoes and mosquito-borne diseases. [Click here for more...](#)

## Endangered Species Act Considerations and Mosquito Control Programs

- **Issue:** Decisions on how pesticides should be used near sensitive or listed species are not being developed in a transparent manner based upon sound science. [Click here for more...](#)

## Epidemiology and Laboratory Capacity Grants for Mosquito-borne Disease Surveillance

- **Issue:** Reduced federal funding is crippling the capabilities of state mosquito-borne disease monitoring and response programs. Increased federal funding is needed to address endemic mosquito-caused diseases, as well as Chikungunya virus, a mosquito-borne pathogen newly-emerging in the Western Hemisphere. [Click here for more...](#)

## Mosquito Control on Federal Lands for federal properties where mosquito control is limited or not allowed

- **Issue:** Federal agencies need to better accommodate mosquito control activities on their lands, as identified and performed by local mosquito control programs. [Click here for more...](#)

## Pollinator Protections and Mosquito Control

- **Issue:** : The American Mosquito Control Association (AMCA) appreciates the vital role pollinating insects, primarily European Honey Bees, play in the availability of many agricultural products and fully supports science-based efforts to ensure pollinator populations are not adversely affected by pesticide applications designed to protect public health. [Click here for more...](#)

## Unmanned Aircraft Systems (now known as Remotely Piloted Aircraft) in the Vector Control Industry

- **Issue:** Unmanned Aerial Systems (UAS) – better known as drones - for use in the vector control industry provide numerous efficacies, advantages and safety. [Click here for more...](#)

# WEBINAR

## "Everyone seems to have a better mosquito trap: Making sense of mosquito trapping"

Presented by **Scott C. Crans**



**February 23, 2016**

### Abstract

Reliance of sound mosquito trapping strategies to generate surveillance data are recognized fundamental activities in professional integrated pest management programs. Responsible mosquito and vector control programs should use these data to drive operational control decision making. In this vein, mosquito trapping will be explored from its early beginnings to present day activities. Emphasis will be placed on choosing the most appropriate trap type for the intended purpose and combining several trapping methodologies to meet district needs.

Scott C. Crans is Senior Program Coordinator in the Department of Entomology Center for Vector Biology at Rutgers University.

# WEBINAR

## “Operational use of adult mosquito traps for temporary removal of Dengue/Chik V/Zika vectors”

Presented by **Aaron Lloyd**



**April 28, 2016 at 1pm EST**



**Summary:** The Yellow Fever mosquito, *Aedes aegypti* and the Asian tiger mosquito, *Aedes albopictus*, rank among the most significant vectors of dengue fever, chikungunya virus, and Zika virus. With no specific medications or vaccines available, vector control is the only way to combat these diseases. Public health programs concentrate on source reduction, public education and in some cases adulticiding when responding to a virus introduction from a container mosquito. Mosquito traps are commonly used for surveillance but may be able to play a larger role in helping to reduce the adult mosquito population when there is a disease threat. This talk will discuss the potential use of adult mosquito traps to quickly reduce adult container mosquito populations on a temporary basis. In addition, results from a multi-year, proof of concept study conducted in Pasco County, Florida will be discussed.

**Bio sketch:** Aaron Lloyd, MSc is the Assistant Director for Pasco County Mosquito Control District in Odessa, Florida. He serves on the Florida Mosquito Control Association board as the SW representative. He is also the lead chair for the FMCA-Dodd short courses, an annual week long training event where mosquito control personnel obtain their required state CEUs to maintain their Public Health License.

# Washington Conference

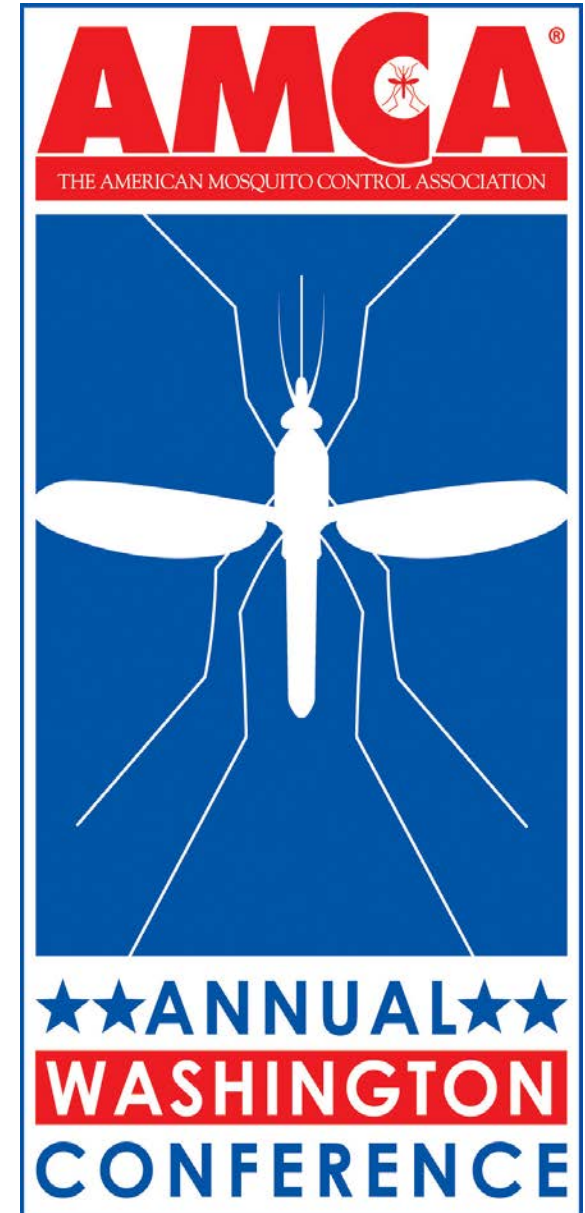
**\*\*A national regulatory & legislative event addressing the impacts on mosquito control in the U.S.**

- **Sponsored by AMCA and industry members of the Association**
- **Registration is FREE to members and a limited number of travel stipends are available**

**Mark your calendars!**

**May 4-6, 2015  
Hilton Crystal City Hotel  
Arlington, VA**

**More information at:  
<http://www.mosquito.org/washington-conference>**





# Future AMCA Annual Meetings

## 2017 Annual Meeting

February 13-17 **NEW SCHEDULE!**

**MONDAY – FRIDAY DATES!**

Town and Country Resort and Convention

Center, \$179 single/double

San Diego, California

## 2018 Annual Meeting

February 26-March 2

Sheraton Kansas City Hotel at Crown Center

Kansas City, Missouri

## 2019 Annual Meeting

Dates and Hotel to be Determined

Orlando, Florida





## Member State Membership Totals (as of JAN 2016)

### Mid-Atlantic Region

District of Columbia- 4

DE- 6

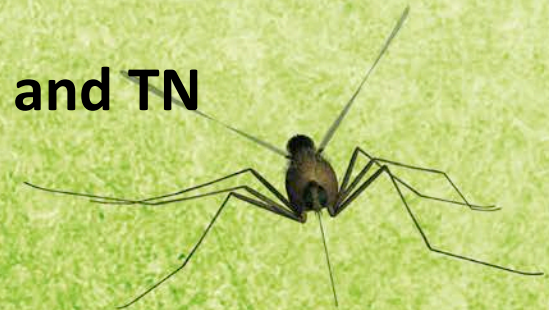
MD- 19

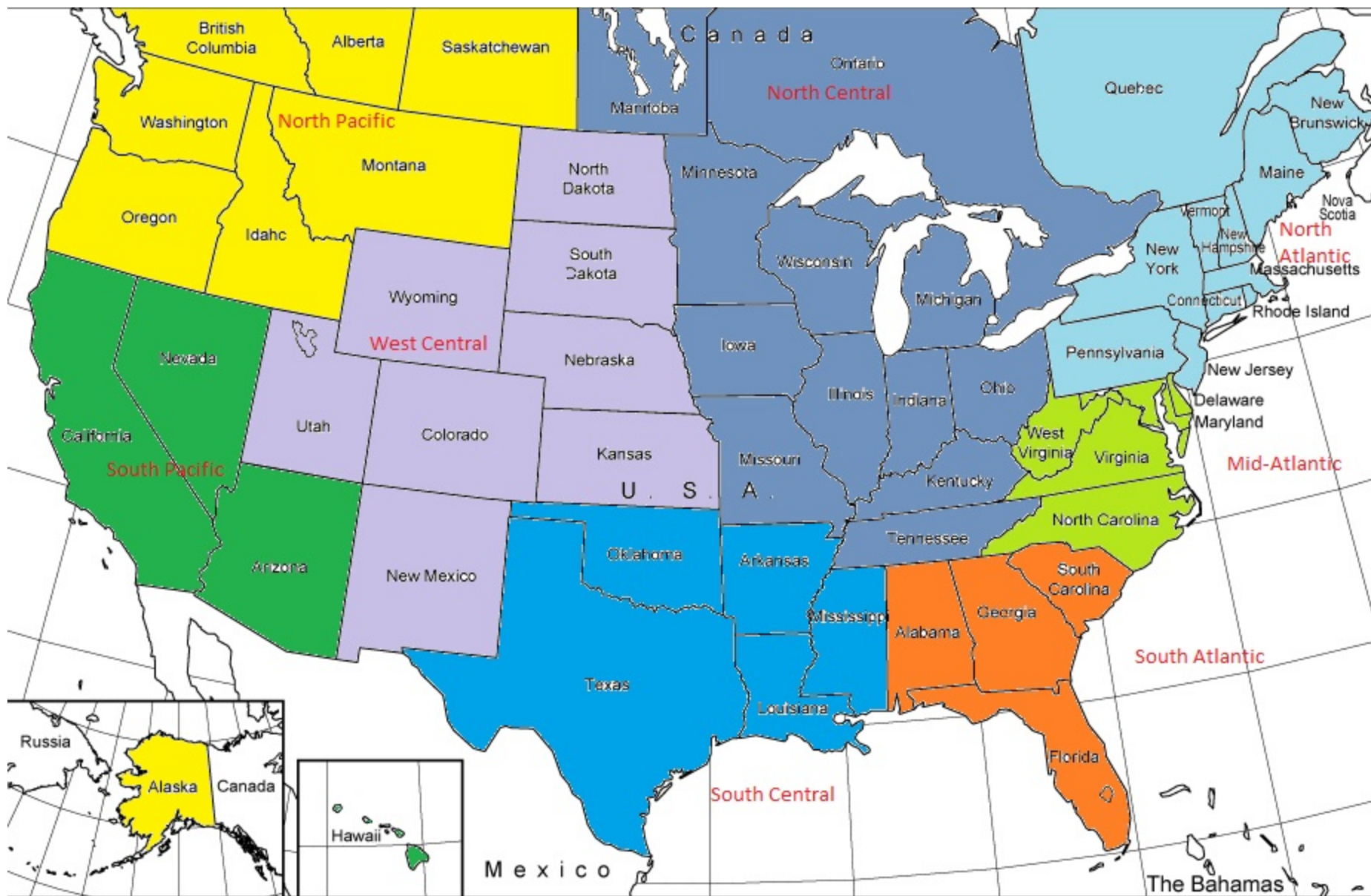
NC- 35

VA- 34

WVA- 2

**\*\*Note that the MAMCA states of GA, PA, SC, and TN are not in the AMCA Mid-Atlantic Region.**







**UPDATES**

- **Federal Legislative/Regulatory Issues**
  - NPDES-Sportsman's Bill(S. 659)
  - EPA Actions on Organophosphates
- **Federal Funding Initiatives/Requests(2016)**
  - Congress-see next page
  - CDC-direct funding of \$5 million to AMCA
- **AMCA Zika Task Force(created 2016)**
- **New AMCA Executive Director**





# AMCA Federal Funding Requests

- ❑ **CDC/DVBD arbovirus support** -- \$50 million/yr (up from \$26.8 million/yr)
  - ❑ \$22.5 million/yr for DVBD arbovirus work at federal level (up from \$17.0 million/yr)
  - ❑ \$27.5 million/yr for arbovirus work **at state levels** via annual ELC grants (up from \$9.8 million/yr)
    - ❑ Half (\$13.75 million/yr) for state public health labs for arbovirus testing and reporting
    - ❑ Half (\$13.75 million/yr) to **local MCDs for arbovirus-related field work**
  
- ❑ **MASH Act** -- \$100 million (authorized but not appropriated) – to start new MCDs, augment operations of existing MCDs
  
- ❑ **Mosquito Control toolbox needs** -- \$27 million
  - ❑ **FQPA provision** -- \$12 million (authorized but not appropriated) – to help support data collections for registration of minor use public health pesticides
  - ❑ **Mosquito control R&D** – \$15 million -- to support development and implementation of new chemistries, novel control approaches

# Federal \$\$ for “local MCDs” Mosquito Control work

- ❑ Mosquito population monitoring – larvae, adults
  
- ❑ Mosquito-borne disease surveillance
  - ❑ Specimen collection – mosquitoes, birds, chickens
  - ❑ Arbovirus testing and reporting
  
- ❑ Source reduction -- water management, sanitation
  
- ❑ Chemical controls – larvicides, adulticides
  
- ❑ Biological controls – fish, nematodes, fungi, bacteria
  
- ❑ Public outreach – media awareness, public education
  
- ❑ Mosquito control R&D – new chemistries, novel approaches

**We can do more with more, and we need to do more!**



**UPDATES**

- **Mosquito Research Foundation**  
-to become part of AMCA
- **Annual Meeting locations and hotels to be planned 5 years out (starting in 2016)**
- **Journal to become 'open access' platform (effective date to be determined)**





# Membership Categories

- **Regular Membership \$130**
  - Receives 4 issues of: JAMCA & Newsletter
  - Right to vote on association matters
  - Access to “Members Only” area of AMCA website
- **Student Membership \$30**
  - Receives 4 issues of: JAMCA & Newsletter
  - Access to “Members Only” area of AMCA website
- **Associate Membership \$60**
  - Receives 4 issues of: Newsletter
  - Access to “Members Only” area of AMCA website
- **Sustaining Membership (Based on budget)**
  - Includes 1 Regular Membership or 2 Associate Memberships plus additional benefits
  - Significant financial contribution to legislative efforts
  - Recognition on website, publications, and at meetings
  - All employees receive discounted member rates at events/webinars

