

AMCA[®]

NEWSLETTER

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Upcoming Events

AMCA 2027 Annual Meeting

St. Louis, MO
March 1-5, 2027

View our event [calendar](#).



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Next Issue Deadline: August 15, 2026

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On The Cover

Our mission is to enhance health and quality of life through the suppression of vector-transmitted diseases and the reduction of mosquitoes and other public health pests by providing leadership, information, collaboration, tools, and education.

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AMCA RESEARCH FUND

Mosquito control is science-based. Mosquito control professionals use observation of mosquito populations, evaluation of novel control technology and predictive modeling to determine the best way to manage mosquito populations and prevent pathogen transmission. Mosquito control has benefited from a long history of research within mosquito abatement agencies, at public and private universities, and at other qualified research institutions examining how to improve mosquito control to provide a better quality of life for the public.

2026 RESEARCH FUND AWARDEE

Kelsey Lyberger, *"Improving Mosquito Control Thresholds to Maximize impact across species"*
Arizona State University.

CONTRIBUTIONS TO THE AMCARF ARE NOW BEING ACCEPTED!

The AMCA Research Fund is currently accepting contributions for future research on mosquito control and related topics. Contributions can be made online through the [Research Fund webpage](#) or by check payable to:

**AMCA Research Fund
ATTN: Megan MacNee
1 Capitol Mall, Suite 800
Sacramento, CA 95814**

AMCA WOULD LIKE TO THANK THE FOLLOWING CONTRIBUTORS

- ADAPCO
- *Anonymous Contribution*
- Canyon County MAD
- Contra Costa Mosquito and VCD
- Michigan MCA
- Sacramento-Yolo Mosquito and VCD
- Schools First Federal Credit Union
- Valent BioSciences



President's Message

Dr. Isik Unlu

Hi everyone, from the Indian River Mosquito Control District in Vero Beach, Florida. There are new things to learn and new challenges to face, but I am not worried, knowing the support I already have. One of the former Indian River Mosquito Control District directors, and past AMCA President Doug Carlson, has already offered help, and I cannot thank him enough. I've already taken rides with a few team members, and when Jules Morel and Faron Tyler started talking about pumps and culverts, I had to stop and tell them to explain everything as if I were a 5-year-old. Had I ever seen an Impoundment before stepping into Indian River County? When I became a team member on the Area-Wide Asian Tiger Mosquito Project in Mercer County, NJ, in 2008, I had no clue about container-inhabiting mosquitoes beyond publications I had read during my PhD. I had great support and mentors, though.

Please look at this photograph: giants of Entomology, Dan Strickman, George O'Meara, Gary Clark, Roger Nasci, and Dan Kline. I used to tell Dan Strickman, I still can't say my dear mentor's name without feeling a knot in my throat, that I would use this picture as the cover page of my resume for future job applications. During my years at Rutgers University, I had the privilege of working with and learning from one of the most brilliant scientists of our time, Randy Gaugler. To this day, he continues to amaze me with his ideas and our discussions. I am extremely lucky to have the privilege of learning from legends in our field once again: Gordon Patterson, Jonathan Day, George O'Meara, and Phil Louinibos, because of my move to Indian River County. Mentorship is one of the most important aspects of training the next generation of scientists, providing guidance and professional development that extends beyond the limitations of formal education. If I claim any accomplishments throughout my career, it is because of my mentors. My men-

tors provided valuable advice, shared their stories and lessons learned, offered constructive feedback, and sometimes gave me feedback that upset me and took some time to process and understand. In the end, they always helped me navigate challenges and prepared me for career opportunities. I am so proud of our Young Professionals program, and I would like to thank everyone, including academia, industry, mosquito control programs, and all the above, for helping AMCA continue this program and the mission. Mentorship that helps prepare future generations to face the challenges ahead is one of my priorities.

“ Although our annual meeting always draws significant attention and participation, the AMCA Washington Days Conference is another very important meeting for us, and it is more than just a presentation-only event. ”

Talking about challenges. Oh my, do we have some challenges, including legislative and regulatory ones? Although our annual meeting always draws significant attention and participation, the AMCA Washington Days Conference is another very important meeting for us, and it is more than just a presentation-only event. It is a great opportunity for us to ensure that elected officials and policymakers hear the voices of public health professionals. If



we don't tell them our stories and challenges, who else would do it, and how would they be aware and make the necessary decisions to support public health? The challenges we face in vector

“ Time is flying... The AMCA call for papers announcement will be out soon. I encourage everyone to attend the Annual Meeting in Saint Louis, Missouri. ”

control and vector-borne disease prevention are becoming more complex each year. The list is long, and the problem is complex, from emerging diseases and changing environmental conditions to unstable funding. You likely experience all these challenges every day. During our Washington Conference, we voiced our immediate and long-term needs during the scheduled meetings. I was extremely excited about our request for additional funding to make VectorServ a national program. Between you and me, I am still a little nervous during these meetings, but I could not stop talking about why we need VectorSurv, and even Herff

Jones could not make me stop. 😊 If any one needs a mentor for meetings with politicians, he is one of our best mentors. I am thrilled that it seems our hard work in May is paying off, as the House Appropriations Committee proposed in the new budget to increase the ELC line item to \$55M from the prior flat-line level of \$40M, like we were asking! Another exciting development during the meeting was that the Kay Hagan Tick Act passed the House Energy and Commerce- Health Subcommittee while we were there. I want to thank all AMCA members who had the opportunity to attend, and all the mentors who helped everyone get comfortable and confident during the appointments. It was such a privilege to share knowledge and experiences with dedicated professionals who never hesitate to go above and beyond to protect public health.

Time is flying... The AMCA call for papers announcement will be out soon. I encourage everyone to attend the Annual Meeting in Saint Louis, Missouri. As you all know, this is a great opportunity to connect with colleagues, share ideas, and receive updates on cutting-edge developments in our field. It wouldn't be an exaggeration to say that our annual meeting helps shape the future of our organization. Annual meetings wouldn't be possible without your participation and valuable input. Whether you're a longtime member or attending for the first time, the annual meeting offers unmatched networking (my favorite), educational, and professional development opportunities. We look forward to seeing you there! ■



Photo by Everett Drager on Unsplash



Technical Advisor Report

Daniel Markowski, PhD and James J. Lunders

A few weeks ago, we attended AMCA's Washington Conference. Once again, it was a productive and informative meeting. While walking from one Congressional meeting to the next, Jim and I had ample time to talk and one of the topics was membership and how valuable it was for AMCA members to have a presence in D.C. at this time. Jim reminded me that he wrote an article, years ago (2013 as it turns out) highlighting the importance of membership. I asked if he could find it. Of course, he did. So, I thought we could update it a bit and republish it for a new generation. What, perhaps, is most interesting is how little we had to update. The issues and importance of membership from years ago are still very much relevant today.

We were facing decreasing budgets, rising costs, and increasing regulations nearly 15 years ago and many of our programs are facing these exact same issues today as environmental groups attack our practices and legislators look to decrease governmental spending and taxing. For these reasons, it's a good time for those of us involved in mosquito control to reassess our involvement in state, regional and national organizations. For many of us there is ever increasing pressure to cut membership to these organizations from our budgets to save money. However, we should really take a moment to consider not only the benefits of membership, but also how it saves money and quite possibly our livelihoods – namely our mosquito control programs.

State Organizations: To many this will seem obvious, but the importance of active involvement in your state organization cannot be overstated. You and your colleagues in your state are all impacted by the exact same rules and regulations as well as the same permits, fees, and political pressures that must be dealt with each season. By working together on things such as Pesticide Discharge Management Plans, NPDES Annual Reports, impending legislation, etc, you not only save precious time and resources, but decrease the likelihood of making mistakes that could be even more costly. Standing as a strong cohesive group when dealing with state regulatory agencies also ensures that regulations are enforced evenly throughout the state, so no individual in the group is treated unfairly by a regulator.

Regional Organizations: The greatest benefit of membership in your larger regional association is information. Quarterly newsletters, spring workshops, and annual meetings are all great ways to stay informed on the regulatory and legislative front. The policies in surrounding states very often become issues in your state sooner rather than later. Operationally, these meetings are an excellent source of new and innovative methods for record keeping, larviciding, adulticiding, mapping, etc. The combined knowledge base of the group is also a tremendous resource. Having a large group who deal with diverse habitat and regulatory environments you can contact when seeking advice is worth far more than the small membership costs.

AMCA: Membership in the AMCA adds another, nationwide, layer of contacts when you need help finding a solution to a problem. With more than 1,200 members and a worldwide reach, it is very likely someone has faced a similar situation to the one you are trying to solve. The researchers and colleagues you meet at the annual meeting can be an excellent resource for protocols and support for your expanding program needs. Publications such as Wingbeats, the AMCA Journal and these quarterly newsletters keep you up on the latest research, products and legislation. "Members Only" access to parts of the AMCA's website also provides you with valuable tools to help you operate. The "Technical Advisor" Dan Markowski is available to give you information on specific topics or give you contact information of experts who can help you with specific questions. The AMCA annual meeting and webinars offer fantastic opportunities to learn directly from experts on a wide range of topics.

And back to the genesis of this discussion, the AMCA plays an active and significant role in legislative and regulatory matters that affect every one of our programs. All funds from sustaining memberships over the standard membership fee go to legislative advocacy. The AMCA is your only voice in Washington D.C. on the growing number of legislative and regulatory issues that affect our industry. Attending AMCA's Washington Conference and requests to send letters to your congressman provide you with a powerful voice in favor of mosquito control. Without representation in Washington, where would we be? If you're not at the table, then you're likely to be on the menu.

“ ...AMCA plays an active and significant role in legislative and regulatory matters that affect every one of our programs. ”

There isn't enough space in one article to discuss all the benefits of membership to each of these organizations nor to discuss other organizations that have a role in the promotion of the mosquito control industry. We do hope, however, that when budget time rolls around you make the decision to support the organizations that support you at the state, regional and national level. They are powerful resources for your program and your voice on state, regional and federal mosquito control issues. Remember organizations are their members, without you they will cease to exist. The various mosquito control associations around the country are your voice on these important issues. Will you support them? Or would you prefer that those opposed to mosquito control be the only voices your commissioners, legislators and regulators hear? The choice is yours. ■



South Pacific Director Report

Peter Bronkrude • South Pacific Director

The 2026 season opened early and warm across much of the South Pacific Region. A mild winter and wet spring moved surveillance start dates forward in several states, and early-season mosquito abundance and West Nile virus (WNV) activity are running ahead of last year in parts of California, Nevada, and Arizona. Invasive *Aedes aegypti* continues to expand its range, and sterile- and incompatible-male release programs are scaling up region-wide. Travel-associated introductions of dengue and West Nile also remain a shared concern across the region, even where local transmission has not been detected. The summary below combines district reports from across the region with recent reporting from each state, covering activity from January through mid-June 2026.

CALIFORNIA

Coastal districts opened the year with their second annual Invasive *Aedes* Summit, setting *Aedes* control and surveillance plans for the season. Several Coastal districts plan to deploy the sterile insect technique (SIT) for the first time in infested parts of their counties, and voters in Santa Cruz and Santa Clara counties approved assessment increases. In Southern California, districts report higher-than-average abundance of both *Culex* and *Aedes*, which managers expect to translate into an active disease season; most are working with SIT in some capacity to evaluate how it integrates into their programs and what scaling would require.

In the Northern San Joaquin region, Turlock MAD is inspecting and treating Turlock Irrigation District electrical transformer vaults, roughly 3,000 of an estimated 30,000 vaults to start. Some vaults run eight feet deep and are entirely flooded, submerging electrical equipment, and have proven to be significant neighborhood breeding sources, particularly for *Aedes aegypti*. The district negotiated access under SB 1251 and plans to collect data and imagery to share guidance with other districts facing utility-vault breeding. Crews completed the necessary training and protective-equipment setup before entry, and each inspection requires opening a vault only enough to check for standing water. Turlock MAD is also expanding its MosquitoMate *Wolbachia* release footprint from 25 to 100 acres this year, growing the original Turlock plot to 50 acres and adding two 25-acre plots in Hughson and Denair. Across the model region, every participating district is now contracting with VDCI for aerial mosquito control, a first. San Joaquin MVCD is preparing to bring a new laboratory facility online.

In the Southern San Joaquin Valley, Delta MVCD and Fresno MVCD both report high early season counts of *Culex* and invasive *Aedes*. Consolidated MAD is seeking a formal agreement with PG&E for utility-vault inspections, echoing the access work underway to the north, and Tulare MAD is still awaiting FEMA

clearance for reimbursement tied to the 2023 winter storms. Fresno Westside MAD held a well-attended open house. Elsewhere in the valley, Westside MVCD is resealing its yard for safety and longevity, and a vendor recently approached Kern MVCD about using aerial photography to locate neglected green swimming pools.

West Nile virus arrived early statewide. The California Department of Public Health confirmed the first 2026 activity this spring through dead birds in San Diego, Alameda, and Santa Clara counties, and by early June at least nine counties had reported activity, with positive mosquito samples in Los Angeles, Orange, Fresno, and Riverside counties and no human cases yet. Fresno County's first detection came weeks earlier than in 2025, and the Coachella Valley MVCD reported an early-season positive in North Shore.

“ In Southern California, districts report higher-than-average abundance of both *Culex* and *Aedes*, which managers expect to translate into an active disease season... ”

On the invasive front, *Aedes aegypti* has now been detected in more than two dozen of California's 58 counties with new spring finds including Boulder Creek in Santa Cruz County and additional sites in Contra Costa County. And in a development relevant to the region's SIT work, Verily's Debug program has applied to EPA for an Experimental Use Permit to release up to 32 million sterile *Wolbachia Aedes aegypti* males across California and Florida over two years; the application is under EPA review with a public comment period.

NEVADA

Per the Southern Nevada Health District (SNHD), 2026 surveillance in Clark County has set 1,030 traps and submitted 1,064 pools representing 23,385 mosquitoes; none have tested positive for WNV, SLEV, or WEEV to date. SNHD reported the season's first human WNV case in early June, a Clark County woman in her 40s with neuroinvasive illness who was hospitalized and has since recovered. No human cases were reported in 2025, following 26 in 2024.

Aedes aegypti, established in southern Nevada since 2017, now spans more than 60 ZIP codes, and mosquito counts this year are running more than double 2025, with roughly 92 percent of tested mosquitoes identified as *Culex quinquefasciatus*. SNHD began surveillance about a month early this year after the mild winter and wet spring, and UNLV's mosquito lab is studying whether WNV overwinters locally. Public complaints have climbed alongside the *Aedes aegypti* expansion, and the district's Fight the Bite outreach continues to stress draining standing water and using repellent.

ARIZONA

Arizona held its annual Vector Conference in April, hosted by Pima County. Alongside the state's monthly Arbo Calls, programs have begun hosting an informal series called the Bug Buzz to work through questions and challenges, aimed especially at groups new to vector surveillance and control. A separate 3D-print workshop covered building and modifying surveillance traps and tools; a few programs have started fabricating and repairing their own traps, and the session focused on the challenges of 3D printing for Arizona's harsh environment.

The arbovirus season started early. Without a significant frost across the southern part of the state, abundance of mosquitoes of medical importance was already significant in February. *Culex tarsalis* and *Culex quinquefasciatus* peaked in March and have persisted in many areas even as temperatures climb and recent rainfall stays light. *Aedes aegypti* started slower but rose sharply in the first two weeks of June. With lower precipitation, floodwater mosquitoes have stayed below average statewide, with significant catches in only a few areas.

“ The arbovirus season started early. Without a significant frost across the southern part of the state, abundance of mosquitoes of medical importance was already significant in February. ”

Virus detections in mosquitoes have run high for this point in the season: 136 WNV-positive pools across five counties and 46 SLEV-positive pools in two counties as of June 12. SLEV pools peaked in April and declined through May, while WNV positives peaked in May and are still being added weekly into June. On the human side, Arizona has recorded 19 WNV cases, including two deaths, across three counties as of June 12, above expectations for this point in the year. May alone brought nine cases against a five-year (2021–2025) monthly median of one, an early surge that mirrors what surveillance is seeing in the mosquito population. Dengue, Zika, and chikungunya remain travel-associated in Arizona

rather than locally acquired, which keeps *Culex*-borne West Nile and St. Louis encephalitis the season's central public-health focus, and state and county programs are running public messaging to reinforce bite prevention.

“ Hawai'i's signature mosquito-control effort remains the “Birds, Not Mosquitoes” partnership, which uses the incompatible insect technique to suppress invasive *Culex* that spread avian malaria to native honeycreepers. ”

HAWAI'I

The Hawai'i Department of Health has reported five travel-related dengue cases in 2026 to date, on Maui, O'ahu, and Kaua'i, all in returning travelers, with no evidence of local transmission. The DOH Vector Control Branch conducted inspections and mosquito reduction around each case, and recent Kona Low storms prompted renewed standing-water reminders. As a major travel destination with established *Aedes* populations, the state continues to lean on rapid case response and traveler awareness to keep introductions from taking hold.

Hawai'i's signature mosquito-control effort remains the “Birds, Not Mosquitoes” partnership, which uses the incompatible insect technique to suppress invasive *Culex* that spread avian malaria to native honeycreepers. More than 40 million *Wolbachia*-carrying males have been released across Maui and Kaua'i since late 2023, increasingly by drone, and EPA issued a *Wolbachia* release permit for the Hawai'i program this spring. The releases are intended to hold invasive mosquitoes below the high-elevation forests where the islands' last honeycreepers survive, a refuge that warming temperatures are steadily eroding.

IN CLOSING

Early, warm, and active is the theme so far, earlier surveillance starts, earlier West Nile detections, and rising *Aedes* abundance, set against the expanding use of sterile- and incompatible-male tools across the region. The growing exchange of methods across districts from utility-vault access to in-house trap fabrication to sterile- and incompatible-male releases has been one of the season's more encouraging threads. Thank you to everyone who contributed district updates for this report. Stay cool and safe through the summer, and I look forward to seeing many of you at the regional and statewide meetings ahead. ■



South Central Director Report

Colby Colona • South Central Director

Summer has once again reared its ugly head in the South-Central region. With the rising temperatures and torrential rain comes the inevitable surge in mosquito activity, and for many of us, the worst it gets all year. Here is a look at where our region stands, a recap of our spring advocacy, and a preview of what's coming up soon.

ARBOVIRUS ACTIVITY

While the season is still unfolding, we are already tracking virus activity across several states:

- **Texas:** Reporting 67 mosquito samples positive for West Nile virus (WNV). Texas has also seen several imported, Aedes-associated human cases (dengue and chikungunya), alongside confirmed human WNV activity.
- **Louisiana:** Reporting nearly 20 WNV-positive mosquito samples.
- **Oklahoma:** No positive mosquito samples reported yet, though human WNV activity has been detected.
- **Mississippi & Arkansas:** Currently reporting zero mosquito virus activity.

TRAINING AND ADVOCACY

Multiple opportunities for training and recertification are happening all over the region!

- **LMCA Spring Workshop (April/May):** As always, the LMCA brought a great training program to its members. They also pivoted to an engaging, brand-new virtual format over weekly sessions rather than a classroom setting.
- **TMCA Spring Workshop (April 8–9):** Brought members together in San Antonio for an informative couple of days of learning and collaboration.

- **AMCA Washington Day (May 12):** Our region made a strong impression on the 27th annual march on the Hill. Representing the LMCA were AMCA Past President Herff Jones, President Dr. Isik Unlu, Dr. Claudia Riegel (Gulf South Vector), and Andrew Scherer. Representing TMCA, Nina Dacko even had the opportunity to meet directly with Senator Ted Cruz!

Advocacy: Our delegation had vital conversations with lawmakers to emphasize the critical importance of local mosquito control, the Kay Hagan Tick Act, the SMASH Act, and the direct benefits these initiatives bring to their constituents. *(A big thank you to Nina for providing this summary from the TMCA newsletter!)*

If you haven't yet attended Washington Day, it is an incredibly rewarding experience and worth prioritizing in the future. Advocacy and outreach are more vital now than ever. We are experiencing first-hand the urgent need to prove the importance of our work to constituents. If you don't know where to start with your planning, please reach out and I will be happy to help you!

UPCOMING EVENTS

Be sure to save the dates for these key upcoming meetings, professional development opportunities, and training sessions:

- **Mosquito Academy:** September 22–24 | New Orleans, LA
- **TMCA Annual Meeting:** November 17–19 | South Padre Island, TX
- **LMCA Annual Meeting:** December 8–10 | Lake Charles, LA

Please visit your state association's website for registration links and further details, or feel free to reach out to me directly with any questions.

Wishing you all a safe, healthy (and hopefully quiet!), summer season! ■



North Atlantic Director Report

Priscilla Matton, MS • North Atlantic Director

The North Atlantic region is coming out of one of the coldest winters in years. Above average snowfall recorded in southern New England, while Maine, Vermont and New Hampshire had below average snow. The region is in a notable drought that is continuing as long-term precipitation deficit is carried over from late 2024.

Huge thanks to all who contributed to this report, without the region's input this report would not have been possible.

MAINE

Coming out of, for Maine, severe drought conditions in 2025, Maine is still seeing the effects of below average precipitation. Most of Maine, while now out of drought, still is in a water deficit, resulting in wetlands at much lower levels than normal. Consequently, several sites are seeing below average populations of *Culiseta melanura* in forested crypts. Colder temperatures have also delayed the emergence of snowpool species as well as saltmarsh species along the coast.

In cooperation with the NEVBD/TEC at Cornell University, MaineHealth Institute for Research conducted the 2026 Vector Biology Boot Camp from May 18-20. Young professionals ranging from Maine to Puerto Rico attended the three-day workshop covering a wide range of topics, including pesticide resistance monitoring, field methodology and data management. This training has been a huge success and a great benefit for the region.

“ Most of Maine, while now out of drought, still is in a water deficit, resulting in wetlands at much lower levels than normal. ”

VERMONT

Early season snow-melt mosquitoes seemed to be very light this year. Last year's extreme drought may have had an impact. We have our 107 trap sites set up for routine statewide EEE/WNV/JCV surveillance and are collecting as of June 8, 2026. EEE was very much on the downswing last year, with only 3 EEE+ mosquito pools, down from 86 in 2024. We're hoping that was the last of this current round of EEE in Vermont for a few years.

2026 is a banner year for dog ticks so far, and this spring we reported

8 new towns with black-legged ticks. We had a *Theileria* cattle death in southwestern VT on the border of NY state where long-horned ticks have been reported. We are doing an intensive surveillance effort around the farm but haven't found any yet and will continue with our annual deer and bear long-horned tick surveillance during hunting season. We're combatting the conspiracy theories about "tick boxes" being dropped from airplanes onto farms and doing our best to allay fears about alpha-gal syndrome. Vermont does not have an established population of lone star ticks.

“ We had a *Theileria* cattle death in southwestern VT on the border of NY state where long-horned ticks have been reported. ”

RHODE ISLAND

In Rhode Island, populations are at record high numbers for mosquitoes in our light traps in late May and early June. These are unexpectedly high numbers for this early in the season. The trap sites remain the same as previous years, but this year we have tripled the number of gravid traps set to better target *Culex pipiens/restuans*.

NEW JERSEY

The season that brings us all to life is once again upon us. It began with a flurry, several days straight of heavy rain in May, several unusual cycling hot and cold spells followed by 12 WNV positives within the first week and a half of mosquito testing. The first positive was collected in MMWR week 18, not our earliest, but still early and in counties that typically don't show early WNV activity! A more recent hot and dry spell has now set the stage for what could be an active mosquito control season.

In addition to our normal duties this season, surveillance for exotic mosquito-borne disease will be enhanced through the NJ State Mosquito Control Commission. The FIFA World Cup will bring millions of visitors into the State from all over the world, potentially introducing vector-borne disease to the region. Increased trapping and testing are expected along with more proactive preventative measures throughout the State. The FIFA World Cup brings in players and staff to base camps,

training sessions, open practices, and games. To add to the commotion, soccer fans from all over will be coming in to stay, spending time at the above events, as well as sponsored and unofficial fan events. It will be difficult to target specific areas and will need to be a State-wide effort.

CONNECTICUT

The Connecticut Agricultural Experiment Station, as part of the CT Mosquito Management Program, will monitor mosquito and mosquito-borne virus activity from 108 trapping sites located in 88 towns from June 1 through the end of October in 2026. Detections of eastern equine encephalitis, Jamestown Canyon, LaCrosse, and West Nile viruses from mosquito samples will be updated throughout the season on our website [State of Connecticut Mosquito Trapping and Arbovirus Testing Program](#). Mosquito collections are made with dry ice baited CDC miniature light traps and CDC gravid traps baited with a hay-yeast-lactalbumin infusion at all 108 sites statewide. Additionally, BG Sentinel traps, targeting *Aedes albopictus* collections, are deployed in select urban and suburban habitats.

“ The FIFA World Cup will bring millions of visitors into the State from all over the world, potentially introducing vector-borne disease to the region. ”

NEW YORK

To reduce mosquito activity and the risk of West Nile virus, the NYC Health Department will conduct aerial larviciding treatment for the first time this summer from June 8-10, treating non-residential marshes and wetland areas of the Bronx, Brooklyn, Queens, and Staten Island. The NYC Health Department conducts ongoing mosquito surveillance throughout the five boroughs and monitors mosquitoes for West Nile virus and other mosquito-borne diseases. Periods of warm weather, rainfall, and high tides created ideal breeding conditions for mosquitoes in marshes and wetlands. To date, no human cases of West Nile virus have been reported in New York City this year.

In Central New York, early summer rain events have triggered larvicide treatment applications to standing water. The goal is to stay ahead of the seasonal curve rather than react after the problem has already grown. Public health messaging and proactive tips to avoid mosquito bites and your risk of mosquito-borne illnesses is ongoing across Central New York. In areas where EEE is endemic, surveillance is critical to understanding risk.

NEVBD

The Northeast Regional Center for Excellence in Vector-borne Disease (NEVBD) Training and Evaluation Center has opened submissions for pesticide resistance monitoring for the mid-Atlantic and northeast regions starting June 15, 2026, through August 27, 2026. The options this season for specimen submission kits are for *Aedes albopictus*, *Culex pipiens/restuans*, and *Culiseta melanura* mosquitoes. For mosquito control districts, *Cs. melanura* is a great addition to resistance testing because of concerns for EEE in the region.

Training remains a core priority of NEVBD, and we are expanding our offerings to better support our partners. We are now providing a formal mechanism to request remote training sessions tailored to your agency's needs, experience level, and areas of interest. These sessions can be especially useful for onboarding new seasonal staff or summer interns, supporting established staff who are transitioning to new responsibilities, or building capacity for new program activities such as adopting tick surveillance or implementing in-house IR testing.

Our team is currently offering one-hour training sessions with our subject matter specialists on the following topics:

- Mosquito biology
- Mosquito collection and processing
- Mosquito rearing
- Pesticide resistance bioassays in the laboratory setting
- Submitting to the NEVBD Pesticide Resistance Monitoring Program
- Tick Biology
- Tick collection and processing

MASSACHUSETTS

The state has been in a persistent drought for the past few years, leading to lower ground water levels. With the abundance of snow, early season mosquitoes were at the highest collections since 2021. This is seen in both fresh and saltwater habitats. *Culiseta melanura* populations are falling in line with the 5- and 10-year averages. Late season EEE activity is a predictor of activity in the following year, but low rainfall is a predictor of less activity, so this year is an unknown. Currently June has been unseasonably hot with small rain showers that are good for *Culex* development.

In terms of World Cup activities; a new website: [Protecting Public Health During the World Cup | Mass.gov](#) has been created. Public education about local mosquito and tick-borne diseases and how to prevent bites has increased. A memo to providers reminding them to be on the lookout for non-endemic diseases that need to be identified and treated promptly; i.e. malaria but also dengue. While no specific additional trapping or testing by DPH or local mosquito control districts are planned, MA DPH will be responsive if human cases show any concerning patterns. ■



Legislative and Regulatory Committees Update

Keira Lucas, PhD • Legislative Committee Chair

Priscilla Matton, MS • Regulatory Committee Chair

AMCA had another successful Washington Conference in May. This meeting provides an opportunity to advocate at the federal level for critical issues that directly impact mosquito control programs on the ground. Your voice matters, and this meeting is a chance to see just how powerful our collective advocacy can be.

Angela Beehler, Washington Conference Chair, put together a fantastic educational agenda for the first day before members hit the Hill for meetings with their legislators. We were able to hear from federal agencies and Regional Centers for Excellences and Training and Evaluation Centers all over the country. Valuable information on research was provided, and discussions were had about how important funding is for these Centers to continue.

But the advocacy and relationships with your legislators don't end when we leave DC. There are local offices for your federal legislators just down the road from you and we encourage members to reach out and educate. Take the position papers created by AMCA and talk to the local office about the issues that are important to public health mosquito control right in your communities. <https://www.mosquito.org/action-center/>.

The AMCA Legislative and Regulatory Committee has been actively engaged in several significant initiatives, and many of these were position papers at the Washington Conference. Below are a few key highlights this quarter.

KAY HAGAN TICK REAUTHORIZATION ACT

We all know how important federal support is in the fight against vector-borne diseases. One of our top priorities was securing the [reauthorization of the Kay Hagan Tick Act \(S. 2398/ H.R. 4348\)](#). Whether through the Regional Centers of Excellence in Vector-Borne Disease or CDC grants, this bipartisan legislation helps fund the research, surveillance, and operational tools we need to protect communities from vector-borne disease.

So, what's in the reauthorization? Here are the highlights:

- *Keeps the National Public Health Strategy going* – ensuring HHS continues to update and implement a coordinated approach to vector-borne diseases.
- *Reauthorizes the Regional Centers of Excellence* – funding cutting-edge science, training, and surveillance for another five years (funding is set to expire this year!).
- *Extends CDC grants to state and local health departments* – supporting data collection, early detection, diagnosis, treatment, and public awareness efforts.

We encourage all our members to visit the [AMCA Advocacy Action Center](#) and *contact your members of congress and let them know you support the Kay Hagan Tick Reauthorization Act.*

FUNDING PRIORITIES TO PROTECT AMERICA FROM MOSQUITO AND TICK-BORNE DISEASES.

ELC funding is critical for efforts related to the surveillance, detection, response, and prevention of infectious diseases, including VBD. In 2025, CDC's DVBD received requests for more than \$30 million from the state departments of health for VBD through the ELC program. However, the Division was only able to support \$17 million, a little more than half of the amount needed. The AMCA requests an additional \$10 million through ELC funding to continue and grow support and engagement with VectorSurv.

In mid-June, House Appropriations Committee marked up the Labor HHS FY'27 legislation. ELC is poised to receive a bump to \$55M from the prior flat-line level of \$40M. Advocacy on the House side from our membership should continue to focus on the underlying need for these funds with the added recognition and appreciation for the additional funds provided in the House bill. Keep an eye out for a request through the [AMCA Advocacy Action Center](#). ■



Thank You to our 2026 Sustaining Members

Renew your membership today for the 2026 year!

DISTRICTS

- Adams County MCD
- Alameda County Mosquito Abatement District
- Amelia Island Mosquito Control
- Anastasia Mosquito Control District
- Animas Mosquito Control District
- Atlantic County Mosquito Control
- Beach Mosquito Control District
- Beaufort County Mosquito Control
- Benton County Mosquito Control District
- Box Elder Mosquito Abatement District
- Broward County Mosquito Control
- Butte County MVCD
- Canyon County Mosquito Abatement District
- Cape Cod Mosquito Control
- Citrus County Mosquito Control District
- City of New Orleans Mosquito, Termite and Rodent Control Board
- City of Lubbock Vector Control
- Clackamas County Vector Control District
- Clark County MCD
- Collier Mosquito Control District
- Compton Creek MAD
- Consolidated Mosquito Abatement District
- Contra Costa Mosquito & Vector Control District
- Copper Valley Community Services District
- Delano Mosquito Abatement District
- Delaware Mosquito Control Section
- Delta MVCD
- EBRP Mosquito & Rodent Control (East Baton Rouge Parish)
- East Flagler Mosquito Control District
- East Side MAD
- Florida Keys Mosquito Control District
- Fresno Westside MAD
- Greater Los Angeles County Vector Control District
- Hudson Regional Health Commission
- Iberia Parish MAD
- Indian River Mosquito Control District
- Jackson County Vector Control District
- Klamath Vector Control District
- Lake County Vector Control District
- Lee County Mosquito Control District
- Macon Mosquito Abatement District
- Magna Mosquito Abatement
- Manatee County MCD
- Marin/Sonoma Mosquito & Vector Control District
- Merced County Mosquito Abatement District
- Metropolitan Mosquito Control District
- Monmouth County Mosquito Control Division
- MVMD of Santa Barbara County
- New Jersey State Mosquito Control Commission
- North Morrow Vector Control District
- North Shore Mosquito Abatement District
- Northwest MAD
- Northwest Mosquito & Vector Control District
- Orange County Mosquito and Vector Control District
- Otter Creek Watershed Insect Control District
- Pasco County Mosquito Control District
- Pine Grove MAD
- Placer Mosquito & Vector Control District
- Sacramento-Yolo Mosquito and Vector Control District
- Saginaw County Mosquito Abatement Commission
- Salt Lake City Mosquito Abatement District
- San Gabriel Valley Mosquito and Vector Control District
- San Joaquin County MVCD
- San Mateo County MVCD
- Santa Clara County Mosquito and Vector Control District
- Shasta Mosquito & Vector Control District
- South Salt Lake Valley MAD
- South Walton County Mosquito Control District
- St. Lucie County Mosquito Control District
- Sutter-Yuba MVCD
- Tangipahoa Mosquito Abatement District
- Teton County Weed & Pest District
- Toledo Area Sanitary District
- Warren County Mosquito Commission
- West Umatilla Mosquito Control District

REGIONAL/STATE ASSOCIATIONS

- Florida Mosquito Control Association
- Georgia Mosquito Control Association
- Idaho Mosquito and Vector Control Association
- Louisiana Mosquito Control Association
- Michigan Mosquito Control Association
- Mid-Atlantic MCA
- Mosquito & Vector Control Association of California
- New Jersey MCA
- North Carolina Mosquito and Vector Control Association
- Northeastern MCA
- Northwest Mosquito & Vector Control Association
- Oregon Mosquito & Vector Control Association
- Pennsylvania Vector Control Association
- South Carolina MCA
- Texas Mosquito Control Association
- Utah MCA
- Virginia Mosquito Control Association
- West Central Mosquito & Vector Control Association

INDUSTRY

- AMGUARD Environmental Technologies
- Azelis A&ES
- Clarke
- Helicopter Services Inc
- Leading Edge
- London Foggers, Inc
- MGK Insect Control Solutions
- Rad Source Technologies, Inc.
- Superior-Angran LLC
- Valent BioSciences LLC
- Vectech, Inc.
- Vector Disease Control International (VDCI)
- Vesperis