



The Skeeter

Volume 70, No. 1

April 2010

Awards	2
Annual Meeting Pictures	2
Announcements	3
Thanks to 2010 VMCA Vendors	4
Overview of Emerging Arboviruses	5
<i>Aedes albopictus</i> Project	
First Person: Building a Robotic Spray Can	6
NPDES Permit Update	7
AMCA Update	8
TMVCC Update	10
TRAST Update	10
VMCA Officers	11
Organizational Members	11
MAMCA Update	12
York County Update	12
Chesapeake Update	13
Fairfax County Update	14
VMCA Committees	15
Membership Form	17

President's Message

First let me say that I am humbled by the opportunity to serve as President of the Virginia Mosquito Control Association. The VMCA offers me a different perspective on the mosquito control industry than what I am exposed to as a member of the military. This is an outstanding opportunity for me and one that I take very seriously. At the same time, my perspective has always been that the military members that have served the VMCA have provided a unique perspective that has benefitted the organization enormously. I hope to continue the long line of outstanding service that the military has provided to VMCA.

The VMCA is a very vibrant organization that benefits from having very energetic people. We know that there are several things that are going to effect this organization in the coming year. The National Pollutant Discharge Elimination System (NPDES) permit program is expected to impact almost every district in the state. We are very fortunate to have energetic people, led by Randy Buchanan, on our Legislative Committee that are communicating with DEQ and VDACS in order to determine what the requirements will be and how to best approach these requirements. At the same time, we have benefitted from outstanding communication with the AMCA, especially Joe Conlon. Joe has allowed us to see this from a national perspective. I am confident that we will work our way through this as efficiently as possible.

Our Past President, Lane Carr, began communication to make Virginia a partner in the EPA's Pesticide Environmental Stewardship Program under the auspices of the AMCA. There are many values to being a partner in this program. Most of the requirements for "partnership" are things we are already doing. The program will be another form of recognition of the fact that the mosquito control districts in Virginia carry out their missions in an effective and environmentally responsible way. My hope is that VMCA does become a partner.

At our annual meeting, we asked several times for volunteers to serve on our many committees. If we did not become annoying, we were not trying hard enough. We had a very positive response to this effort. I will be communicating with volunteers shortly in order to get the committees working. This is very necessary for this organization to run smoothly. Most of the committees have been contributing to the mission of VMCA for several years. I am ecstatic to see that we have so many people that are anxious to lend to this association's success.

I would be remiss if I did not make a special note of the efforts of the Local Arrangements Committee for their outstanding efforts in locating an exceptional venue for our 2010 annual meeting. The feedback showed how much this effort was appreciated. A search Committee has begun to look for a 2011 meeting venue. Several factors go into choosing a site. Returning to previous sites is certainly an option. Another option is to explore other regions in the state. If you are interested in assisting in this effort or if you have information on what you think might be a good choice of venue, please contact us.

By now, several people have heard that the Navy is sending me to Afghanistan for several months, starting in July. Charles Abadam and the rest of the Executive Board have agreed to absorb the workload I will be leaving behind. I very much appreciate their willingness to do so. The VMCA is very fortunate to have such dedicated individuals. I plan to participate as much as I can. Certainly, email and other modern communication technology will allow me to stay connected. I do not intend to meddle, however. There are several things I will miss when I am gone. My many friends and colleagues in the VMCA (especially the guitar players) at the VMCA will be in my thoughts. I am certain the VMCA will thrive while I am away.

Again, thank you for letting me serve as your President.

Brian Prendergast



**LCDR Brian Prendergast
VMCA President 2010**

2010 Outstanding Service Awards

Jennifer Welch receives Outstanding Service Award



Jennifer received an outstanding service award for her dedication to the VMCA since becoming a member four years ago. She has been the behind-the-scenes coordinator for the VMCA display board that mysteriously arrives at each annual meeting. Her dedication to the Virginia Mosquito Control Association is exemplified as editor of our quarterly newsletter, the Skeeter. She managed the transition of this role in stride and continues to deliver a thorough and quality product every few months, which on top of her daily job duties, is no small task.

Fairfax County Health Department, Disease Carrying Insects Program receives Outstanding Service Award



This organization, since joining the VMCA, has consistently contributed to the VMCA and the overall betterment of mosquito education and awareness throughout Virginia.

Examples of their dedication include: consistent and valuable contributions to the Skeeter; numerous presentations at annual meetings; the donation of mosquito calendars to VMCA members attending the annual meeting; establishment of the No Va. WNV

manager's group, consisting of approx 10 representatives, who meet regularly to share information; participation in VMCA committees; hosting a larval identification course in 2008, hosting Mosquito U in 2009. The training courses were even offered free of charge to anyone across the state.



Digital Images provided by Carl Sivertsen, Fairfax Co.; and Lane Carr, Henrico Co.

Announcements

The new pesticide bid is out on VA <http://dps.dgs.virginia.gov/dps/contracts/covacontractsinfo.aspx>. Mosquito control chemicals are listed under Herbicides, Pesticides and Insecticides.

This link will take you to the spreadsheet with pesticides and bid prices:

<http://dps.dgs.virginia.gov/DPS/Download/E194-754%20-%20Price%20List.pdf>

Highlights for this bid include: herbicides are now included in this pesticide bid sheet; all vendors were asked to submit lists of products for sale in the state of Virginia; generic formulations are listed for comparable products, and clothing pre-treatments are now listed.

Upcoming Dates

- | | |
|-----------|---|
| May 6 | TRAST Meeting, Location & Time TBA |
| May 10-12 | AMCA Annual Spring Washington Days |
| May 12 | TMVCC Meeting, Clarke– Jeff Hottenstein, Newport News, Stoney Run Park, 11 AM |
| June 4 | VMCA Day at SRI, 11 AM |

The VMCA is dependant on its members to get things done. Take the time to volunteer for a committee in 2010. Your meeting registration packets contained a form you can use to sign up for a committee. You can also contact any board member or committee chair at any time to participate.

2010 VMCA Presentations now available on the website!!!

<http://www.mosquito-va.org/2010ppt.htm>

**The VMCA organization mailing address,
make sure you send all forms to the proper address.**

Virginia Mosquito Control Association
JoAnn Beasley, Secretary/Treasurer
179 Lilly Road South Mill, N.C. 27976
Phone 252-771-5221 or Cell 757-508-5224
Email dojobeas@earthlink.net

MANY THANKS TO OUR SUPPORTING VENDORS

The VMCA gratefully acknowledges the support of the following sustaining members for 2010. Without their generous contributions much of what we do would not be possible. Please do not hesitate to contact them. They are here to help you.

Ted Bean	Adapco, Inc.	tbean@myadapco.com 800-220-0882
Peter Connelly	AMVAC Chemical	pconnelly@amvac.net 772-563-0606
Don Botkin	Bayer Environmental Science	don.botkin@bayercropscience.com 931-209-1010
Charlie Pate	Central Life Sciences/ Zoecon	cpate@central.com 706-338-4734
Jeff Hottenstein	Clarke Mosquito Control Product	jhottenstein@clarke.com 800-323-5727
Matt Crabbe	Crabbe Aviation, LLC	crabav@gmail.com 804-334-7370
Caleb Stitely	Dynamic Aviation Group, Inc.	cstitely@dynamicaviation.com 800-717-1806
Doug Hill	Nikon Instruments, Inc.	dhill@nikon.net 804-512-2676
Zachary Cohen	Summit Chemical Company	jcohen@summitchemical.com 410-522-0661
Al Kent	Univar USA	Al.kent@univasusa.com 804-615-8648
Jim Andrews	Valent BioScience	james.andrews@valent.com 910-547-8070

Overview of Emerging Arboviruses

Ann M. Powers

Posted on Medscape: 09/17/2009;Future Virology. 2009;4(4):391-401.© 2009

Abstract

Numerous arboviral outbreaks during the past decade have demonstrated that arthropod-borne pathogens continue to be significant public and animal health threats. These outbreaks have occurred globally and have not been limited to tropical or developing countries, as people and goods can be moved anywhere in the world within days. Several examples of recent outbreaks have been described, including how they were identified, tracked and the resulting outcomes from these events. Fortunately, scientific research, including advances in rapid detection of this diverse group of pathogens, has also been progressing. While arboviruses are likely to continually emerge and re-emerge, improved scientific technologies are approaches will hopefully make each future epidemic less likely to occur.

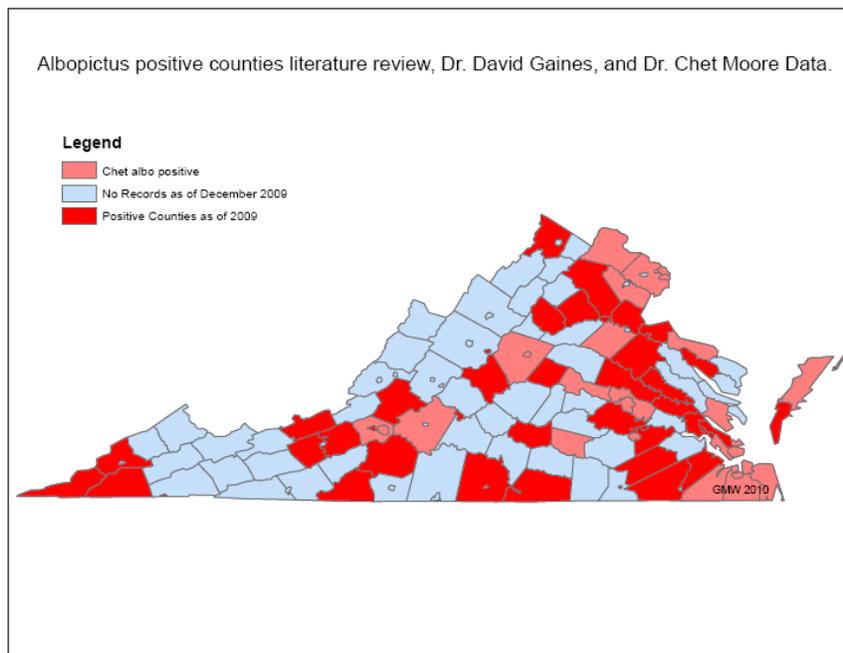
To view and read the complete article, use the following link:

<http://www.medscape.com/viewarticle/708398>

Aedes albopictus Project

Once again we had another presentation at the annual meeting this past year depicting most of the state of Virginia lacking records for *Aedes albopictus*. Several of us are proceeding with a collaborative effort to document the presence of *Aedes albopictus* across the state. At this point in time we are focusing on documentation of individual municipality, county, city or town. Any localities that would like to expand on their local distribution of *Aedes albopictus*, we can use the information for a phase 2 of this project as the VMCA would welcome that information also.

Objectives are to: conduct a literature review for *Aedes albopictus* records, search the state data base for records, design a survey plan (following the invasive species protocol), identify possible sources of funding, and conduct mosquito surveys in counties with out any records. Several folks have graciously volunteered to help conduct surveys on their own time and expense. Anyone interested in participating in the project should contact me at wojcikg@portsmouthva.gov



The following article, written by Jim Rindfleisch, was recently printed in Pest Control Technology Magazine

First Person: Building a Robotic Spray Can

The following article was written by Jim Rindfleisch of the Department of Environmental and Developmental Services, County of York, Va. E-mail him at Rindflej@Yorkcounty.gov.

A couple of years ago I decided to build something that could spray baseboards and floors on its own. Robots that spray pesticide are not a new idea (e.g., several manufacturers make miniature helicopters for aerial spraying). The challenge was to build an inexpensive robot capable of navigating and spraying pesticide inside buildings.

For this project, the iRobot "Create" was used. It's a sophisticated relative of the Roomba floor vacuum, and comes pre-programmed with behaviors that are useful for navigating inside buildings. Some of these behaviors can be adapted to spraying pesticide. The spray module built for the robot is an industry-familiar FMI type "Q" metering pump driven by an electric motor. The assembly is miniaturized as much as possible and mounted on a Plexiglas frame with a pesticide tank attached at the rear. The pump motor uses a separate 12-volt battery stored in the robot's cargo bay. The pump supplies pesticide from the tank to a nozzle located at the rear of the robot.

In real-world situations, the robot worked best in empty spaces. It's not as quick as a human but sprays without intervention. This frees the operator to attend other details of the application. The Create is pre-programmed to follow walls by always navigating itself on the right side. If the unit becomes hung up it will attempt to free itself. If unsuccessful it will call for help, which is useful because robots have a way of getting themselves into situations involving overhanging furniture, protruding pipes, wires and crumpled rugs. Sometimes the machine may fall or get knocked over. For this reason it's important to include a tip-switch in the pump circuitry. Alignment and vibration damping in the connection between the spray unit motor and the pump head is important. Excessive vibration interferes with the robot's sensors, causing the machine to wander off.

Major drawbacks were lack of battery capacity and pesticide load. Too much time was lost re-charging pump batteries. Otherwise the unit worked well enough to try this idea on heavier platforms.

Many of us have thought about building a better mouse trap. Hopefully this project will stimulate interest in building an autonomous spray can.

Pictures taken by
Carl Sivertsen at
VMCA's 2010
Annual Meeting



NPDES Permit Update

National Pollution Discharge Elimination System permit in Virginia is a VPDES permit.

This will be a General VPDES Permit for Pesticides Discharges for those that qualify.

Information provided by Virginia Department of Environmental Quality (VDEQ) is as follows:

Estimated Timeline for Promulgation of the Pesticide General Permit:

Notice of Intended Regulatory Action (NOIRA) – May 10 - June 18

NOIRA will be published in the VA Register on May 10. <http://register.dls.virginia.gov/vol26/Welcome.htm>

The Townhall Website is probably a better place to follow the progression of the rulemaking after May 10:

<http://townhall.virginia.gov/L/ViewAction.cfm?actionid=3261>

Public Meeting – June 9 at 2 p.m. at DEQ Piedmont Office 4949-A Cox Road, Glen Allen, VA 23060

Technical Advisory Committee Formation and Meetings – July – August

State Water Control Board Approval of Notice of Public Comment and Public Hearing – Sept 2010

Public Hearing – Fall 2010

Board Adoption – Winter 2010

Final Effective – April 2011

VDEQ's timeline will follow EPA's promulgation of the GP. Currently EPA doesn't have anything but the court rulings on their web site but I suspect this is where EPA will place their information about their rulemaking:

http://cfpub.epa.gov/npdes/home.cfm?program_id=41

VDEQ is working closely with EPA and VDACS on this permit.

Note that the agency will be seeking comments on the intended regulatory action, including but not limited to 1) ideas to assist in the development of a proposal, 2) the costs and benefits of the alternatives stated in this background document or other alternatives, 3) potential impacts of the regulation and 4) impacts of the regulation on farm and forest land preservation. The agency is also seeking information on impacts on small businesses as defined in § 2.2-4007.1 of the Code of Virginia. Information may include 1) projected reporting, recordkeeping and other administrative costs, 2) probable effect of the regulation on affected small businesses, and 3) description of less intrusive or costly alternative methods of achieving the purpose of the regulation.

Anyone wishing to submit written comments may do so at the public meeting or by mail, email or fax to William K. Norris, Regulation Writer, Office of Regulatory Affairs, Virginia DEQ, P.O. Box 1105, Richmond, VA 23216, Phone: (804) 698.4022, FAX: (804) 698.4347; william.norris@deq.virginia.gov. Comments may also be submitted through the Public Forum feature of the Virginia Regulatory Town Hall web at: www.townhall.virginia.gov. Written comments must include the name and address of the commenter. **In order to be considered comments must be received by DEQ between May 10, 2010, and June 18, 2010.**

We are hoping to coordinate our efforts in representing our interest as an industry in addition to your direct comments to DEQ after the May 10 opening. Do not hesitate to contact the legislative committee to make sure your concerns are addressed in our VMCA comments. We will also need someone w/ adulticiding experience for the Technical Advisory Committee.

Thanks to VDEQ for supplying the above information.

Randy B Buchanan

Legislative Committee



From The Director, AMCA Mid-Atlantic Region.....

Greetings to all of you “Skeeter Readers”! I want to report on two very important events, one which has just transpired and another that is about to commence.

AMCA Annual Meeting

The AMCA annual meeting was held in Lexington, KY March 28-April 1. This was a special event, as we celebrated AMCA’s 75th birthday! The theme of the meeting was “Celebrating 75 Years of Protecting Public Health”. The venue could not have been better, and the meeting facilities were outstanding. By all accounts, it was a very successful undertaking. There were 772 registered attendees as well as the usual vendor displays, posters, scientific sessions and social events.

In commemoration of the 75th birthday, several special touches were added. Among them were 1) a banquet, complete with a slide show of AMCA through the years, 2) an archival display of AMCA memorabilia, 3) a book signing by Dr. Gordon Patterson, author of ‘The Mosquito Crusades’, and 4) production and distribution of a wonderful booklet documenting AMCA’s history.

Several awards were given at the Plenary Session including:

Medal of Honor – Mir Mulla

Meritorious Service Award – Norbert Becker

Presidential Citation – Gary Clark, Gordon Patterson, Yasmin Rubio-Palis

John Belkin Award – Dan Strickman

Industry Award – Peter Connelly

Memorial Lecture Honoree – Harold Chapman

Memorial Lecturer – Tokuo Fukuda

Also, the Hollandsworth Award for best paper in the student competition was won by Sarah Wheeler. Kudos to the staff of Association Headquarters, and especially Kristin Brammell, for putting on a great meeting!

Washington Day

AMCA members and non-members are urged to attend and participate in the 12th annual Washington Day conference, to be held 10-12 May at the Westin Hotel in Alexandria, VA. This is YOUR opportunity to learn about the critical issues facing mosquito control in 2010 from key federal agency personnel and AMCA colleagues. Also, you can participate in our government’s legislative process by visiting your elected officials to address mosquito control concerns.

The conference begins on Monday afternoon with presentations by AMCA members and conference organizers. Tuesday has been set aside for visits with senators, representatives and their legislative aides. Note that rarely do you get to actually speak with a senator or representative; it is usually staffers but they DO carry your messages forward. Tuesday evening, AMCA will hold a reception for meeting attendees and Congressional members and staffers.

Continues on Page 9

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On Wednesday morning, there will be presentations by invited speakers, elected officials, and key federal personnel (EPA usually attends), all of which will be directed at issues in mosquito control. The conference adjourns at noon on Wednesday. The final program should be available on the AMCA website soon, if not there already.

DON'T LET A TRIP TO CAPITOL HILL INTIMIDATE YOU!!! AMCA will provide you with all the tools you need; just bring your brain and legs! You will receive AMCA position papers; talking points; guidance on how to make appointments; guidelines for how to function effectively on "The Hill"; and membership lists of key Congressional committees.

Registration Fees? Nope! For the third year, there is no registration fee but we do ask that you register in advance. Simply go to www.mosquito.org, click on the Meetings tab, and go to Washington Day. There, you can download the form, fill it out, and fax it in. It takes all of about two minutes so do it today!! Also, there is much more general information on Washington Day available on the AMCA website.

Hope to see you all at Washington Day and remember that it is not too early to start planning for the AMCA annual meeting in Anaheim (at the Disneyland hotel, no less!), 20-24 March 2011.

Stan Cope



AMCA's Board of Directors

Seated (left to right): Stephanie Whitman, Yasmin Rubio-Palais, Janet McAllister (President), Doug Carlson (Past President), Roxanne Connelly

Standing (left to right): Bill Meredith (President-Elect), Allan Inman, Dennis Walette, Jim Lunders, Stan Cope, Steve Mulligan, Bill Reinert, Jim Stark, Tom Wilmot (Vice President), John Holick



The 75th Anniversary Banquet



Peter Connelly receives the Industry Award from President Doug Carlson



Outgoing President Doug Carlson receives the traditional plaque from Incoming President Janet McAllister

Pictures are from AMCA Meeting; Lexington, KY 2010

TMVCC 2010

Tentative Schedule

May 12	Clarke– Jeff Hottenstein– Newport News, Stoney Run Park
June 9	Adapco– Ted Bean– Hampton, Sandy Bottom Park
July 14	Univar– Al Kent– Chesapeake, 900 Hollowell Lane.
August 11	Central Life Sciences– Charlie Pate– TBA
Sept 8	Dynamic Aviation– Caleb Stitely– Portsmouth, City Park
Oct 3	Nikon, Inc.– Doug Hill– TBA
Nov 10	Adapco– Ted Bean– Chesapeake, 900 Hollowell Lane.

2010 TMVCC Officers

President– Mitch Burcham burchamg@langley.af.mil
Vice President– Tim DuBois tdubois@hampton.gov
Secretary– Ann Herring mherring@city.suffolk.va.us

TRAST Update

There were concerns that the state budget would close the lab on September 1. The lab could neither confirm nor deny, but did state that the 2010 MOA was signed by the Norfolk Health Director with no end date posted. Both the lab and K. Foley from Chesapeake urged all mosquito control related persons to write your local and state legislative branch with the intent of keeping the Norfolk Lab open for testing. It is unsure whether or not IF the lab closes, if they will have to stop taking samples beforehand in preparation of closing. Also not known is what will happen to historical data and collected virus samples for future comparisons. Virginia Beach questioned Dr. Gaines if DCLS would re-open if all localities would use the lab for mosquito pool and chicken serum testing. Dr. Gaines will look into that possibility. Though all of this, the Norfolk Lab will be going on “business as usual” until word comes down one way or another.

An Ad Hoc Committee was created to look into finding another lab that will test chicken serum and mosquito pools in case Norfolk Lab closes on September 1.

Prices for the 2010 season are as follows: \$19.50 per mosquito pool, \$15.00 per chicken serum.

The next TRAST Meeting is May 6, location and time are TBA.

Virginia Mosquito Control Association Officers 2010

President: LCDR Brian Prendergast 757) 953-1031 Brian.Prendergast@med.navy.mil
 President Elect: Charles Abadam (757) 923-2049 cabadam@city.suffolk.va.us
 Vice President: Clem Morrissey (757) 766-3301 clemedith@gmail.com
 1st Vice President: Lisa Wagenbrenner (757) 673- 3932 lwagenbrenner@cityofchesapeake.net
 Secretary / Treasurer: JoAnn Beasley (252) 771-5221 or (757) 508-5224 dojobeas@earthlink.net
 Past President: Lane Carr (804) 727-8359 car04@co.henrico.va.us
 *TMVCC Representative: Mitchell Burcham (757) 764-3324 burchamg@langley.af.mil
 *MAMCA Representative: Leroy Bohn (757) 204-4598 lbohn@cityofchesapeake.net
 * Denotes a non voting member of the board.

2010 Organizational Members

<p>Buzz Works Michael Hull 1201 East Liberty Street Norfolk, VA 23523 myhull@gmail.com 757-494-3440</p>	<p>Chesapeake Mosquito Control Commission Joe Simmons 900 Hollowell Lane, Chesapeake VA 23320 jsimmons@cityofchesapeake.net 757-382-3450</p>	<p>City of Hampton Mike Elberfeld 419 N. Armistead Ave. Hampton, VA 23669 melberfeld@hampton.gov 757-727-2807</p>
<p>City of Newport News Marcus Leeper 513 Oyster Point Rd. Newport News, VA 23602 jleeper@nngov.com 757-269-2884</p>	<p>City of Portsmouth George Wojcik 2001 Frederick Blvd. Portsmouth, VA 23704 gwojcik@portsmouthva.gov 757-393-8666</p>	<p>City of Richmond Horace Todd 400 Jefferson Davis Hwy Richmond, VA 23224 tiffany.patron@richmondgov.com 804-646-5271</p>
<p>City of Suffolk Charles Abadam 866 Carolina Rd Suffolk, VA 23507 cabadam@city.suffolk.va.us 757-514-7609</p>	<p>Clarke Andy Lima 7301 Gateway Ct. Manassas, VA 20109 alima@clarke.com 703-473-3377</p>	<p>Clarke Lauren Wright 7301 Gateway Ct. Manassas, VA 20109 lwright@clarke.com 703-297-2437</p>
<p>Fort Eustis Yardley Butt 1407 Washington Blvd. Fort Eustis, VA 23604 yardley.butt@us.army.mil 757-237-3721</p>	<p>Gloucester County James Diggs P. O. Box 329, Gloucester, VA 23061 jdiggs@gloucesterva.info 804-693-5250</p>	<p>Henrico County Randy Buchanan P.O. Box 90775 Henrico, VA 23273 buc06@co.henrico.va.us 804-349-3201</p>
<p>James City County Rick Hall 287 McLaws Circle, Suite 1 Williamsburg, VA 23185 wrhall@james-city.va.us 757-253-6636</p>	<p>Langley AFB James Will 1CES/CEOIE 37 Sweeney Blvd Langley, AFB james.will@langley.af.mil 757-764-3324</p>	<p>Langley AFB Mitchell Burcham 7154 Chapman Dr. Hayes, VA 23072 mitchell.burcham@langley.af.mil 757-225-5592</p>
<p>Navy Medical Entomologist Brian Prendergast, LCDR 620 John Paul Jones Circle, Suite 1100 Portsmouth, VA 23708 Brian.prendergast@med.navy.mil 757-240-3946</p>	<p>Town of Boykins R.S. JR Edwards P. O. Box 363 Boykins, VA 23827 townofboykins@charter.internet.com 757-654-6361</p>	<p>Virginia Department of Health Dr. David Gaines P.O. Box 2448 Richmond, VA 23225 david.gaines@vdh.Virginia.gov 804-864-8112</p>
	<p>York County Thomas Gallagher P.O. Box 531 Yorktown, VA 23690 Gallagher@yorkcounty.gov 757-890-3791</p>	

Are you a director, manager, lead mosquito control person for your area. Consider signing up as an organizational member, the cost is only \$15 but includes one regular membership.

Mid-Atlantic Mosquito Control Association (MAMCA) Update

I just returned from the 35th annual meeting of the Mid-Atlantic Mosquito Control Association, held in Savannah, GA 10-21 January. Overall, it was a terrific meeting in an unbeatable venue; Savannah is a great city to hold a meeting in. They even have a “Haunted Pub Crawl”!

MAMCA consists of 8 states, including, Delaware, Maryland, North Carolina, Pennsylvania, South Carolina, Virginia, West Virginia and Georgia. You may recognize that these states do not exactly match up with those in AMCA’s Mid-Atlantic region, which includes Delaware, Maryland, District of Columbia, West Virginia, Virginia and North Carolina. Don’t ask me why this is—just accept it!!

Even in these tough budget times, the meeting drew 83 registrants. Additionally, there were 16 sustaining members/vendors who supported the meeting with the usual informative displays, fun giveaways, and an outstanding social and buffet. AMCA was well-represented also. Our President, Doug Carlson gave two presentations. Other talks were given by Joe Conlon, AMCA’s Technical Advisor; Dr. Janet McAllister, AMCA President Elect, and myself.

Virginia’s George Wojcik served as MAMCA’s President for the past year and by all accounts, did an outstanding job! Well done, George! And kudos to Dr. Henry Lewandowski, incoming MAMCA President, who handled the program and local arrangements. Also, about 25% of the papers on the scientific program were given by folks from our region.

If you have never had the opportunity to attend a MAMCA meeting, I would urge you to do so. The next one is scheduled for 22-24 Feb 2011 in Wilmington.

Finally, most of the presentations from the 2010 MAMCA meeting will soon be available on the association website at <http://www.mamca.org/>

Submitted by: Stan Cope

York County Update

For mosquito prevention, these are pictures of our stocking of York County’s BMP holding ponds with several thousands of mosquito fish. This has been done for the past several weeks using fish or Bti mosquito dunks in our many mosquito breeding environments.



Submitted by: Tom Gallagher

Chesapeake Update

Chesapeake Mosquito Control Commission just completed an 11,643 acre aerial larvicide application with great results... at least high ninety per cent kill. We had excellent weather and completed the application in four days. We used 16 oz Teknar and 2 oz Liquid Altosid per acre in combination.



Submitted by: Kirby Foley

Fairfax Update

Up here in Fairfax County we are busy getting ready for the 2010 season. Traps are coming out of storage, stinky water is brewing, lab details are being worked out and staff has been hired. This year we are once again very fortunate to have a number of returning summer employees: one (Kyle Zirbel) just finished her Masters degree, another (Rachael Kempf) is starting grad school and the other one (Rachel Severson) is a Longwood College student. We will tell you about the others once they arrive and get working with us.

Josh Smith spent a couple of weeks collecting mosquitoes in St. Kitts in March. He was invited to the island by Ross University School of Veterinary Medicine faculty to take part in a research project on the mosquitoes of St. Kitts. He gave a few presentations to students, faculty and staff and also provided field and laboratory/identification training to St. Kitts and Nevis Ministry of Health Environmental Health employees. The day after he returned from St. Kitts, Josh went to Lexington, Kentucky, to attend the AMCA Conference.

Jorge Arias is ready for the season to start – you all know he loves mosquitoes. This season we have added some new experiments to the list of things to do – stay tuned for our findings! Lyme disease and ticks are a hot topic here in Fairfax. As a result of finding the Gulf Coast Tick infected with *Rickettsia parkeri* in our area we updated our tick brochure to include this species and much more information. The brochure has grown into a fold out style document (like a road map). The County will also be hosting a “Town Hall Meeting on Lyme disease on the 15th of May.

Sonya Graves (Who is finishing her masters this year) and Chris Eliff (who is taking courses towards a Masters) are ticking away this off season. Deer hunts and tick trapping have become a big part of our “off season” activities

Carl Sivertsen has busied himself with designing a new Tick Card, mosquito and tick table covers, our Fight the Bite calendar and a host of new outreach ideas and products to help us to better connect and communicate with the public.

As well as the 2010-2011 Fight the Bite Calendar and another children’s storybook we also produced a 30 second infomercial that will be shown before every showing of every movie in four Fairfax County theaters, as well as in several schools that have their own internal TV and on some of the jurisdictional (town and city) channels.

Requests for Safety Seminars and Training have increased beyond our wildest dreams. We are doing a couple each week and have plans to do seminars for all of our police force at each roll call. Safety seminars alone could result in around 75-100 presentations this year. As you all know, we have strong belief that *education results in prevention*.

In closing we want to say Thank You to the VMCA for the *Outstanding Service Award* that was presented to the Disease Carrying Insects Program this year. We are honored to be awarded this recognition. Thank You to all of you for your friendship and support.

Submitted by: Carl Sivertsen

VMCA Committees

Annual Meeting

Local Arrangements (Choose a meeting place and negotiate with the management over prices of room; decide on banquet details and negotiate prices; organize coffee breaks, biting times, etc.; secure meeting room(s) and commercial display area; in conjunction with the program committee, determine audio—visual equipment needs and make them available for the speakers; obtain fliers, literature on the area, etc. for registration packets; act as liaison between hotel and VMCA; and secure banquet entertainment if appropriate.)

Program Committee (Secure speakers for the program; coordinate time schedules and have substitute speakers available; allot money designated by the Executive Board for speaker rooms and banquets; determine all special needs for speaker presentations and work with local arrangements committee to secure them; secure banquet speaker if appropriate.)

Commercial Planning (Solicits participation at annual meeting from commercial suppliers; works with local arrangements to assure that displayers needs are met; responsible for set up/break down of display area.)

Audit Committee (Audit the records at the Secretary—treasurer for the annual meeting)

Awards & Resolutions A secret committee appointed by the president. (Take nominations from the executive board for special awards and resolutions and reviews materials supporting nominations; make decisions on who will receive awards and which resolutions will be adopted; through the secretary—treasurer, arrange for plaques, certificates, etc. to be available at the banquet; make presentations at annual banquet.)

Nominating Committee (Reviews new candidates for executive board and makes a formal nomination at the business meeting.)

Education (Determine through phone calls, surveys, etc. the educational needs of the association members; secure approval for the program from the Department of Agriculture; arrange meeting place, speakers, schedule, coffee break details, etc. for certification, pro—test or other courses; obtain all the necessary forms and submit paperwork for certification credits; aid the Department of Agriculture in developing new teaching materials.)

Public Relations (Organize and judge the grade school poster contest with the assistance of the host city organization; make the necessary contacts and appoint an individual to judge and make presentations at the Tidewater Science Fair; arrange Mosquito and Vector Control Awareness Week through the Governors office; seek media coverage during this week; act as liaisons between the VMCA and the media, with the approval of the president and aid member organizations who are seeking public relations ideas and materials; set up a display at the annual meeting.)

Information (Responsible for the SKEETER and dissemination of information regarding educational courses, upcoming events, new regulations, news on disease vectors, etc.; contact for members who are seeking information on the above.)

Historian (Collects and keeps records and information on the history of mosquito and vector control, especially as it applies to Virginia and the VMCA; sets up displays (in conjunction with PR committee) at annual meetings or other events; gives a presentation at the annual meeting, if feasible.)

VMCA Committees continued

Photography (Takes pictures at the annual meeting and other events for the web site and news letter.)

Membership (Actively promotes and recruits new members.)

Web Page (Designs and maintains the organization web page; responds to web inquires and or directs inquires to the proper person/locality.)

Resolution Committee (Prepares suitable resolutions for consideration of the membership at the annual meeting. Resolutions should be concerned with giving recognition to certain persons or organizations which contributed to the success of the meeting, such as the hotel, the sponsors, etc. Also, certain special resolutions should be prepared which might express the feeling of the Association on matters of importance to the Association such as sending a message to the Legislature or the State Health Department.)

Special Awards Committee (It shall be the duty of the Special Awards Committee to select a recipient for the R.E. Dorer award. The President shall receive information on applicants from the membership and others. The committee will screen all applicants and select one who is considered to be deserving of the award. While the award will be made at the annual meeting, it is not necessary to make an award if no one appears to be sufficiently qualified. In considering an applicant, the following criteria will be considered: Outstanding contributions beyond the normal call of duty. Continuing outstanding service over a period of years. High moral character. General recognition of outstanding achievement among his peers. Other items not listed above.)

Take the time to volunteer on a committee. An active membership makes for a stronger organization.

Contact anyone on the Board to participate.

President: LCDR Brian Prendergast (757) 953-1031 Brian.Prendergast@med.navy.mil

President Elect: Charles Abadam (757) 923-2049 cabadam@city.suffolk.va.us

Vice President: Clem Morrissey (757) 766-3301 clemedith@gmail.com

1st Vice President: Lisa Wagenbrenner (757) 673-3932 lwagenbrenner@cityofchesapeake.net

Secretary / Treasurer: JoAnn Beasley (252) 771-5221 or (757) 508-5224 dojobeas@earthlink.net

Past President: Lane Carr (804) 727-8359 car04@co.henrico.va.us

*TMVCC Representative: Mitchell Burcham (757) 764-3324 burchamg@langley.af.mil

*MAMCA Representative: Leroy Bohn (757) 204-4598 lbohn@cityofchesapeake.net

The Skeeter is the official publication of the Virginia Mosquito Control Association.

The VMCA membership is encouraged to submit articles, reviews, and any other interesting facts or tidbits for publication. Submissions can be sent to Jennifer Welch at wel33@co.henrico.va.us

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**Newsletter of
The Virginia Mosquito
Control Association**

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www.mosquito-va.org

2010 VMCA Membership Application

*Membership payment is by calendar year and includes subscription to the VMCA Newsletter "Skeeter."
Memberships renew January 1ST each year*

NAME:	Regular	\$ 10.00
PHONE:	Associate	\$ 5.00
ADDRESS:	Student:	\$ 3.00
E-MAIL:	Organizational	\$ 15.00
ORGANIZATION:	Sustaining:	\$300.00
	TOTAL SUBMITTED	

Enclose proof of student status

Mail this form to JoAnn Beasley, Secretary/Treasurer VMCA, Telephone: (252) 771-5221 or Cell (757) 508-5224

Payable to: Virginia Mosquito Control Association,
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