



WELCOME



Virginia Mosquito Control Association Annual Meeting

Wednesday, February 1, 2012

Presiding: Charles Abadam

- 8:00 a.m. Registration & Refreshments
- 9:30 a.m. Opening Ceremony & Introduction of Officers
- 9:50 a.m. Virginia Arboviral Surveillance Update
Dr. David Gaines
- 10:30 a.m. Review of the VA Pollution Discharge Elimination System
Pesticide General Permit
Elleanore Daub & Burton Tuxford
- 11:00 a.m. VDACS Info and Updates
Robert Christian & Anton Goodwyn
- 11:45 a.m. Aqua Duet, Agnique granules and new IGR
George Wojcik
- 12:00 p.m. Lunch (on your own)
- 1:30 p.m. *Aedes albopictus* early season surveillance and the link to growing degree days
George Wojcik
- 1:55 p.m. Statewide larval surveillance: Defining the distribution of *Aedes albopictus* and *Ochlerotatus japonicus*
Jay Kiser
- 2:15 p.m. The impact of urban decay on potential RVFV vectors during the recent economic crisis
Grace Schulte
- 2:35 p.m. Vendor Presentations
- 3:00 p.m. Break
- 3:30 p.m. A customized mobile field data management system using the iPad
Tim McGonegal
- 4:00 p.m. *Aedes aegypti* larvae collected in Capitol Hill neighborhood in Washington, DC
Andy Lima
- 4:10 p.m. Regulatory issues facing the vector control profession
Joseph M. Conlon
- 4:55 p.m. Adjourn
- 6:00 p.m. Ice Breaker

Thursday, February 2, 2012

Presiding: Lisa Wagenbrenner

- 7:15 a.m. Registration & Refreshments
- 8:15 a.m. AMCA Update
Dr. Bill Meredith
- 8:45 a.m. The abundance and infection status of *Anopheles* mosquitoes in Loudoun county, Northern VA
Andy Lima
- 9:15 a.m. Effects of larval nutrition on immune capacity of the adult yellow fever Mosquito *Aedes aegypti*
Hayda Abdul Satar & Amina Abdul Qayum
- 9:45 a.m. TMVCC
Ann Herring
- 9:55 a.m. Break
- 10:15 a.m. An overview of the ODU tick surveillance project
Pamela Kelman
- 10:35 a.m. Invasion of Gulf Coast ticks in VA and the microbes they carry
Chelsa Wright
- 10:55 a.m. Prevalence of *Borrelia* spp in *Ixodes scapularis* and *Ixodes affinis* in Southeastern VA
Sharon Vaturi
- 11:15 a.m. *Ixodes affinis* in Southeastern VA and implications of the spread of *Borrelia burgdorferi*, the agent of Lyme disease
Robyn Nadolny
- 11:35 a.m. Staying in Touch
Tom Gallagher
- 12:05 p.m. Luncheon Buffet & Awards
- 1:30 p.m. County wide spatial and temporal modeling of mosquito abundances in Henrico county, VA
Anna Riggan
- 1:45 p.m. Avian arbovirus sinks, sources, and host funnels: mechanisms regulating timing, location, and intensity of transmission
Dr. Kevin Caillouet
- 2:05 p.m. Immature odonate predation on larval and pupal asian tiger mosquitoes
Jessica L. Beard & Dr. Waller
- 2:20 p.m. Amino acid differences in the prohibitin protein between dengue virus vectors and nonvectors
Kimberly Filcek
- 2:35 p.m. Bacterial population differences in the digestive tract of *Aedes albopictus* from three collection sites
Amanda Robinson
- 2:50 p.m. Can pokeweed antiviral protein interfere with arbovirus infections in mosquitoes?
Nikki Holland & Madison Gardner

3:05 p.m. Vendor Presentations

3:20 p.m. Break

- 3:40 p.m. Mosquito production in built-in containers at condominiums and apartments
Dr. Bruce Harrison
- 4:10 p.m. Vector competence of *Aedes albopictus* from VA for Chikungunya virus isolated during the Indian Ocean epidemic
Dr. Rajeev Vaidyanathan
- 4:30 p.m. Vector control in Papua New Guinea
Jason Williams
- 5:00 p.m. Adjourn
- 6:30 p.m. Biting Time Social

Friday, February 3, 2012

Presiding: Brian Prendergast

- 7:15 a.m. Refreshments
- 8:15 a.m. A hodgepodge of miscellaneous arboviral observations
Dr. David Gaines & Jayne Deichmeister
- 8:45 a.m. Suffolk update
Charles Abadam
- 9:05 a.m. An update on the Gulf coast tick (*Amblyomma maculatum*) in Fairfax county, VA
Joshua Smith
- 9:25 a.m. Daily activity and trapping of ticks in Fairfax county, VA
John Orr
- 9:45 a.m. Vendor Presentations
- 10:00 a.m. Break
- 10:30 a.m. Everything we do sends a message
Carl Sivertsen
- 10:55 a.m. Unique mosquito finds for Virginia Beach in 2011
Jennifer Pierce
- 11:10 a.m. Riparian mosquitoes in NC and VA
Dr. Bruce Harrison
- 11:40 a.m. Business Meeting and Door Prizes
Charles Abadam
- 12:10 p.m. Adjourn

Virginia Mosquito Control Association 2011 Officers

President	Charles Abadam (757) 517-7609 cabadam@suffolkva.us
President Elect	Lisa Wagenbrenner (757) 673-3932 lwagenbrenner@cityofchesapeake.net
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MANY THANKS TO OUR SUPPORTING VENDORS

We greatly appreciate having the following Sustaining Members supporting our association. Please keep them in mind for your vector control needs.

Adapco	Ted Bean tbean@myadapco.com
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List of Speakers

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65th Annual Meeting



February 1-3, 2012
Hilton Garden Inn
Suffolk, VA