

Tuesday, February 20, 2024

- 11:00 AM** Registration - outside Salon B & C
- 1:00 PM** Conference Room - Salon A
- Presiding: Karen Akaratovic, VMCA President Elect*
- 1:00 PM Welcome and opening remarks
- 1:10 PM Check your sources
Karen Akaratovic, *Suffolk Mosquito Control*
- 1:20 PM **2023 Mosquito-borne arboviral disease case surveillance in Virginia**
Dr. David Gaines, *Virginia Department of Health*
- 1:50 PM **The Mighty Mosquito Mission**
Gina Serge, *Henrico County Public Works*
- 2:05 PM **Annie Andrews: Forgotten "heroine of the pestilence"**
Benn Trask, *Historian*
- 2:25 PM **All of the other true flies**
Alex Riley, *Suffolk Mosquito Control*
- 2:40 PM** Sustaining Member Presentation
Steve Molnar, *Target Specialty Products*
- 2:50 PM** Break sponsored by Target
- 3:20 PM **Ticks and tick-borne disease activity in Virginia**
Joshua Bernick, *Virginia Department of Health*
- 3:30 PM ***Mosquito diversity in multiple state wildlife management areas across Virginia**
John Muller, *Virginia Tech*
- 3:45 PM** Sustaining Member Presentation
Chad Minter, *Frontier Precision*
- 3:55 PM **2023 QA findings for surveillance activities in Fairfax County**
Tilde Hoff, *Fairfax County Health Department*
- 4:10 PM **York County outreach update...again**
Janice Pulver, *York County Mosquito Control*
- 4:25 PM **So, what do you do in the winter?**
Josh Smith, *Fairfax County Health Department*
- 4:40 PM **The surprise of 2023 - *Culex salinarius***
Lisa Wagenbrenner, *Chesapeake Mosquito Control*
- 4:50 PM** Sustaining Member Presentation
Zach Cohen, *Summit Chemical Company*
- 5:00 PM** Adjourn, Icebreaker Social - Salon B & C
Sponsored by Central Life Sciences
- 7:00 PM** Hospitality Room - Courtney Terrace & Princess Anne (overflow seating)

*indicates virtual presentation



Wednesday AM, February 21, 2024

- Recertification Day! Sign roster & complete application**
- 7:00 AM** Light Breakfast & Registration
- Presiding: Wes Robertson, VMCA Past President*
- 8:00 AM ***Mosquitoes on the move: new introductions and changes in geographic distribution**
Dr. Roxanne Connelly, *Centers for Disease Control and Prevention*
- 8:15 AM **VDACS legal update**
Christine Haslam, *VA Department of Agriculture and Consumer Services*
- 8:55 AM **They grow up so fast!**
Jay Kiser, *Suffolk Mosquito Control*
- 9:10 AM **Novel approaches to vector-host pathogen interactions and eco-epidemiology of EEE virus**
Dr. Goudarz Molaei, *Connecticut Agricultural Experiment Station / Yale University*
- 9:30 AM ***Aedes aegypti* in Norfolk**
Penelope Smelser, *Norfolk Department of Public Health, Division of Vector Control*
- 9:45 AM** Sustaining Member Presentation
Jeff O'Neill, *Central Life Sciences*
- 9:55 AM** Break sponsored by Central Life Sciences
- Presiding: Lauren Lochstampfor, VMCA Vice President*
- 10:25 AM **1st Place Poster - Identification of sodium channel mutations conferring pyrethroid resistance in *Aedes aegypti* mosquitoes**
Funmilayo Egunjobi, *Duke University*
- 10:45 AM** Sustaining Member Presentation
Brock Verworn, *Veseris*
- 10:55 AM **2nd Place Poster - Site-specific community composition of primary West Nile virus vectors in Chicago does not explain fine-scale variation in modeling human cases**
Benjamin Burgunder, *University of Maryland, College Park*
- 11:10 AM **Coyotes: wildlife you want?**
Pete Acker, *Virginia Department of Wildlife Resources*
- 11:25 AM **Giving ReMoa a Tri: a Virginia cage field trial**
Charles Abadam, *Suffolk Mosquito Control*
- 11:35 AM ***Aedes aegypti* in Fairfax County**
Lauren Lochstampfor, *Fairfax County Health Department*
- 11:50 AM** Sustaining Member Presentation
Jim Andrews, *Valent Biosciences*
- 12:00 PM** Awards Banquet & Lunch - Salon B & C

Wednesday PM, February 21, 2024

- Presiding: Addie Weddle, VMCA First Vice President*
- 1:30 PM ***3rd Place Poster - Zika and Dengue vaccine design by CRISPR engineering of T4 bacteriophage nanoparticle**
Jarín Taslem Mourosi, *Catholic University of America*
- 1:45 PM** Sustaining Member Presentation
Dan McCombie, *Azelis*
- 1:55 PM **Integrating Esri Field Maps and Dashboards into stormwater maintenance and mosquito control data collection**
Janice Pulver, *York County Mosquito Control*
- 2:20 PM **Portsmouth light study update**
Tim DuBois, *City of Portsmouth Public Works*
- 2:40 PM **What are these tiny critters swimming around in my larval sample bag?**
Rachel Kempf, *Fairfax County Health Department*
- 3:00 PM** Break - Student Poster Competition Q&A with refreshments sponsored by Azelis & Valent
- 3:30 PM ***West Virginia tick talk**
Eric Dotseth, *West Virginia Department of Health & Human Resources Bureau for Public Health*
- 3:50 PM **The intersect between pesticides and the Endangered Species Act: Bulletins Live! Two**
Marlene Larios, *Virginia Department of Agriculture and Consumer Services*
- 4:10 PM **Vector-borne disease and zoos**
Elyse Murphy, *Webbing the Wild, LLC*
- 4:25 PM **Malaria and WNV in Maryland**
Brian Prendergast, *Maryland Department of Agriculture*
- 4:35 PM ***Culiseta melanura* larval habitat identification and characteristics in the northeast**
Kimberly Foss, *Northeast Massachusetts Mosquito Control and Wetlands Management*
- 4:50 PM** Sustaining Member Presentation
Jeff Hottenstein, *Clarke*
- 50/50 drawing after last presenter - must be present to win!**
- 5:00 PM** Adjourn, Silent Auction - Salon B & C
Final bids at 5:45
Refreshments sponsored by Clarke
- 7:00 PM** Hospitality Room - Courtney Terrace & Princess Anne (overflow seating)

Thursday, February 22, 2024

- 7:00 AM** Breakfast Buffet
- Presiding: Jay Kiser, VMCA Secretary/Treasurer*
- 8:00 AM ***BEACONS update**
Michael Riles, *Central Life Sciences*
- 8:10 AM ***Mosquito and viral diversity across Virginia**
Krisangel Lopez, *Virginia Tech*
- 8:25 AM ***La Crosse encephalitis - making the case for a public health/vector control response**
Dr. Brian Byrd, *Western Carolina University*
- 8:45 AM** Sustaining Member Presentation
Representative, *Vendor TBA*
- 8:55 AM **MAMCA update**
Tim DuBois, *MAMCA Representative*
- 9:05 AM **You have the power: battery management for adult mosquito surveillance**
Andy Lima, *Fairfax County Health Department*
- 9:20 AM **1st Annual Photo Contest results**
Wes Robertson, *Photo Contest Committee Chair*
- 9:45 AM** Break (hotel check-out)
- 10:15**  **Lightning Round** 
- ⚡ **The world around us**
Jay Kiser, *Suffolk Mosquito Control*
- ⚡ **Canva: puzzling but powerful**
Katherine Reutt, *Chesapeake Mosquito Control*
- ⚡ **Kids say the darndest things - mosquito edition**
Gina Serge, *Henrico County Public Works*
- ⚡ **Water reclamation plants**
Brian Prendergast, *MD Dept of Agriculture*
- ⚡ **Skeeter stuff**
Karen Akaratovic, *Suffolk Mosquito Control*
- ⚡ **What's a pond?**
Alex Riley, *Suffolk Mosquito Control*
- ⚡ **An introvert's far-sided guide to complaint call processing**
Wes Robertson, *Henrico County Public Works*
- ⚡ **How to train your dragon (fly)**
Rachel Kempf, *Fairfax County Health Department*
- Presiding: Karen Akaratovic, President Elect*
- 11:00 AM **VMCA Business Meeting & door prizes**
- 12:00 PM** Adjourn

List of Speakers

Charles Abadam, Suffolk Mosquito Control
cabadam@suffolkva.us

Pete Acker, Virginia Department of Wildlife Resources
peter.acker@dwr.virginia.gov

Karen Akaratovic, Suffolk Mosquito Control
kakaratovic@suffolkva.us

Joshua Bernick, Virginia Department of Health
Joshua.bernick@vdh.virginia.gov

Benjamin Burgunder, University of Maryland, College Park
bburgund@umd.edu

Dr. Brian Byrd, Western Carolina University
bdbyrd@wcu.edu

Dr. Roxanne Connelly, Centers for Disease Control and Prevention
csz5@cdc.gov

Eric Dotseth, West Virginia Department of Health and Human Resources, Bureau for Public Health
eric.j.dotseth@wv.gov

Timothy DuBois, Portsmouth Mosquito Control
duboist@portsmouthva.gov

Funmilayo Egunjobi, Duke University
funmilayo.egunjobi@duke.edu

Kimberly Foss, Northeast Mosquito Control and Wetlands Management District
kimberly.foss@mass.gov

Dr. David Gaines, Virginia Department of Health
david.gaines@vdh.virginia.gov

Christine Haslam, Virginia Department of Agriculture and Consumer Services (VDACS)
christine.haslam@vdacs.virginia.gov

Tilde Hoff, Fairfax County Health Department
tilde.hoff@fairfaxcounty.gov

Rachel Kempf, Fairfax County Health Department
rachel.kempf@fairfaxcounty.gov

Jay Kiser, Suffolk Mosquito Control
jkiser@suffolkva.us

Marlene Larios, VDACS
marlene.larios@vdacs.virginia.gov

List of Speakers

Andy Lima, Fairfax County Health Department
andrew.lima@fairfaxcounty.gov

Lauren Lochstampfor, Fairfax County Health Department
lauren.lochstampfor@fairfaxcounty.gov

Krisangel Lopez, Virginia Tech
klopez5@vt.edu

Dr. Goudarz Molaei, Connecticut Agricultural Experiment Station / Yale University
goudarz.molaei@ct.gov

Jarin Taslem Mourosoi, Catholic University of America
taslemmourosoi@cua.edu

Dr. John Muller, Virginia Tech
jmuller51@vt.edu

Elyse Murphy, Webbing the Wild, LLC
webbingthewild@gmail.com

Brian Prendergast, Maryland Department of Agriculture
brian.prendergast@maryland.gov

Janice Pulver, York County Mosquito Control
janice.pulver@yorkcounty.gov

Katherine Reutt, Chesapeake Mosquito Control
kreutt@cityofchesapeake.net

Michael Riles, Central Life Sciences
mriles@central.com

Alex Riley, Suffolk Mosquito Control
sriley@suffolkva.us

Wes Robertson, Henrico County Standing Water Initiative
rob106@henrico.us

Gina Serge, Henrico County Standing Water Initiative
ser089@henrico.us

Penelope Smelser, Norfolk Department of Public Health
penelope.smelser@norfolk.gov

Joshua Smith, Fairfax County Health Department
joshua.smith@fairfaxcounty.gov

Benn Trask, Historian
bennhtrask@gmail.com

Lisa Wagenbrenner, Chesapeake Mosquito Control
lwagenbrenner@cityofchesapeake.net

Sustaining Members

Azelis

Dan McCombie; daniel.mccombie@azelis.com
Ted Bean; ted.bean@azelis.com

Central Life Sciences

Jeff O'Neill; joneill@central.com

Clarke

Jeff Hottenstein; jhottenstein@clarke.com

Frontier Precision

Chad Minter; chad@frontierprecision.com

Summit Chemical Company

Zach Cohen; zcohen@summitchemical.com
Tim McGonegal; tmcgonegal@summitchemical.com

Target Specialty Products

Steve Molnar; steve.molnar@target-specialty.com

Valent Biosciences

Jim Andrews; james.andrews@valentbiosciences.com

Veseris

Brock Verworn; brock.verworn@veseris.com

2023-2024 Executive Board Members

President

Carla Caulkins, Chesapeake Mosquito Control

President Elect

Karen Akaratovic, Suffolk Mosquito Control

Vice President

Lauren Lochstampfor, Fairfax County Health Department

1st Vice President

Addie Weddle, Portsmouth Public Works

Secretary / Treasurer

Jay Kiser, Suffolk Mosquito Control

Past President

Wes Robertson, Henrico County Public Works

Mid-Atlantic Mosquito Control Association Rep

Tim DuBois, Portsmouth Public Works

Industry Representative

Zachary Cohen, Summit Chemical Company

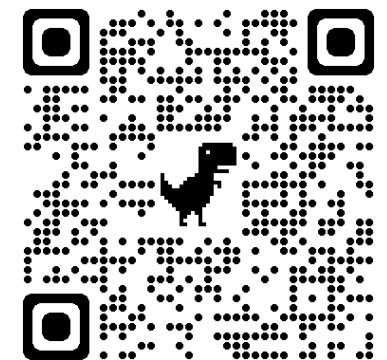


77th Annual Conference Program

February 20 - 22, 2024

Hilton Oceanfront

Virginia Beach, Virginia



Scan for more conference information,
including digital packet documents