

# THE SKEETER

VOL. 80. NO.3

2020 FALL NEWSLETTER



OFFICIAL NEWSLETTER OF  
THE VIRGINIA MOSQUITO  
CONTROL ASSOCIATION

# PRESIDENT'S ADDRESS

## VMCA Members,

I hope you are all gearing up for a safe, happy and healthy holiday season, having put the mosquito season in the rearview. Please keep in mind that mask use, social distance, and handwashing are some of the most thoughtful and loving gifts you can give your family and friends right now! I'd like to congratulate you on the passing of what is likely one of the most unique vector control seasons that any of us will have in our careers. Continuing to provide services through one of the most difficult public health crises in our lifetime is a grand accomplishment, and I hope you take some time to reflect on the important work you did this year. Although the vaccine front looks hopeful for COVID-19 right now, there are dark clouds forming for the coming months as case numbers and deaths are spiking throughout the country. Time will tell how much we're still influenced by COVID next season, as we cross the 1-year mark from the start of this pandemic in December.

Both nationally and here in Virginia, reports of mosquito-borne illness were well-below average. Some jurisdictions in Hampton Roads saw late-season population spikes in nuisance mosquito species that put their total mosquitoes above-average for the season. But overall, mosquito populations were average to below-average in most parts of the state where mosquito surveillance is conducted. *Culex* populations and West Nile virus activity in mosquitoes was also well-below normal levels overall—a welcome trend in a year that was incredibly difficult in terms of staffing and operations.

As you are likely already aware, the VMCA will be held virtually this year on January 26th and 27th from 8:30 am to 12:30 pm each day. The Business Meeting will be held from 12:30 to 1:30 on January 27th. Most, if not all, annual state meetings in the mid-Atlantic and even the AMCA have cancelled in-person meetings this off-season in the interest of the health and safety among the continued pandemic. Your VMCA Board Members have been working diligently to build a virtual meeting that's informative and engaging—despite our distance. Efforts are underway to secure VDACS recertification credit for Category 8 (Public Health) and 60 (Registered Technician). However, our ability to build an agenda that will be approved for recertification credit in a virtual format is dependent on YOU, our members, to present. For anyone who gets a bit of presentation anxiety speaking in front of a crowd—a virtual meeting is a great place to present from a comfortable environment without the added pressure of standing in front of a room full of people. I'd bet the sight of an actual room full of people during COVID is probably enough to make any of us uneasy at this point! Please, if you haven't already, send an email to President Elect Tim DuBois ([duboist@portsmouthva.org](mailto:duboist@portsmouthva.org)), and sign up for a speaking slot to help make our virtual meeting a success. ALL presentations are welcome, and there are still plenty of speaking spaces available. Please overwhelm Tim with your requests for presentation slots!

BONUS: The Merchandise Committee is working on a VMCA cloth face covering that will be available for purchase on the website in the next 1-2 months. Might it be that perfect stocking stuffer you've been waiting for?

**-Andy Lima**

**2020 VMCA President**



# ANNOUNCEMENTS

## VMCA ORGANIZATIONAL MAILING ADDRESS

Virginia Mosquito Control Association  
Jay Kiser, Secretary/Treasurer  
800 Carolina Rd  
Suffolk, VA 23434  
Phone: (757) 514-7608  
Email: [virginiamosquito@gmail.com](mailto:virginiamosquito@gmail.com)

**YOU CAN SIGN UP FOR OR RENEW YOUR VMCA MEMBERSHIP ONLINE! VISIT OUR WEBSITE AND FILL OUT THE FORM [HERE](#)**

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## UPCOMING EVENTS

### VMCA 2021 [Virtual Annual Meeting](#)

January 26-27  
Virtual via GoToMeeting link

### NMCA 66th [Annual Meeting](#)

Postponed until further notice

### AMCA 87th [Annual Conference](#)

March 1-5, 2021  
Virtual

### MAMCA 2021 [Annual Meeting](#)

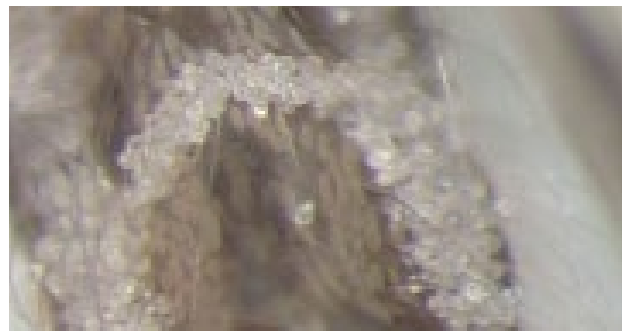
TBA

### SCMCA 2021 [Annual Meeting](#)

Cancelled

### Cancellation of the annual January Recertification at Hampton Library:

Due to social distancing guidelines and the health of our members/event goers, we will be cancelling the VMCA sponsored 2021 recertification course that is held at the Hampton Library every January. VMCA is attempting to offer recertification for VA Category 8 and Registered Technician licenses during our virtual conference on January 26-27. Recertification will be free for all VMCA members (make sure to [pay your membership](#)), or will cost \$15 (VMCA membership will be a free gift with this purchase). Please be on the lookout for updates in future Skeeters, VMCA website, and membership emails regarding these options.



## WHAT'S THAT...?

Answer on [page 13](#)



# COMMUNITY UPDATES

## **Lisa Wagenbrenner accepts Chesapeake Mosquito Control Commission Director**

"Human Resources conducted a nation-wide candidate search for a new Chesapeake Mosquito Control Commission Director during the month of October. Interviews with several well-qualified applicants were conducted, and culminated in the appointment of our Biologist II, Lisa Wagenbrenner, as the new Director"

-Dreda Symonds, exiting Director of the Chesapeake Mosquito Control Commission

Dreda's last day is November 30th , and Lisa Wagenbrenner starts as Director on December 1st.

## **Rachel Kempf joins Fairfax County Health Department (FCHD)**

Rachel Kempf started a position with FCHD as an Environmental Health Specialist II on Monday, 11/23/20. Rachel began her vector control career with FCHD as a seasonal employee in 2009 and 2010. Since 2011, some of her duties with Prince William County Mosquito and Forest Pest Management have included larval mosquito control, adult mosquito ID, and public health communication/education. Anyone who has seen Rachel's recent Skeeter publications can see her graphic design and photography skills at work! FCHD is excited to have Rachel on their team and looks forward to utilizing Rachel's experience and skills in the Disease Carrying Insects Program.

-Joshua Smith, DCIP Supervisor

**Keep an eye on emails and [the website](#) for updates on the 2021 VMCA election**



# TMVCC NOTES

Due to the Covid-19 outbreak 2020 has been a crazy year for all of us. Life as we have known it has changed so much this year; so many cancellations of events that we have known and loved for years. One of those events was the Tidewater Mosquito and Vector Control Council meetings (TMVCC). The TMVCC board was forced to cancel all the monthly meetings for 2020. I really missed those meetings, seeing and networking with everyone. I am writing this letter to remind you that the TMVCC is still an active organization and, hopefully, next year we will be able to continue the meetings. The TMVCC board consisting of Mitch Burcham (President), Ann Herring (Vice-President), and Luz Grant (Secretary), will be working hard to get those meetings scheduled as soon as it is feasibly possible to do so. Speaking of the board, I will be rotating off at the end of the year so we will be looking for a new secretary for 2021. Anyone who is interested please let one of the board members know. I look forward to seeing you next year at the meetings.

Respectfully,

Mitch Burcham, TMVCC President

# CANDIDATES FOR FIRST VICE PRESIDENT

## FRANCIS VALERA

Francis Valera graduated from The College at Brockport, State University of New York in 2012 and holds dual degrees in Environmental Science and Sociology. Shortly after graduation, he and his wife moved to Virginia where he began his foray into vector control with Clarke. Originally brought on as a Field Technician, Francis' responsibilities included implementing Clarke's mosquito operations and tick surveillance in Northern Virginia. Francis quickly transitioned into the role of Field Supervisor where he gained invaluable behind the scenes experience, while continuing to complete field work alongside the field staff.

In February of 2015, Prince William County's Mosquito and Forest Pest Management program brought Francis aboard to join their talented group of Environmental Specialists. Since then, he has been involved with nearly every facet of the program's operations from larval control, adult surveillance and suppression, education and outreach, and forest health monitoring.

Francis enjoys engaging with new people and has always been fond of fostering the interest in science in others. This led him to joining VMCA's Student Competition Committee, a post he has held since 2016.

Beyond his work, Francis dabbles in photography, appreciates bourbon and loves to go hiking. He and his wife, Megan, have shared the joy of raising their son, and recently adopted their dog, Lily.



## STEVE REHAK

Steve is currently an Environmental Health Assistant II / Crew Lead with the City of Norfolk Vector Control, with 7+ years' experience in the field. He began his Mosquito Control career in 2012 as an intern with the City of Chesapeake Mosquito Control Commission. During his time with Chesapeake, He completed a Bachelor of Science in Ocean and Earth Science from Old Dominion University (2015). He then accepted a position with the City of Norfolk Vector Control in 2016. Both positions granted him skills relevant to the field such as capture and identification procedures, preparation for and performing vector testing, trap location planning and route management, equipment operation and maintenance, positive arbovirus response protocols, and training others in these aforementioned skills.

Steve enjoys the hands-on aspects of his position, such as interacting with the public to explain how to remove or minimize the potential for mosquito breeding around their properties, as well as investigating potential breeding sources off the beaten path. In his free time, Steve enjoys volleyball, playing guitar, strategic tabletop wargaming and board games, and is currently taking a refresher course in Russian.



## VMCA GOES VIRTUAL FOR 2021

The VMCA Executive Board has voted unanimously to cancel the in-person 2021 Annual Meeting of the Virginia Mosquito Control Association, due to circumstances surrounding the COVID-19 pandemic.

A number of other states in the region and nationally have also cancelled in-person meetings. During these unprecedented times, the health and safety of our membership and those we serve is at the forefront of this decision. Budget cuts, jurisdictional travel restrictions, and safety issues surrounding large gatherings were all considered as we weighed our options.

The next in-person meeting of the VMCA has been rescheduled for January 25-27, 2022 at the Newport News Marriott at City Center.

Sincere appreciation goes to Charles Abadam, who was able to renegotiate our contract for 2022 without incurring any of the thousands of dollars in cancellation fees that the organization would have been responsible for if we chose to cancel and re-book somewhere else the following year.

The Executive Board has decided to hold this year's conference virtually and you can find all those details below as well as via membership emails. If you believe you are a member but are not receiving emails, please contact us at [VirginiaMosquito@gmail.com](mailto:VirginiaMosquito@gmail.com)

## DON'T FORGET TO BECOME A VMCA MEMBER FOR 2021!

Membership has been free the past couple years if you registered for the VMCA annual conference. This year will be a little different because there is no conference cost. Instead, VMCA will be offering a free virtual conference to all **VMCA members** on January 26-27, 2021. You will need to be a 2021 member (regular, associate, student, or sustaining member) to get access to the virtual conference, along with all the other benefits that come with being a VMCA member (receiving the Skeeter, email updates from the organization, and knowledge of training opportunities). You can find membership information and payment options [here](#).

During the 2021 VMCA Virtual Conference, we are trying to offer Category 8 and Register Technician recertification through VDACS. It is looking good so far, but we are still hashing out the details. If all goes well, VMCA members will be eligible for free recertification through the virtual conference, as long as you watch the full conference and fill out the necessary paperwork. If you would rather not pay for membership, we will offer a recertification option through the virtual meeting for \$15 (VMCA membership will be a free gift with this purchase ;) Please be on the lookout for updates in future Skeeters, VMCA website, and membership emails regarding these options.

# VMCA VIRTUAL MEETING CALL FOR PRESENTATIONS

The 2021 Annual Conference of the Virginia Mosquito Control Association is taking place virtually January 26-27. This will be a new experience for VMCA, and we hope you'll consider sharing some of your research or work experiences with us. We are seeking presentations for a wide variety of topics. This year's deadline to submit is **December 18th**. Please do not delay if you are interested so we can put together an agenda for recertification credit.

Presenting at VMCA is a great way to formalize some of your operational research or summarize a project you've been working on in a laid back environment where the audience will benefit directly from what you share. Due to the meeting being held virtually, you will be able to present from the comfort of your own home or office as all presentations will be via go-to-meeting. If you are unavailable at that time but wish to present a pre-recorded presentation, please reach out to me and we should be able to accommodate.

If you are interested in presenting, please fill out the form on the next page (also available for download at the bottom of [this page](#)) and email to me ([duboist@portsmouthva.gov](mailto:duboist@portsmouthva.gov)). If you have any questions or ideas, you can reach me by phone (757) 418-3844.

## VMCA CLOTH FACE COVERINGS



*Likely design of VMCA cloth face coverings*

### **VMCA cloth face coverings are going on sale soon**

The Merchandise Committee is in the process of obtaining VMCA cloth face coverings, and they will likely be available for purchase sometime during the month of December. The process of shipping the face coverings to those who purchase is still being teased out. Currently, the most likely scenario is that the majority will initially be shipped to a location TBD in Hampton Roads. They will then be distributed to "hubs" in central, northern, and possibly western VA where they can be picked up in person or delivered locally, saving our members time and money related to shipping costs. Purchasing information will be forthcoming in an email to membership once the Merchandise Committee completes the ordering process.

## 2021 Virtual VMCA Annual Meeting Presentation Submission Form

Virtual Meeting Dates: January 26 - January 27, 2020

Please return completed form to Tim DuBois at [duboist@portsmouthva.gov](mailto:duboist@portsmouthva.gov)

NO LATER than December 18, 2020

**Fillable PDF available at the bottom of [this page](#)**

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### Presenter Information

First Name: \_\_\_\_\_ Last Name: \_\_\_\_\_

Job Title:

\_\_\_\_\_

Address:

\_\_\_\_\_

Telephone: \_\_\_\_\_ Ext. \_\_\_\_\_

Organization/Affiliation: \_\_\_\_\_

Email Address: \_\_\_\_\_

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### Presentation Information

Presentation Title:

\_\_\_\_\_

Amount of time requested for presentation (please be as accurate as possible and include a few extra minutes for questions): \_\_\_\_\_ Minutes

All presentations will be conducted on Go-To-Meeting. Will you need VMCA to contact you to verify that your computer will allow access?  Yes  No



# TOUR DE SKEETER 2020

The Tour de Skeeter had a few hiccups this year but eventually came together nicely. The original date in June was postponed due to the looming Covid-19 and need for social distancing. The rescheduled date in August needed to be postponed due to the possibility of rain. Finally, on October 17, Tour de Skeeter 2020 took place. It was a gorgeous, crisp, autumn morning with leaves just starting to change color for the new season. From all over Virginia, and even North Carolina, VMCA members with their families and friends met up at the Indian Fields Tavern. Most drove to the tavern and explored the Capital Trail on bike or on foot. Some started from Richmond or Jamestown and biked to the tavern. Appetizers, drinks, games, and old friends awaited all. Maintaining mask usage and social distancing where necessary, everyone seemed to have a great time. With the gracious sponsorships of 4 VMCA sustaining members and 24 registrations, VMCA's student competition committee raised over \$175 (after expenses). We were hoping to have a bigger turnout this year, but with all that took place in 2020 we were happy to just have the event.

I would like to send out an extra thank you to the sustaining members that made this event possible: Jeff O'Neill with Central Life Sciences, Kurt Vandock with Bayer, Ted Bean with Adapco, and Seth Egan with Co-Diagnostics. Their sponsorships were used to purchase all the enticing swag that went to each of our registered event goers: reusable straws, Tour de Skeeter logo t-shirts, totes, and masks. For future events like this, you don't have to bike if you register to the event. Many just sign up and pay to get the awesome swag... and contribute to the student competition of course. Hopefully Tour de Skeeter 2021 will be back to normal, at least closer to it. Hope to see you all next year.

-Submitted by Jay Kiser, SCC Chair



Above: Some of the event goers during the 2020 Tour de Skeeter. Picture by Francis Valera.



Right: 2020 Tour de Skeeter t-shirts with sponsor's logos on the back: Central Life Science, Bayer, Adapco, and Co-Diagnostics

Virginia


 Founded 1947  
 Mosquito Control Association

## 2020-2021 Student Poster Competition in Vector Borne Sciences

Virginia Mosquito Control Association is hosting our Fifth annual student poster competition. The competition will be held in conjunction with VMCA's Annual Conference (virtual) taking place in early 2021.

- First place poster receives

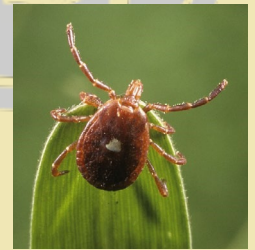
# \$500

plus opportunity to present at the virtual  
2021 VMCA Annual Conference

- All poster submitters receive:

**Free 2021 VMCA Student Membership** and free access to the 2021 annual conference.

- For more information please visit the SCC [poster competition page](#) on the VMCA website



### Who is eligible?

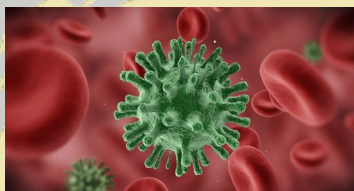
Students enrolled in accredited Virginia colleges and universities.

### Acceptable poster topics:

Posters should reflect original research in areas of vector borne sciences: Vector borne diseases, arthropod vectors, surveillance methods, pesticides, repellants or control methods, and diagnostic or laboratory methods.

### Deadline for submissions:

All poster submissions should be submitted by email no later than **12/2/2020**.





# LET'S GET SOCIAL!

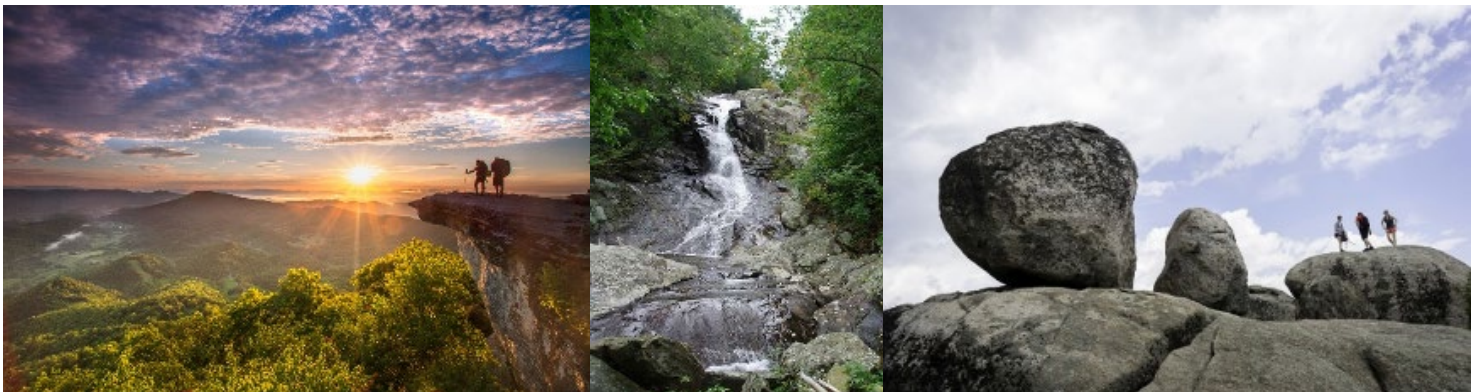
## TWO PROPOSED SOCIAL GROUPS WITH JAY KISER (PHOTOS BORROWED FROM VARIOUS SOURCES)

In times like these, many of us are in need of some social bonding. Why not get together with your fellow VMCA members where you can nerd-out discussing mosquitoes. Over the last few years, I have played with the idea of hosting events throughout the year where VMCA members can get together and bond. Current recommendations for social distancing have put a damper on some of my ideas, but they have also brought new ones to light. I would like to start two new social groups where VMCA members can mingle yet remain safe with social distancing. If you are interested in either of these social clubs, please email me at [Jkiser@suffolkva.us](mailto:Jkiser@suffolkva.us). We don't need big numbers for either of these groups to take place, but the more the merrier. Let's start the year 2021 off right.

**VIRTUAL BOOK CLUB:** A more informative title may be Virtual Peer Reviewed Journal Article Club, but that doesn't roll off the tongue as well. I was thinking one or two evenings a month, a group of us could get together (via GoToMeeting or Google Hangouts) and discuss a couple journal articles that we read during the previous weeks. We can take turns choosing the articles for the group to read. How many of you have said to yourself, "I really wish I took the time to read more mosquito journal articles?" Well, now is your chance.



**ADVENTURE CLUB:** This could start out as a hiking club, but move on to other adventurous activities if the group wants. Significant others and close friends are more than welcome to participate. I was thinking we could meet up one Saturday a month and do a day hike at one of Virginia's many great trails. We can start off with a moderate trail and see how the group does before choosing our next trail. Even though we will be physically coming together, we will be outside in the fresh air with lots of space to spread out. I know it is getting cold out there, but that is great weather for hiking.



## FINDS FROM THE FIELD

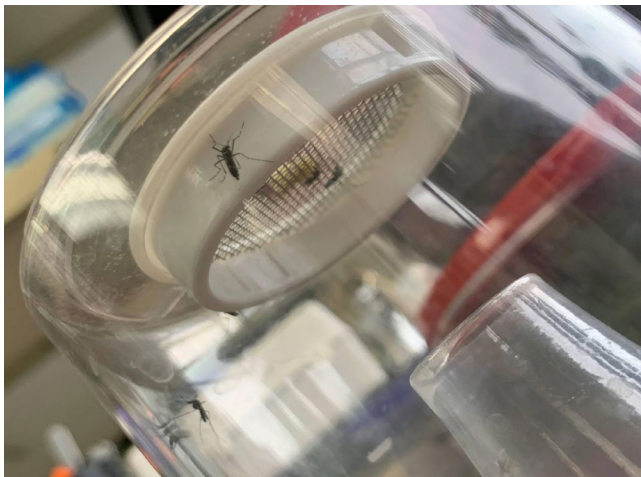


These are the cocoons of *Cotesia congregata*, a parasitoid wasp of the family Braconidae. The adult wasps attack and lay eggs on caterpillars from the Sphinx moth family, Spingidae. This is a Catalpa sphinx moth.

-Submitted by Andy Lima,  
Fairfax DCIP

## “DESK ECOLOGY”

Recent observation of note. When resources are scarce, time is limited, or you are too lazy to prepare a proper sugar meal look no further than the nearest confection you can find in the staff lounge. A wet crumb from a maple glazed Duck Donut was used to feed mosquitoes reared at my desk this summer.



Unfortunately, I did not collect any data but can say that I observed mosquitoes feed successfully and it appeared that they survived longer than they would have had I not fed them at all. I added a piece of wet kernel corn the following week and found it was not as successful as the donut, mainly because the sugar just separated from the kernel corn and never really dissolved. If you are interested in repeating this experiment please keep in mind that crumbs do attract other hungry creatures. I arrived one morning to find this spider feeding on the crumb with the mosquitoes. And yes, if you are wondering, I do eat a lot of junk food.

-Submitted by Daniel Sherwood,  
Fairfax DCIP



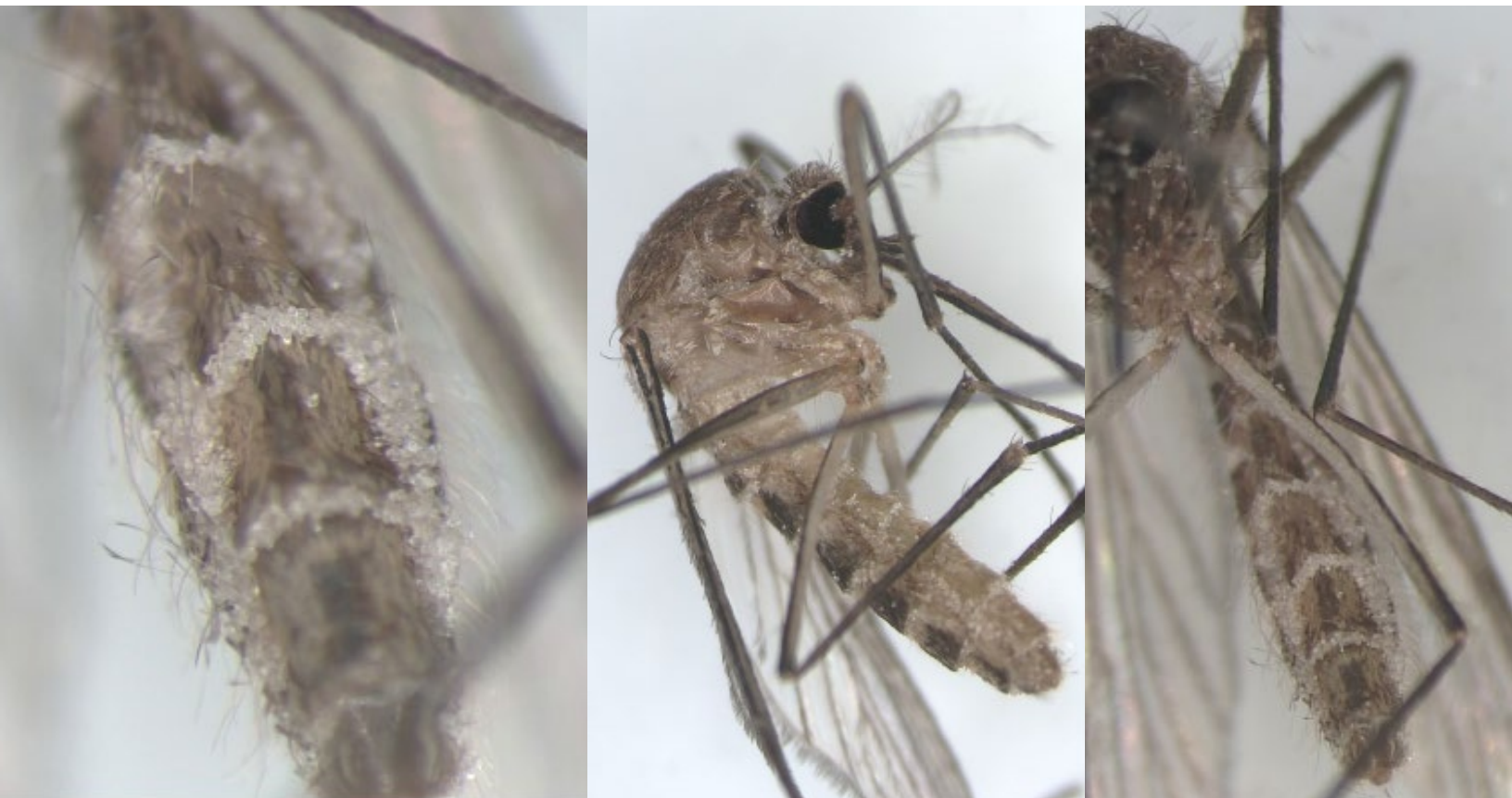
# WHAT'S THAT? ANSWER

During two separate (one week apart) trapping events at one particular site, we came across three *Cx. pipiens* covered in an odd clear spherical fungus. After further research, we learned that what we may have found was a type of entomopathogenic fungus (EPF). These fungi are microorganisms that infect insects and are often fatal. The infection begins with a contact action in which the spores of the EPF attach itself to the insect's cuticle and begin to germinate. From this point, appressoria begin to emerge which start the process of penetrating the host's exoskeleton. Once the EPF has entered the insect's body cavity, it begins to produce hyphae. From this stage the EPF release toxins causing paralysis and nutrient depletion, ultimately leading to the insect's death.

Today, there are many applications of entomopathogenic fungi for farm use to help manage the insect infestation of crops. However, as a means for mosquito control, EPF are underutilized and underestimated due to a lack of knowledge and research on its applications and effectiveness towards mosquito populations. Under the right conditions, EPF could be used for mosquito control in storm drain systems where use of bacterial or chemical adulticides may be problematic. In a recent study conducted in Coachella Valley, California, the use of EPF in storm drain systems held a lot of promise while also presenting some challenges. If you are interested in learning more about the study, you can read the article [here](#). Below are some images of the EPF attached to our specimens.

-Submitted by TJ Carner, York County Mosquito Control

David A Popko, Jennifer A Henke, Bradley A Mullens, William E Walton, Evaluation of Two Entomopathogenic Fungi for Control of *Culex quinquefasciatus* (Diptera: Culicidae) in Underground Storm Drains in the Coachella Valley, California, United States, *Journal of Medical Entomology*, Volume 55, Issue 3, May 2018, Pages 654–665, <https://doi.org/10.1093/jme/tjx233>



# 2020 VMCA COMMITTEES

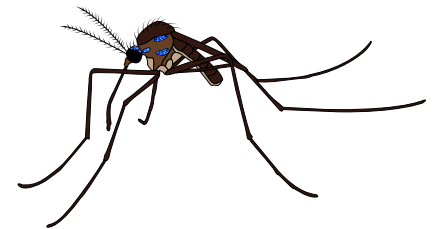
COMMITTEE	CHAIR(S) 2020	MEMBERS (2020)	DUTIES/PROJECTS
<b>Annual Meeting (Local Arrangements)</b>	Charles Abadam	Ann Herring, Luz Grant, Josh Smith, Ryan Levering, Stephen Rehak	Decides location of future meetings
<b>Annual Meeting (Program/Agenda)</b>	Tim DuBois	Mitch Burcham, Eli Hosen, Andy Lima, John Orr	Organize Annual Meeting program
<b>Annual Meeting (Vendor Planning)</b>	Kurt Vandock	Ann Herring, Wes Robertson, Steve Molnar	Vendor correspondence/setup
<b>Audit</b>	Mitch Burcham	Daniel Sherwood, Penelope Smelser, Mike Bowery	Annual audit of financial record
<b>Bylaws</b>	Jay Kiser	Charles Abadam, Luz Grant, Daniel Sherwood, Eli Hosen, George Wojcik	Bylaw revision/maintenance
<b>Education</b>	Lisa Wagenbrenner	Ann Herring, Jennifer Barritt, Karen Akaratovic	Recertification, Adult ID course
<b>Elections</b>	Andy Lima	Penelope Smelser	Set up online voting, send out voter information, count votes, announce winners during annual business meeting
<b>Historian</b>	Tim DuBois	John Orr, Carla Caulkins, Ann Herring, Daniel Sherwood, Francisca Cantu, Amanda Byrd	Historical archive
<b>Hospitality Room</b>	Luz Grant	Darrell James, Charles Abadam, Tarik Phililps	Annual Meeting hospitality room
<b>Information/Social Media</b>	Karen Akaratovic, Rachel Kempf	Cassidy McKelvie, Katherine Reutt, Wes Robertson	The Skeeter, Facebook, Instagram
<b>Legislative</b>	Randy Buchanan	Randy Buchanan	NPDES, VPDES, PESP
<b>Membership</b>	Jay Kiser	Joshua Bernick, Tim DuBois, Ann Herring	Keep updated list of membership
<b>Merchandise</b>	Penelope Smelser	Katherine Reutt, Lisa Wagenbrenner, Ann Herring, Luz Grant, Daniel Sherwood, Francisca Cantu	Coordinating sales of merchandise for and during annual meeting
<b>Nominating</b>	LaToya White	Ann Herring	Find election candidates, prepare/gather profiles of nominees for ballots
<b>Photography</b>	Janice Pulver	Carla Caulkins, Andy Lima	Takes photos of VMCA-related events for website, The Skeeter, Facebook and Instagram
<b>Public Relations</b>	Ryan Levering	Wes Robertson, Ann Herring	Mosquito Awareness Week, Outreach/Education
<b>Special Awards</b>	Jennifer Barritt	LaToya White, Charles Abadam, Karen Akaratovic, Ann Herring, Phil Meekins, Darrell James	Annual Meeting awards--R.E. Dorer, Outstanding Service
<b>Student Competition</b>	Jay Kiser	Charles Abadam, Karen Akaratovic, Kaitlyn Price, John Orr, Ann Herring, Wes Robertson, Ryan Levering, Francisca Cantu, Dennis Salmen, Francis Valera, George Wojcik, Michael Rollins	Organize student research/poster project competition with an award to be given at the annual meeting, raise funds for award, judge entries for student competition
<b>Technical Support</b>	Charles Abadam	Cassidy McKelvie, Daniel Sherwood, Eli Hosen, Joshua Bernick, Ciro Monaco	Maintain/advise VMCA on hardware/software, operate AV setup during annual meeting, AV support for Executive Board meetings
<b>Website</b>	Karen Akaratovic		Maintain and revise website

# 2020 SUSTAINING MEMBERS

The VMCA gratefully acknowledges the support of the following sustaining members for 2020. 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!



Bayer Environmental Science



#### [ADAPCO, Inc](#)

Ted Bean  
(814) 671-6516  
[tbean@myadapco.com](mailto:tbean@myadapco.com)

#### [Co-Diagnostics Inc](#)

Seth Egan  
(801) 438-1036  
[s.egan@codiagnostics.com](mailto:s.egan@codiagnostics.com)

#### [UNIVAR USA, Inc.](#)

John Singletary  
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#### [Morrell Instruments Company, Inc.](#)

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#### [Valent Biosciences Corp.](#)

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#### [Central Life Sciences](#)

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# VIRGINIA MOSQUITO CONTROL JURISDICTIONS & OTHER RESOURCES

As a result of revisions to the VMCA By-Laws, the organizational member category was eliminated. In order to facilitate communication among mosquito control programs, jurisdictions with known mosquito and vector control programs are listed below. If there are other jurisdictions that should be listed, please submit them to the editor.

## Virginia Mosquito Control Jurisdictions

[Alexandria Health Department](#)

Boykins, Town of

[Chesapeake Mosquito Control Commission](#)

[Chincoteague Mosquito Control](#)

[Fairfax County Health Department](#)

Fort Eustis

[Gloucester County Mosquito Control](#)

[Hampton Environmental Services](#)

[Henrico County](#)

[Newport News Vector Control](#)

[Norfolk Vector Control](#)

[Poquoson Mosquito and Drainage](#)

[Portsmouth Mosquito Control](#)

[Prince William County Mosquito & Forest Pest Management](#)

[Suffolk Mosquito Control](#)

US Air Force / Langley Air Force Base

[Virginia Beach Mosquito Control](#)

[Williamsburg Mosquito Control](#)

[York County Mosquito Control](#)

## Other Mosquito Control Organizations

[American Mosquito Control Association](#)

[Mid-Atlantic Mosquito Control Association](#)

## Other Resources

[Virginia Department of Health](#)

[Centers for Disease Control & Prevention](#)

[Fairfax County Education and Outreach Materials](#)

# WANTED: SUBMISSIONS!

Do you have information you'd like to include in the next issue of The Skeeter or a photo you'd like to share? We are always looking for organizational updates, operational news, education and outreach activities, pictures, stories, and anything remotely vector-related to include in upcoming newsletters as well as on [Facebook](#) and [Instagram](#)

Please send all items to the Skeeter editor, Rachel Kempf at [rachel.kempf@fairfaxcounty.gov](mailto:rachel.kempf@fairfaxcounty.gov)



**THE SKEETER**  
Newsletter of the  
Virginia Mosquito  
Control Association



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**Editorial Review :**  
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**Take the time to volunteer on a committee! An active membership makes for a stronger organization. Contact anyone on the Board to participate.**

The Skeeter is the official production 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 Rachel Kempf at [rachel.kempf@fairfaxcounty.gov](mailto:rachel.kempf@fairfaxcounty.gov) or Karen Akaratovic at [kakaratovic@suffolkva.us](mailto:kakaratovic@suffolkva.us)