

# The Landing Rate Count

[www.scmca.net](http://www.scmca.net)

Newsletter of the South Carolina Mosquito Control Association

September 2021 –Vol 46 • Issue 3

Editor: Special Young

## The President's Message

Due to the summer heat and recent rains, mosquito season should be at peak intensity as we head into the traditional disease transmission period. Throughout the past year, the board has worked hard to represent the membership during an unprecedented disruption to our industry and personal lives. Since we were not able to hold an annual conference in the Fall of 2020, we held a virtual Business meeting in March 2021 to satisfy the Bylaws and Constitution. This meeting allowed the membership to vote on keeping the current board in place until we could reconvene and elect a new slate as well as approving the minutes and financial report from the February 2020 meeting. In addition, we hosted a virtual Summer Workshop in June 2021, with 60 people in attendance and 37 members receiving 3.5 continuing credit hours from Clemson. A sincere thank you to all the speakers for contributing their time and talent to allow our members this great opportunity to learn and stay connected. Hopefully, we will be back on "normal" schedule for the 2022 Summer workshop so we can all enjoy that great BBQ. Unfortunately, we will not be able to hold an in-person event for our Annual Meeting again this Fall. The Board was again forced to decide based on travel restrictions in place for many State and Local governments. An invitation to a half day virtual event scheduled for October 28 will be sent out soon. We will have some educational sessions, updates from other Associations, business meeting and installment of officers so it is critical for everyone to attend.

You will find an abundance of information we need from you in the rest of this newsletter. Please respond with your votes, nominations, and membership renewal as soon as possible so we can plan accordingly.

Finally, a big thank you to all our board members for volunteering to serve the Association and its members. Everyone stepped up and served an extended term to keep us on track and viable through a really difficult time.

Stay safe, and I hope to see everyone in the virtual event on October 28.

**Larry Motes, BCE**



Larry Motes, BCE  
2020 - 21 SCMCA President

## In This Issue

- President's Message ..... 1
- SCMCA Sustaining Members ..... 2 - 3
- SCMCA Regions..... 4
- In Memoriam ..... 5-7
- Upper Region ..... 8
- Middle Region..... 9
- Lower Region ..... 10-12
- Retirement Announcement ..... 13
- MAMCA Board Members... ..... 14
- SCMCA Membership Application..... 15
- Web Resources ..... 16
- 2021 Technician of the Year Nomination Form..... 17
- 2021 SCMCA Board ..... 18

## Important Meeting Notice

**The South Carolina Mosquito Control Association will be hosting a virtual Annual Meeting on October 28, 2021.**  
**Email invite will be sent soon!**

# 2021 SCMCA Sustaining Members

*Thank you for your time and contributions!*



**ADAPCO Innovative Mosquito Solutions,**  
**an AZELIS Americas Company**

Trey English

(866) 829-0275 office

(229) 300-0091 cell

(866) 330-9888 fax

tenglish@myadapco.com



[WWW.MYADAPCO.COM](http://WWW.MYADAPCO.COM)

[WWW.AZELISAMERICAS.COM](http://WWW.AZELISAMERICAS.COM)



**AllPro Vector Group**

(248) 773-7460 office

sales@allprovector.com

[WWW.ALLPROVECTOR.COM](http://WWW.ALLPROVECTOR.COM)



**Clarke Mosquito Control**

Sydney Brogden

(828) 735-1760

sbrogden@clarke.com

[WWW.CLARKE.COM](http://WWW.CLARKE.COM)

***Allen Aviation, Inc.***  
***Aynor, S.C.***

**Allen Aviation, Inc.**

Al and Shanda Allen

(843) 358-3583 office

flyallen@sccoast.net

[WWW.ALLENAVIATION.COM](http://WWW.ALLENAVIATION.COM)



**Central Life Sciences**

Kelly Deutsch

(407) 952-2817 cell

kdeutsch@central.com

[WWW.CENTRALLIFESCIENCES.COM](http://WWW.CENTRALLIFESCIENCES.COM)



**Gregory Pest Solutions**

Tim Teague

(803) 309-6844

tteague@gregorypestsolutions.com

[WWW.SMARTERPESTCONTROL.COM](http://WWW.SMARTERPESTCONTROL.COM)

## 2021 SCMCA Sustaining Members, continued



**Mosquito Control Engineering Services (MCES), LLC**

Carlos Gonzalez  
(321) 363-4977  
carlos@mymces.com

[WWW.MYMCES.COM](http://WWW.MYMCES.COM)



**Target Specialty Products**

Steve Molnar  
(470) 432-3134  
steve.molnar@target-specialty.com

[www.target-specialty.com](http://www.target-specialty.com)



**Unmanned Ingenuity, LLC**

Michael Midgett  
(850) 368-0910  
Michael@unmannedingenuity.com

[www.unmannedingenuity.com](http://www.unmannedingenuity.com)



**AMVAC Chemical Corporation**

Peter Connolly  
(772) 563-0606 office  
(772) 205-5280 cell  
peterc@amvac-chemical.com

[WWW.AMVAC-CHEMICAL.COM](http://WWW.AMVAC-CHEMICAL.COM)



**Univar Environmental Sciences**

Maria Miller  
(704) 589-7199  
sales@verseriscom

[www.veseris.com](http://www.veseris.com)



**Valent Biosciences**

Candace Royals  
(813) 505-8852  
Candace.royals@valent.com

[WWW.VALENTBIOSCIENCES.COM](http://WWW.VALENTBIOSCIENCES.COM)

# 2021 SCMCA Sustaining Members, continued



Mosquito Spraying • Woods Spraying • Crop Spraying • Fertilization

## Williamsburg Air Service, Inc

Guy McClary

(843) 382-8289 office

(843) 687-3629 cell

WILLIAMSBURGAIRSERVICE@yahoo.com

SPRAYING@ftc-i.net

[WWW.WILLIAMSBURGAIRSERVICE.COM](http://WWW.WILLIAMSBURGAIRSERVICE.COM)

## SCMCA Regions & Delegates

### Upper Region: Amber Leonard

Phone: (864) 596-3327

[leonaras@dhec.sc.gov](mailto:leonaras@dhec.sc.gov)

### Middle Region: Chelsey Reed

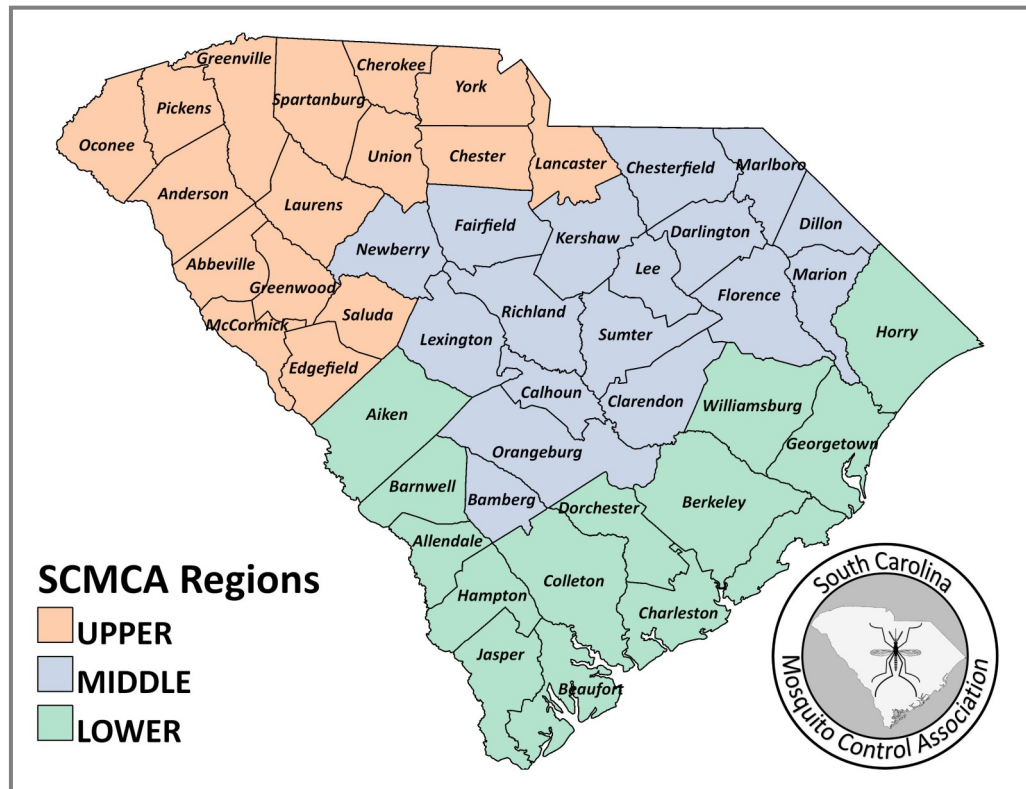
Phone: (803) 576-2427

[reed.chelsey@richlandcountysc.gov](mailto:reed.chelsey@richlandcountysc.gov)

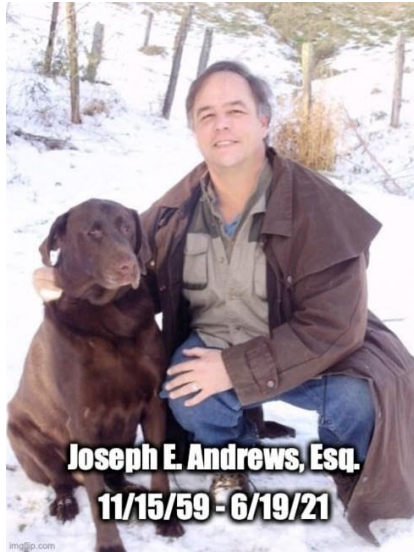
### Lower Region: James Brock

Phone: (843) 915-6963

[brockja@horrycounty.org](mailto:brockja@horrycounty.org)



## In Memoriam – Joe Andrews



Joseph Edwin Andrews, 61, of Cameron, NC, passed away June 19, 2021, at his home surrounded by family following a courageous 17-month battle with pancreatic cancer.

In high school, Joe was a competitive swimmer. He earned a Bachelor of Science in Marine Biology from the University of Wilmington.

Joe worked for NC Fisheries helping with research on Turtle Exclusion Devices, amongst many other duties. He became interested in Vector Disease Control and went to work for North Carolina Public Health Pest Management. Eventually he moved to the private sector in mosquito control.

Joe was active in half a dozen professional associations and was Board President of the North Carolina Vector and Disease Association and the Mid-Atlantic Mosquito Control Association. During his tenure, he became known for his teaching and training. Joe served as the At-Large Member on the SCMCA



Board of Directors in 2010 and in 2016.

Joe received several awards, including the Hamilton Stevens Award for Outstanding Performance, The Silver Dipper Award, and the Outstanding Service Award from the Mid-Atlantic Mosquito Control Association.

Joe was also a dedicated volunteer for the Friends of Madison County Animals and the Southeast Llama Rescue. He was manager of the Sanford Farmers' Market and was an avid hunter and fisherman.

Joe is survived by his wife Laurie Alvin Andrews, his children, Aurea Andrews, and Molly Andrews Williams (Sean) and by his sisters, Marian Andrews Brenton (Douglas), Carolyn Andrews, and Laurie Andrews Manley (Junior), and his rescued dog, Muddy Malone.

In lieu of flowers, a donation in Joe's name can be made to one of these organizations: Spark for Autism, <https://www.sparkforautism.org> Pancreatic Cancer Action Network, <https://www.pancan.org> Autisim Speaks, <https://www.autismspeaks.org>



## In Memoriam - Kim Todd



Kim Todd began her career working with Charleston County Mosquito Control. After working for Charleston approximately 11 years, she moved over to the mosquito control industry and served in that capacity for several years. Kim was known for her fun-loving personality, boating, fishing, and most notably - her love of animals.

Kim served on the SCMCA board of directors as Secretary-Treasurer from 1997 – 1999. She then went on to serve as VP, President, and Past President 2000 – 2002.

On Tuesday, April 13, 2021, Kimberly Jean Todd, age 56, passed away peacefully at Lexington Medical Center. She was surrounded by family and loved ones.



## Upper Region

### City of Edgefield

David Coleman with the City of Edgefield stated that no complaints have been received this season. The department has been unable to spray this season due to staffing and equipment maintenance concerns.

### City of Fountain Inn

Lori Cooper with the City of Fountain Inn stated they have only received two complaints this season. The department has continued using Biomist to spray within city limits with success.

### City of Gaffney

Barry Bundy with the City of Gaffney stated that no complaints have been received this season. The department has continued to use Deltagard with success. He also stated that this has been a moderate season compared to past seasons.

### Greenwood County Lake Management

Julie Davis with Greenwood County Lake Management stated that only one complaint has been received so far this season. Larvaciding is completed using Vectobac liquid and Altosid brisquettes in shallow, stagnant pools of water around Lake Greenwood. Treatments are completed using a boat and two-man crew.



## Middle Region

### Richland County

We had a budget cut to our seasonal staff so we were unable to hire anyone this spring. We are also limited on how long the folks we do have can stay. We have funds to hire a new administrative support person, and have a number of applicants for the position that we are processing. We have been conducting our routine surveillance along with West Nile surveillance. Olin Towery has begun running RAMP testing on some of our gravid collections and the rest we submit to DHEC for testing. We have not provided any educational outreach activities because of COVID-19. We have been attempting to gain control at a few major breeding sites where it simply isn't feasible and have therefore been presenting the information for documentation of why & where we need drone capability. Otherwise, things have been steady so far. We'll wait to see what Fred and any other hurricanes hold in store for the future.

Tammy Brewer  
Richland County Vector Manager

## Lower Region

### Berkeley County

This year started out very dry in Berkeley County. As a result, we have had a mild mosquito season so far. The only major exception being the fairly large numbers of salt marsh species seen in July, but it wasn't quite as bad as June 2020 when we had to spray aerially. This was also a localized problem that only affected a few areas of the county. I imagine we will still experience our seemingly inevitable woodland flood-water species hatch-offs in September/October. Our department is prepared to deal with whatever the rest of the season brings.

Andrew Starland

### Beaufort County

In Beaufort County, the 2021 mosquito season started slowly, like it did in most of the state. Much of the state was experiencing an Abnormally Dry drought status into the spring. In Beaufort, the parched soil soaked up any rainfall we had, but Tropical Storm Elsa brought more rain than the soil could stand. This was the turning point for the mosquito season here in Beaufort County. Multiple rainfall events have followed Elsa leading to a wetter July than in 2020. Our mosquito collections and service requests greatly increased in July, compared to 2020. We had 327 service requests in July, compared to 130 in July of 2020. As a result of the increased mosquito populations, we've treated more acres by ground ULV than 2020 (48,170 acres in July 2021 vs 24,299 acres in July 2020.)

In February, we were finally able to fill our vacant Chief Pilot position. Matt Morgan joined our team following his retirement from the U.S. Navy. Matt served for 25 years as a Navy fighter pilot and prior to retiring was the Commanding Officer of an F-18 squadron based in California. He was raised in Beaufort County, where his family still lives, so he was eager to return and we're extremely fortunate to have someone with his experience leading our Air Ops program.



Robert Cartner

MAMCA President

## Lower Region

### Charleston County

April and May were relatively dry in the Charleston region, but that status ended in June. Multiple rainfall events, including the county-wide effects of the remnants of Tropical Storms (TS) Claudette and Danny, along with seven days of “king” tide peaks, ramped up program surveillance and control activities to typical summer levels. July’s weather and tides carried on June’s trends, as TS Elsa and nearly continuous daily thunderstorms and scattered rain showers generated conditions comparable to June’s. The program recognized National Mosquito Control Awareness Week with several public education activities that included local TV/ newspaper coverage of our neighborhood public education door-to-door one-day Citizens Awareness Program (CAP) effort that reached out to over one hundred residences. The overhaul of one of the program’s helicopters was completed in June, giving us the valuable inspection and treatment capability of two rotorcraft. The program received budget approval to hire a Field Inspector, bringing our complement to seven, and also approval to hire an assistant manager. Both hires will help the program to better serve the rapidly growing number of residents and visitors to Charleston County.

Ed Harne

Taxonomist

## **Lower Region**

### **Horry County**

Horry County was below average rainfall in April and May, we were above average rainfall in the month of June and July. We have had a below average mosquito season so far this year as far as service request. The height of hurricane season is now upon us and we hope that we don't have any this year. We just hired another mosquito technician and are looking for several more and a part time employ as well to help with field surveillance.

James Brock

### **City of North Myrtle Beach**

The City of North Myrtle Beach has had a really good year so far. Our mosquito population has been a little below average compared to prior years with similar rainfall amounts. With things opening up and a record setting year for visitors, we are really pleased to report the fewest number of complaints we have ever had up until this point in the year. Thankfully our mosquito control staff has been able to stay healthy and provide great service with this ever changing pandemic. Cross our fingers we make it through hurricane season with little to no impacts and we will consider this a successful year. We hope everyone the best and look forward to seeing you at the annual meeting in October.

Johnny Bruton  
Operations Manager Streets & Drainage

### **Myrtle Beach**

There is really nothing new for the City of Myrtle Beach Mosquito Control Program for 2021. The city is still expanding with new neighborhoods going up all the time. This expansion presents new opportunities for mosquito control education for these new residents. We are still trapping for surveillance and for DEHEC. A new adulticide is being looked at for 2022, and that's all for now.

Clarence M. VanHouten  
City of Myrtle Beach Mosquito Control

## Happy Retirement to L. A. Williams, Jr.



L. A. Williams, Jr. officially retired in October 2020 after a 47-year career at SCDHEC. One night while washing his car at the University of Oklahoma, he had a chance encounter with John Lyle and his wife while they were out for a walk. John Lyle happened to notice that L. A.'s license plate was from Georgia, which initiated their conversation. Mr. Lyle was a manager for SCDHEC who had traveled to OK to go to graduate school. They became good friends and when Mr. Lyle heard about a position that was available for an entomologist he contacted L. A. and informed him that there was a job opening for, "whatever you are". After interviewing with Carl Fox, and spending most of the day with him, Mr. Fox decided that he wanted L. A. to be the new director of Vector Control for all of South Carolina. So, L. A. and his wife, Sandra, decided to leave Oklahoma and moved to SC.

L. A. is one of the founding members of SCMCA and MAMCA. He worked on the committees to establish and organize both associations. L. A. began serving on the SCMCA board of directors as Vice-President in 1980. He has assisted with meeting planning, behind the scenes, for many years. He has been recognized with numerous awards over the years such as the Environmentalist of the Year from the SC Public Health Association, R. E. Dorer Award from MAMCA, Meritorious Service Award from AMCA, and the SCMCA has named its highest award after him – the L.A. Williams, Jr. Award, the first of which was presented to him at the annual meeting in 2006.

When asked about what he considered some of his more memorable challenges during his career, the top of the list was Hurricane Hugo. He was pleased with the creation of the Waste Tire Bill and his contributions to the training and development of people's skills in the field of vector control. He enjoyed every day of his career.

So, why would he leave? During the pandemic, he had to work from home and "was exposed to the good life". Now he has decided to keep on enjoying it. He and Sandra love to travel. They have toured every state, every country in Western Europe, Morocco, Egypt, Kenya twice, Australia, Southeast Asia, and the jungles of Central America. So where to now? They plan to revisit as much of the USA as they can and enjoy the rest of their retirement together.





**SOUTH CAROLINA MOSQUITO CONTROL ASSOCIATION, INC.**

**Attn: Olin Towery, Secretary Treasurer**

**Richland County Vector Control**

**400 Powell Road**

**Columbia, SC 29203**

**OFFICE PHONE: (803) 576-2428**

**FAX: (803) 576-2498**

**MEMBERSHIP APPLICATION**

**NAME:**

\_\_\_\_\_

**ORGANIZATION:**

\_\_\_\_\_

**ADDRESS:**

\_\_\_\_\_

\_\_\_\_\_

**WORK PHONE:**

\_\_\_\_\_

**FAX:**

\_\_\_\_\_

**E-MAIL:**

\_\_\_\_\_

**TYPE OF MEMBERSHIP/ DUES (Renewal due at Annual Meeting)**

<b>Active Member</b>	<b>\$ 10.00</b>
<b>*Sustaining Member</b>	<b>\$150.00</b>

**\*Includes one active membership**

Please make checks payable to SCMCA and return to Olin Towery at the address above.

**For Office Use Only:**

Region: Upper / Middle / Lower

Amount Paid \$ \_\_\_\_\_ Date Paid: \_\_\_\_\_ ☐ Check # \_\_\_\_\_ ☐ Cash



## Web Resources

Resource	Website
American Mosquito Control Association	<a href="http://www.mosquito.org/">http://www.mosquito.org/</a>
CDC Division of Vector-Borne Diseases	<a href="http://www.cdc.gov/ncezid/dvbd">http://www.cdc.gov/ncezid/dvbd</a>
CDC Zika Virus Information	<a href="http://www.cdc.gov/zika/">http://www.cdc.gov/zika/</a>
Clemson University CEU Search (See <i>your</i> information)	<a href="http://regfocus.clemson.edu/dpr/ncommercial.htm">http://regfocus.clemson.edu/dpr/ncommercial.htm</a>
Clemson University Cooperative Extension Beekeeping	<a href="http://www.clemson.edu/extension/beekeepers/">http://www.clemson.edu/extension/beekeepers/</a>
Clemson University Department of Pesticide Regulation	<a href="http://regfocus.clemson.edu/dpr/">http://regfocus.clemson.edu/dpr/</a>
EPA Insect Repellents: Use and Effectiveness	<a href="http://cfpub.epa.gov/oppref/insect/">http://cfpub.epa.gov/oppref/insect/</a>
Florida Medical Entomology Laboratory (+ID Guide)	<a href="http://fmel.ifas.ufl.edu/">http://fmel.ifas.ufl.edu/</a>
Florida Mosquito Control Association	<a href="http://www.floridamosquito.org/Home/">http://www.floridamosquito.org/Home/</a>
Mid-Atlantic Mosquito Control Association	<a href="http://www.mamca.org/">http://www.mamca.org/</a>
NC Mosquito and Vector Control Association	<a href="http://www.ncmvca.org/">http://www.ncmvca.org/</a>
SC DHEC Mosquitoes in South Carolina	<a href="http://www.scdhec.gov/mosquitoes">http://www.scdhec.gov/mosquitoes</a>
SC DHEC Reporting Dead Birds in South Carolina	<a href="http://www.scdhec.gov/birdtesting">http://www.scdhec.gov/birdtesting</a>
SC DHEC Zika Virus Information	<a href="http://www.scdhec.gov/zika">http://www.scdhec.gov/zika</a>
Society for Vector Ecology	<a href="http://www.sove.org/">http://www.sove.org/</a>
South Carolina Aquatic Plant Management Society	<a href="http://www.scapms.org/">http://www.scapms.org/</a>
SC Bee Keeper Association (Local assoc. links)	<a href="http://www.scstatebeekeepers.org/">http://www.scstatebeekeepers.org/</a>
SC Mosquito Control Association	<a href="http://www.scmca.net/">http://www.scmca.net/</a>
USGS (Arbovirus Disease Maps)	<a href="http://diseasemaps.usgs.gov/mapviewer/">http://diseasemaps.usgs.gov/mapviewer/</a>



## 2021 SCMCA TECHNICIAN OF THE YEAR AWARD

Nominee: \_\_\_\_\_ Date: \_\_\_\_\_

***PLEASE ADD A BRIEF BIO ON THE BACK OF THIS FORM***

Jacket Size: \_\_\_\_\_

County/State Program: \_\_\_\_\_

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

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Job Title: \_\_\_\_\_

Supervisor: \_\_\_\_\_ Phone/Email: \_\_\_\_\_

***WRITE A BRIEF SUMMARY SUPPORTING YOUR NOMINEE FOR THIS AWARD.*** (In your nomination, be specific – who, what, when and where. Attach a letter or other supporting material if needed.)

---

---

---

---

---

### Guidelines for Selection:

1. Consistent and excellent performance with efforts above and beyond expected duties
2. General knowledge of mosquito biology
3. Service to community
4. Positive attitude: enthusiasm, pride in work
5. Team Player
6. Must be a member of the association in good standing

Please complete this form and return to:

Tammy Brewer  
Richland County Vector Control  
400 Powell Road  
Columbia, SC 29203  
Phone: (803) 576-2425  
Email: [brewer.tammy@richlandcountysc.gov](mailto:brewer.tammy@richlandcountysc.gov)

**DEADLINE FOR SUBMISSION:**  
September 24, 2021

## 2021 SCMCA Board of Directors

**President:** Larry Motes, BCE  
General Manager  
Board Certified Entomologist  
Gregory Pest Solutions  
200 Smith Hines Road,  
Greenville, SC 29607  
Phone: (843) 729-7852  
[lmotes@gregorypestsolutions.com](mailto:lmotes@gregorypestsolutions.com)

**Vice-President:** Special Young  
FEMA PA Project Coordinator  
Goodwyn Mills and Cawood  
801 Broad Street, Suite 900  
Augusta, GA 30901  
Phone: (864) 266-8859  
[specialyoung56@gmail.com](mailto:specialyoung56@gmail.com)

**Secretary-Treasurer:** Olin Towery  
Richland County Vector Control  
400 Powell Road,  
Columbia, SC 29204  
Phone: (803) 576-2428  
[towery.Olin@richlandcountysc.gov](mailto:towery.Olin@richlandcountysc.gov)

**Upper Region:** Amber Leonard  
Environmental Health Manager  
SCDHEC—EA Spartanburg  
151 East Wood Street,  
Spartanburg, SC 29303  
Phone: (864) 596-3327  
[leonaras@dhec.sc.gov](mailto:leonaras@dhec.sc.gov)

**Middle Region:** Chelsey Reed  
Richland County Vector Control  
400 Powell Road,  
Columbia, SC 29204  
Phone: (803) 576-2427  
[reed.chelsey@richlandcountysc.gov](mailto:reed.chelsey@richlandcountysc.gov)

**Lower Region:** James Brock  
Horry County Mosquito Control  
4401 Privetts Road,  
Conway, SC 29526  
Phone: (843) 915-6963  
[brockja@horrycounty.org](mailto:brockja@horrycounty.org)

**At-Large:** Steve Molnar  
Target Specialty Products  
5785 Brook Hollow Parkway,  
Suite C  
Norcross, GA 30071  
[steve.molnar@target-specialty.com](mailto:steve.molnar@target-specialty.com)

**Past President:** Trey Reed  
Director, SCDHEC – Bureau of Business  
Management  
2600 Bull Street  
Columbia, SC 29201  
Phone: (803) 576-2770  
[reedhm@dhec.sc.gov](mailto:reedhm@dhec.sc.gov)

**Historian:** Tammy Brewer  
Richland County Vector Control  
400 Powell Road,  
Columbia, SC 29204  
Phone: (803) 576-2425  
[brewer.tammy@richlandcountysc.gov](mailto:brewer.tammy@richlandcountysc.gov)

**SCMCA Website:**  
[www.scmca.net](http://www.scmca.net)

**SCMCA E-Mail:**  
[scmosquitocontrolassociation@gmail.com](mailto:scmosquitocontrolassociation@gmail.com)

---

### SCMCA – Promoting Mosquito Control in South Carolina

*The Landing Rate Count*  
**SC Mosquito Control Association**  
c/o Richland County Vector Control  
400 Powell Rd  
Columbia SC 29204

PLACE  
STAMP  
HERE