

TEXAS MOSQUITO CONTROL ASSOCIATION NEWSLETTER

Volume 40

July

2019



Photo: courtesy of Rico Salvador

Dear TMCA Members,

The passing of the baton was a bit late as flood waters kept some members from attending the 2018 annual conference. However, Dr. Sames (left) initiated Mr. Mike Nichols as your 2019 TMCA President during the Spring workshop.

Editor – James Garcia

Asst. Editors – Patrick Prather, Salvador Rico, William Sames

2019 Texas Mosquito Control Association Board of Directors

President	Mike Nichols	Target Specialty Products, (713) 682-4411; mike.nichols@target-specialty.com
President-elect	Salvador Rico	HCPHES Mosquito Control Div., 3330 Old Spanish Trail, Bldg. D, Houston, TX 77021; (713) 440-4800; srico@hcpbes.org
1st Vice-President	Greg Marciniak	Jefferson County Mosquito Control, 8905 First St., Beaumont, TX 77705; (409) 719-5927; gmarciniak@co.jefferson.tx.us
2nd Vice-President	Nina Dacko	TCPH Vector Control, 1101 S Main St. Fort Worth, TX 76104; nmdacko@tarrantcounty.com
Director	James Garcia	City of Baytown Mosquito Control, 220 W Defee Ave, Baytown, TX 77520 (281) 425-1008; james.garcia@baytown.org
Director	Vacant	
Secretary	Meagan Wise-de Valdez	Texas A&M San Antonio, One University Way, San Antonio, Texas 78224 (210) 784-2218; mwisedev@tamusa.edu
Treasurer	Richard Duhrkopf	PO Box 906, Hewitt, TX 76643; (254) 744-8497; rick_duhrkopf@baylor.edu
Past President	William Sames	PO Box 547, Leakey, TX 78873; mosquitodoctor@yahoo.com

2019 Texas Mosquito Control Association Standing Committees

Legislative	Mike Nichols, Chair	R. Duhrkopf
Membership	Greg Marciniak, Chair	M. Nichols, M. Johnsen
Program	Nina Dacko, Chair	Board of Directors
Publicity/Newsletter/Media	Nina Dacko, Chair	J. Garcia (Chair, Newsletter Subcommittee), M. McNairn (Chair, Website Subcommittee), S. Rico (Chair, Social Media Subcommittee), M. Nichols, P. Prather, W. Sames, S. Sawlis
Scholarship & Awards	Jeff Flosi, Chair	R. Duhrkopf

2019 Texas Mosquito Control Association Special Committees

Auditing	Mike Nichols, Chair	M. Johnsen, P. Beebe, C. Fredregill, W. Sames
Constitution, By-laws & Resolutions	William Sames, Chair	W. Becker, M. Nichols, S. Sawlis
Financial Support	Patrick Beebe, Chair	J. Flosi, M. Nichols
Local Arrangements	Rick Duhrkopf, Chair	R. Duhrkopf, M. Nichols
Nominating	William Sames, Chair	R. Duhrkopf, J. Flosi, S. Sawlis
Young Professionals	Eleanor Kirkscey, Chair	E. Chu, K., K. Haydett, E. Plaisance, S. Peper
Systematics	Jeff Flosi, Chair	R. Duhrkopf, W. Sames
Workshop CEU's	Rick Duhrkopf, Chair	J. Flosi, M. Nichols

Message from the President



Mike Nichols

I started my last message with a Chinese proverb, so in keeping with that theme, let me share this: “Even a mosquito doesn’t get a slap on the back until it starts to work.”....Austin O’Malley. By now many of our members’ programs are in full swing, with surveillance programs running continually and control methods being employed as necessary. Most members are fortunate in that in many areas of Texas the control efforts needed have been minimal thus far. Texas is well ahead of average this year regarding rainfall, with only parts of deep south Texas being a little dry, but those widespread rains have only caused hatches of nuisance mosquitoes in limited areas. Similarly, state wide viral activity in 2019 is well behind the levels seen at this point in time in both 2017 and 2018. As of June 25, TDSHS has reported only 46 mosquito pools positive for WNV over 5 counties. We certainly shouldn’t let our guard down, but if this trend continues it could be a year with light activity.

In May I was able to attend my first AMCA Washington Day, and it was quite a unique experience for me. Joining me from Texas this year were Nina Dacko, Vector Control Supervisor for Tarrant County, Dr. Umair Shah, Executive Director of Harris County Public Health, Dr. Mustapha Dubboun, Director of Mosquito Control for Harris County Public Health, Albert Cheng, Manager of Government Affairs for Harris County Public Health, and Ed Bredemeyer, Director of Sales West for Central Life Sciences. With 6 people in attendance from Texas, I believe we set a record for our organization, and I would like to thank each of these attendees for their time and effort in representing our state, our organization, and our industry. The trip consisted of two days, one spent in conference learning about the issues affecting our industry, and one spent on Capital Hill visiting with legislative aids about these issues. Having never attended this trip previously, it provided a unique insight into the workings of our federal government. Though at times as individual US citizens we feel small and as though we have very little say in laws and regulations, I am still proud to live in a country where we have an open government where through political and public policy processes we are provided with opportunities for civic engagement with our Congressmen and Senators. I highly encourage any and all TMCA members with the ability to travel for meetings such as this to attend in the future.

This year the TMCA Annual Meeting will be held October 9th-10th at the Hilton Garden Inn in Waco, TX. Details on this meeting can be found within this newsletter. Though there proved to be a few snags in finalizing a location, we are fortunate enough again to be able to announce the location fairly early in the season so as to allow our members ample time to get approval for travel. A big “thank you” to Dr. Durhkopf for his hard work in making arrangements for this meeting. Also, we were fortunate this year in being able to secure Joe Conlon as our Adapco keynote speaker. For those of you who have not listened to or spoken with Joe, you have been missing out on a great resource. Joe has been the Technical Advisor for AMCA for many years now, and is a wealth of knowledge. I look forward to his presentation this fall.

Another thing that happens at our Annual Meeting is the election of new board members. As most of you are aware, we approved a new board structure in 2017, and then implemented it in 2018. As part of that new structure, we now elect two additional board members annually, one to a 2-year term and one to a 6-year term. If anyone is interested in serving as a board member for the Association, please reach out to our nominating committee and discuss this opportunity.

Finally, something else exciting will also be happening soon....we will have a new website. Megan McNairn has been working with Dr. Duhrkopf on making the necessary monetary arrangements for the new site, and she is almost ready to transfer the domain and go live. It will be a glorious day when that finally happens.

I hope each of you have a happy and healthy summer.

Mike Nichols

TMCA President

Position Announcement – Membership Committee Chair

Greg Marciniak, who has been the TMCA Membership Committee Chair for many years, is planning to retire in about 3 years. He is looking for a person who is interested working with him at the Workshop and Annual Meeting Registration desk to learn the procedures and requirements, then taking over for him in two or so years. This volunteer position is critical to the TMCA. Interested persons should contact Greg directly at membership@texasmosquito.org

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TMCA ANNUAL MEETING 2019

What mosquito research do you have to share?

Get your abstract in by August 31st, 2019

E-mail title name and presenter info to nmdacko@TarrantCounty.com

When: October 9th & 10th

Where: Hilton Garden Inn

5800 Legend Lake Pkwy Waco, TX 76712

(254) 633-4233 TMCA rate: \$105 Single/Double



Texas Mosquito Control Association
Legislative Committee Report
June 28, 2019

- I. The Pandemic and All-Hazards Preparedness and Advancing Innovation Act (PAHPIA) (S. 1379), which includes the Strengthening Mosquito Abatement for Safety and Health (SMASH) Act, was signed into law on June 24th. This bill provides funding to political subdivisions in response to a public health threat from mosquito and vector transmitted diseases. This bill only authorized the funding, but those funds must still be appropriated.

- II. AMCA and member organizations have begun contacting congress requesting \$300,000 in funding for the Department of Agriculture's IR-4 Public Health Pesticides Program (PHP) within the FY 2020 Agriculture Appropriations bill.

- III. Issues surrounding the Endangered Species Act (ESA) continue to plague our industry and our efforts to protect public health. AMCA recently composed a letter to the secretary of the interior regarding a petition to protect the Gulf Coast Solitary Bee, correcting inaccuracies about mosquito control included in the petition. Also, the EPA recently presented a draft revised method for conducting national level threatened and endangered species biological evaluations for pesticides.

Source: American Mosquito Control Association

TMCA Administrative Notes

Publishing in the TMCA Newsletter. The TMCA newsletter is a medium for getting information to TMCA members. Newsletter content is based upon contributions from TMCA officers and members, and whatever the editor can come up with to fill blank spaces and make the newsletter fun and informative. If you have information that would benefit TMCA members feel free to submit that information to the TMCA Editor or one of the several Assistant Editors. Normally, we print 4 issues per year with each issue coming out shortly after the quarterly Board of Directors meeting. Ideally, newsletters are sent in January, May, August, and November. Photos and mosquito related-humor are also welcomed. Have artistic talent? Consider drawing a design for the cover.

Advertise in the TMCA Newsletter. Advertising rates are \$50 for a whole letter-sized (8.5 x 11 inches) page ad. Half page ads are \$30 (8.5 x 5.5) Submit copy ready artwork to the TMCA Editor. Electronic files in MS Word or PDF are preferred.

TMCA Committees. Interested in serving on a TMCA Committee? If yes, please contact the Committee Chair, let them know you want to be on the committee and ask what you can do to get involved and help the TMCA.

Help! Information Needed from You!

The TMCA and Louisiana Mosquito Control Association (LMCA) are planning a Joint LMCA/TMCA Annual Meeting in as early as the fall of 2020 with the first of these joint meetings being in Louisiana (possibly Lake Charles or other location close to the Texas state line). A question arose about how this might affect travel funds for city, county, or state officials (some may not allow travel across state lines).

Ask your travel department if they will fund your attendance at a Joint LMCA/TMCA meeting IF the meeting location is in Louisiana and let me know what they say.

Send replies to Bill Sames – mosquitodoctor@yahoo.com

Thanks!



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Health and Human Services

Texas Department of State
Health Services



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MGK

Valent BioSciences

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TMCA Board of Directors
October 2018 – October 2019



L to R seated: Nina Dacko – 2nd Vice President, Mike Nichols – President, Salvador Rico – President Elect, Rick Duhrkopf – Treasurer, Megan Wise de Valdez – Secretary, Back Row L to R: James Garcia - Director, Larry Heller (Now Vacant) - Director, Greg Marciniak – 1st Vice President. Not pictured: Bill Sames – Past President.

TMCA Committee and Subcommittee Chairs

October 2018 – October 2019



L to R seated: Meagan McNairn (Website), Nina Dacko (Program; Publicity, Newsletter, and Media); Kyndall Braumueller (Young Professionals); Patrick Beebe (Financial Support); Salvador Rico (Social Media); L to R backrow: Jeff Flosi (Awards and Scholarships; Systematics); James Garcia (Newsletter); Mike Nichols (Legislative; Auditing); Greg Marciniak (Membership), Rick Duhrkopf (Local Arrangements; Workshop CEUs); Not Pictured: Chris Fredregill (Nominating); Bill Sames (Constitution and By-Laws)

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2019 TMCA Workshop Vendor Support

The companies listed on these pages exhibited at the TMCA Spring Workshop in Waxahachie. Sponsoring companies are acknowledged in parenthesis. Please remember those who support TMCA when you seek mosquito surveillance and control products.

Photos by William Sames and Salvador Rico.



Will Becker with Robert Stocker for CATCHMASTER. (Exhibitor, Contributing Sponsor)



Patrick Sutton and Mike Nichols for TARGET SPECIALTY PRODUCTS. (Exhibitor, Sponsored Coffee Break)



Mike Kunka for CENTRAL LIFE SCIENCES/ZOËCON SERVICES. (Exhibitor)



Larry Heller for ADAPCO. (Exhibitor)



Doug Carroll for CLARKE MOSQUITO CONTROL PRODUCTS. (Exhibitor)



Keith Haas, Ron Dedeke, Wes Harwell for UNIVAR (Exhibitor, Sponsored Coffee Break, Contributing Sponsor)



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Photos by William Sames.



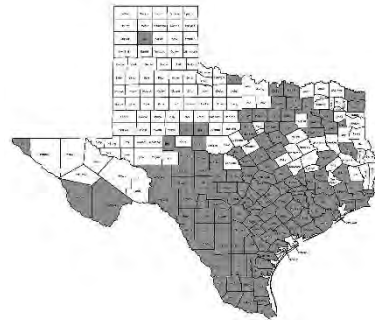
Dean May for AMVAC.
(Exhibitor, Sponsored Lunch, Contributing Sponsor)



Jason Williams for VDCI.
(Exhibitor, Sponsored Coffee Break, Contributing Sponsor)

Distribution of *Culex coronator* in Texas

For those who have been following this study, the data collection was completed in the fall of 2018 and in April 2019, the article was published in the *Journal of the American Mosquito Control Association* (JAMCA). The study presented data supporting the presence of *Culex coronator* in 127 Texas counties. You may obtain a free copy at: <https://mosquito-jamca.org/toc/moco/35/1>.



Mosquito Species Checklist for Thirteen (13) Counties West of San Antonio

Retired Army Entomologists, Bill Sames and Ray Dunton, are compiling a mosquito species checklist for 13 counties (Bandera, Edwards, Kendall, Kerr, Kimble, Kinney, Maverick, Medina, Real, Sutton, Uvalde, Val Verde, and Zavala) west of San Antonio based upon published (science journals) and unpublished (county surveillance data, government and military reports, university and private collections) records, then confirming those data with primarily larval collections in each county. This is their third year of collecting specimens and this fall, they hope to bring this study to a conclusion with potential publication in the spring of 2020. Preliminary data suggest there will be 30-35 species per county. If you have data from these counties or would like more information, please contact Bill at mosquitodoctor@yahoo.com.

2019 Spring Workshop Photos by Rico Salvador





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- ULV/Backpack ULV Fogging
- Barrier Spray



Consulting

- Insecticide Resistance Testing
- Mosquito insectorv
- Staff training/PPE/Safety





Texas Mosquito Control Association Young Professionals

Second Annual Student Competition Call for Papers/Guidelines

Eligibility:

In order to be considered eligible to enter the competition, each participant must be:

- 1) A TMCA Member. The membership form is available at <http://www.texasmosquito.org/Application.pdf>
- 2) a TMCA YP Member. If you are not a member please join via our Facebook Group: Texas Mosquito Control Association Young Professionals. If you do not have access to Facebook, please email TMCAYP@gmail.com and we will put you on the list!
- 3) an undergraduate or graduate student **OR** have graduated within 12 months of the abstract submission deadline. If the participant has graduated, the research being presented must have been performed while they were still enrolled in either an undergraduate or graduate degree program.
- 4) the presentation's author(s) and presenter(s).

Abstract:

An abstract must be submitted to enter the competition. The abstract deadline is **August 31, 2019**. Each abstract should be approximately 100 words long and summarize the main objective, methods, results, and conclusion of the presentation. The abstracts will be judged on grammar, organization, and content. Participants will be notified regarding acceptance in **September, 2019**. Please submit your abstract to TMCAYP@gmail.com along with a copy of the abstract submission form found at <http://www.texasmosquito.org> (please do not send the submission to Nina Dacko).

Presentation:

Each presentation, including those with multiple speakers, will be allotted **12 minutes**. This includes time for questions so the presentation itself should not exceed **10 minutes**. (The time slot assigned for each presentation is subject to change due to last minute program changes.)

Judges:

The TMCA YP Committee will select three judges to score the presentations. The judges will not be members of the TMCA YPs.

Evaluation:

The competition will occur during the 2019 Annual TMCA Meeting. The presentations will primarily be judged on organization, delivery, and visual design. The evaluation system for this competition is subjective ranking by the three judges.

Awards:

One presentation will be selected for first prize. One runner-up and two honorable mentions may be awarded at the judges' discretion. If a presentation given by a group is awarded a prize, the entire group will share the award.

Meeting Registration: <http://www.texasmosquito.org>

The Texas Mosquito Control Association Young Professionals are looking for new members!

This organization is intended to provide professional experiences and networking opportunities for any TMCA members who have been involved with vector control/research for less than 5 years. Your age doesn't matter, just your mosquito-related experience and **membership is free!**

You can join our organization by sending:

- 1) Your name
- 2) The number of years you have been in mosquito/vector control and/or research
- 3) How you became involved with mosquito/vector control and/or research

to TMCAYP@gmail.com OR by joining our Facebook group "Texas Mosquito Control Association Young Professionals".



The TMCA YPs' current activities include:

- Networking with other YPs at the TMCA Annual Meeting, TMCA Spring Workshop, and via our Facebook group
- A YP dinner at the TMCA Annual Meeting
- Hosting and participating in a Student Presentation Competition at the TMCA Annual Meeting
- Representing Texas at the AMCA Annual Meeting



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**TEXAS MOSQUITO CONTROL ASSOCIATION
2019 ANNUAL MEETING
WACO, TEXAS**

CALL FOR PAPERS

NAME OF AUTHOR(S):

PRESENTER (if different from above)

PRESENTER'S EMAIL:

AFFILIATION AND ADDRESS:

TITLE OF PAPER:

PRESENTATION MEDIA REQUESTED

POWERPOINT

OTHER (please specify)

DEADLINE FOR PAPER SUBMISSION IS 7th of September 2019

Submit to Ms. Nina Dacko
Tarrant County Public Health
1101 S. Main Street
Fort Worth, Texas 76104

E-mail Address: nmdacko@TarrantCounty.com

*****Please submit student competition abstracts for Young Professionals to TMCAYP@gmail.com**

*****Please submit any scholarship or awards submissions to flosij@uhd.edu**

Texas Mosquito Control Association

Membership Application

Purpose: To assist in promoting public health and comfort through the control of disease transmitting and pestiferous mosquitoes, to provide for the scientific advancement of Association members, and to stimulate public interest in mosquito control activities.

Publications: A Newsletter is published quarterly and emailed to active members. The Association web site is located at <http://www.texasmosquito.org>

TMCA Annual Fall Meeting: Held each year during October at an announced site within the state. Papers presented at this meeting are primarily technical reports dealing with new and improved methods of mosquito control, new insecticides and application techniques. Basic research related to mosquito life cycles, bionomics, diseases, and natural histories are also presented. Distributors are present to display and answer questions about their equipment and chemicals. A registration fee is required to attend.

TMCA Spring Workshop: Held each year during February or March at an announced site within the state. This is a basic training workshop on the operational aspects of mosquito control. Topics include general mosquito biology, mosquito borne diseases, sampling and surveillance techniques, methods of mosquito control, public relations, equipment maintenance, chemicals and chemical safety, record keeping, administrative problems, and advanced operational training in calibration, droplet size determination, mosquito identification, and surveillance devices and techniques. Distributors are present to display and demonstrate their products. Registration is free, and several meals are usually provided by the TMCA to help reduce costs to attendees.

CEU's: CEU's for the Texas Department of Health Vector Control Certified Applicator License are offered at the Spring Workshop. Fees are \$20 per hour of CEU requested for non-members, free to all TMCA members. A copy of the TDA regulations can be downloaded from the TMCA web site at <http://www.texasmosquito.org>

Annual Dues: Dues are payable on a calendar year basis. Active Memberships are \$30 per year, and Supporting Memberships are \$60 per year.

Name:

Date:

Affiliation:

Position:

Work Mailing Address:

City & State:

Zip:

Phone:

Fax:

Email:

Membership type applied for:

Active (\$30):

Sustaining (\$60):

Make check payable to:

Texas Mosquito Control Association

Return application & remittance to:

Greg Marciniak, Membership Chairman
Jefferson County Mosquito Control District
8905 First Street
Beaumont, Texas 77705

Phone: 409-719-5927 Fax: 409-727-4176 Email: membership@texasmosquito.org