

Section Report to the ESA Governing Board

Title: Medical, Urban, & Veterinary Entomology (MUVE) Section Report

Submitter: Dana Nayduch, MUVE President

Date: October 30, 2020

Motion/Request for Action

None

Section Leadership

Dana Nayduch	President
Michael Reiskind	Vice-President
Ed Vargo	VP-Elect
Neil Spomer	Treasurer
Changlu Wang	Past-President
Mustapha Debboun	Representative to ESA Governing Board
Chris Geden	Secretary
Justin Talley	MUVE Nominations Committee (interim chair)
Glen Scoles	Representative to ESA Publications Council
Pia Olafson	Representative to ESA Awards and Honors Committee
Meaghan Pimsler	Representative to ESA Science Policy Committee
Kyle K. Jordan	Representative to ESA Diversity and Inclusion Committee
Erika T. Machtinger	Representative to ESA Early Career Professionals Committee
Meredith Spence Beaulieu	Representative to ESA Committee on Student Affairs
Michael T. Bentley	Representative to Education and Outreach Committee
Bethany McGregor	<i>Representative for the MUVE Communications Committee</i>

Current Activities and Recent Accomplishments

- The **MUVE Communications Committee** has helped with connections among membership and dissemination of MUVE news, both among membership and outside of the society on social media. We have received much positive feedback on the improved newsletter and Twitter activities, especially the recognition of our “MUVERs” in each newsletter issue and award winners.
- **ESA Committee representatives:** MUVE used an online voting system to run our MUVE elections for ESA committee representatives. We had ~10% turnout for voting. New representatives selections are:
 - Dr. Karen Poh, Penn State University, Representative to ESA Early Career Professionals Committee

- Dr. Michael Cavallaro, Bullhead City Pest Abatement, Representative to ESA Diversity and Inclusion Committee
- Ms. Victoria Pickens, Kansas State University, Representative to ESA Committee on Student Affairs
- **MUVE Nominations Committee:** We had one nomination for the incoming member of this committee. Dr. Chow-Yang Lee of University of California, Riverside will serve on the MUVE Nominations committee as the Urban Entomology member.
- **2020 MUVE award winners** were selected and announced in August:
 - *Recognition Award in Medical, Urban and Veterinary Entomology:* Dr. Steven Juliano, Illinois State University
 - *Medical, Urban, and Veterinary Entomology Early Career Award:* (2 winners for 2020) Dr. Erika Machtinger, Penn State University and Dr. Amy Murillo, University of California, Riverside
 - *Shripat Kamble Urban Entomology Graduate Student Award for Innovative Research:* Mr. Sang-Bin Lee, University of Florida
 - *Medical, Urban, and Veterinary Entomology Student Travel Awards:* Abdulsalam Adegoke (University of Southern Mississippi), Tse-Yu Chen (University of Florida), Kara Fikrig (Cornell University), Brandon Hall (Kansas State University), Cameron Osborne (Kansas State University), Jayshree Patel (University of Florida), Victoria Pickens (Kansas State University), Hannah Quellhorst (Kansas State University), and Kristin Sloyer (University of Florida).
- **2020 MUVE summer elections results**
 - Dr. Sonja Swiger, Texas A&M AgriLife Extension, MUVE Treasurer
 - Dr. Rebecca Trout-Fryxell, University of Tennessee, MUVE incoming VP-elect
- **Annual meeting events:** MUVE is livestreaming the Highlights Presentations (speakers: Medical Entomology – Dr. Chris Stone, Illinois Natural History Survey; Urban Entomology – Dr. Alexander Ko, Bayer Crop Sciences; Veterinary Entomology – Dr. Kim Lohmeyer, USDA-ARS) and the Business Meeting from 5-8 PM ET on Tuesday, November 17. MUVE is also live broadcasting (via Zoom) the Final Business Meeting from 1-2 pm EST on Friday, November 20 (followed by a networking event from 2-3 PM ET; details below)

Section Business Meeting/Symposia Updates

Total Section Symposia	Total Regular Oral Presentations	Total Regular Posters	Infographics	Total Student Competition Oral Presentations	Total Student Competition Posters	Grand Total Presentations
6	82	38	2	71	23	222

Section Governing Council Capability Reporting

Wildly Important Goal #1:

MUVE Vector Emergency Response Entomologists

Mustapha Debboun, the initiative leader of MUVE Vector Emergency Response Entomologists continues to add to the pool and database of disaster and emergency response volunteer entomologists who are willing to deploy to natural disaster-affected areas nationally and internationally for emergency mosquito and vector control response and help streamline emergency response when emergency medical entomology expertise is needed nationally or globally.

Wildly Important Goal #2:

Improve Integrated Pest Management Strategies in Public Housing Facilities.

The objective of this sub-committee is multi-pronged in approach. We intend to continue to educate staff and landlords associated with public housing facilities, as well as ensure that up-to-date and accurate literature is available to them in an accessible format. We will assemble urban entomologists to conduct research to identify issues in public housing related to pest infestations and methods to improve pest management in these communities. The sub-committee will cooperate with HUD, EPA, and other federal agencies and stakeholders to implement safer and more effective pest management policies. We will identify and share funding opportunities to assist in the implementation of IPM in these facilities. Urban entomologists associated with science policy will lobby for continued funding at a federal level. Current endeavors include assessing HUD contracts and making recommendations for improvement, as well as developing a nation-wide IPM handbook for extension entomologists and other stakeholders working with urban pests.

Wildly Important Goal #3:

Identify Existing Training Opportunities for Veterinary Entomologists.

Based upon MUVE member responses to the request for information on training courses (available and need) that was sent out in our previous newsletter and by ESA Central on our behalf, we compiled an excel spreadsheet listing training courses that are relevant to MUVE members and are currently available. The second tab of the spreadsheet includes member responses on "what training is needed". This list may be used to provide direction on what training opportunities MUVE members might consider developing in the future. We added a few more online keys to the list of online material that is available.

Other Goals:

The MUVE Communications Committee was established to help enhance outreach and communication pertaining to MUVE news and MUVE-related content. The liason for this committee, Dr. Bethany McGregor (USDA-ARS) is organizing a networking event after our final business meeting on November 20th (2-3 PM via zoom; a google form poll was sent out for people to RSVP). This event is a kick off to generate interest and participation in MUVE mentoring, which will likely be a forthcoming WIG/Initiative in 2021.

Reporting officer: Dana Nayduch

Reporting period: 2020			
Capability	Self-analysis Question	Self-score (1-10)	Cumulative self-score
Science/Public Policy	Has the SGC identified key topics/opportunities to influence?	9	8
	Has the SGC identified key stakeholders?	9	
	Has the SGC developed tactics and goals?	7	
	What percentage of the activities are outside the AM Framework?	60%	
Continuing Education	Has the SGC identified key topics/opportunities to influence?	8	8
	Has the SGC identified key stakeholders?	8	
	Has the SGC developed tactics and goals?	8	
	What percentage of the activities are outside the AM Framework?	70%	
Program and (Technical) Issue Management	Has the SGC identified key topics/opportunities to influence?	6	6
	Has the SGC identified key stakeholders?	6	
	Has the SGC developed tactics and goals?	6	
	What percentage of the activities are outside the AM Framework?	10%	
Fostering Interest in Entomology (by Section)	Has the SGC identified key topics/opportunities to influence?	8	8
	Has the SGC identified key stakeholders?	8	
	Has the SGC developed tactics and goals?	8	
	What percentage of the activities are outside the AM Framework?	80%	

Current Membership and Financial Status

The MUVE Section membership as of September 2020 is 1,586 (1,640 in Sept. 2019).

2020 Starting Budget	\$25,671
2019 Carryover Funds	\$15,191
MUVE Section 2020 Budget Plan	
Line Item	Expected Expense
Highlight Speaker Registrations (Stone, Ko, Lohmeyer) - Estimated	\$585
Association Voting online platform	\$389
Award Plaques and Shipping	\$248
MUVE Student Travel Awards	\$855
MUVE Early Career Awards (2x)	\$1,000

Projected 2020 Expenses	\$3,077
2020 ESA Allocation	\$10,480
Projected 2020 Budget Surplus	\$7,403
Projected 2020 Carryover	\$22,594

Other Information/Comments

None