

Mosquito BEACONS 2022 – 2023

Meeting 1 Minutes



Date: July 7th, 2022

Time: 5pm – 6pm

Location: Zoom

Members Present:

Yoosook Lee	University of Florida	Donald Yee	The University of Southern Mississippi
Benjamin Allen	City of Jacksonville Mosquito Control Department	George Peck	Texas Department of State Health Services Zoonosis Control Branch
Elmer Gray	University of Georgia	Stephanie Richards	East Carolina University
Bryan Giordano	Broward County Mosquito Control Division	Sonja Swiger	Texas A&M AgriLife Extension
Xiaodi Wang	University of Florida	Nina Dacko	Tarrant County Public Health Environmental Health Division
Valerie Nguyen	University of Florida	Rosmarie Kelly	Georgia Department of Public Health
Joe LaForest	Southern IPM Center	Claudia Riegel	New Orleans Mosquito & Termite Control Board Louisiana Mosquito Control Association

Marah Clark	Florida Department of Agriculture and Consumer Services	Chris Evans	South Carolina Department of Health and Environmental Control
Jessica Ber	Florida Department of Agriculture and Consumer Services	Leigh-Anne Lawton	Texas Department of State Health Services

Note takers: Xiaodi Wang, Valerie Nguyen, Bryan Giordano

Meeting opened at 5:03pm

Mosquito BEACONS Year 2 (2022-2023) Working Group Meeting #1 Minutes

1. Brief introduction of BEACONS Program:

BEACONS stands for ‘Biodiversity Enhancement And Control of Non-native Species’. Mosquito BEACONS working group is composed of members from Mosquito Control Professionals, Private Pest Control, Public Health Professionals, and Academic personnel working on research and/or extension. The Year 2 group has expanded to have 9 states and territories – Alabama, Florida, Georgia, Louisiana, North Carolina, Mississippi, South Carolina, Puerto Rico, and Texas. The purpose of this quarterly meeting is to connect people working on invasive mosquitoes and promote collaboration on research and extension.
2. Attendees introduced themselves.
3. Progression Update:
 - a. Surveillance Capacity Survey
 - i. 7 states participated
 - ii. 323 Programs contacted
 - iii. 106 total responses
 - iv. 92 complete responses
 - v. Need for training on invasive mosquito species was evident from the survey.
 - vi. We are now analyzing data and writing the manuscript with the target date of completion in Oct/Nov 2022. All members assisted with survey design will be contacted for feedback prior to submission.
 - b. Jan 2022 BEACONS Workshop
 - i. This workshop provided training on invasive species bionomics and identification, data management, and visualization
 - ii. 23 attendees from AL, MS, LA, GA, SC
 - iii. CEU Credits awarded
 - c. BEACONS website established - <https://fmeal.ifas.ufl.edu/invasivemosquito/>
 - d. UF/IFAS Blogs about Mosquito BEACONS activities - Bryan helped to post blogs and resources generated from our meetings and workshop.
 - e. MS TEAMS - We have Mosquito BEACONS teams space where we can share files and resources.

- f. BEACONS Dashboard - We are developing a dashboard for mosquito beacons. It is not on the website yet. We hope to share surveillance data through this. If new species pop up, we can share information about districts, states, counties, etc. It is a way to get people alert.
- g. Friends of IPM Awards 2022 Pulling Together Category.
- 4. Year 2 BEACONS Workshop Logistics
 - a. Location: members suggested Atlanta for easier flight connection in the Feb 2022 Annual meeting.
 - b. Date (TBD): December, 2022
 - c. Tentative schedule was presented for member feedback.

Time (Central Time)	Topic
08:30 – 09:00 AM	Registration/Pre-test
09:00 – 09:05 AM	Welcome
09:05 – 10:30 AM	Invasive Species Surveillance
10:30 – 10:45 AM	Break
10:45 – 12:15 AM	Mapping with QGIS
12:15 – 01:00 PM	Lunch
01:00 – 02:30 PM	CDC Tour
03:00 – 04:00 PM	Invasive species Binomics and Control
04:00 – 05:00 PM	Practical Integrated Pest Management
05:00 – 05:30 PM	Closing notes/post-test/workshop evaluation

- d. CDC tour needs to prior clearance for the attendees
 - i. Rosemaire Kelly would be interested in joining as well as a few other from their public health sector
 - ii. George cannot attend if the workshop is scheduled as presented. Will ask colleague to put names forward. Also has Entomologist that is able to attend with funding
 - iii. Louisiana – Claudia will get 2 participants
 - iv. Have a handout to give to attendees
 - v. Hurricane season may impact availability
 - vi. Georgia – State Entomologists want to attend
 - vii. Florida – Marah and Jess will seek out 2 participants
 - viii. **[PD action item]** Provide the group with save the date with funding information, agenda for finding trainees. Workshop information should include the information for attendees who are coming with their own travel fund.
- e. Funding:
 - i. BEACON have funding for 1-2 people from each state to attend the workshop. If people share hotels, we can have more trainees supported.
 - ii. Still looking for the venue
 - iii. Cover travel and meals



- iv. Could we open the group up to people with their own funding?
- v. Could we offer a fee to attend? Fee for lunch?
- f. CEUs
 - i. Remove the word discussion / round table. Each section should have a leader. Just leave the title and detail the topics. Texas also requires lots of information.
- g. Workshop feedback
 - i. Have printed materials for the participants to accompany them during the workshop and next to the microscopes.
 - ii. More info on bionomics.
 - iii. The content of the workshop will be slightly different from Year 1 workshop. Some has updated content.
 - iv. 20 attendees is not sufficient to build workforce fast. YL addressed this by saying that we will share all training materials online for people who cannot attend the meeting. The is limited funding to accommodate more people.
- 5. Additional Topics
 - a. **[PD action item]** Put a flier for the working group together and send to state mosquito control agencies for BEACONS introduction. Include in a newsletter. Gear our 1 pager more towards state agencies. What can offer? What do we want help with? Ben and Elmer to work on this.
- 6. YL restated that BEACONS is a communication group, which connects academic people and people on the ground. People can know research needs and funding needs in both directions. YL asked people to bring suggestions on what BEACONS should focus on via teams chat or email. The working group can form taskforce to address issues and build resources.

Meeting adjourned at 5:53 pm



