

NEW JERSEY MOSQUITO CONTROL ASSOCIATION 108<sup>th</sup> ANNUAL MEETING

Wednesday, March 17, 2021 9am – 3:30pm

Thursday, March 18, 2021 9am – 11:30am

WEDNESDAY, MARCH 17, 2021

Morning Session I		
9:00 am	NJMCA Presidential Address	John Kranz, NJMCA
9:10 am	Arboviral and Adult Mosquito Surveillance in New Jersey 2020	Dr. Lisa Reed, NJAES
9:25 am	Update on SMCC	Scott Crans, SMCC
9:40 am	NJDOH update	Kim Cervantes, NJDOH
9:50 am	Update on research and extension projects developing at CVB/NJAES	Dr. Dina Fonseca, NJAES
10:05 am	AMCA 2020 update	Priscilla Matton
10:15am	<b>Break</b>	

Morning Session II		
10:25 am	Pest Management, Vector Control and Medical Entomology in the US Department of Defense	Stanton Cope, VP Technical Products and Services, Catchmaster
11:25 am	<b>Break</b>	

Morning Session III		
11:30 am	NJMCA Poster Lightning Presentations	
11:50am	<b>Lunch</b>	

Afternoon Session I		
12:30 pm	California Serogroup Virus: La Crosse, Jamestown Canyon, Keystone, and more!	Jennifer Mora, Rutgers University
12:45 pm	Sex-specific responses of the malaria mosquito, <i>Anopheles gambiae</i> to a mosquito-borne Alphavirus infection	Dr. Karen Kemirembe, Penn State University
1:00 pm	Sleep in mosquitoes and its potential role in disease transmission	Oluwaseun M. Ajayi, University of Cincinnati
1:15 pm	Circadian clock modulation of light attraction and avoidance behaviors in mosquitoes	Lisa Baik, Yale University
1:30 pm	Hearing: a novel sensory frontier for understanding mosquito behavior?	Dr. Laura Harrington, Cornell University
1:45 pm	<b>Break</b>	

Afternoon Session II		
2:00 pm	<i>Aedes tormentor</i> : New species discovery in Hunterdon and Middlesex Counties	Nick Cepparulo & Taryn Crepeau, Hunterdon Mosquito Control and Middlesex Mosquito Commission
2:15 pm	Molecular distinction of <i>Aedes atlanticus</i> and <i>Aedes tormentor</i> found in New Jersey	Zoe Narvaez, Rutgers University
2:30 pm	<i>Aedes scapularis</i> : A neotropical vector mosquito recently established in peninsular Florida	Dr. Isik Unlu, Miami- Dade MCD
2:45 pm	FKMCD Operational response to the 2020 Dengue Outbreak in Key Largo, FL	Michael Boehmler, FKMCD
3:00 pm	Efficacy of a buffalo turbine and A1 mist sprayer for the wide-area deployment of larvicide for mosquito control in a suburban setting	Nick Indelicato, Cornell University, CDC, NJDEP, Bergen & Mercer County Mosquito Control
3:15 pm	Managing mosquito risk in Australia through wetland rehabilitation and urban planning	Cameron Webb, University of Sydney

THURSDAY, MARCH 18, 2021

<b>Morning Session I</b>		
9:00 am	It's always summer in Philadelphia	Mark Baker, Philadelphia Dept of Public Health
9:15 am	Update on PA DEP Vector activities	Charles Clark, PA DEP
9:30 am	2020 Arbovirus and tickborne disease activity in Illinois	April Holmes, Illinois Dept of Health
9:45 am	First Record of <i>Carios kelleyi</i> in NJ and Implications on Public Health	James Occi, Rutgers University
10:00 am	Suddenly meatless: how tick bites and reactions to red meat are changing the paradigm of food allergy	Scott Commins, University of NC
10:15 am	Simple, flexible and comprehensive software – How do you get there?	Chad Minter, Frontier Precision
10:30am	<b>Break</b>	

<b>Morning Session II</b>		
10:40 am	A variation of the CDC Bottle Bioassay to Determine Resistance Mechanisms	Jack Petersen, Hunterdon County Mosquito Control
10:55 am	Larval Control of Floodwater Mosquitoes in Mercer County NJ	Nick Indelicato, Mercer County MC
11:10 am	Are early adopters of Unmanned Aircraft Systems (UAS) transforming vector control agencies across the US?	Bill Reynolds, Leading Edge Aerial Technologies
11:25 am	NJMCA Presidential Closing Address	John Kranz, NJMCA
11:45am	<b>NJMCA 108<sup>th</sup> ANNUAL BUISNESS MEETING</b>	