

City of New Orleans and the Louisiana Mosquito Control Association

Mosquito Academy Agenda

APRIL 19–21, 2016

Tuesday, April 19

8:30 – 9:00	Registration	
9:00 – 9:15	Introduction	C. Riegel
9:15 – 10:15	Introduction to mosquito anatomy and biology	J. McAllister
10:15 – 10:30	BREAK	
10:30 – 11:00	Bionomics and recognition of important species	S. Michaels
11:00 – 12:00	Microscope instruction & identification laboratory (adult)	C. Harrison
12:00 – 1:00	LUNCH (provided)	
1:00 – 1:45	Identification laboratory (larvae)	various
1:45 – 2:15	Mosquito surveillance	S. Michaels
2:15 – 3:15	Mosquitoes of medical and veterinary importance	G. Balsamo
3:15 – 3:30	BREAK	
3:30 – 4:00	Ecology of West Nile virus transmission	K. Caillouet
4:00 – 4:30	Overview of Zika virus pandemic	D. Wesson
4:30 – 5:00	CDC national arbovirus surveillance & response	J. McAllister

Wednesday, April 20

8:00 – 9:00	Principals of mosquito control	J. McAllister
9:00 – 9:30	Biological control	C. Harrison /B. Carter
9:30 – 10:00	Larvicide applications	S. Willis
10:00 – 10:15	BREAK	
10:15 – 10:45	Ground & Aerial adulticide applications	S. Willis
10:45 – 11:15	Adulticide efficacy for <i>Aedes</i> species	B. Carter
11:15 – 12:00	Effects of adulticides on non-target species	K. Healy
12:00 – 1:00	LUNCH (provided)	
1:00 – 2:00	Public education in mosquito control programs	K. Healy
2:00 – 2:45	Resistance monitoring, bottle bioassays	J. McAllister
2:45 – 3:00	BREAK	
3:00 – 5:00	Hands-on training (additional mosquito identification, insecticide rate calibration, loading and PPE, property inspections, resistance monitoring)	

Thursday, April 21

8:00 – 8:45	Roles and responsibilities after a disaster	J. McAllister
8:45 – 9:15	Planning for a mosquito-borne outbreak	C. Riegel
9:15 – 9:45	Operational interventions following Zika travel case	S. Michaels
9:45 – 10:00	BREAK	
10:00 – 10:30	Incorporating technology in mosquito control	K. Caillouet
10:30 – 11:00	Personal protective equipment	G. Balsamo
11:30 – 12:00	Rules and regulations	M. Pousson
12:00 – 1:00	Lunch (provided)	
1:00 – 1:30	Wrap-up and review	Michaels/Riegel
1:30 – 2:30	Academy exam	
2:30 – 2:45	Break	
2:45 – 5:00	LDAF test registration & exams (General Standards, 8A-D, 8B, 8C, 11)	

Agenda is subject to change