



TRAINING & CERTIFICATION PROGRAM FOR MOSQUITO SURVEILLANCE AND CONTROL

**Master Trainers:
Jay Kiser & Lauren Lochstampfor**



Surveillance and Control Program Awarded by CDC

- Contract awarded to AMCA in 2016
 - Establish training and certificate programs for mosquito surveillance and control
 - In response to emergence and spread of Zika
- Three track training approach
 - Updated Best Management Practices for Integrated Mosquito Management Manual
 - Online and onsite components
 - 10 regional training hubs across the US
 - 18 Master Trainers

The logo for the American Mosquito Control Association (AMCA), featuring the acronym "AMCA" in a bold, blue, sans-serif font with a registered trademark symbol. Below the acronym, the full name "AMERICAN MOSQUITO CONTROL ASSOCIATION" is written in a smaller, blue, sans-serif font.



BEST PRACTICES FOR INTEGRATED MOSQUITO MANAGEMENT:
A FOCUSED UPDATE
American Mosquito Control Association
January 2017





Curriculum Snapshot

- Track 1
 - Understanding and Controlling the Zika Virus eLearning Modules:
 - Module 1: Overview
 - Module 2: Behavior
 - Module 3: Surveillance
 - Module 4: Control
- Track 2
 - Live Train the Trainer Workshop: Integrated Mosquito Management Best Practices
- Track 3
 - Integrated Mosquito Management Local Strategic Planning



Track 1: eLearning Modules

- Covers topics such as historical information about Zika and related vectors, *Aedes* species ecology, behavior, surveillance, and control
- Interactive, natural exchange of information; modules “tell the story”
- Audio based on conversation: Andy and Lindsey
- Bring learner into conversation through questions
- Immediate feedback for answers, plus logic
- Graphics and visual vehicles
- Scored evaluation at end (must answer 85% correct to pass)
- Seat time of 30 to 60 minutes



Track 2: Best Practices Workshop

Target Audience

- Individuals involved in the strategy, planning, training, decision making, and execution of mosquito management policies

Prerequisites

- Read AMCA *Best Practices for Integrated Mosquito Management* manual
- eLearning Module 1



Track 2: Learning Objectives

- Verbalize basic information from the AMCA *Best Practices for Integrated Mosquito Management* manual regarding surveillance, control, monitoring, and reporting
- Contribute to decisions made during case study activities
- Formulate intelligent and insightful questions about techniques discussed
- Adapt new information during discussions to apply to real-world situations
- Participate in the Capstone activity and display confidence with subject matter



Track 3: Local Strategic Planning Workshop

Target Audience

- Decision makers
- Policy makers
- Financial stakeholders
- Appropriate public health officials

Prerequisites

- Read Best Practices manual and complete pre-work documents
- Track 2 required for all targeted personnel in mosquito control departments involved in decision making



VIRGINIA HUB





Track 2: VA Training Hub

- Two Train the Trainer Sessions Conducted
 - Southeastern Virginia (Suffolk) Nov 30-Dec 1, 2017
 - Northern Virginia (Fairfax) Dec 14-15, 2017
 - 51 Trainers Certified (5 states)
 - Chesapeake
 - Hampton
 - Newport News
 - Suffolk
 - Virginia Beach
 - Henrico
 - Fredericksburg
 - Kent County, MD
 - Langley Air Force Base
 - Mosquito Joe
 - NEHA
 - NAVFAC
 - Navy
 - VDH
 - VDACS
 - York County
 - University of Maryland
 - Allegheny County, PA
 - PA DEP
 - DoD
 - Target Specialty Products
 - Calvert County, MD
 - DC Dept of Health
 - Baltimore County
 - Fort Belvoir
 - Tennessee Dept of Health
 - Fairfax County
 - Prince William County



Objectives

- Verbalize basic information from the AMCA *Best Practices for Integrated Mosquito Management* manual regarding surveillance, mapping, action thresholds, control, monitoring, and reporting
- Contribute to decisions made during case study activities
- Formulate intelligent and insightful questions about techniques discussed
- Adapt new information during discussions to apply to real-world situations
- Participate in the Capstone activity and display confidence with subject matter



Agenda

Case Study

TOPIC	MIN
Welcome	20
Surveillance	40
Break	15
Mapping	60
Action Threshold	40
Lunch	60
Control – Larval Reduction, Biologic, and Chemical	60
Monitoring and Recording	40
Break	15
Capstone Activity	60 – 90
Closing	10



Facilitate Learning

- Discuss Highlights from Best Management Practices Manual
- Participate in activities
- Group debrief and discussion
- Utilize adult learning principles
- Present information with confidence
- Provide and accept feedback





Get Certified!





Upcoming Workshops

- Texas
 - January 25-26, 2018
- Colorado
 - March 13, 2018
- Washington
 - April 12, 2018
- Past workshops were held in Mississippi, New Jersey, Virginia, California, North Carolina, Florida, and Arizona.

Questions?