

# Public Education in Maryland

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- State-Wide Program
- Differences Between Counties
- Money Limitations Until Zika Grant
- Public Education Strategies:
  - Events
  - Meetings/Presentations
  - State Fair
  - Exhibits at Libraries, etc.
  - Games
  - Teacher Workshops
  - Handouts/Give-Aways
  - PSAs, Yard Inspection video

# Events



The Lab



Good House, Bad House

## MDA's Open House



Baby Buggies

# Science Bowl

We act as judges for Prince George's County Schools' science quiz show for elementary & middle school students.



Insectival,  
Calvert  
County



# Meetings & Presentations



- MC Program set-up & mosquito biology

- ATM workshops

- Zika (or other MB-disease) presentations

WHO would be interested?



- Community representatives & general public
- Health department personnel
- Parks personnel (check for insect camps or festivals at the parks)
- Master Gardeners
- Beekeeper groups
- Garden clubs or Rotary clubs
- Schools (target their 'core' curriculum)
- Pest Control recertification meetings
- Code Enforcement staff

# Maryland State Fair

## What's Biting You?



- There are 60+ species of mosquitoes in Maryland, but the most common nuisance is the *Aedes albopictus*—a.k.a. Asian tiger mosquito.
- Asian tiger mosquitoes are aggressive, and will bite day and night.
- *Aedes* mosquitoes are not just irritating, they are the primary vector of Zika virus and dengue fever.
- These mosquitoes breed in containers of standing water rather than marshlands, and can breed in containers as small as a bottle cap. This makes them particularly difficult to control without the public's cooperation.

mda.maryland.gov @MdAgMosquito



## MOSQUITO CONTROL PROGRAM

Preventing the occurrence of mosquito-borne disease in people, pets, and livestock

### SURVEILLANCE



### EDUCATION AND OUTREACH



ADULTICIDING



TRAPPING



LARVICIDING

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## Fight the Bite!



Prevent mosquito bites by using insect repellent



Eliminate or treat all containers of standing water on your property

For more tips, visit [mda.maryland.gov/zika](http://mda.maryland.gov/zika)

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A Zika grant paid for our new exhibit boards



# Exhibits



Libraries with display cases

MDA has mosquito displays at 4 different libraries for 1 month every summer



Also try:  
National Night Out,  
Master Gardener Meetings/Conferences,  
Insect Festivals,  
Health fairs,  
Outdoor festivals,  
County fairs





# Games

STATION 10



## Skeeter Scramble

STATION 1  
You have successfully fed!  
You now have energy to fly to Station 2.

STATION 1  
You have landed on a flower treated with insecticide.  
You die - please take a seat.

STATION 2  
Congratulations!!  
You are a female mosquito and have mated! Go on to Station 4.

STATION 2  
Congratulations!!  
You have found a mate! But you are a male mosquito, so after mating, you die. Take a seat

STATION 1



STATION 5  
You successfully lay an egg raft! You now need another bloodmeal. Fly to Station 8.

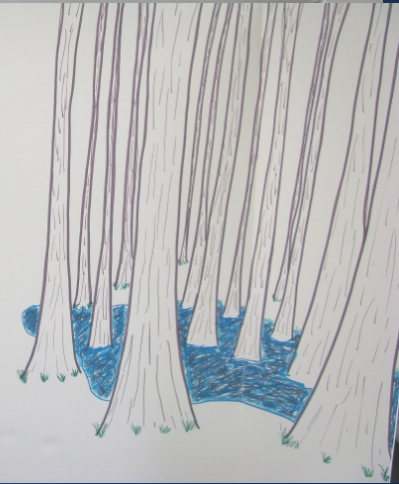
STATION 5  
You have successfully laid an egg raft! You now BECOME the egg raft. Pick an EGG card.

STATION 5  
You land on a puddle treated with larvicide oil. You cannot stand on the surface - you drown! Take a seat.

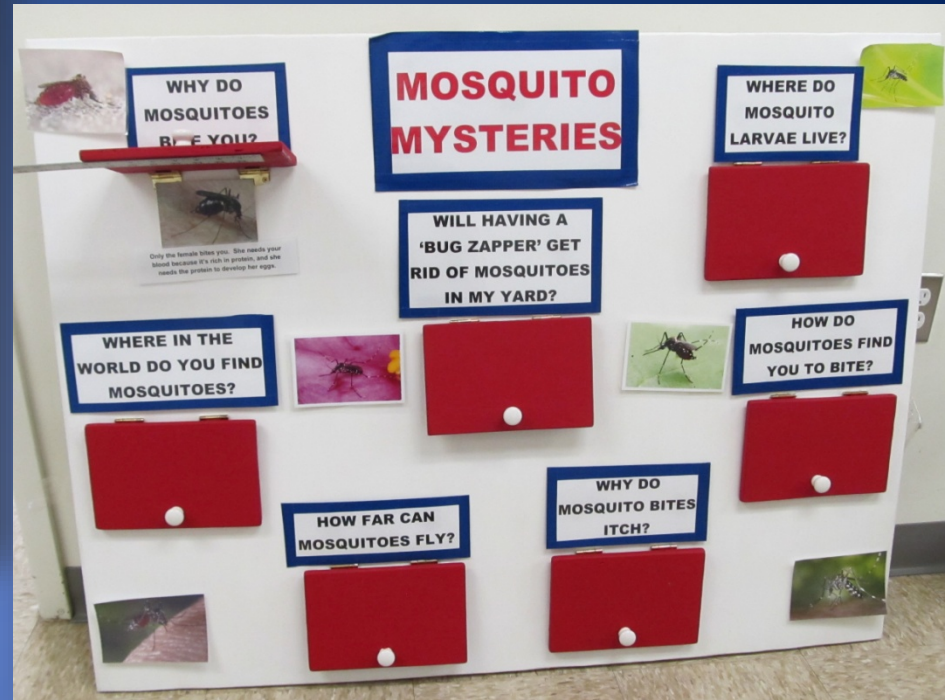
STATION 6  
Your puddle has dried up!! Please take a seat.



STATION 5



STATION 2



Mosquito Mysteries Board

# More Games



## Build A Mosquito

# Teacher Workshops



Combining lecture, activities, labs and a field trip to give teachers information they can use immediately in the classroom.

# Teacher Workshops

## Project SWAT Objectives

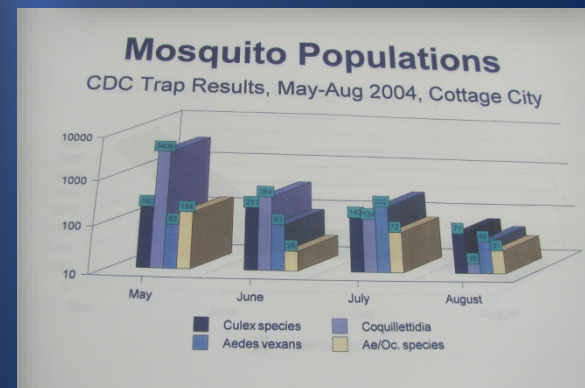
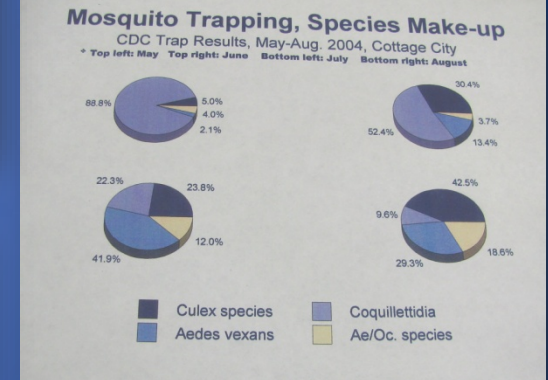
1. Have fun!
2. Learn more about mosquitoes than you knew before.
3. Become familiar with other wetland inhabitants.
4. Pick up activities for direct use in classroom.
5. Get some experience of field work/sites.



Prizes for the final 'skeeto' game



Graphs/pie charts from trap data for classroom use



Each participant took a pupator & live larvae (field trip) back to the classroom



# What YOU Can Do

- Think outside the box - who might be interested in what you have to say?
- Brainstorm - ideas for activities, displays games, etc
- Find a venue & schedule a workshop for citizens
- Talk to other mosquito control agencies - new ideas

# Questions?

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MDA Website:

<http://mda.maryland.gov/plants-pests>

(the Zika page has PSAs and the yard inspection video)