



# IPM in Public Housing

- Implemented IPM strategies in five public housing sites (612 units).
- 87% reduction in German cockroaches
- 93% reduction in bed bugs
- Sanitation standards <u>improved</u> and clutter levels <u>reduced</u>

### Improved satisfaction











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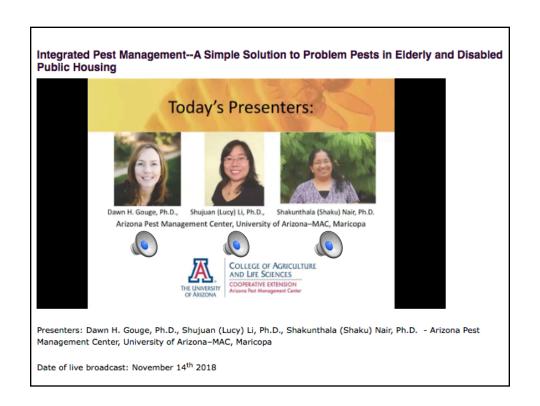
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United States Department of Agriculture

National Institute of Food and Agriculture











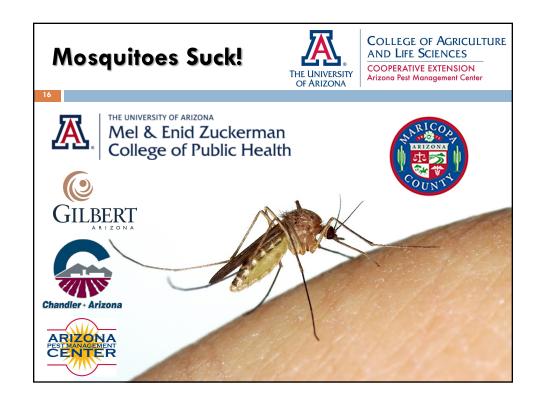


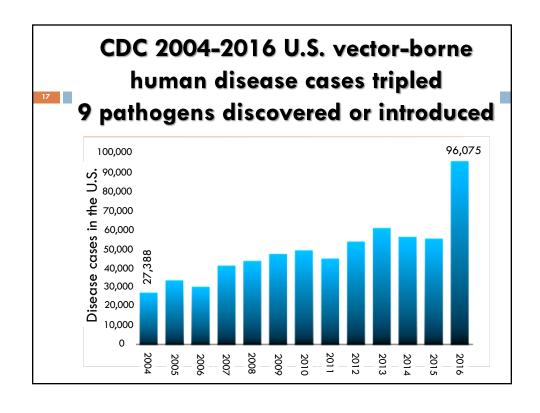
## Vector Control (Dawn)

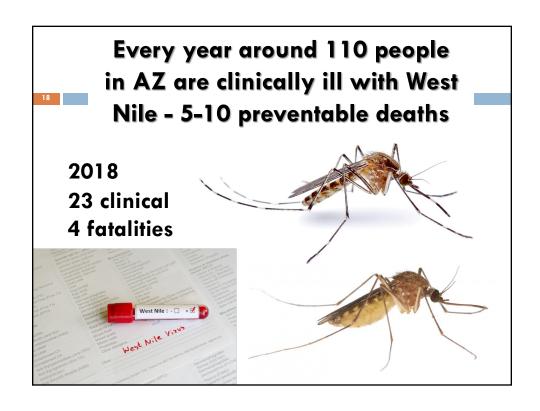
- ➤ 2017-2020.
- ➤ Evaluate field integrated vector management techniques.
- Assess impacts of targeted larviciding and ultra-low volume (ULV) adulticiding on the abundance and age structure of Aedes aegypti in south-central Arizona.

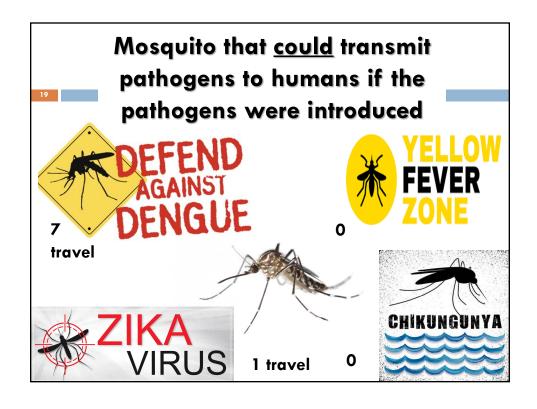


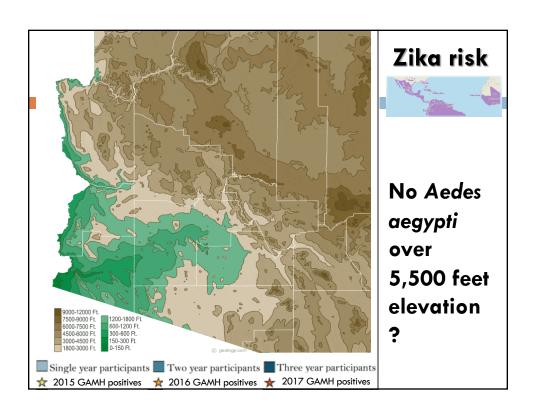


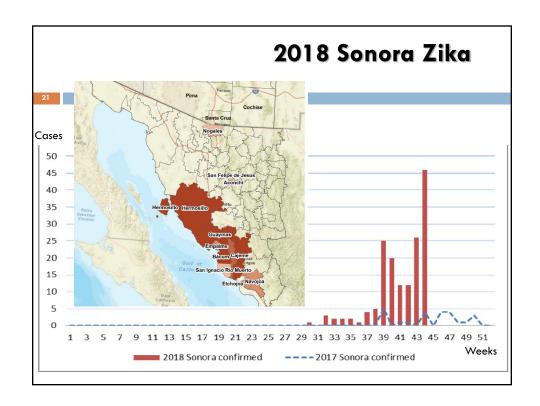


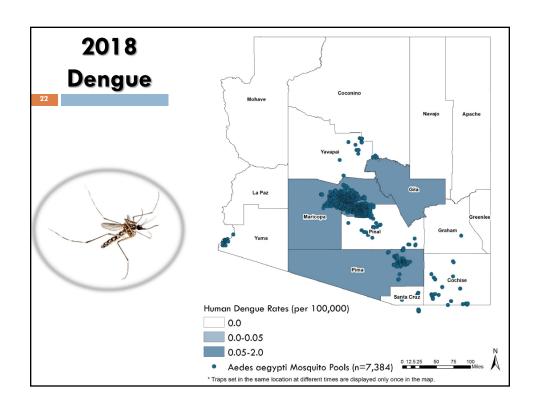


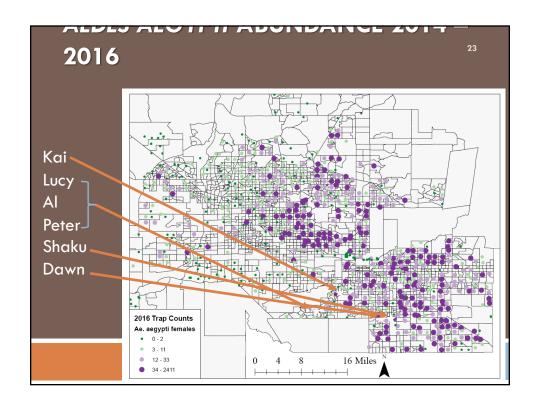


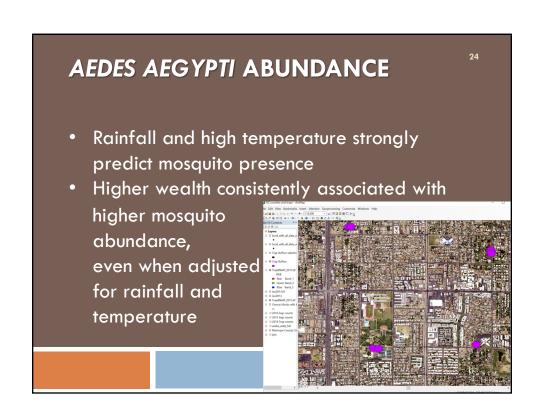














2017- Are methods used to control Culex mosquitoes effective against

Aedes aegypti?

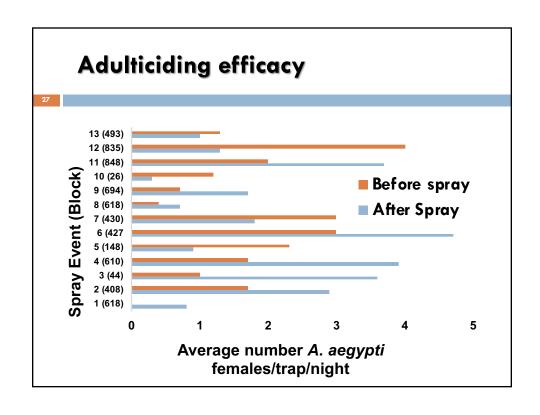


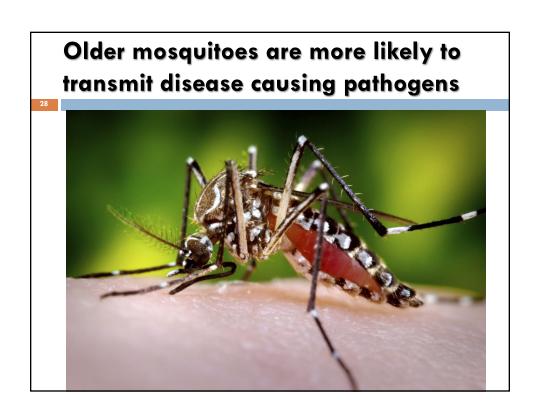
 Adulticide fogged from truck

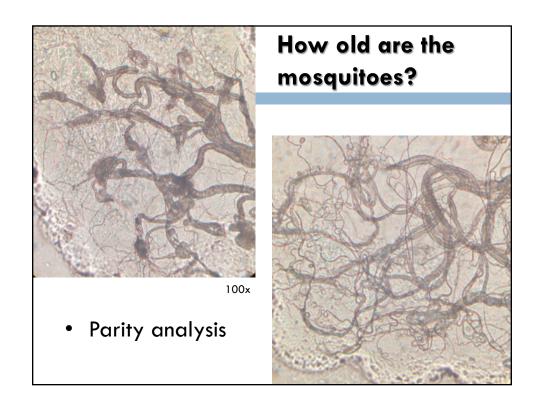


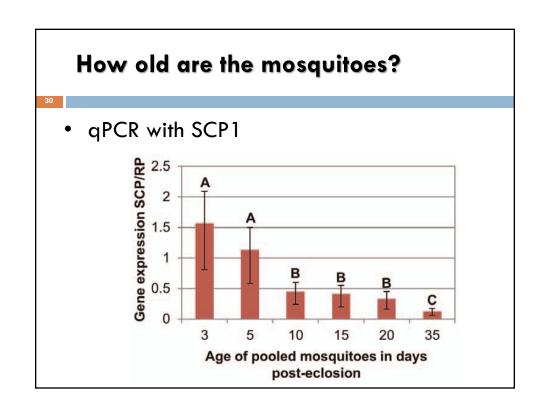
- Granular larvicide
- Surveillance methods effective for A. aegypti?

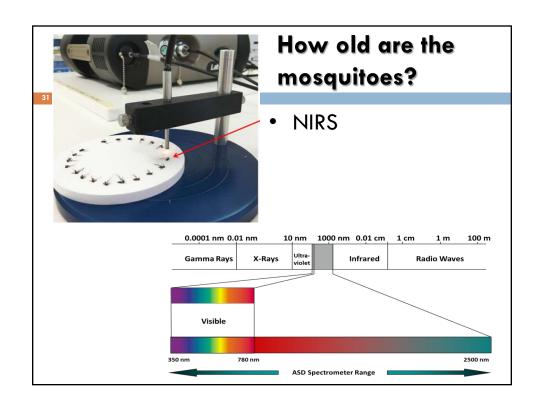




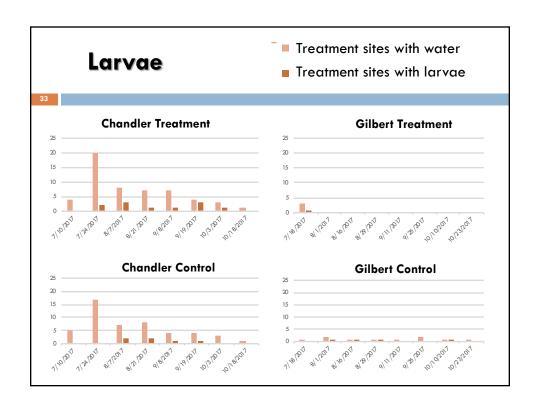


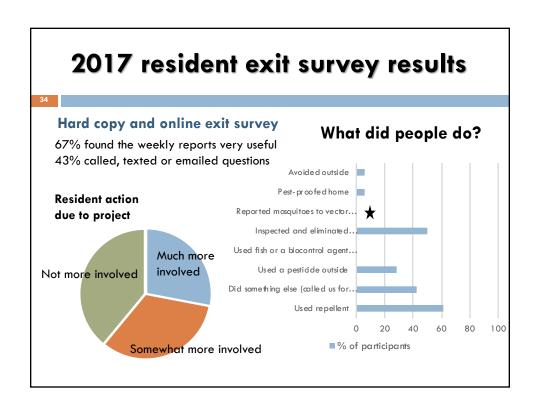












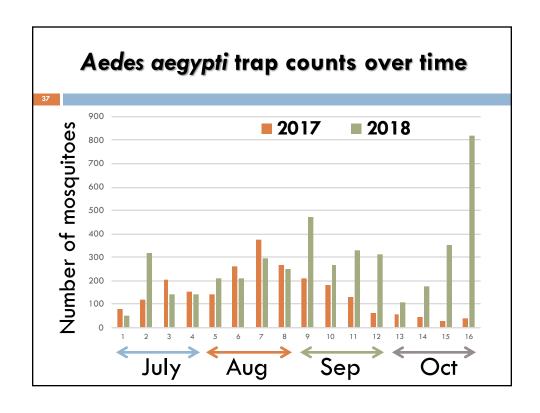
### 2017 conclusions

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- •West Nile and/or Saint Louis encephalitis viruses in mosquitoes in 50% of surveyed blocks
- Control methods are not effective
- Monitoring methods are not effective
- •Residents are concerned Residents do not report mosquitoes



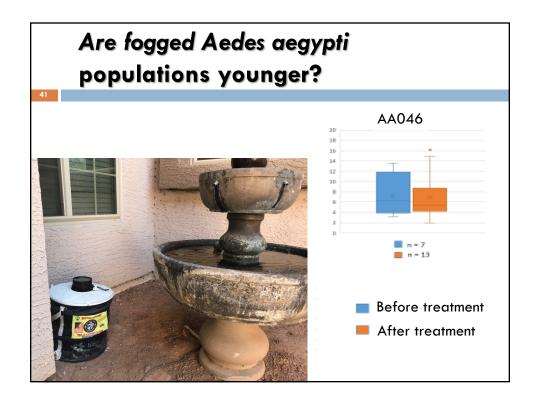




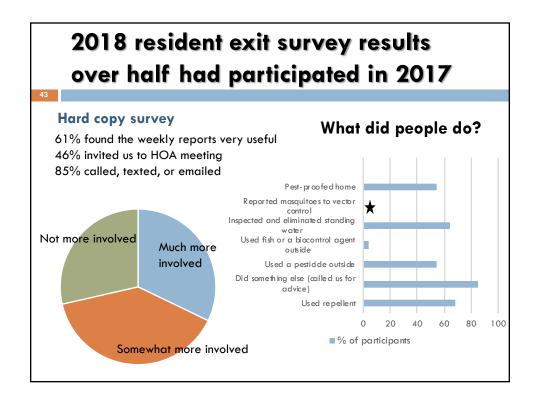












### 2018 conclusions

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- •West Nile and/or Saint Louis encephalitis viruses in mosquitoes in 50% of surveyed blocks
- •Control methods are not effective
- •HOAs groups are concerned about health
- impacts \$
- Residents do not report mosquitoes
- Water management

