

"The establishment of the Yellow Fever mosquito (*Aedes aegypti*) in the Central Valley"



Jodi Holeman

Scientific-Technical Services

Director

Consolidated Mosquito

Abatement District

Friday, February 10, 2017

3:00 – 4:00 PM

Science 2, room 109

For further information:

www.csufresno.edu/biology

The invasion of *Aedes aegypti* L. into several, dispersed areas of California, beginning in 2013, has created significant public health issues for mosquito and vector control agencies. A primary vector for dengue, chikungunya and zika viruses, this mosquito is also closely associated with human habitation for oviposition sites and exhibits a preference for humans as hosts. The local landscape and climate of the central valley has proven conducive to the survival of this invasive species despite the valley's freezing winters and the lack of rainfall in the summer months. In invaded neighborhoods, *Ae. aegypti* is a huge biting nuisance and source of resident complaints, yet it is difficult to control utilizing conventional treatment methods. The Consolidated Mosquito Abatement District has been collaborating with researchers across the country for the past 3 years to develop novel methods to control this mosquito. This presentation will discuss the development and implementation of those methods as well as the broader impacts on public health in the central valley since the establishment of *Ae. aegypti*.

If you need a disability-related accommodation or wheelchair access, please contact Lindasue Garner at the Department of Biology at 278-2001 or e-mail lgarner@csufresno.edu (at least one week prior to event).