

POSTDOCTORAL ASSOCIATE
Department of Entomology
Cornell University, Geneva, NY

Behavioral Management of Spotted Wing Drosophila

We seek to hire a research postdoctoral associate to investigate the use of repellents and attractants for managing the invasive pest *Drosophila suzukii* (spotted wing drosophila, SWD). Spotted wing drosophila is a major pest of berry crops and other soft-skinned fruits, causing significant economic losses, dramatic increases in the use of insecticides, and disruption of well-established IPM programs. As part of a recently funded USDA NIFA grant (Crop Protection Pest Management Program), the successful candidate will take a lead role in testing and refining the use of spatial and contact repellents in the lab, greenhouse and field, in combination with attract and kill technology, for reducing the impact of SWD in berry crops. The candidate will work closely with the PIs on the grant, Dr. Greg Loeb (<http://blogs.cornell.edu/loeblab/>) at Cornell and Dr. Dong Ho Cha (<https://www.ars.usda.gov/pacific-west-area/hilo-hi/daniel-k-inouye-us-pacific-basin-agricultural-research-center/tropical-crop-and-commodity-protection-research/people/dong-ho-cha/>) at USDA ARS (Pacific Basin Ag Res Center, Hilo, HI).

Funding is available for an initial 18 months with the potential to extend. The desired start date is in early 2020, before the start of the field season. The position requires a PhD in entomology or related discipline with experience in chemical ecology, insect behavior and pest management as well as conducting manipulative field experiments on research and commercial farms.

Salary commensurate with experience. Cornell University offers a competitive benefits package. For more information, contact Dr. Greg Loeb at gme1@cornell.edu or 315-787-2345. To apply, send letter of interest, CV, and names and contact information of 3 references to the email above or hard copies to the address below. Review of applications will begin December 10 and continue until a suitable candidate is found.

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