



**\* Special Seminar \***

**Recent Research Developments on Spotted Wing Drosophila (SWD) Insecticide Resistance in the Monterey Bay Area**

**Where: UC Cooperative Extension Auditorium, 1430 Freedom Blvd., Ste E, Watsonville**

**When: Friday April 19, 2024; 9:30 – 11:30**

- 9:30 Opening Discussion: current practices used for SWD control in berry crops  
Facilitated by Frank Zalom, UC Davis and Mark Bolda, UCCE
- 9:50 Biology of insecticide resistant SWD field populations, bioassays and results  
Occurrence of SWD and other drosophila, trends of insecticide resistance in field populations, resistance bioassays, and stability of resistance focusing primarily on pyrethroids and spinosyns  
Frank Zalom, UC Davis
- 10:10 Development of a molecular diagnostic to detect insecticide resistance in SWD.  
Discussion of common mechanisms of resistance, main findings, and discussion of molecular diagnostic, its utility and potential benefits  
Christine Tabuloc, UC Davis
- 10:30 General discussion of SWD resistance, resistance diagnostics and next steps  
Facilitated by Frank Zalom, UC Davis

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