

Reviewing and Rating 2019-2020 Pest Management Research Grant Proposals

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Roadmap for Integrated Pest Management

Systems Thinking to Build Better IPM for All Californians

https://www.cdpr.ca.gov/docs/pestmgmt/ipm_roadmap.pdf

OR

DPR>Programs>Pest Management>Projects



University of California
Agriculture and Natural Resources | Integrated Pest Management Program

The Pests, Pesticides,
& IPM Project

**Department of Pesticide Regulation's
2nd Integrated Pest Management
Research Symposium**



Why: To showcase research funded by DPR to advance IPM in California

When: Tuesday, March 26, 2019, 9:30AM-3:15 PM

Where: Sacramento State University, Modoc Hall, Willow Suites 1 & 2

More Details: 10 speakers scheduled, free parking, lunch provided,
4 hours CEU

Save the date: Online registration coming soon!



2019-2020 Pest Management Alliance Grants

- Solicitation released January 4, 2019
- Deadline for Concept submission extended to March 4
- Invitations to submit proposals March 18
- DPR will fund projects that promote the adoption of reduced-risk pest management systems and practices in agricultural and non-agricultural settings.
- Proposal review will begin April 23
- No May PMAC meeting – next meeting TBD



2019-2020 Funding Priorities and Other Details

- We expect to award \$1.1 million dollars, pending administrative approval.
- Funds will be awarded competitively to projects that develop methods or practices to reduce risks associated with pesticides of high regulatory concern and/or are considered high-risk and which can be incorporated into an IPM system.
- DPR will consider proposals requesting \$50,000 to \$500,000.
- DPR expects to fund two to six projects.



Response to the solicitation

- 14 concepts submitted
- 9 applicants invited to submit proposals
 - 6 ag, 2 urban, 1 livestock
- Grants to be awarded by end of March, 2019
- Project start date, July 1, 2019



The Proposals

PI: Alejandro Del Pozo-Valdivia
Title: Efficacy of Alternatives to Pyrethroids and Neonicotinoids Aphid Management in Lettuce
Amount Requested: \$87,328

PI: Chris Geiger
Title: Evaluating the effectiveness of pest preventive design elements incorporated into 3,495 affordable housing units in San Francisco
Amount Requested: \$160,650.58

PI: Samer Elkashef / Tony Hedley
Title: Increasing *Gambusia affinis* production and stocking rates to reduce pesticide usage in mosquito breeding habitats
Amount Requested: \$211,704.21

PI: Mohsen Mesgaran
Title: Development of a decision support tool for enhancing the efficacy of stale seedbed for management of weedy rice in rice fields of California
Amount Requested: \$343,793

PI: Themis J. Michailides
Title: Integrated pest management approaches to reduce losses of nut and fruit crops caused by Colletotrichum species and Botryosphaeria family members on pistachio, almond and avocado in California
Amount Requested: \$284,251

PI: Jimmy Pitzer
Title: Implementing a novel pupal parasitoid release strategy as a biological alternative to insecticide applications used in house fly IPM programs
Amount Requested: \$365,686

PI: Niamh Quinn
Title: Development of best management practices to manage urban rats, protect public health, and reduce rodenticide use
Amount Requested: \$498,672

PI: Florent Trouillas
Title: Develop biological control solutions for the management of canker diseases in the fruit and nut crops
Amount Requested: \$197,202

PI: Neal Williams
Title: Predictive models of pesticide exposure and impacts on bees
Amount Requested: \$214,452

Today's Goals:

- Identify the proposals PMAC feels are fundable.
- Rank those proposals in order of preference.
- Record strengths and concerns for all proposals.

Folder Contents:

- Agenda
- Ground Rules
- PMAC Score totals
- Presentation
- Proposal Summaries
- Individual scores and comments

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