

Postdoc at UC Davis - ecosystem service benefits and liabilities of pollinator plantings

UPDATED APPLICATION PROCESS!!!

The Williams lab at UC Davis is seeking a Postdoctoral Researcher to collaboratively lead a new project on the ecosystem service benefits and liabilities of pollinator plantings in Northern CA. The ad was posted a month ago, but our University system prevented applicants from successfully submitted so we are reposting with an updated application portal.

The project builds on our past studies quantifying the impact of pollinator habitat restoration on biodiversity and pollination services in working agricultural landscapes. The new research extends exploration to assess the additional benefits and potential liability of such plantings to support key agricultural pests and their natural enemies. The field component of the project is in almond landscapes in Northern CA near to UC Davis, but the study also involves working collaboratively with existing data from other crop systems. The research has primary applied goals associated with sustainable integrated pest management and pollination and also more fundamental investigation of the scaling of biodiversity and ecosystem services and of the dynamics of pollinator communities and their interactions with plants over space and time.

The successful postdoc will join a vibrant research community in ecology, entomology and sustainable agriculture at University of California Davis.

Required Qualifications

- Doctoral degree in ecology/biology, entomology or related disciplines
- Strong interest in applied ecological questions in agro-ecology
- Strong knowledge and experience with biostatistics (using R)
- Field research experience with plant-insect ecology
- Demonstrated ability to manage a research team
- Demonstrated publication record

Preferred Qualifications

- Experience with ecological modeling (computational or analytical)
- Research in ecosystem services working with pollinators and/ or natural enemies

Primary Activities

The postdoc will coordinate and lead field work quantifying the effects of pollinator-habitat-plantings on pests, beneficial insects and wild bees across a set of established field sites within almond landscapes. This will include interaction with landowners, growers and regional conservation organizations, as well as data management, summary and preparation of reports. The postdoc will lead analysis and writing of original manuscripts, working collaboratively with Neal Williams and other team members. Outside of the field season there will be opportunity to work on analysis and synthesis of related data and develop additional original papers.

Salary and conditions

Full-time salary and benefits included. Salary and benefits are consistent with UC Davis policy and commensurate with applicant experience

Start date: Nov 2017 (some flexibility)

The position is for 1.5 years (contingent on satisfactory performance). Potential to continue beyond this period will depend on ability to obtain funding through competitive grants written collaboratively with the Williams lab group.

Applications

Applicants should SUBMIT APPLICATION MATERIALS DIRECTLY TO

<https://recruit.ucdavis.edu/apply/JPF01828>. The first application review date is 9/30. Application materials include, cover letter, CV, a 1 page summary of research interests, 1-3 representative publications and the names (with email address) of at least two references. You are welcome to also send material to me directly, but you must apply through the recruit system as well.

September 30, 2017 for full consideration. Late applications will be accepted until position is filled.

The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability age or protected veteran status. For the complete University of California nondiscrimination and affirmative action policy see: <http://policy.ucop.edu/doc/4000376>.

For further information, please contact

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