

Assistant Project Scientist in Entomology/Biological Control

The Department of Entomology at the University of California invites applicants for a full-time Assistant Project Scientist to conduct applied research in the Hoddle Lab. The purpose of this position is to conduct applied research addressing the invasion biology, monitoring, management, and biological control of invasive insect pests in citrus and other crops, and when needed, management of disruptive mutualists that interfere with natural enemies. The final candidate will be responsible in collaboration with the P.I. for designing and executing field and lab experiments, managing data and data-basing, data analyses, writing up work for publication in peer-reviewed journals, extending results to end users through extension articles, talks, and workshops, and assisting with grant writing and report preparation. Aspects of projects will require that the successful applicant will be responsible, at times, for supervising and/or liaising with lab assistants, summer assistants, students, PCA's, and colleagues with other institutions (e.g., USDA, CDFA, UC, etc.).

The required qualification for this position is a Ph.D. in Entomology with a focus on biological control and/or insect pest management.

Preferred qualifications for this position include:

- Demonstrated ability to undertake original research efforts in the following areas: (1) biology, behavior, and management of invasive arthropod pests, including but not limited to pests of importance to citrus, avocados, grapes, and palms, (2) biology, behavior, and ecology of natural enemies used for biological control and IPM programs in citrus, avocados, grapes, and palms, (3) expertise in statistical analyses and modeling, (4) pesticide evaluations with cooperating applicators, (5) DNA extractions, preparations, and molecular-level analyses.
- Demonstrated ability to plan, coordinate and execute research projects covering areas, listed but not limited to, those outlined above. These efforts may be initiated independently when warranted or following consultation with the project P.I. Contributions to projects will include, but may not be limited to, designing and troubleshooting experimental designs and protocols for field and laboratory work, data collation and analyses, and manuscript writing.
- Demonstrated ability to undertake extension activities to engage end users either through talks at meetings (e.g., grower seminar series), articles for trade magazines (e.g., Citrograph), training workshops (e.g., Pest Control Advisor training programs), and development of web-based resources (e.g., web pages and blogs for www.biocontrol.ucr.edu and www.cisr.ucr.edu). In accordance with expectations outlined above, the employee will be expected to initiate research programs, work on existing programs with progress being evaluated through assessment of research and extension (and possibly mentoring) outputs.
- Demonstrated outputs include peer-reviewed publications, extension articles, number of professional and extension presentations given, and grants written, or assistance provided for grant applications and report writing.
- Post-doctoral research experience that supports position expectations listed including demonstrated competence in field- and laboratory-based experimentation, collection, analysis and interpretation of results that are of sufficiently high quality for publication in peer-reviewed scientific journals. Expert areas must include, but are not limited to, pest and natural

enemy interactions, impacts of disruptive mutualists on biocontrol agents, quantification of natural enemy impacts, analyses of phenological temperature trends and dispersal capabilities of pests and natural enemies, experimental and statistical approaches to investigate hypotheses generated by these types of data sets, and interpretation of analyses investigating these phenomena. Publication of these types of work are expected.

- Demonstrated competency in grant preparation, submission, and application success.
- Demonstrated proficiency in extension presentations (talks and written articles) and development of web-based materials and resources.
- Demonstrated supervisory and mentoring experience of undergraduate and graduate students. This is encouraged, especially for graduate students in the P.I.'s lab.

UCR is a world-class research university with an exceptionally diverse undergraduate student body. Its mission is explicitly linked to providing routes to educational success for underrepresented and first-generation college students. A commitment to this mission is a preferred qualification.

Additional qualifications for this position include: Post-doctoral experience in biological control and/or insect pest management.

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, age, disability, protected veteran status, or any other characteristic protected by law.

Advancement through the Project Scientist ranks at the University of California is through a series of structured, merit-based evaluations, occurring every 2-3 years, each of which includes substantial peer input.

To apply: submit Curriculum Vitae, a Statement of Past and/or Planned Future Contributions to Advancing Diversity and Inclusive Excellence, and contact details for three references to <https://aprecruit.ucr.edu/apply/JPF01360>. Review of applications will commence on May 1, 2021 and proceed until position is filled. For full consideration, applicants should submit their complete applications prior to the above date.

For more information about this position, please contact Dr. Mark Hoddle, Chair of the Search Committee, Department of Entomology, at mark.hoddle@ucr.edu. For questions on application procedures and requirements, please contact Ms. Kendall Dunmore, Academic Personnel, at kendall.dunmore@ucr.edu.