

## Assistant Specialist in Entomology

The Department of Entomology at the University of California, Riverside invites applicants for an Assistant Specialist to conduct applied research for the Atkinson Lab. The purpose of this position is to be engaged on CDC and NIH-funded projects that examine the role of the piRNA small RNA pathways in generating virus resistance in *Culex* and *Aedes* mosquitoes. The selected candidate will be specifically generating CRISPR-mediated mutants in key piRNA biogenesis genes of these species, determining their gene expression levels in relevant tissues, and assessing their resistance and inherited immunity to viral infections. The selected candidate will assist with the preparation of manuscripts regarding their research and will present the outcomes of their research at meetings of relevant professional societies and/or professional conferences or workshops. The selected candidate will assist with the training of undergraduate and graduate students in the techniques of microinjection and gene editing in the laboratory.

Basic qualifications for this position include: Ph.D. in entomology or related fields; demonstrated expertise and experience in the microinjection of insect embryos of mosquitoes or other pest-insect species; demonstrated experience in the rearing and genetic crossing of pest insect species; demonstrated experience and expertise in the use of CRISPR technology in pest insect species; and demonstrated expertise and experience in the use of molecular biological and genetic techniques applied to pest insect species.

Preferred qualifications for this position include: experience with the preparation and publication of scientific manuscripts and with the presentation of data to audiences, and experience in the training of student researchers in the laboratory.

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.

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 Specialist 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.

Applicants should submit a Curriculum Vitae, Statement of Research, Statement of Contributions to Diversity, and PDFs of three publications to <https://aprecruit.ucr.edu/apply/JPF01064>. Review of applications will commence on June 22, 2019 and proceed until position is filled. For full consideration, applicants should submit their complete applications by the above date.

For more information about this position, please contact Dr. Peter Atkinson, Chair of the Search Committee, Department of Entomology, at [peter.atkinson@ucr.edu](mailto:peter.atkinson@ucr.edu). For questions on application procedures and requirements, please contact Ms. Kendall Dunmore, Academic Personnel, at [kendall.dunmore@ucr.edu](mailto:kendall.dunmore@ucr.edu).