

Postdoctoral Scholar in Mosquito Genetics

The Department of Entomology at the University of California, Riverside invites applicants for a Postdoctoral Scholar to conduct research in the genetic manipulation of mosquitoes under the supervision of Dr. Peter Atkinson. The purpose of this position is to generate, using contemporary gene manipulation technologies, new approaches for the genetic control of mosquitoes. The selected candidate will specifically be generating CRISPR- and transposon-mediated mutants in target genes in *Culex* mosquitoes, and assaying the resulting phenotypes. The selected candidate will assist with the preparation of manuscripts regarding their research and will present the outcomes of their research at meetings of the relevant professional societies and/or professional conferences or workshops.

Basic qualifications for this position include: Ph.D. in entomology or related fields; demonstrated expertise and experience in the microinjection of insect embryos of pest-insect species; demonstrated experience in the rearing and genetic crossing of pest insect species, demonstrated experience and expertise in the use of CRISPR and transposable element 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 are experience with the genomic analysis and rearing of mosquitoes.

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.

Applicants should submit a Curriculum Vitae, Statement of Research, Statement of Contributions to Diversity, and PDFs of three publications to Dr. Peter Atkinson at peter.atkinson@ucr.edu. Review of applications will commence on September 20, 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 at peter.atkinson@ucr.edu.