

Postdoctoral position in Conservation and Population genomics at University of California, Riverside

There is an opening in the Nabity lab (<http://www.nabitylab.org>) at the University of California, Riverside to study how insect genomes vary with environment and adapt to host plants. The overall goals are to test hypotheses on parasite gene evolution in response to environmental stress (such as climate, fire/disturbance) and host species, and use comparative genomics to understand how plant manipulation evolved. Funding is provided through the California Conservation Genomics Program (<https://www.ccgproject.org/>) and the USDA. The project requires travel to collect samples, knowledge of genome assembly and annotation, and demonstrated computational experience. The project also provides an excellent opportunity to explore the natural regions of the California Floristic Province and learn new techniques in functional genomics ongoing by others in the lab.

The expectations of the position include the quasi-independent execution of bioinformatics and molecular analyses, willingness to learn new analyses, and active engagement in mentoring students and disseminating science. The ideal candidate will have experience in genome sequencing and resequencing approaches, a strong publication record, and a PhD in a Biology-related discipline within the past three years. Candidates with entomology backgrounds are preferred.

The University of California, Riverside is a highly diverse and rapidly growing campus located in the historic city of Riverside, California. 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, and we especially encourage applications from individuals that are members of groups historically underrepresented in higher education. The campus is located within one hour of downtown Los Angeles, a city that provides world-class cultural opportunities. Riverside also provides easy access to numerous outdoor recreational areas, including forest, alpine, ocean, and desert environments.

The position is available beginning spring 2022 and can be for up to two years, contingent upon performance. Evaluation of applications will begin as they are received, and the position will remain open until a suitable candidate is found. Applications must include a CV, a short cover letter describing research interests and career goals (2 pages max), and the names and emails of 3 references. Application materials should be emailed to Dr. Paul Nabity (pauln@ucr.edu) with the subject line "Population Genomics Postdoc."

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.