

## JUNIOR SPECIALIST AT UC DAVIS GENOME CENTER

The Genome Center at the University of California, Davis invites applications from qualified candidates for a Junior Specialist position.

This position will be in direct collaboration with the Principal Investigator and other lab personnel, this position will be involved in multiple research projects, particularly the molecular genetics and genomics of plants and plant pathogens. Specifically, the Junior Specialist will be responsible for wetlab and computational investigations of genetic recombination, genome structure, and mechanisms of variation in plants and plant pathogens. This may include but is not limited to harvesting of samples, DNA extraction, PCR amplification, scoring of genome edits, various molecular biology procedures, analysis of sequencing data, genome assembly, and analyses of genomic variation. The appointee will prepare manuscripts for publications and reports, in collaboration with her/his direct supervisor. Manuscript preparation by the appointee will include reviewing the relevant literature and summarizing these reviews in the introduction, describing results and methods used to acquire the results, presenting and analyzing data obtained by the appointee, constructing clear and informative figures, interpreting the results and discussing how they fit with the current understanding of the field. Depending on whether the appointee is first or middle author of the manuscript in preparation, she/he will contribute these items for most of the manuscript or only the part contributed. Depending on interest and availability of funds, the Junior Specialist will have opportunities to present research findings to a larger audience at scientific conferences or meetings. The appointee will also assist the investigator in presenting progress reports and final summaries to granting agencies. The Junior Specialist will participate in training activities, such as mentoring undergraduate students. They will actively contribute to lab activities via meetings and unit/campus presentations.

Candidates should have a Baccalaureate degree in Genetics, Biochemistry, Molecular Biology, or related field; background in molecular genetics and computational biology; knowledge of basic molecular techniques and competence for working in a Unix computer environment.

Interested candidates should submit all materials via the web-based online submission system <https://recruit.ucdavis.edu/JPF06880>. Required materials include a cover letter, curriculum vitae, statement of research, names and contact information for three references, and a statement of contributions to Diversity, Equity and Inclusion. Initial reviews of applications will begin on December 31, 2024.

As one of the country's leading R1 institutions, UC Davis seeks candidates with exceptional [potential for/record of] research and/or teaching, and inclusive excellence. In addition, the successful candidate will demonstrate an understanding of the barriers preventing full participation of members from historically underrepresented and marginalized student communities in higher education, such as (but not limited to) women, underrepresented minorities, individuals self-identifying as LGBTQIA+, veterans, individuals with disabilities, economically disadvantaged groups, first-generation, undocumented students, or students with any intersections in between.

Diversity, equity, and inclusion are core values of the University of California, Davis that are embedded within our Principles of Community and are tied with how to best serve our student population. Please review the full Job Posting to learn about the initiatives that keep UC Davis an inclusive and safe campus for our incredibly diverse students, staff, academic appointees, and faculty.

UC Davis is a top-tier public university, ranked 5th nationally by the Wall Street Journal/Times Higher Education, 9th in the QS USA University rankings, and 10th nationally by US News and World Report among U.S. public universities overall and for research funding. It is also ranked #1 in the diversity and internationalization category in the QS USA University rankings. The US News and World Report rankings also highlight UC Davis as 16th among “top performers on social mobility,” which is determined by the outcomes of Pell Grant recipients and other stats. Check out more ranking information on our “About Us” webpage. Please review the full position description to learn more about acclaimed university and the notable rankings we have received regarding diversity, environmental sustainability, work-life balance, and more.