

## ASSISTANT SPECIALIST AT UC DAVIS GENOME CENTER

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

The position of Specialist has a narrow focus in a specialized area and provides technical or specialized expertise (e.g., with instrumentation and research equipment or with social science research methods) in the planning and execution of a research project. The Specialist stays apprised of emerging issues and problems and maintains technical competence in the designated area(s) of specialization. Within this defined area and when appropriate, the Specialist is expected to provide leadership, facilitate teamwork and develop collaborative relationships with colleagues and to supply input into the planning of research and educational programs. Normally, Specialists do not have Principal Investigator (PI) status but may obtain permission by exception and/or collaborate with a PI in preparing research proposals for extramural funding. The Specialist is evaluated for merit and promotion using three basic criteria outlined below. The Micheltore Lab studies the classical and molecular genetics of plants and their pathogens, with particular emphasis of lettuce and downy mildews. This includes genomic approaches to understand the molecular basis of disease resistance in plants as well as of the changes in virulence of pathogens. These efforts are integrated with classical plant breeding aimed at releasing breeding lines with more durable disease resistance. In direct collaboration with the Principal Investigator, this position will support research activities focused on plant breeding objectives as well as supporting the generation and analysis of transgenic and edited plants. Specific duties include the coordination of greenhouse activities and field trials, making crosses, and analyzing progeny, genetically and phenotypically; data analyses will include the integration of molecular genetic and phenotypic information. This position will assist with stakeholder feedback via posters and presentations as well as assist with student lab projects related to genetic analysis, for example, extracting pedigree data from databanks and verifying pedigree relationships.

This position requires involvement in acquisition of research funding and a strong commitment to collaborative research. The hired candidate will coordinate and contribute to grant applications for lettuce research and will also assist in the preparation of manuscripts for publications in collaboration with the PI.

Candidates should have a MS in horticulture, plant breeding, plant pathology, or related field; proficient in data entry and retrieval from databases and Excel spreadsheets; proficient in Microsoft Excel, Word, and internet searches, for example, of GenBank; minimum 2 years' experience working in a greenhouse environment; experience with plant breeding and experience with basic molecular techniques such as DNA/RNA extraction and PCR.

Interested candidates should submit all materials via the web-based online submission system <https://recruit.ucdavis.edu/JPF06902>. 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 January 20, 2025.

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.