

METABOLOMICS TECHNICAL DIRECTOR AT UC DAVIS GENOME CENTER

The Genome Center at the University of California, Davis invites applications from qualified candidates for the position of Technical Director of the UC Davis West Coast Metabolomics Center (WCMC).

Reporting to the faculty director, the incumbent will have general responsibility for maintaining and improving services of the WCMC (<https://metabolomics.ucdavis.edu/>), which includes four research laboratories, a professional outreach core and large service laboratory. The Technical Director will develop, direct and oversee the daily operations of metabolomics and cheminformatics services. The service core consults clients and provides data and pathway analyses for four untargeted assays (lipidomics, biogenic amines, primary metabolites and polyphenols), and a range of targeted assays and isotope tracer studies. The Technical Director will widen the core's portfolio for academic and biomedical research through the main laboratory on the Davis campus, for example via MS-based imaging, while enhancing support for large scale clinical studies through the recently established ThermoFisher Center of Excellence in Clinical Metabolomics, located on the UC Davis clinical campus in Sacramento. The Technical Director will advance the state of metabolomics by developing and integrating new cheminformatics tools and databases as well as new methods in data acquisition and data interpretations.

Currently, core services are provided for more than 350 projects and 30,000 samples per year. The core currently employs 17.5 full time staff, has 19 mass spectrometers and 14 types of cheminformatics tools. The incumbent reports to the WCMC faculty director on budget and staff management as well as development and implementation of technical advancements or new services, and is supported by a management team consisting of a laboratory manager, an IT senior lead and a project manager.

Candidates should have a Ph.D. or equivalent in STEM fields of research, five years of experience in mass spectrometry and quantification of small molecules, and strong communications skills. Demonstrated experience in team leadership, in metabolomics and in a scientific service core is preferred.

Please see the full recruitment posting at [https://recruit.ucdavis.edu/JPF04869\(Preview\)](https://recruit.ucdavis.edu/JPF04869(Preview)). Required materials include a cover letter, Curriculum Vitae, statement of research, six letters of recommendation and a statement of contributions to Diversity, Equity, and Inclusion. Initial reviews of applications will begin on May 20, 2022.

As one of the country's leading R1 institutions, UC Davis seeks candidates with exceptional 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.