

Principal Microanalytical Facility Associate (9612C),
College of Chemistry - Dean's Office - 70696
University of California, Berkeley

Direct Link: <https://www.AcademicKeys.com/r?job=239097>

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Posted Jul. 29, 2024, set to expire Nov. 1, 2024

Job Title	Principal Microanalytical Facility Associate (9612C), College of Chemistry - Dean's Office - 70696
Department	
Institution	University of California, Berkeley Berkeley, California
Date Posted	Jul. 29, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Professional Staff
Academic Field(s)	Research/Technical/Laboratory
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Job Description

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About Berkeley

At the University of California, Berkeley, we are committed to creating a community that fosters equity of experience and opportunity, and ensures that students, faculty, and staff of all backgrounds feel safe, welcome and included. Our culture of openness, freedom and belonging make it a special place for students, faculty and staff.

The University of California, Berkeley, is one of the world's leading institutions of higher education, distinguished by its combination of internationally recognized academic and research excellence; the

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transformative opportunity it provides to a large and diverse student body; its public mission and commitment to equity and social justice; and its roots in the California experience, animated by such values as innovation, questioning the status quo, and respect for the environment and nature. Since its founding in 1868, Berkeley has fueled a perpetual renaissance, generating unparalleled intellectual, economic and social value in California, the United States and the world.

We are looking for equity-minded applicants who represent the full diversity of California and who demonstrate a sensitivity to and understanding of the diverse academic, socioeconomic, cultural, disability, gender identity, sexual orientation, and ethnic backgrounds present in our community. When you join the team at Berkeley, you can expect to be part of an inclusive, innovative and equity-focused community that approaches higher education as a matter of social justice that requires broad collaboration among faculty, staff, students and community partners. In deciding whether to apply for a position at Berkeley, you are strongly encouraged to consider whether your values align with our [Guiding Values and Principles](#), our [Principles of Community](#), and our [Strategic Plan](#).

At UC Berkeley, we believe that learning is a fundamental part of working, and our goal is for everyone on the Berkeley campus to feel supported and equipped to realize their full potential. We actively support this by providing all of our staff employees with at least 80 hours (10 days) of paid time per year to engage in professional development activities. To find out more about how you can grow your career at UC Berkeley, visit grow.berkeley.edu.

Departmental Overview

The College of Chemistry houses the College of Chemistry Dean's Office, the Department of Chemistry and the Department of Chemical and Biomolecular Engineering. The College ranks among the most prominent in the nation, and is renowned for their excellence in a wide range of sub-disciplines and applications in the chemical sciences. The College's undergraduate programs are rigorous, and attract a diverse group of motivated, high-achieving students. In addition to completing a challenging curriculum, our students engage in research, internships, study abroad, and a variety of other co-curricular pursuits.

Position Summary

To conduct all aspects of elemental analyses using a Combustion Analyzer and assist students and outside submitters on sample preparation and interpretation of results, as well as maintain and train users on an Inductively Coupled Plasma (ICP) optical emission spectrometer for trace metal detection.

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Application Review Date

The First Review Date for this job is: 07/19/2024. For full consideration, please apply by 07/22/2024. This position is open until filled.

Responsibilities

Technical Services and Research Projects:

- Carbon, hydrogen, nitrogen and sulfur analyses for the customers.
- High-level consulting on sample preparation for CHNS analysis.
- High-level consulting on method development and sample preparation for the inductively-coupled plasma (ICP) spectrometry.
- Day-to-day operation, maintenance, repair and optimization of all instrumentation and accessory devices such as the FlashSmart CHNS Analyzer (Fisher Scientific), ICP Optima 7000DV Perkin Elmer spectrometer, glove box, O₂ analyzer, and microbalances.
- Purchasing of new equipment.
- Safe handling and disposal of toxic and radioactive materials.
- Assisting in elemental analyses data interpretation.
- Ensure safety, including handling of radioactive materials.
- Ordering of reagents and consumables.

Administrative:

- Managing the budget of the Facility (approximately \$150,000 per year), billing, overseeing annual budget status reports and adjustment of recharge rate for analytical services.
- Communications with customers, Facility users, and the College Services personnel.
- Documentation of radioactive material handling, as a Radiation Use Authorization (RUA) holder
- Generation of Standard Operating Procedures (SOPs) to comply with the Environmental, Health and Safety (EH&S) regulations.
- Secure resources and updating the Facility instrumentation park.

Other Duties Assigned:

- Hiring and training students on the use of the ICP instrument.
- Attracting new customers.

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Required Qualifications

- Undergraduate level coursework in organic and inorganic chemistry.
- Advanced knowledge of analytical chemistry and instrumentation for chemistry.
- Advanced communication skills (written and verbal) and interpersonal skills.
- Experience with Excel and Microsoft Office Suite.

Preferred Qualifications

- Bachelor's degree in related area and/or equivalent experience/training.

Salary & Benefits

This is a 50% part-time (20 hrs a week) non-exempt career position, which is paid hourly and eligible for UC Benefits.

For information on the comprehensive benefits package offered by the University, please visit the University of California's [Compensation & Benefits](#) website.

Under California law, the University of California, Berkeley is required to provide a reasonable estimate of the compensation range for this role and should not offer a salary outside of the range posted in this job announcement. This range takes into account the wide range of factors that are considered in making compensation decisions including but not limited to experience, skills, knowledge, abilities, education, licensure and certifications, analysis of internal equity, and other business and organizational needs. It is not typical for an individual to be offered a salary at or near the top of the range for a position. Salary offers are determined based on final candidate qualifications and experience.

The budgeted salary or hourly range that the University reasonably expects to pay for this position is \$28.85 (Step 1) - \$36.61 (Step 13).

How to Apply

- To apply, please submit your resume and cover letter.

Other Information



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This position is governed by the terms and conditions in the agreement for the Research Support Professionals Unit (RX) between the University of California and the University Professional and Technical Employees (UPTe). The current bargaining agreement manual can be found at:

<http://ucnet.universityofcalifornia.edu/labor/bargaining-units/rx/index.html>

- This is not a visa opportunity.

Conviction History Background

This is a designated position requiring fingerprinting and a background check due to the nature of the job responsibilities. Berkeley does hire people with conviction histories and reviews information received in the context of the job responsibilities. The University reserves the right to make employment contingent upon successful completion of the background check.

Equal Employment Opportunity

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, disability, or protected veteran status. For more information about your rights as an applicant, please see the

https://apptrkr.com/get_redirect.php?id=5380674&targetURL=U.S. Equal Employment Opportunity Commission poster.

The [University of California's Affirmative action policy](#).

The [University of California's Anti-Discrimination policy](#).

To apply, visit

https://careerspub.universityofcalifornia.edu/psc/ucb/EMPLOYEE/HRMS/c/HRS_HRAM_FL.HRS.CG_S

Contact Information

Please reference Academickeys in your cover letter when

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applying for or inquiring about this job announcement.

Contact

N/A

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