July 12, 2019

Research Assistant, UAS 1621
Chemistry and Biochemistry

**Salary Range:** $18.00 - $25.00/Hourly

**Work Schedule:** This is a part-time position; Monday – Friday (hours to be determined); non-exempt position. This position is not eligible for benefits. This appointment will expire on or before September 30, 2019.

**Summary:** Under the general supervision of the Principal Investigator, the incumbent will design research experiments, collect data, analyze the results, and perform other duties of a research scientist that will lead to peer-reviewed publication in the field of environmental chemistry.

**Duties:** Major job duties include maintenance, operation and training for time-resolved laser analysis, ASE, LC/MS, GC/MS, NMR and photochemical reactor laboratory techniques. Conduct experiments: Design research experiments, collect data, and analyze results in experiments using time-resolved laser analysis, ASE, LC/MS, GC/MS, NMR and photochemical reactor laboratory techniques. Maintain instrumentation. Maintain time-resolved laser apparatus, ASE, GC/MS and LC/MS instrumentation. This includes periodic disassembly, cleaning and calibration of the GC/MS and LC/MS mass spectrometers necessary to maintain good signal-to-noise ratios. The incumbent must also maintain UV-vis photochemical reactors. Train new operators. Train certified operators for time-resolved laser analysis, ASE, LC/MS, GC/MS, NMR and photochemical reactor laboratory techniques. Present oral and written presentations. Draft experimental and results sections for technical manuscripts, which include preparing figures, correcting spelling, punctuation, and grammar errors in drafts.

**Requirements:** The incumbent must have fulfilled the requirements for a Bachelor’s degree in Chemistry, Biochemistry, Biology, or an equivalent degree program. The incumbent must have one academic term participating in a student research experience such as HEM 4990: Undergraduate Directed Study or equivalent. The incumbent must also demonstrate an interest or ability in working in a multicultural/multiethnic environment. Fingerprinting will be taken and checked by the California Department of Justice and the FBI. The incumbent may be responsible for the fingerprinting processing fee. A completed UAS employment application is required.

**Desired Qualifications:** Experience operating and maintaining mass spectrometry instrumentation, training in technical writing and satisfactory oral presentation skills.

Review of applications will begin July 15, 2019, and will continue until the positions are filled; however, the recruitment may close when an adequate number of qualified applications are received.

You may apply to: uashr@cslanet.calstatela.edu or mail to: Cal State LA University Auxiliary Services Inc., 5151 State University Drive, GE 310, Los Angeles, CA 90032-8534.

UAS hires only those individuals lawfully authorized to work in the United States. Americans with Disabilities (ADA) requested accommodations should be made in advance to the UAS Human Resources Department. UAS is an Affirmative Action/Equal Opportunity Employer.
Cal State LA University Auxiliary Services Inc. is an Equal Opportunity/Affirmative action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex including sexual orientation and gender identity, national origin, disability, protected Veteran Status, or any other characteristic protected by applicable federal, state, or local law.

http://www.calstatela.edu/sites/default/files/groups/University%20Auxiliary%20Services%2C%20Inc%20HRM/employment_application.pdf