

**Staff Research Associate: Stable Isotope Ratio Mass Spectrometry**  
Position Code: SOR7128A

University of California, Merced is currently searching for an experienced individual familiar with isotope ratio mass spectrometry is sought for a yearly contract position at the University of California Merced. The person chosen for the position will be responsible for the operation and maintenance of two gas source isotope ratio mass spectrometers including a gas chromatographic system, an elemental analyzer, a carbonate analyzer, and a thermo-chemolysis system. These instruments and the associated laboratory will be operated as a recharge facility under the Office of Research and Economic Development. The successful applicant will work with graduate students, postdocs, and undergraduate students in a very active research environment strongly linked to education. The successful applicant will need to have 3+ years of hands on experience using stable isotope instrumentation, experience supervising undergraduates, and a record of understanding complex instrumentation. The successful applicant will assist faculty and students in designing experiments and sampling schemes to best utilize the power of stable-isotope techniques. She/he will also assist faculty and staff in the analyses and interpretation of stable isotope data. The stable isotope laboratory built in 2015 is located in the Science and Engineering building on the main campus and is part of the Life and Environmental Sciences academic unit (<http://naturalsciences.ucmerced.edu/earth-systems-science>). UC Merced leads the Southern Sierra Critical Zone Observatory, manages two UC Natural Reserves, and is involved in the Environmental Systems and Quantitative Systems Biology graduate programs.

- Bachelor's degree in science in the fields of ecology, chemistry, environmental science, or earth science is required.
- A Master's or Ph.D. preferred.
- Experience at data assurance and quality control in analytical measurements preferred.
- Knowledge of and experience in the operation and maintenance of two gas source isotope ratio mass spectrometers including a gas chromatographic system, an elemental analyzer, a carbonate analyzer, and a thermo-chemolysis system required.
- Solid leadership skills associated with planning work assignments, establishing priorities and scheduling instructional space required.
- Solid interpersonal skills to develop and maintain effective working relationships with students, faculty and staff required.
- Knowledge of data acquisition and analysis techniques required.
- Advanced knowledge of stable isotope chemistry research discipline or instructional design to collaborate effectively with faculty and function as a resource to research and instructional associates required.
- Strong abilities to conduct and report on scientific experiments and findings required.
- Knowledge of necessary lab safety procedures & requirements & chemical disposal guidelines required.

Apply Online: <https://jobs.ucmerced.edu/n/user/staff/application/instruct.jsf?positionId=7128>

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, national origin, disability, age or protected veteran status.