



FACULTY EMPLOYMENT OPPORTUNITY

DEPARTMENT OF GEOLOGY

**Full Time (Tenure-Track)
Assistant Professor of Geology
Starting Fall 2018**

Refer to #104476 on all correspondence and inquiries regarding this position.

OUR COMMITMENT

Sonoma State University offers an exceptional educational experience that fosters intellectual, cognitive, social, and personal growth. As the only member of the Council of Public Liberal Arts Colleges in California, we are uniquely positioned to foster ethical exploration, civic engagement, social responsibility, and global awareness combined with a solid foundation in an academic discipline. We have a strong commitment to graduating students who have the ability to think critically and communicate effectively in an ever-changing world. The unique campus culture fosters our Seawolf Commitment to integrity, respect, excellence, and responsibility and is integrated into all campus life. We nurture inclusive excellence through a celebration of the rich diversity of our local communities and our interconnected global economy. Members of the University community are expected to work effectively with faculty, staff, and students from diverse ethnic, cultural, and socioeconomic backgrounds. SSU is especially interested in candidates who make contributions to equity and inclusion in the pursuit of excellence in teaching, scholarship, and service.

THE UNIVERSITY

Sonoma State University's beautiful 274-acre campus is located in Sonoma County wine country, an hour north of San Francisco. The campus offers the ideal setting for teaching and learning and access to a community of rich cultural, environmental, and recreational opportunities. Founded in 1960, Sonoma State University is one of the 23 campuses of the California State University System. As members of the largest public higher educational system in the nation, we provide accessible, high quality education to more than 9000 students. Sonoma State University is proud to be a Hispanic Serving Institution committed to achieving the goals of equal opportunity and endeavors to employ faculty and staff reflecting the ethnic and cultural diversity of the region and state.

FACULTY RESPONSIBILITIES

In addition to teaching and scholarship, faculty are expected to engage in service to the department, school, and community. Sonoma State is committed to the Teacher/Scholar model and places an emphasis on faculty support of undergraduate research. Faculty are also encouraged to participate in our distinctive, high-impact Freshman and Sophomore year programs and to foster our commitment to the [CSU Graduation Initiative 2025](#) through excellent teaching, advising, and mentoring. Potential

applicants are encouraged to review the [University's Reappointment, Tenure and Promotion Policy](#). All faculty are required to have the ability to work effectively in a multicultural environment.

THE DEPARTMENT

The Department of Geology offers a B.S. in Geology and a B.A. in Earth Science as well as minors in Paleontology and Geology. The Department's objectives include providing B.S. students with a broad, fundamental background in geology and its applications to prepare them to work in industry, to obtain professional licensure in the State of California, or to pursue graduate study. Further, we strive to provide our B.A. students with a well-rounded curriculum that prepares them for a variety of careers, including earth science education, state agencies, and environmental advocacy. The Department also provides important courses in the University's general education program and support courses for other majors.

The Geology Department is composed of tenure-track faculty members, part-time faculty members, two support staff, and over 80 majors. The Department emphasizes quality undergraduate instruction and offers considerable hands-on experience with close student-faculty contact in classes, and extensive field experience. The Geology Department has equipment including XRD and SEM with EBSD, ground penetrating radar, cathodoluminescence microscope, thin-section preparation laboratory, a wet lab, heavy mineral inspection lab and a computer laboratory. In addition, the Department has access to the Keck Microanalysis Laboratory (part of the Cerent Engineering Science complex), which has a scanning electron microscope with energy-dispersive x-ray analysis, two atomic force microscopes, an Auger spectrometer, and an epifluorescent and laser scanning confocal microscope, in addition to other analytical instruments.

The current faculty in the Department are actively involved in a range of geological disciplines, including igneous, metamorphic, and sedimentary geology, structural geology, and paleontology. Members of the Department have a strong commitment to field-based geology and new faculty hires will be expected to be an active participant in the Department's field program.

Prospective applicants are encouraged to peruse the Department's web page at:

<http://www.sonoma.edu/geology/>

DUTIES OF THE POSITION

The successful candidate should have a demonstrated record of excellence in undergraduate teaching, an interest in developing student-driven research projects, and the ability to conduct multi-day field trips in California or adjacent states. Collaborations in teaching and/or research are encouraged within the department as well as with faculty members from other departments. Faculty in the Department of Geology are expected to teach across the curriculum in geology majors core classes including lecture, laboratory, and field courses, large-lecture format general education courses, the science freshman seminar program, and elective courses (e.g., geochemistry, field methods, or GIS) within the geology major, as well as being an active participant in the department's field program. We are committed to expanding and diversifying participation for all students (currently 44% female and 56% male) and strongly encourage faculty candidates with similar goals to apply.

PROFESSIONAL QUALIFICATIONS

The Department of Geology within the School of Science and Technology (SST) at Sonoma State University (SSU) is seeking a highly motivated and dynamic teacher/scholar to teach and conduct research with undergraduate students in geology. We are searching for a faculty member whose primary

teaching duties fall in two related areas: hydrology and/or hydrogeology, and STEM teaching in an introductory-level, year-long, interdisciplinary first-year experience course titled “A Watershed Year,” with a focus on the Russian River and other California watersheds. This tenure track position is at the rank of assistant professor and requires a doctorate in geology, or related field, specializing in hydrology or hydrogeology. We are particularly interested in candidates with experience in field work and hydrologic/watershed modeling to balance the existing strengths in the department which include paleontology, provenance and tectonics, structural geology and igneous petrology. With respect to school resources relevant to the position, the university also manages three different preserves, two of which house the headwaters to major tributaries to the Petaluma and Russian Rivers, which are available to the successful applicant for research and have associated funding opportunities within the SSU system.

The total teaching assignment each semester is approximately 12 weighted teaching units (WTUs) of lecture, laboratory, field course, and undergraduate research supervision. The first two years (four semesters) carry a reduced teaching load of 9 WTU per semester. In addition, if successful in obtaining external funds, faculty members may teach fewer units. All faculty members in the Department of Geology are also expected to participate in departmental governance. The successful candidate will be encouraged to initiate and maintain research activities that involve undergraduate students, to seek grant funding for scholarly work, and to make substantive and documentable contributions to their discipline. In addition to teaching and research, all faculty have academic advising responsibilities, assist the department with administrative and/or committee work and program assessment, and are expected to assume campus and school-wide committee responsibilities.

We encourage applications from individuals with: 1) a commitment to teaching and research at the undergraduate and graduate level in a diverse campus community; 2) a strong background in geological sciences; and 3) expertise in one or more of the following areas: physical hydrogeology, groundwater and shallow subsurface flow in the vadose zone, fluid flow through fractured rocks, geothermal energy, fluid flow in cold climate environments and permafrost, contaminant transport, and environmental hydrogeology.

RANK AND SALARY

Salary, service credit, and rank (when appropriate) depends upon academic preparation and professional experience.

The approximate salary range for this position is: \$70,000 - \$73,000

HOW TO APPLY

To apply for this position, go to www.sonoma.edu/jobs and select Job Opportunities. If you are not currently employed at Sonoma State University, select the *External Applicants* box. You will be redirected to a list of all available jobs at Sonoma State University. Find and select the faculty position you are applying for to view the description and select *Apply Now*. If you have not applied for a job at Sonoma State University previously you will be asked to *Register Now* in order to proceed. After submitting the application letter and curriculum vitae, please proceed to My Career Tools to attach the additional required documents. Your statement of research interests may be a statement of scholarship and/or creative activity if appropriate to your discipline. PDFs are the preferred format for all submissions. Once you have submitted all materials, a confirmation email will be automatically sent to you. If you encounter difficulties during the application process, please email facultysearch@sonoma.edu. Applications submitted to the faculty search email address will not be considered, so please use the www.sonoma.edu/jobs link above.

Please submit:

Required

- Application letter
- Curriculum vitae

Additional Required Documents

- Statement of Research Interests
- Teaching Philosophy
- Student Evaluations
- Contact Information for three (3) References to be contacted by the committee members

Letters of Recommendation will be requested from finalists only.

Official transcripts may be required at the time of hire.

Sonoma State University hires only individuals lawfully authorized to work in the United States. All offers of employment are contingent upon presentation of documents demonstrating the appointee's identity and eligibility to work, in accordance with the provisions of the Immigration Reform and Control Act. A background check (including a criminal records check) must be completed satisfactorily before any candidate can be offered a position with the CSU.

APPLICATION DEADLINE

Applications received by December 1, 2017 will be given full consideration. The position will remain open until filled.

Questions concerning this position may be directed to:

Matthew J. James, Search Committee Chair
Email: matt.james@sonoma.edu
Phone: 707-664-2301

Questions concerning the application process may be directed to: facultysearch@sonoma.edu.

#104476 PLEASE REFER TO THIS NUMBER ON ALL CORRESPONDENCE AND INQUIRIES REGARDING THIS POSITION.

OTHER INFORMATION

The university is an Affirmative Action/Equal Opportunity Employer. We consider qualified applicants for employment without regard to race, religion, color, national origin, ancestry, age, sex, gender, gender identity, gender expression, sexual orientation, genetic information, medical condition, disability, marital status, or protected veteran status.

This position is considered a "mandated reporter" under the California Child Abuse and Neglect Reporting Act and is required to comply with the requirements set forth in CSU Executive Order 1083 as a condition of employment.



SONOMA STATE UNIVERSITY

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