

Department: **Applied Human and Environmental Sciences**

Working Title: **Research Assistant - CSU GUIDE Calcite Deformation Project**

Classification: **Instructional Student Assistant**

Number of Openings: **2**

Pay Rate: **\$20.00/hour**

Appointment: **Approx.10 hrs/week**

Expected Dates of Employment: **Sept. 2026 – May 27, 2027**

Deadline to Apply: **Open until filled**

Requisition #: AHES_ISA_2627

DUTIES OF THE POSITION

Assist with research for the CSU GUIDE project, "Linking Fluid-Stress Interactions to Microstructural Signatures in Calcite: Implications for Earthquake Dynamics and Reservoir Development." Student researchers will participate in sample preparation, laboratory deformation experiments, SEM imaging, EBSD data collection and processing, image analysis, and interpretation of deformation microstructures. As skills develop, students may contribute to experimental design, develop and test research questions, synthesize results, prepare written reports and conference presentations, and participate in collaborative research activities with Lawrence Berkeley National Laboratory. Work will include regular meetings with the faculty supervisor and other student researchers.

MINIMUM QUALIFICATIONS

The ability to learn and perform assigned work; work cooperatively with faculty, staff, and other students; and accept responsibility. Admission or registration as a University student. Note: Exceptions to the minimum eligibility qualifications may be granted at the sole discretion of the University.

HIRING CRITERIA

Interest in geology, geoscience, materials science, or a related STEM field. Strong attention to detail, reliability, and willingness to learn laboratory and computer-based research methods. Ability to work independently and collaboratively. Coursework in mineralogy, structural geology, petrology, materials science, or related subjects is helpful but not required. Prior SEM/EBSD experience is not required; training will be provided.

HOW TO APPLY

Send an email expressing your interest to matty.mookerjee@sonoma.edu.

HIRING NOTIFICATION

Candidates will be notified via email

SUPERVISOR

Matty Mookerjee

OTHER INFORMATION

- The classification, Instructional Student Assistant, is one of three classifications in a collective bargaining unit, Unit 11. Instructional Student Assistants, who must be currently enrolled University students, perform tutoring, grading, or teaching-related duties under the supervision of faculty or professional staff.
- 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.
- 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.
- Successful candidates may be required to do a background check (including a criminal records check) before work in the position can begin.

**SONOMA
STATE
UNIVERSITY**

**FACULTY AFFAIRS
& SUCCESS**

Sonoma State University

1801 East Cotati Ave.
Rohnert Park, CA 94928