

Department: **Geography, Environment, and Planning**

Working Title: **CIGA ISA**

Classification: **Instructional Student Assistant**

Number of Openings: **5**

Pay Rate: **\$17/hour**

Appointment: **Not to Exceed 20 Hours per Week**

Expected Dates of Employment: **August 19, 2022 to May 26, 2023**

Deadline to Apply: **Open until filled**

Requisition #: **GEP_ISA_2223_3**

DUTIES OF THE POSITION

The student assistant will work under the direction of the Principle Investigator (PI) Dr. Matthew Clark to support research on the multiple grants. Computer work will be mainly remote, with access to computers in the Center for Interdisciplinary Geospatial Analysis (CIGA) at Sonoma State via a remote connection as needed. Duties include helping collect data from an unoccupied aerial system (UAS, drone) and terrestrial laser scanner (TLS) data in field locations, process UAS and TLS data, assessing patterns of wildfire and bird diversity using geospatial analysis, collection of reference data for machine learning analyses, preparing maps and figures for scientific publications, and literature review.

MINIMUM QUALIFICATIONS

The ability to learn and perform assigned work; work cooperatively with faculty, staff, and other students; and accept responsibility. Completion of specific coursework may be required in order to teach, grade, complete research, or tutor for a course. 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

Knowledge of ArcGIS Pro GIS software. Ability to work in field conditions, including hiking to off-trail locations in forested conditions in varying weather conditions. Organized, communicative and motivated to acquire new skills and knowledge and willingness to work independently or in a team. Desired: Computer programming in python or R.

HOW TO APPLY

Contact GEP Dept. Analyst Kimberly Kaido-Alvarez (kaidoalv@sonoma.edu) to submit a letter of interest.

HIRING NOTIFICATION

By email from Kimberly Kaido-Alvarez

SUPERVISOR

Dr. Matthew Clark

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

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