

Department: **EdEon STEM Learning**

Working Title: **NASA CubeSat Lead Instructional Student Assistant**

Classification: **Instructional Student Assistant**

Number of Openings: **1**

Pay Rate: **\$21.00/hour**

Appointment: **10 hours a week during academic year/ 30+ hours a week during the Summer/Winter Break (40 hours maximum).**

Expected Dates of Employment: **Fall 2024 (August 19, 2024 – December 19, 2024. Possibly through Winter break through January 15, 2025)**

Deadline to Apply: **Open until filled**

Requisition #: **EdEon\_ISA\_FA\_2324\_8**

## **DUTIES OF THE POSITION**

IMAP StC is the abbreviation for: Interstellar Mapping and Acceleration Probe Student Collaboration. This work involves tasks related to designing, building, testing, calibrating at least one mini satellite, known as a CubeSat. Ultimately, the CubeSat will be delivered to NASA for launch. Specifically, students will learn about CubeSats and space physics, as he/she/they create computer software programs (codes) or build electronics needed for a CubeSat. The goal is to build three identical CubeSats at three Universities: Sonoma State University (SSU), University of New Hampshire, and Howard University. Students in this position will support the CubeSat built at Sonoma State University. This position involves collaboration with students and mentors at three universities virtually and ultimately involve travel. IMAP is a NASA-funded mission to study the Heliopause. This project includes learning from IMAP scientists at institutions outside of SSU. The Lead ISA will be the primary liaison between CubeSat students and the mentor team, ensure documentation is up-to-date and ensure the work aligns with science and engineering requirements.

## **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**

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 or tutor 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.

## **HOW TO APPLY**

Please submit a resume that indicates what Science, Technology, Engineering, and Mathematics courses you have taken. Make sure to include Email or Phone number to set up an Interview.

**Academic Personnel**

Send resume to: [edeon@sonoma.edu](mailto:edeon@sonoma.edu)

## HIRING NOTIFICATION

Upon completion of interviews, students will receive a phone call at the end of the interview week. Contact [edeon@sonoma.edu](mailto:edeon@sonoma.edu) if you have any questions or concerns.

## SUPERVISOR

Supervisor: Laura Peticolas [peticola@sonoma.edu](mailto:peticola@sonoma.edu)

Administrative Coordinator: Robert Martinez [martirob@sonoma.edu](mailto:martirob@sonoma.edu)

## 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.

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ACADEMIC  
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## SONOMA STATE UNIVERSITY

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