

Department: **EdEon STEM Learning**

Working Title: **MACH Instructional Student Assistant**

Classification: **Instructional Student Assistant**

Number of Openings: **2**

Pay Rate: **\$16/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 2022 - Spring 2023**

Deadline to Apply: **Open until filled.**

Requisition #: **EDEON_ISA_2223_5**

DUTIES OF THE POSITION

MACH is the abbreviation for: Magnetic fields, Atmospheres, and the Connection to Habitability

Student will support deadlines for EdEon's MACH grant-funded projects, specifically on websites and with scientific data converted for spherical displays for team and public learning modules. Student hire also supports our core mission to include students in our research and development projects, make student hiring vital to complete on our grant-funded work.

“Do habitable worlds require magnetic fields?” – This simple six-word question poses a relevant and timely challenge for the field of Heliophysics, and has the potential to engage both laypeople and experts. The Magnetic fields, Atmospheres, and the Connection to Habitability (MACH) DRIVE Science Center (DSC) will determine whether a global magnetic field is essential for a planet to retain a habitable atmosphere. Atmospheric escape occurs via several physical processes; our Phase I effort is focused on constructing tools to evaluate the influence of a global dipole field on the escape of charged particles, with emphasis on the terrestrial planets Venus, Earth, and Mars.

This student would be able to do this work remotely at home, and would currently have home-based technological solutions and space at home. Our team has a process for safely getting new technologies to team members when needed.

MINIMUM QUALIFICATIONS

The ability to learn and perform assigned work; work cooperatively with faculty, staff, and other student; 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.

HIRING CRITERIA

Undergraduate student with coursework in STEM. The student must have excellent oral and written communications skills, as well as the ability to analyze evaluation data. A GPA of at least 3.0 is required for this position.

HOW TO APPLY

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

Send resume to: Juanita Tenorio at tenorior@sonoma.edu

HIRING NOTIFICATION

After interviews, students will receive a phone call at the end of the interview week. Contact Juanita Tenorio at tenorior@sonoma.edu if you have any questions or concerns.

SUPERVISOR

Supervisor: Laura Peticolas peticola@sonoma.edu

Academic Coordinators:

Juanita Tenorio Ruiz tenorior@sonoma.edu

Aline Fromme frommea@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.

SONOMA STATE UNIVERSITY

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