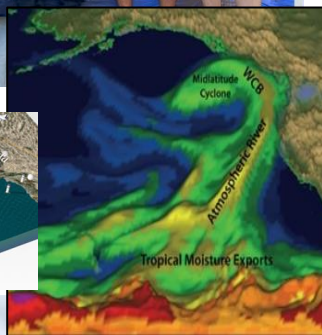




# Center for Western Weather and Water Extremes Undergraduate Summer Internship Program

Interested in honing your research skills while working on cutting-edge water cycle science? Our summer internship program provides paid summer research opportunities to undergraduate students on projects regarding U.S. West Coast weather phenomena such as atmospheric rivers. You will be mentored by our own senior graduate students and research scholars and develop collaborative research skills.



## Program Details

### Timeline:

June 24 – August 23, 2024 (CA Interns)

June 17 - August 16, 2024 (CO Interns)

Compensation: \$20/hr for 35-40 hrs/wk

### Expectations:

- In-person attendance. Dormitory housing on the UC San Diego campus will be provided.
- Student will receive a guided introduction to the research process and develop skills in reading scientific literature, exploring datasets, and developing research questions, with mentors.
- Students will give a 15-minute presentation of their project at the end of their internship.

## Potential Project Topics

- 1) On the use of data-driven weather models for meteorological forecasting
- 2) Future Projections of ARs and Precipitation in Select California Watersheds
- 3) Scientific Software Development for Statistical Learning
- 4) Monitoring Soil Moisture in the Yampa River Basin, Colorado
- 5) Exploring Soil Moisture Variability Across a Landscape
- 6) Impacts of 2024 Atmospheric River Reconnaissance observations on NCEP GFS
- 7) Applying Principles of Environmental Justice to Forecast Informed Reservoir Operations



**2024 Applications CLOSED.**  
**Applications will re-open for**  
**Summer 2025 in late 2024**

**Undergraduates from all**  
**universities are eligible to apply!**

For further information or  
questions about the program,  
please contact:  
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