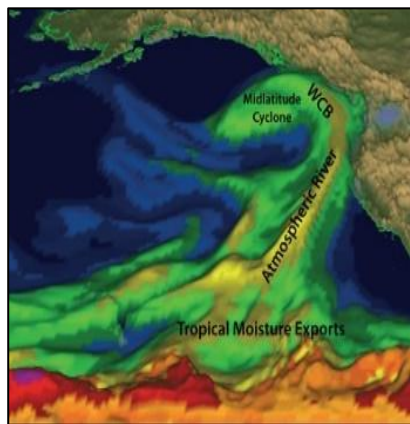


Center for Western Weather and Water Extremes 2025 Undergraduate Summer Internship Program

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 21 - Aug. 23 (tentative)

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) Improving statistical and machine learning forecasts, verification products, and related HPC & data workflows for next Near-Real-Time forecast season
- 2) Exploring seasonal shifts in atmospheric rivers in future climate
- 3) monitoring climate and soil moisture in the Upper Yampa River Basin, Colorado
- 4) Evaluation of artificial intelligence weather models for forecasting atmospheric rivers over Antarctica
- 5) Data impact study of Atmospheric River Reconnaissance 2025

Application Deadline: Jan 15, 2025



Applications are now open
<https://cw3e.ucsd.edu/cw3e-internship-program>

Undergraduates are invited to apply!

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