**SAMPLE INTERNSHIP DESCRIPTIONS**

Meteorologists and Atmospheric and Space Scientists

**San Diego, California, United States**

**50 - 100 employees**

**Research industry**

**Public company**

**$18.00-18.00 per hour**

**Paid**

**Center for Western Weather and Water Extremes (CW3E) 2023 Summer Internship Program**

Scripps Institution of Oceanography, UC San Diego

<https://cw3e.ucsd.edu/cw3e-internship-program/>

Interested in developing your research skills while working on cutting-edge water cycle science? Our summer internship program provides summer research opportunities to undergraduate students on projects regarding U.S. West Coast weather phenomena such as atmospheric rivers, hands-on field science, and the impacts of climate change. In addition to research, the CW3E Summer Internship offers professional development programming designed to help prepare our interns for whatever lies beyond their undergraduate experience. No prior research experience is required, so all undergraduate students with an interest in CW3E's research areas are invited to apply!

Our paid 9-week program is expected to run from June 20th to August 18th, 2023 (exact dates are tentative). Interns can expect to be paid $18/hour for 35-40 hours/week during the 9 week period. In addition, paid dormitory housing will be provided on the UC San Diego campus. Other costs, including food, parking, and travel to and from San Diego, will not be reimbursed and are the responsibility of the intern.

For more details about the 2023 CW3E Summer Internship Program, please visit [our webpage](https://cw3e.ucsd.edu/cw3e-internship-program/). To apply, [click here](https://docs.google.com/forms/d/1NUKRnwNtO53IRHiR4kn-4raDNKFozaHFazjuF0fwZzA/viewform?edit_requested=true).

The last day to submit applications is Feb 12th. Applicants can expect to hear back by the end of March.

**Please note**: you must apply through our external application form to be considered. Applications/messages submitted solely through Handshake will not be reviewed.

Please contact Weiming Hu for additional information at [weiminghu@ucsd.edu](mailto:weiminghu@ucsd.edu).

**DURATION**

Temporary / Seasonal

**JOB FUNCTIONS**

Advertising, Media & PR, Other

**JOB ROLES**

Meteorologists and Atmospheric and Space Scientists

**CENTER FOR WESTERN WEATHER AND WATER EXTREMES (CW3E) AT SCRIPPS INSTITUTION OF OCEANOGRAPHY, UC SAN DIEGO**

CW3E provides 21st Century water cycle science, technology and outreach to support effective policies and practices that address the impacts of extreme weather and water events on the environment, people and the economy of Western North America.

Qualifications

**ALLOWED SCHOOL YEARS**

Freshman, Sophomore, Junior, Senior

**ALLOWED MAJORS**

All majors allowed

**WORK AUTHORIZATION REQUIREMENTS**

US work authorization is required, but the employer is accepting OPT/CPT candidates

Biologists

**Poplarville, Mississippi, United States**

**5,000 - 10,000 employees**

**Government - Local, State & Federal industry**

**Government company**

**$15.50 per hour**

**Paid**

* Help with daily lab and greenhouse duties (e.g. tissue culture/media/solutions; transfer cultures); data collection/entry; flow cytometry; DNA extraction; microscopy; hybridization).
* Computer skills (Word, PowerPoint, Excel).
* Must be able to follow directions and safety guidelines; willing to learn; willing to work in group and independently; dependable.

About USDA and HACU

For the past 27 years, USDA has partnered with HACU to provide internship opportunities for hundreds of undergraduate and graduate students. These internships provide valuable professional experience for students while also exposing students to the important work that is done at USDA. The students also make significant contributions to the sub-agencies.

This partnership with HACU represents a larger USDA strategy aimed at ensuring a diverse, prepared, and competitive workforce that is vital to establishing a sustainable agricultural future. As a result of their positive internship experiences and supportive and inclusive culture at USDA, many former HACU students are now members of the USDA permanent workforce.

**Qualifications:**

* Seeking Undergraduate or Graduate Student
* Preferred Majors: Any Science Major
* Desired Skill: Computer Skills, willing to learn, willing to follow directions

#### DURATION

Temporary / Seasonal

#### CONTACTS

[Cindy Parrett](https://app.joinhandshake.com/edu/jobs/7375456#show-contact)

#### JOB FUNCTIONS

Lab Work/Science, Research

#### JOB ROLES

Biologists

#### AGRICULTURAL RESEARCH SERVICE

The Agricultural Research Service (ARS) is the U.S. Department of Agriculture's chief scientific in-house research agency. Our focus is finding solutions to agricultural problems that affect Americans every day from field to table. With 90+ research locations including overseas laboratories, ARS employs research scientists, postdoctoral research associates, support scientists and research technicians, as well as non-scientific positions in business administration, marketing & communications, computer & information science, engineering, economics, accounting & finance, and biological sciences. Explore our cutting-edge scientific discoveries made by ARS scientists focused on finding innovative solutions to our planet’s biggest challenges: https://scientificdiscoveries.ars.usda.gov/explore-our-discoveries/.

### Qualifications

#### ALLOWED SCHOOL YEARS

Sophomore, Junior, Senior, Masters, Doctorate, Postdoctoral Studies, Second Year Community / Technical College

#### ALLOWED MAJORS

All Agriculture, Ecology, Physiological Science, Molecular Biology, Agriculture Public Services, Landscape & Nursery, Botany/Plant Biology, Biochemistry, Agricultural Production Operations, Genetics, Agronomy, Plant Sciences/Horticulture, Marine Biology, Immunology, Animal Science, Cell Biology, Epidemiology, Biotechnology, Soil Science, Microbiology, Food Science, Zoology, and Biology majors

#### WORK AUTHORIZATION REQUIREMENTS

US work authorization is required

Environmental Engineers

**Junction City, Oregon, United States**

**100 - 250 employees**

**Environmental Services industry**

**Private company**

**$1,500 per month**

**Paid**

# **GIS Intern**

**Expected Dates:**March 6, 2023, to March 3, 2024

**Site:**Willamette Valley Project

**Position ID:**PO-00734764

GIS Intern working in the Environmental Stewardship section of the Willamette Valley Project (WVP) for the Army Corps of Engineers. WVP is a major water resource project responsible for operating 13 dams and managing natural resources and recreation in the lakes and surrounding lands. We manage nearly 50,000 acres in the Willamette, McKenzie, and Santiam watersheds. The Environmental Stewardship section is known for community partnerships in natural resource preservation and restoration.

Primary duties include data acquisition, data management, natural resource GIS mapping, and field GPS data collection. Data analysis for projects related to cultural and historic resources, Master Plan development, threatened and endangered plants and wildlife, invasive plants, habitat restoration, easements, land ownership, and hydrology. Additional duties may include field support of other natural resources programs such as botany, wildlife biology, cultural resources monitoring, boundary surveys, and park operations.

Compensation amounts:

- $375 - weekly living allowance

- $40 weekly commuting allowance

- $950 - monthly housing allowance (12 months of housing)

- $2,500 duty travel reimbursement + one-time UP TO $650\* reimbursable (to/from site travel for selected candidates outside the Eugene/Springfield area)

- Monthly Health insurance (optional for 12 months)

- AmeriCorps eligible ($6,495 education award for 1700 hours of service & completion of internship)

\*Internship positions with the US Army Corps of Engineers will receive the travel allowance as a reimbursable amount, reﬂecting the actual costs based upon distance (mileage) traveled and current federal per diem rates. Interns are required to submit an expense report to SCA with documented round-trip travel costs for reimbursement. The requested reimbursement amount is capped at $650.

\*All allowances subject to applicable federal, state, and local taxes

\*For SCA’s COVID-19 guidance, please refer to [www.thesca.org/covid](https://www.thesca.org/sca-covid-19-policies-and-procedures)

* Location Description
* Oﬃce is located on the north end of Fern Ridge Reservoir, about 13 miles west of Eugene, OR. Oﬃce address is 26275 Clear Lake Rd, Junction City, OR 97448. Fieldwork is concentrated at 8 of 13 lakes in the Willamette Valley, but day travel to all lakes may be possible.
* Training Provided
* Online ESRI ArcGIS training, local GIS workshops, other online classes or offsite training for natural resources, and first aid/CPR training. Additional on-the-job training in natural/cultural resources field monitoring methods.
* Educational/Recreational Opportunities
* There are numerous recreational opportunities in the area, including hiking, camping, bicycling, boating, fishing, and rafting. Just over a 1-hour drive to either the Cascade Mountains or the Pacific Coast.
* Handicap Accessible?
* No

**Main Area of Focus:**Geographic Info Systems (GIS, includes GPS)

**Education, Training & Skills Expected**

Biology - degree minor or extensive experience

Earth Sciences - degree minor or extensive experience

Resource Management - degree minor or extensive experience

Computer Science - competent without supervision

Customer Service - some experience

Data Entry - some experience

GIS - competent without supervision

GPS - competent without supervision

#### DURATION

Temporary / Seasonal

#### CONTACTS

[Jamila Jackson](https://app.joinhandshake.com/edu/jobs/7364566#show-contact)

#### JOB FUNCTIONS

Engineering - Civil / Mechanical / Other, Other

#### JOB ROLES

Environmental Engineers

#### THE STUDENT CONSERVATION ASSOCIATION

Founded in 1957, the Student Conservation Association, Inc., is a national nonprofit organization that advocates for the environment. SCA leads the nation in providing conservation service opportunities, outdoor skills and leadership training. Every year, in all 50 states, thousands of high school, college, graduate students and others join the association to work for national parks and forests, historic and cultural resources, and urban green spaces. SCA’s mission is to build the next generation of conservation leaders and inspire lifelong stewardship of the environment and communities by engaging young people in hands-on service to the land.

### Qualifications

#### ALLOWED SCHOOL YEARS

Senior, Masters, Alumni

#### ALLOWED MAJORS

All Ecology, Conservation, Environmental Management & Sciences, Landscape & Nursery, Botany/Plant Biology, Biochemistry, Plant Sciences/Horticulture, Animal Science, Fisheries & Wildlife, Geology/Mining, Soil Science, Natural Resource Management, Earth Sciences, Forestry, Zoology, and Biology majors

#### WORK AUTHORIZATION REQUIREMENTS

US work authorization is required