



Internship job description/posting.

Job Title: Restoration and Education Intern

Stipend: \$19/hour

Start date: June 2 (some flexibility) **End date:** Aug. 15 (some flexibility)

Application Deadline: March 14

Time commitment: 10 weeks, 30-35 hours per week (330 hours total)

Job Type: Internship

Location: Charleston, Oregon

Department: South Slough National Estuarine Research Reserve

Internship Overview:

The *Restoration and Education Intern* will support the South Slough Reserve's Science and Education Programs. The intern will be based out of the Estuarine and Coastal Science Lab on the Oregon Institute of Marine Biology campus (University of Oregon's marine station). The intern will spend approximately half of their time helping with restoration implementation and monitoring. The intern will work closely with the Reserve Science and stewardship staff to understand effectiveness of wetland restoration by comparing characteristics of a recently restored wetland site to a less disturbed reference wetland. The intern will work closely with the Reserve science staff to collect vegetation, hydrology, stream habitat, stream temperature, surface elevation, soil carbon, soil accretion, and vertical elevation data at restoration and reference wetland sites within the estuary. They will also assist in maintaining ongoing restoration efforts within the newly restored wetland by building beaver dam analogs, removing invasive species, servicing wildlife cameras and other monitoring equipment, and other related activities in the wetlands and forested uplands in the restoration watershed.

The other half of the intern's time will be spent assisting with the Reserve's education team to deliver summer science camps and other education and outreach programs. The Reserve offers day camps for children ages 5-18, generally every other week throughout the summer. The intern will assist education staff and other interns with the planning and delivery of these camps. They may identify or create lessons themselves or opt to support and lead activities designed or demonstrated by Reserve educators.

From this internship, the student will gain experience in field, laboratory, and professional office settings. The intern will gain knowledge of a variety of field equipment and techniques related to wetland monitoring and restoration including groundwater level instruments, Real-Time Kinematic (RTK) GPS, leveling elevation surveys, wildlife camera traps, and temperature and humidity loggers. The intern will also gain experience in databases, data management, post-processing of GPS data, and creation of visual summaries. The intern will build a greater understanding of estuaries and coastal ecosystems and recognize the value of these places. The intern will develop valuable skills in science communication for diverse audiences and learn best practices for connecting with different ages of children, leading lessons, and maintaining a safe and welcoming environment. The intern will have opportunities to participate in other Reserve science projects as well as education and outreach programs as time permits.

Duties & Responsibilities:

- Drive to and from site locations using 4WD work trucks.



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- Transport children in 12-passenger vans.
- Hike to wetland and forest sites through rough, uneven terrain while carrying heavy and awkward equipment.
- Spend multiple hours in the field collecting scientific data.
- Enter data into an Access database and QA/QC data after it has been entered.
- Download & post-process data from data-collection instruments.
- Set up and attend to static GPS occupations.
- Use GPS to navigate to locations.
- Maintain a safe and appropriate science camp environment for children.
- Attend camp planning meetings and take responsibility for camp tasks each day.
- Understand and share the Reserve's priorities, mission and work to education audiences.
- Work both independently and collaboratively in groups.
- Work with other science and education staff and interns as time permits.
- Present summer experiences to Reserve staff at end of internship.

Working Conditions:

Intern workdays will be Monday through Friday. The intern's work base will be Oregon Institute of Marine Biology campus (Charleston, OR). The primary location for summer science camps will be the South Slough Visitor Center.

The intern will spend about 40% of their time preparing for, implementing, and cleaning up after field outings. Field work will often require wearing Reserve-issued waders and wader boots. Another 40% of the intern's time will be preparing for, delivering, and cleaning up from science day camps. The remainder of the time (20%) will be office and lab work including entering data, downloading data collection instruments, maintaining field gear, and analyzing data.

Both science restoration and summer education schedules have a great deal of variability. Interns can expect start or end times to vary depending on things like tides, weather and availability of collaborators or equipment. Plans may also be subject to last-minute changes.

Additional Information:

Limited free housing is available at visiting researcher accommodations within the Reserve, about 10 minutes' drive away from place of work. Charleston, OR is a rural setting with very limited public transportation options; therefore, having a personal vehicle is highly recommended, especially if staying at the housing within the Reserve. Interns with their own vehicles will have an easier time exploring the area and getting to town to access services (e.g., laundry, grocery).

Agency vehicles are available to interns for work use only and a valid driver's license and the ability to drive is required.

Pre-employment Checks:

This position requires successfully passing a criminal record check, which will require a fingerprint-based records check, as a condition of employment.

If you are the successful candidate, you must present your I-9 acceptable documents for employment verification.

Oregon Department of State Lands



State of Oregon Internship program



South Slough Reserve Division

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The Oregon Department of State Lands is committed to seeking and sustaining a culturally, racially, ethnically, and linguistically diverse working environment. We are dedicated to hiring and retaining a diverse staff that blends expertise and interest in supporting environmental justice to include minority and low-income communities, tribal communities, and other communities traditionally underrepresented in public processes. The Oregon Department of State Lands understands that an authentic focus on equity, diversity, and inclusion in the workplace will in turn create an engaged and talented workforce devoted to creating a better Oregon through sound stewardship of lands, wetlands, waterways, and the Common School Fund.