OSU Undergraduate Restoration Effectiveness Monitoring Internship

Please note this internship is offered through a collaborative agreement with Oregon State University and enrolled OSU students receive priority to be selected for the internship.

Internship Summary:
The restoration and monitoring intern will work closely with UDWC staff to assist with implementing and reporting on restoration effectiveness monitoring on Whychus Creek and the Deschutes River. The intern will be involved with all aspects of UDWC monitoring and reporting, including water quality monitoring on Whychus Creek and the Deschutes River, macroinvertebrate monitoring on Whychus Creek, project-specific monitoring on major stream channel and floodplain restoration projects on Whychus Creek, and other monitoring efforts on streams within the Upper Deschutes subbasin. The intern will have opportunities to: interface with restoration practitioners, natural resource managers, and researchers; develop extensive familiarity with the practice of stream restoration including Stage 0 restoration; implement a variety of sampling protocols; perform descriptive data analysis and develop science writing skills; and attend planning and communication meetings relevant to watershed restoration and monitoring. The internship schedule will average 10-20 hours per week from April through November, with at least four 8- to 10-hour days required per month.

Internship Dates: April 20 – November 20, 2020

General Responsibilities (to include, but not limited to):

- Implementing continuous temperature monitoring on Whychus Creek and the Deschutes River (~45%), including:
  - Auditing temperature dataloggers monthly
  - Maintaining field audit log and notes
  - Retrieving and auditing dataloggers post-deployment
  - Uploading and formatting temperature data for analysis
- Field data collection and analysis and reporting tasks for Whychus Creek stream restoration projects (~40%), including:
  - Conducting groundwater well monitoring monthly
  - Assisting UDWC monitoring program manager and other UDWC staff and interns with monitoring data collection on four Whychus Creek stream restoration projects
- Assisting monitoring program manager with Whychus Creek macroinvertebrate monitoring preparation and sampling (~10%)
- General assistance on other Watershed Council restoration projects and administrative duties (~5%), including:
  - Participating in visits to restoration and monitoring sites with monitoring coordinator and other staff.
  - Participating in additional monitoring-related efforts as needed or desired.
Qualifications:

1. Enrolled student at OSU-Cascades
2. General working knowledge of concepts in watershed management and restoration, including stream restoration and ecology
3. Superior written and oral communication skills
4. Ability to work independently in a variety of outdoor conditions, including rugged terrain and inclement weather;
5. Computer proficiency, especially word processing, spreadsheets, and data management functions;
6. Willingness to work occasional evenings and weekends as necessary;
7. Safe, competent, insured driver;
8. Ability to commit to the full term of service for which they are applying, including four full days of field work per month; and
9. Regular and reliable attendance.

Intern Benefits Include:

The Watershed Council is committed to crafting this position into a significant learning experience for the selected applicant. The intern will receive first-hand experience in restoration, monitoring, data analysis and reporting as well as opportunities to network with scientists and natural resource management professionals in the community. In addition to gaining valuable hands-on experience in restoration and monitoring, the Watershed Council intern will receive a reimbursement for education-related expenses up to $2400.

The selected intern may be eligible to enroll for graded academic credit through OSU-Cascades. Applicants should meet with their academic advisor to determine if this credit will meet the needs of their degree program. The available NR 410 Internship can be enrolled for up to 4 credits for this internship for use in the Natural Resources Program at OSU-Cascades. To receive credit for the internship, the selected intern must 1) have an approved academic plan, and 2) coordinate with the OSU-Cascades Natural Resources internship coordinator to enroll in NR 410 prior to the start of the internship. Enrollment in NR 410 to receive academic credit for the internship will NOT be approved after the start of the internship.

Questions about the internship? Contact:
Lauren Mork, Monitoring Program Manager, (541) 382-6103 x39, lmork@restorethedeschutes.org

Submit a cover letter and resume electronically to Lauren Mork, lmork@restorethedeschutes.org.