



Environmental Science Intern for Water Quality Monitoring

Job Description

The Environmental Science Intern will work on the Duck Creek Nancy Street Wetland Monitoring Project, funded by an Alaska Clean Waters Action Grant through the Alaska Department of Environmental Conservation. The purpose of this project is to evaluate the effectiveness of the Nancy Street Wetland in improving water quality on Duck Creek, an impaired waterbody.

This project is a collaborative effort between the Southeast Alaska Watershed Coalition (SAWC), the Juneau Watershed Partnership (JWP), and the University of Alaska Southeast (UAS) Environmental Science Department, and provides a UAS student an opportunity to gain experience in water quality sampling and analysis.

This position will require both field and laboratory work under the supervision of the JWP Project Coordinator and UAS Environmental Science Faculty. Sampling events will occur twice per month from April to October 2017, and laboratory analysis will be completed at the UAS laboratory within appropriate sample holding times.

To learn more about the Duck Creek Nancy Street Wetland Monitoring Project, please visit the project website at: <http://www.juneauwatersheds.org/programs/wetland.html>

The Environmental Science Intern is a temporary position from April 1, 2017 to November 15, 2017, requiring an estimated 176 hours for field and lab work. Work from July to November 2017 is contingent on 2nd year grant funding. Please note that this project is a high priority and 2nd year funding is highly probable.

Responsibilities

The Environmental Science Intern will be responsible for collecting and analyzing water quality samples. Work must be completed in accordance with approved sampling and analytical protocols. This includes:

- Participating in a protocol training
- Monitoring water quality parameters (discharge, pH, water temperature, conductivity, dissolved oxygen) using field equipment
- Collecting and analyzing grab samples for total suspended solids (TSS) and dissolved iron
- Calibrating field and lab equipment
- Entering data into Excel spreadsheets

Qualifications

Minimum qualifications

- Must be currently enrolled in a UAS Bachelor's program in Environmental Science, Biology, or Marine Biology



Knowledge, Skills, Abilities

- Able to work in the field in inclement weather
- Able to work independently and as part of a team
- Strong organizational and time management skills
- Effective communication skills
- Competency in MS Word, Excel

Compensation

Total stipend of \$1,125.00; of which \$570.00 will be paid in May 2017 and \$555 in August 2017 pending final approval of 2nd year grant funding. Please note that this project is a high priority and 2nd year funding is highly probable.

Required Application Information

- Proof of enrollment at UAS and unofficial transcripts demonstrating the minimum qualifications have been met.
- A professional cover letter that expresses your interest in the position and highlights any work experience and strengths related to the listed knowledge, skills, and abilities of the job description.
- A list of two to three professional references, one of which must be a UAS Environmental Science or Biology faculty member.
- A resume.

Application Deadline

March 1, 2017

Contact Information

Please email the required application information by the deadline to:

Amy Sumner, JWP Project Coordinator

juneauwatersheds@gmail.com

907-723-4969 (personal cell)