Research Internship Opportunity

Environmental Monitoring at the Center for Urban Waters

Have you ever taken apart a household appliance to see how it works?

The University of Washington Tacoma at the Center for Urban Waters is offering a great opportunity for a UWT student looking for hands on research experience. We are looking for a student who is interested in the application of technology to environmental research to help us build and operate a network of sensors in and around the Center for Urban Waters. You must be willing to spend 4 hours/week during the Winter and Spring quarters. Experience with electronics and basic programming a plus. Depending on your major, you may earn research credit for this experience, and there is a potential for this internship to grow into a paid position. You will be mentored by Dr. Joel Baker and the CUW research staff.

Project Description

Program, install, and maintain scientific-grade environmental monitoring equipment. Systems to be monitored include a meteorological station, green roof components, and a water quality monitoring station in the Thea Foss waterway (from dock at Urban Waters). The monitoring systems are based on Campbell Scientific dataloggers and sensors. One key component of the system is the start-up and installation of advanced particles size analysis instruments. Create system to stream data to Internet sites such as WeatherUnderground, WeatherBug, or custom interfaces.

To apply

Please send a short letter of interest that describes your experience and why you are interested in this position to Kurt Marx, marx@uw.edu by November 15th.

Schedule: we anticipate selecting an individual during November/December to be able to start winter quarter January 2015.

Note: Our research group is based at the Center for Urban Waters in Tacoma, not on the UW Tacoma campus. Students are responsible for their own transportation to and from Urban Waters.