Paid Summer Internship

Job Title: Field Research Assistant

Compensation: $8.15 per hour plus room and board (valued at $2500)

Dates: June 25- August 17, 2018

Internship Description:

• This intern will be working with FLBS personnel to: gain experience in processing hydrologic and meteorological data in an effort to analyze and scale pristine, long-term data collected in an environmentally rich riverine ecosystem, located at the Nyack Floodplain on the Wild and Scenic Middle Fork Flathead River in Northwest Montana. The primary daily task will be processing long term sensor data under a standard operating procedure, ensuring the database will be clean and scalable for future integration. This activity will account for 50% of the total project demand.

This project requires the maintenance of the network at both the FLBS host-site and the remote sites on the Nyack Floodplain. Sensor maintenance includes monthly visits to the remote sites for sensor calibration, site maintenance (bio-foul removal/collection, moisture control, data transfer) and network troubleshooting. This activity will account for 30% of the total project time demand. Data analysis will take up 15% of the total project demand time. A presentation on the completed work will be given at the end of the summer session along with the other interns, consisting of 5% of project demand time.

• The internship will provide opportunities to: learn how to work with data-loggers and sensors for remote data collection, analyze long term data, learn about floodplain ecology, network with future colleagues and be a part of a robust, long term study; all while experiencing an outdoor adventure located between Glacier National Park and the Great Bear Wilderness! This internship can also provide opportunities for future collaboration between the student and the FLBS, as future work building upon the current data is a promising realm for student study.

Qualifications:

• Must be a continuing undergraduate student
• Minimum requirements include the completion of at least 4 total semesters in biology, chemistry, environmental science, or equivalent including laboratory instruction.

How to Apply (application deadline: March 11, 2018)

UM students: use Handshake, search for Flathead Lake Biological Station
Non-UM students send a cover letter, resume, and contact information for 3 references to Linda.Nitz@flbs.umt.edu