FLATHEAD LAKE BIO STATION
UNIVERSITY OF MONTANA

UNIVERSITY OF MONTANA

32125 Bio Station Ln Polson, Montana, U.S.A. 59860
(406) 872-4500
http://flbs.umt.edu

Paid Summer Internship (40 hours per week)

Job Title: Aquatic Ecology Lab and Field Internship
Compensation: $10.00 per hour plus room and board (valued at $2700)
Dates: June 19- August 11, 2023
Internship Description:

- This intern will be working with Dr. Rachel Malison on stream ecology projects in western Montana to understand the effects of warming temperatures on aquatic invertebrates. Primarily, the intern will assist with laboratory experiments exploring physiological responses of aquifer stoneflies to different combinations of temperature and oxygen. To do this work the intern will be trained to collect samples in the field, as well as to pick, sort and identify aquatic macroinvertebrates. The intern will assist with all aspects of lab experiments, including setting up experimental equipment, checking survival during experiments, and learning how to measure response variables (including measurements of critical thermal maxima (CTmax) and metabolic rates). The internship will take place at FLBS and the field component will take place near Glacier National Park. Other duties may also include data entry and experience with other laboratory and field projects.
- The internship will provide opportunities to gain valuable knowledge of stream and floodplain ecology. The intern will learn macroinvertebrate sampling techniques, including the collection of benthic surber samples and pumping of aquifer wells. The intern will also learn how to sort samples and identify nymph and adult aquatic macroinvertebrates. The position will allow the intern to gain necessary skills in the lab including data entry and management.
- The intern will have the opportunity to experience other research efforts and meet other students, researchers and professionals, as well as attend Bio Station seminars and experience other research projects.

Qualifications:

- Must be a continuing undergraduate student
- Applicants should be mature, hardworking individuals with good organizational skills and attention to detail.
- Applicant should work well as part of a team, have a positive attitude, and a desire to learn.
- Applicants should be capable of hiking in rough terrain and wading in streams, as well as be comfortable conducting fieldwork regardless of the weather.
- Applicants must be comfortable carrying bear spray and willing to follow bear safety protocol when in the field.
- Previous lab experience and experience identifying macroinvertebrates is desirable but not required.
- Applicant must also have a driver's license and be able to drive.

How to Apply (application deadline: Feb 26, 2023):
UM students: use Handshake; search for Flathead Lake Biological Station
Non-UM students: send a cover letter, resume, and contact information for two references to Monica Elser at monica.elser@flbs.umt.edu