



Paid Summer Internship (40 hours per week)

Job Title: Aquatic Ecology Field and Lab Assistant

Compensation: \$8.50 per hour plus room and board (valued at \$2500)

Dates: June 24- August 16, 2019

Internship Description:

- This intern will be working with FLBS personnel to conduct a combination of field and lab studies of floodplain biodiversity in the middle fork, north fork, and main flathead rivers, focusing on river and aquifer stoneflies.
- This intern would likely meet and work briefly with conservation biologists from multiple agencies (e.g., USGS, FWP, NPS, USFS), graduate students, and visiting scientists.
- This internship will provide a student with the opportunity to gain valuable field and lab experience in aquatic ecology and conservation biology, and connect with professionals working in these fields (e.g. from USGS, Glacier National Park). The intern will work throughout the summer on field and lab components of a project studying stoneflies in floodplains in the Flathead River, including in streams near or in Glacier National Park. The intern will gain valuable knowledge of river ecology and floodplain biodiversity, with a strong focus on aquatic macroinvertebrates. The position will include driving to distant field sites to conduct kick-net sampling in the river channel and also pumping wells to sample from the aquifer below the floodplain at multiple study sites. The position will also include assistance with respirometry studies investigating the tolerance of different stonefly species to warming temperatures. Other training and tasks in the field and lab are likely (e.g. training in insect identification and taxonomy, data entry).

Qualifications:

- Completion of at least 4 total semesters in biology, chemistry, environmental science, or equivalent
- Applicants should be mature, hardworking individuals with good organizational skills and attention to detail. They should work well as part of a team, and have a positive attitude, a desire to learn, and a good sense of humor.
- Applicants should be in good health and be capable of hiking in rough terrain through thick vegetation and river rafting.

- Applicants should have experience wading in swift currents over slippery rocks. They should also be comfortable using their hands in cold water for extended periods of time.
- Applicants should have experience driving (ideally a 4 x 4 on off-road or back-country conditions) and need to be willing to drive an 8 ft bed, 4-door pickup truck.
- Applicants should be comfortable working in inclement weather. Mosquitoes can be persistent through parts of the field season, and fieldwork will be conducted in bear country.
- Applicants must be comfortable carrying bear spray, willing to follow bear safety protocol, and able to split their time between lodging at the biological station and the field camp on the Middle Fork of the Flathead River.
- Applicants must be a continuing undergraduate student

How to Apply (application deadline: March 1, 2019):

UM students: use Handshake; search for Flathead Lake Biological Station

Non-UM students: send a cover letter (include in your cover letter any experience with aquatic ecology, field work, or taxonomy. Also include a statement of career goals), resume including contact information for one or two reference to Monica Elser monica.elser@flbs.umt.edu