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 Invasive Species Early Detection and Risk Assessment Intern

Compensation: $10.30 per hour plus room and board (valued at $3000)

Dates: June 17- August 9, 2024

Internship Description:

- The intern will assist FLBS personnel with:
  - Develop a GIS risk assessment model of Aquatic Invasive Species (AIS) introduction via boat traffic in and around the Crown of the Continent Ecosystem. This intern will expand upon a successful pilot project focusing on Western Montana to include datasets from Alberta and British Columbia, and categorizing introduction risk based on boater traffic, social pressure, propagule pressure, and other abiotic factors.
  - The intern will assist with the early detection surveillance of AIS at 31 sites on Flathead Lake from the shore and boat for eDNA and microscopy analysis.
  - The intern will also conduct opportunistic education outreach on AIS as needed.
- The internship will provide opportunities to:
  - The successful candidate will have the opportunity to learn and/or hone their GIS skills to solve real world problems; to work alongside and network with multiple state, federal, and tribal agencies; to engage in high profile conservation projects; to attend trainings to learn about environmental DNA and its application for AIS detection; and to spend the best part of the summer on the iconic Flathead Lake at the beautiful Flathead Lake Biological Station.

Qualifications:

- Must be a continuing undergraduate student
- Working knowledge of GIS preferred
- Enjoys doing fieldwork, especially in aquatic ecosystems
- Positive attitude about learning conservation-related skills

How to Apply (application deadline: Feb 28, 2024):
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