Paid Summer Internship (40 hours per week)

Job Title: Computer Science/GIS intern

Compensation: $8.65 per hour plus room and board (valued at $2500)

Dates: June 22- August 14, 2020

Internship Description:

- This internship will involve using basic GIS skills (editing, processing, and analyzing spatial data). In addition the intern will have the opportunity to analyze large spatial data within the Google Earth Engine Explorer Tool to investigate how channel morphology changes over time in the Pacific Northwest/Alaska. The applicate should be familiar with GIS and spatial analysis.
  - Knowledge of Google Earth Engine, python, and/or R is a plus.
  - Knowledge of Unmanned Aerial Systems (UAS) and processing software is also encouraged (PIX4d, Agisoft PhotoScan).
- Through this internship, the applicant will be integral to our team by improving the ease and efficiency of serving spatial data to the greater environmental community through web GIS/tools. The applicant will be gain valuable experience in the GIS and have the opportunity to perform spatial analysis in Google Earth Engine. In addition, the applicant will have the opportunity to also work with FLBS ecologist to further enhance our long term spatial database on local rivers.

Qualifications:

- Knowledge of GIS (ArcGIS or ArcPro) and/or Google Earth Engine
- Knowledge of Python and Javascript
- Knowledge of UAS and UAS applications is preferred
- Must be a continuing undergraduate student

How to Apply (application deadline: Feb 28, 2020):

UM students: use Handshake; search for Flathead Lake Biological Station
Non-UM students: send a cover letter, resume, list of GIS/RS courses taken to Monica Elser at monica.elser@flbs.umt.edu