



**FLATHEAD LAKE  
BIO STATION**  
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:** Google Earth Engine Intern

**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 FLBS personnel to assist in development of models for predicting thermal stream temperatures using MODIS and Landsat data using Google Earth Engine. The intern will also assist in developing web mapping applications for the thermal model results using the Google Earth Engine platform.
- The internship will provide opportunities to: use their GIS/RS/computer science knowledge to help model thermal diversity along the Kuskokwim river in Alaska. This internship will provide the student an opportunity to couple field data (temperature loggers) with remote sensing data to assess the thermal diversity of Alaska river as it relates to salmon productivity. The intern will work closely with FLBS scientists to help assist in development of these models.

#### **Qualifications:**

- Must be a continuing undergraduate student
- Intern should have experience working within the Google Earth Engine platform.
- Experience with GIS/Remote Sensing or Computer science is a plus.

#### **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](mailto:monica.elser@flbs.umt.edu)