Student Assistant C- University of Alaska Fairbanks

Agency: University of Alaska Fairbanks, Institute of Arctic Biology

Location: Fairbanks, AK

Job Category: Temporary, 10 hr/week

Salary: $10.50-$13/hr DOE

Start Date: January 2021

Website: https://uaf-ffel.weebly.com/

Description: The Freshwater Fish Ecology Lab (FFEL) at University of Alaska Fairbanks, Institute of Arctic Biology is seeking two undergraduate students to assist with wildfire ecology research using Geographic Information Systems (GIS) for a study investigating relationships between landscape factors and wildfire history that predict beaver activity in a boreal ecosystem.

This position will start in January and continue through the end of April. Work hours are flexible after training is complete.

Duties: The primary duties include locating and enumerating beaver dams with satellite imagery in ArcGIS in four river drainages in interior Alaska. This will include searching numerous sub-catchments for beaver activity, creating point, line and polygon vectors to georeference beaver dams and enumerate wetted area, and following a standardized protocol to maintain consistency.

Qualifications: The ideal candidate will be self-motivated, detail oriented, willing to communicate, interested in wildfire/terrestrial/aquatic ecology, and able to work independently. GIS experience is preferred but not required. Undergraduates in the Fisheries, Wildlife, Natural Resource Management, GIS, and related programs are encouraged to apply.

For Questions and to Apply: Send cover letter, resume, and three references to Will Samuel wtsamuel@alaska.edu

Applications Close: Dec 1, 2021