

Pioneer Mountains, Montana: an investigation of very dry, alpine glaciation proximal to LIS

University of Montana Western



Located in Southwest Montana, the Pioneer Mountain range is an extraordinary example of paleo glacier landforms. The focus of the study is to get TCN dates from our samples and to better understand the timing of retreat within the context of the Greater Yellowstone and Wind River Ranges. We hypothesize that the glacial maxima in the southwest Montana ranges occurred earlier than the traditional LGM (21 ka).



Visitor: Mana Bryant

Visit dates: June 14 - August 6, 2021

Originally from Hawaii, I am an undergraduate at UMWestern with a major in Env. Sciences. My interest in glaciers started when I had the chance to go inside the Mer de glace in Chamonix, FR. I am excited to learn about glacial landforms and lab processing.