

# $^{10}\text{Be}$ Dating Constraints on the Deglaciation History of the Juneau Icefield

*University of Maine and Juneau Icefield Research Program*



I am analyzing surficial rock samples taken from the Juneau Icefield, AK, for cosmogenic nuclide concentrations. These concentrations will provide estimates of how long ago the rocks were covered by glaciers, helping to constrain the glaciation history and thinning rates of this area. These samples were taken as part of the Juneau Icefield Research Program, a two month glacier science field camp in SE Alaska, in the summer of 2019.



**Visitor:** Colby Rand

**Visit dates:** August 19-23, 2019

My name is Colby Rand and I am an undergraduate at the University of Maine, studying Earth and Climate Sciences. I was part of the Juneau Icefield Research Program 2019 field season, where I collected rock samples for surface exposure dating.