

Constraining the timing and mechanisms of boulder field formation associated with permafrost

Franklin & Marshall College



I am an undergraduate student studying relict landforms associated with recurrent cold-climate conditions during Pleistocene glacial episodes in northern Pennsylvania. I am observing boulder fields and gelifluction lobes and analyzing accumulation of cosmogenic nuclides produced in near surface material. In discerning mechanisms and processes for formation as well as constraining an exposure or burial "age" for these boulders, I will be evaluating the impact of cold-climate conditions, primarily those associated with permafrost, on similar landscapes in the mid-Atlantic.



Visitor: Nic Hertzler

Visit dates: January 6-10, 2020

My name is Nic Hertzler, and I'm a senior at Franklin & Marshall College majoring in Geoscience and minoring in Film Studies. I was born and raised in Lancaster, Pennsylvania. I'm looking forward to meeting new people and seeing the cosmo lab!