

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

Franklin and 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 analyzing cosmogenic nuclides produced in the near surface. In discerning mechanisms and processes for formation as well as constraining an “exposure age” for these boulders, I will be evaluating the impact of cold-climate conditions, primarily those associated with permafrost, on landscapes in the mid-Atlantic.



Visitor: John Ruck

Visit dates: July 1-5, 2019

My name is John Ruck, and I am very much looking forward to visiting UVM’s cosmogenic facility and meeting members of the laboratory. I am a rising senior at Franklin and Marshall College studying Geoscience and Business.