

Geological analysis of the impact of glaciation in western Pennsylvania

Lehigh University



We are working in two primary locations: The Slippery Rock Gorge in Butler County and the Carmichaels deposits in Fayette County. We are analyzing these glacially created formations to determine their absolute age as well as a rate of formation. From this we will be able to determine if they were formed quickly over the course of one glaciation, or incrementally over multiple glacial cycles. This work is important in understanding the glacial and drainage evolutions of a large area of Western Pennsylvania. This is a student project that I am working on with the advising of Frank Pazzaglia.



Visitor: Mike Simoneau

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My name is Mike Simoneau and I am a junior year Environmental Science major at Lehigh University in Bethlehem PA. I was born here in Bethlehem and have lived in the area my whole life. Next year I will be working on my senior thesis based on the results of this project.