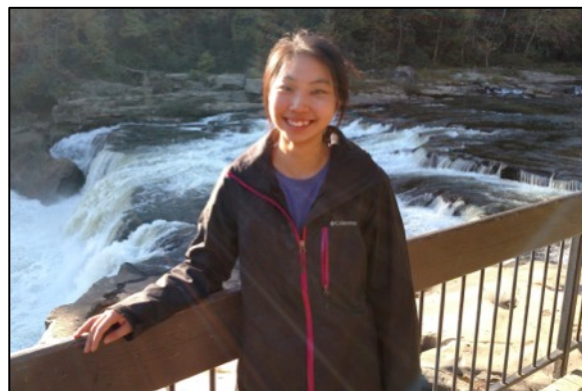


# Age and retreat of Ohiopyle Falls, Youghiogheny River, Pennsylvania

*Lehigh University*



I am using cosmogenic dating to determine how fast Ohiopyle Falls are marching upstream and, by extrapolating that velocity downstream, estimate where the falls were born. This will test the idea that integration of the Ohio River downstream of Pittsburgh following an early glaciation ~2 million years ago could have triggered lowering base-level, migration of waterfalls, and carving of the western Pennsylvania landscape.



**Visitors:** Christy Li, Josh Gonzales, and Katrina Gelwick

**Visit dates:** November 2017 and January 2018

Christy Li is a senior undergraduate working on her senior thesis and the lead P.I. on this project. Josh and Katrina are M.S. students learning the cosmogenic technique as they will be applying it on their respective thesis projects in 2018-19.