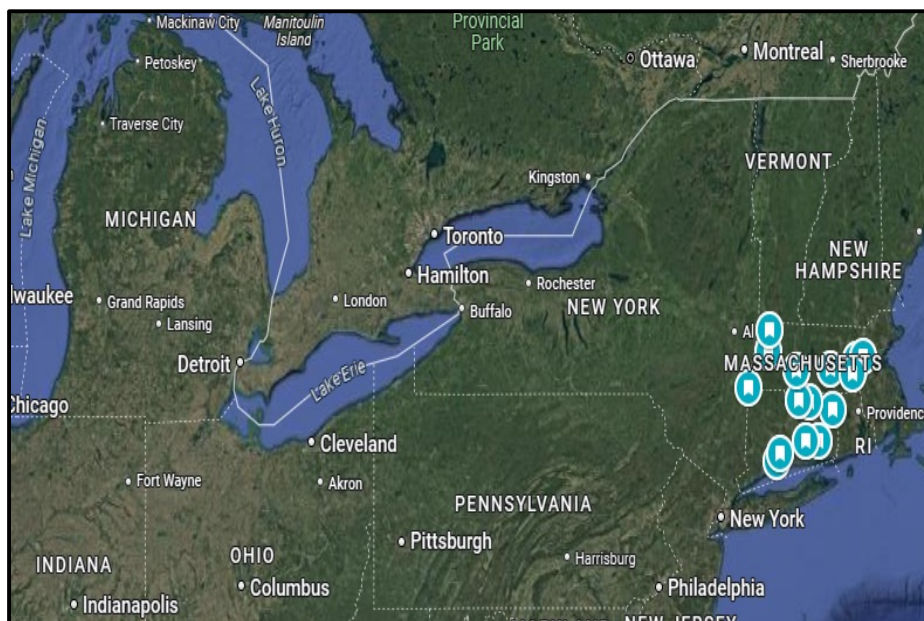


Using Isotope Inheritance to Date Glacial Sediment

Oberlin College



We are taking samples of sand covered by the Last Glacial Maximum in the Northeastern United States. We are using the quartz in this sand to find how long the sand was exposed before it was covered. We are doing this by analyzing the beryllium and aluminum isotopes in the quartz. This cosmogenic data allows us to more accurately date glacial retreat.



Visitor: Julia Cohen

Visit dates: July 14-18, 2025

I am a student at Oberlin College majoring in Environmental Science and minoring in Chemistry. I am from New York City! I am interested in sustainable agriculture, as I believe it is extremely important for the future of life on Earth.