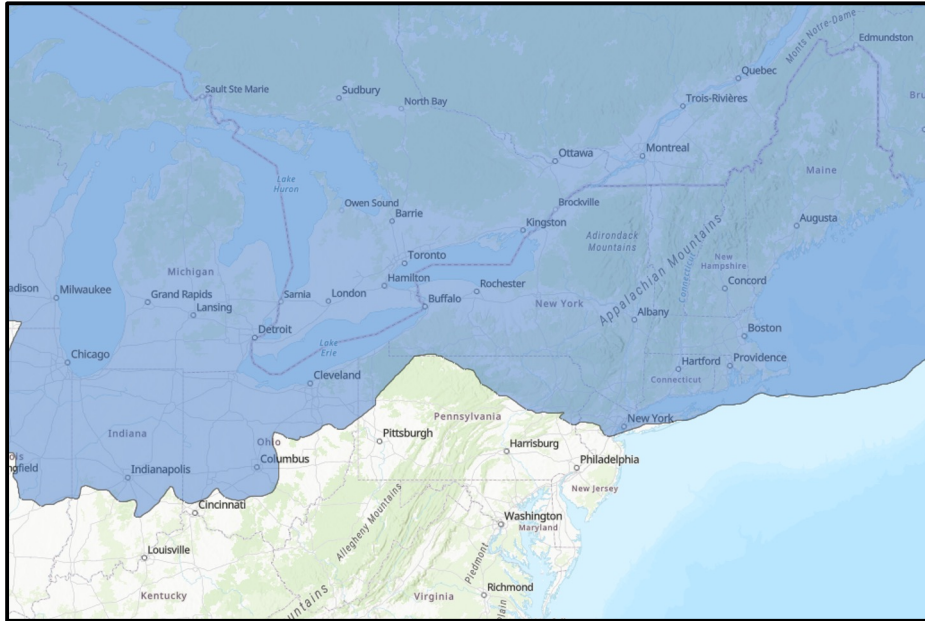


Spatial and Temporal Variance of Cosmogenic Nuclide Exposure Dating

Oberlin College



The Mid-Atlantic and New England regions contain valuable sources of Quaternary sediments that can be utilized to interpret glacial retreat using cosmogenic analysis. We hypothesize that accumulation of cosmogenic nuclides begins from zero as most surficial material is scraped off by successive periods of glaciation. We aim to measure the levels of inheritance from each sample and model a distribution across this glaciated region.



Visitor: Beck Thompson

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Beck is a geoscience major from Oberlin college originally from Pittsburgh, Pennsylvania. They're excited about exploring glacial geomorphology, having previously researching glacial geomorphology in Britain while studying in London.