Camilla Baumer, Rutgers University–New Brunswick, Piscataway, New Jersey, USA for their project: *Tracing volcanic Hg across the K-Pg boundary: relationships with Te and major and trace elements*.

I am a second-year PhD student in Earth and Planetary Sciences at Rutgers University, working under the supervision of Dr. Benjamin Black. I earned my B.S. in Geography from Penn State University prior to beginning my PhD. My research centers around mercury degassing within volcanic systems, using modern day and deep-time archives to understand its movement and speciation throughout the course of magmatic ascent and eruption. My work sits at the intersection of geochemistry, paleoclimate, and petrology, combining novel methods to understand how volcanic eruptions impact climate and life through the lens of a volatile trace metal.

My project investigates changes in sedimentary mercury and tellurium concentrations associated with large igneous provinces. By examining these trace metals in the sedimentary record, this project aims to better understand how large-scale volcanic activity has influenced biogeochemical cycles and environmental change through critical turning points in Earth's history.

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