Lindsi Allman, Florida State University, Tallahassee, Florida, USA for their project: *Quantifying metamorphic sulfur and carbon release during basaltic intrusion, West Virginia*.

Lindsi Allman is a fifth-year PhD candidate at Florida State University advised by Dr. Emily Stewart. Her research is focused on volatile release from contact metamorphism during large igneous province emplacement. As large igneous provinces erupt, gasses are released directly from the mantle through volcanic degassing and indirectly through contact metamorphism. As hot magma intrudes into sediment, sequestered volatiles may be liberated through metamorphic reactions. These gasses, in addition to volcanic gasses, may cause catastrophic climate change and mass extinction. Lindsi's research has mostly focused on carbon production during the emplacement of the Central Atlantic Magmatic Province.

Excitingly, the Howard and Jean Lipman Foundation Student Research Award will provide funding for research on contact metamorphic sulfur production. Specifically, these funds will support isotope geochemistry, petrography, and thermodynamic modeling on a sample suit from the Sugar Grove intrusion in West Virginia. This will allow for a field-based assessment on metamorphic sulfur production during large igneous province emplacement. Ultimately, these analyses will allow for a better understanding of the magnitude and timing of metamorphic sulfur release to better understand how it may influence climate.

Lindsi received her Geology B.S. in 2019 and her master's in 2022 both at Florida State. Her master's project was under Dr. Seth Young studying paleo-redox during the Late Silurian Lau event. Outside of geology Lindsi also plays ultimate frisbee and has coached the women's ultimate team at FSU. Lindsi is incredibly grateful for the Howard and Jean Lipman Foundation Student research award and thankful to GSA and the MGPV Division.