**Tess Johnson**, East Carolina University, Greenville, NC for her project: *Constraints on subvolcanic magma plumbing system evolution from crystal size distribution analysis of igneous groundmass, Henry Mountains, Utah*

Tess is a master’s student in the Department of Geological Sciences at East Carolina University. Working with Dr. Eric Horsman on the Copper Ridge Laccolith in the Henry Mountains in Southeast Utah, her research focuses on using crystal size distribution (CSD) analysis to constrain the relative timing of intrusive sheets of the Copper Ridge Laccolith. With the support of the Lipman Student Research Grant, Tess will collect samples throughout the Copper Ridge Laccolith, send them for thin section preparation, and process images for CSD analysis. With this research, they hope to contribute to the understanding of magma plumbing system evolution and development.

Tess grew up in Southern Utah where she grew to love the outdoors and the geologically diverse landscape around her. Graduating with her B.S. in Geology and Earth Science Education at Southern Utah University, Tess developed a passion for sharing her love of geology with others. She hopes to teach at the college level and continue to explore the world around her. In her free time, Tess enjoys hiking, camping, and going on fun adventures with her husband, Jake, and their dog, Scout.

Tess is grateful for the support of the Lipman Research Fund and to the Geological Society of America Mineralogy, Geochemistry, Petrology and Volcanology Division for the support of her research and the funds to continue her thesis work.