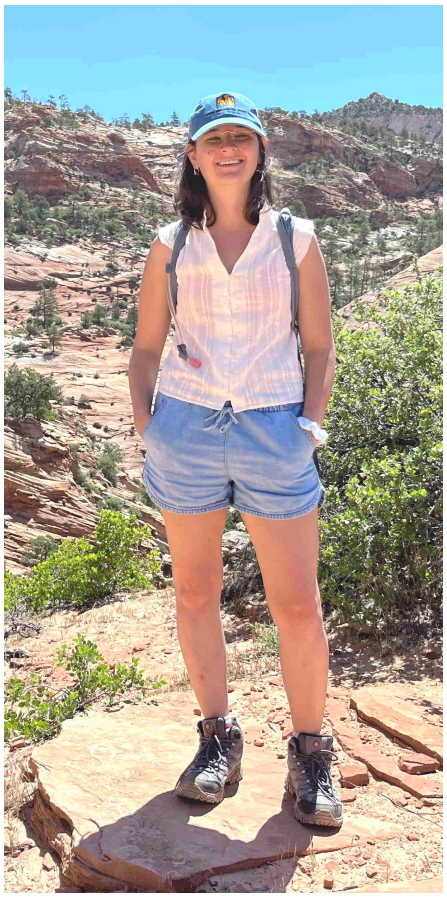
Leah Shteynman, Arizona State University, Tempe, AZ, for her project: *The U-Pb system and structure of natural reidite*.

Leah Shteynman is a third year PhD candidate at Arizona State University advised by Dr. Tom Sharp. She is broadly interested in sample-based planetary geology. Her primary research uses electron microscopy and radiometric dating methods to understand the ways in which the mineral zircon changes when it is affected by shock metamorphism during impact cratering. Her current project uses samples from Rochechouart impact structure, France to understand U and Pb behavior in reidite, the high-pressure polymorph of zircon formed during impact events. The financial support provided by the MGPV Division and GSA will allow for further analyses to be done for this project.



Leah received a bachelor's degree from Lafayette College in Geology. At Lafayette, Leah completed a senior honors thesis on the geochemistry of zircon-hosted melt inclusions in Ordovician K-bentonites with Dr. Tamara Carley. She also conducted research on shock metamorphism in zircon with Dr. Steven Jaret at the American Museum of Natural History, which is what got her interested in planetary geology.

Outside of research, Leah enjoys doing arts & crafts, being outdoors, and traveling. She is also involved in science outreach and service, including as a University of Arizona Sky School instructor and as part of the steering committee for the Geosciences Education & Mentorship Support program.