

Hannah Franke, University of Texas San Antonio, San Antonio, TX, for her project: *Assessing the Utility of HyTES for Mapping Vesicularity and Crystallinity Variations in Lava Flows*.



Hannah Franke is a Master's student in the Department of Earth and Planetary Sciences at the University of Texas at San Antonio. Originally from College Station, Texas, she developed a passion for geology at an early age, inspired by the beauty of gems and minerals. She earned her B.S. in Geology from Texas A&M University in 2022.

Her current research investigates volcanic deformation with the goal of improving hazard monitoring, understanding magma transport processes, and applying these techniques to study volcanic activity on other planetary bodies. By combining remote sensing, field observations, and geophysical data, her work aims to contribute to more effective volcanic risk mitigation on Earth and to the broader understanding of extraterrestrial volcanism.