

Andrew Hindall, Kansas State University, Manhattan, KS, USA for their project *Link between melt inclusions in lower crustal xenoliths and silicic magmatism of the Chiricahua Mtns.*

Andrew Hindall is a second-year master's student at Kansas State University advised by Drs. Pamela Kempton and Matthew Brueseke. He is currently researching a proposed genetic link between rare melt inclusions entrapped within lower crustal granulite xenoliths of the Geronimo Volcanic Field, SE Arizona, and the formation of the large-volume silicic volcanics that make up the adjacent Boot Heel Volcanic Field. Andrew intends to utilize the funding he has received to facilitate the collection of major and trace element geochemistry of the melt inclusions using EMPA and LA-ICP-MS. These geochemical data will be utilized to assess the relationship between the volcanism in the two fields and will facilitate thermodynamic modelling of conditions in the lower crust during the mid-Tertiary Ignimbrite Flare-up in the southern Basin and Range province.



Andrew is from Columbus, Ohio, and graduated from Colgate University with an A.B. in Geology and a minor in Museum Studies in 2024. His undergraduate thesis “Geotourism and Education at the Gore Mountain Garnet Mine, Adirondacks” (unpub.) was completed under the mentorship of Dr. William H. Peck. Following the completion of his M.S. at Kansas State, Andrew hopes to pursue a Ph.D., continuing his research in the fields of petrology, geochemistry, and volcanology.

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