

MSSC ZOOM PRESENTATION
Friday August 13, 2021

Discovering the Deep Earth



Presented by: Dr. Krista Sawchuk

Dr. Krista Sawchuk recently graduated from UCLA with a PhD in geochemistry. Her dissertation research focused on the high-pressure behavior and chemical reactions of volatile-bearing minerals in Earth's mantle. Since graduating, Krista started a postdoctoral research position at Los Alamos National Lab in New Mexico where she continues her high-pressure research. In her spare time, she enjoys mineral collecting and curating her personal mineral collection.

Join Krista on a journey through the deep Earth. The deep Earth, which encompasses the mantle and core, makes up 99% of our planet. Because we can't physically go to the deep Earth, scientists employ a variety of techniques to learn more about it. Krista will share what we do know about the deep Earth and how her research on the behavior of minerals at high pressures and temperatures is helping us learn more about the chemistry of the mantle.