

PG Candidate Workshop, July 2021

Subject: Igneous Petrology: The workshop will cover the basics of igneous petrology with a focus on major igneous rocks types and the minerals which define them. We will begin with the basic tectonic settings and processes of igneous rock formation as a foundation, after which we will link the lava types with the minerals which cool from them. We will go over the fundamental chemistry of growth rates, fractionation, and the Bowen's Reaction Series, and we will also review phase diagrams.

Speaker: Abigail Knapp, geologist with the Georgia EPD. She has a M.S. in Geology with a focus on hydrology. Her undergraduate research was in Igneous Petrology, specifically, the melt inclusions of the Banco Bonito Rhyolite in New Mexico.

Date: Saturday, July 24, 2021 **Time:** 10:00 am until 12:00 pm

Place: Online webinar hosted by Scott Harris of Fernbank Science Center – registration information below

Registration: To receive the zoom link and password, please send an email message to abigail.s.knapp@gmail.com.

This online workshop is open to current AGS members. Signing up for AGS Membership is easy and offers many benefits! For more information, go to our website at atlantageologicalsociety.org or visit us on Facebook.

Please join us and feel free to forward this announcement to anyone that might be interested. For more information contact Abigail Knapp, abigail.s.knapp@gmail.com