Nicole Moore (Nikki)

Ph.D. Advisor: Anita Grunder

B.S. – Earth Science, University of Nebraska at Omaha
M.S. – Geology, Western Washington University

Research Interests:

Petrology and geochemistry of primitive basalts, including: origin and differentiation of Steens/ continental flood basalts, production and petrochemical evolution of continental arc basalts, mantle sources and generation of primitive basalt; petrology/ geochemistry of the mantle.

Recent Publications and Abstracts Presented:

Moore, N.E., Toth, C., Grunder, A.L., Bohrson, W.A., & Bindeman, I., 2016, Oxygen isotope composition of plagioclase from the Steens Basalt, Columbia River Basalt Province, SE Oregon, Geological Society of America Abstracts with Programs, v. 48, no. 4.

Moore, N.E., Lytle, K., Bohrson, W.A., and Grunder, A.L., 2015, New Petrologic and Geochemical Insights into Differentiation Processes Required to Produce the Lower Steens Basalt, Columbia River Basalt Province, SE Oregon, American Geophysical Union Fall Meeting, Abstract 85478.

Grunder, A.L., Moore, N.E., and Bohrson, W.A., 2015, Giant Plagioclase "Mosaicrysts" and Other Textures in the Steens Basalt, Columbia River Flood Basalt Province, American Geophysical Union Fall Meeting, Abstract 84798.