

Andrew J. Regula
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Education

Graduate student, 2019-present - University of Chicago
M.S. in Geology, 2019 (expected) - University of Minnesota – Duluth
B.S. in Geology (minor in Mathematics), 2016 - St. Norbert College

Research interests

Applications of high pressure/temperature experimental techniques in concert with trace element and isotopic analysis to probing the composition of Earth's interior, investigating its evolution through time.

Publications

Andrew Regula¹, Fred A Davis¹ and Munir Humayun², (1)University of Minnesota Duluth, Duluth, MN, United States, (2)Florida State University, Dept. of EOAS & National High Magnetic Field Laboratory, Tallahassee, FL, United States (2019), Experimentally generated partition coefficients for the first-row transition elements (FRTE) during pyroxenite partial melting at 3.0 GPa, Abstract to be presented at 2019 AGU Fall Meeting, San Francisco, CA 9-13 Dec. 2019a

Regula, A.J., Ferguson, C.A., Hess, Z., Miller, C.F., Claiborne, L., McDowell, S.M., Flood, T.P., and Covey, A.K., 2015, Tuff of Bonelli House, Part 1: Petrologic characterization in type area at Kingman, regional correlation and constraints on extent: Geological Society of America, Abstracts with Programs, v. 47, n. 7, p. 534.

Teaching

UMD Department of Earth and Environmental Science

- TA Structural Geology, 2017 - Assisted students during lab exercises, accompanied class on two field trips, held office hours, graded lab exercises
- TA Mineralogy, 2018 - Assisted students during lab exercises on petrographic microscope, held office hours, graded lab exercises