

Alexis Lopez, University of North Carolina-Chapel Hill, Chapel Hill, NC, for her project: *Advancing geo-thermo-chronological techniques to assess timing of mineralization for two deposits*



Alexis R Lopez is a fifth year PhD student in the Department of Earth, Marine, and Environmental Sciences at UNC, Chapel Hill advised by Dr. Drew S. Coleman. Alexis is interested in studying deposits through petrologic, petrographic, and geochemical isotopic signatures. Her current projects are characterizing and dating granodiorite dikes associated with a gold deposit and dating calcite and uraninite within a five-element vein deposit using high precision ID-TIMS at the UNC, Chapel Hill.

Alexis earned her B.A in Global Studies with a minor in Geology at the University of the Pacific. She completed undergraduate research with Dr. Kurtis Burmeister measuring mineral scale deformation. She completed a M.Sc. at California State University, Chico with Dr. Hannah Aird describing the paragenetic sequence of the Moonlight IOCG deposit in northern California. When not in the lab or the field, Alexis enjoys reading, hiking, and playing with her cat Momo.

Alexis is honored and deeply grateful to the generous support of the Howard and Jean Lipman Foundation and the GSA MGPV for supporting her work on measuring the geochemical signature and proxy age of different types of deposits associated with magmatic centers.