

About

I am a *seismologist & geophysist* Ph.D. candidate in the Earth and Planetary Science department at the University of California, Santa Cruz. I am doing researching in the Seismology Lab with UCSC professors Emily Brodsky and Susan Schwartz. I collaborate with USGS researchers Jared Kluesner and Danny Brothers.

I am interested in using seismic waves to understand faults in-situ in the earth. In particular, I am fascinated

I use both **passive** (earthquakes) and **active** (human-created) seismic methods, with a long-term goal to connect (relatively) shallow earthquakes to seismic imagery to understand the environment where earthquakes nucleate, and potentially begin to understand what role fault damage plays in overall seismic cycle.