

Stanford



Mae Marcaida

Ph.D. Student in Geological Sciences

Bio

BIO

Mae Marcaida is currently a PhD Candidate at Stanford University and also works half-time at the U.S. Geological Survey, Volcano Science Center in Menlo Park, California. She is the current Graduate Student Research Assistant for the USGS-Stanford SHRIMP-RG laboratory. Mae does research in Isotope Geochemistry, Geochronology, and Volcanology.

HONORS AND AWARDS

- Harriet Benson Fellowship, Stanford University (2019–2020)
- The Thomas D. and Janice H. Barrow Fellowship, Stanford University (2016–2018)
- Enhancing Diversity in Graduate Education Doctoral Fellowship, Stanford University (2015-Present)

EDUCATION AND CERTIFICATIONS

- M.S. Geology, San Jose State University (2015)
- B.S. Geology, San Francisco State University (2010)

STANFORD ADVISORS

- Martin Grove, Doctoral (Program)

Research & Scholarship

LAB AFFILIATIONS

- Martin Grove, SHRIMP-RG Lab (9/1/2017)

Professional

WORK EXPERIENCE

- Graduate Student Research Assistant - USGS-Stanford SHRIMP-RG Laboratory (9/25/2017 - present)
- USGS Career Intern - U.S. Geological Survey, Volcano Science Center (2009 - present)

Publications

PUBLICATIONS

- **Constraining the Early Eruptive History of the Mono Craters Rhyolites, California, based on ^{238}U – ^{230}Th Isochron Dating of their Explosive and Effusive Products** *Geochemistry, Geophysics, Geosystems*
Marcaida, M., Vazquez, J., Stelten, M., Miller, J.

2019; 20 (3): 1539-1556

- **Geochemical fingerprinting of Wilson Creek formation tephra layers (Mono Basin, California) using titanomagnetite compositions** *JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH*

Marcaida, M., Mangan, M. T., Vazquez, J. A., Bursik, M., Lidzbarski, M. I.

2014; 273: 1-14

- **The California Volcano Observatory—Monitoring the State's restless volcanoes** *U.S. Geological Survey Fact Sheet 2014-3120*

Stovall, W. K., Marcaida, M., Mangan, M. T.

2014: 4 p.