

Johanna Holo

jholo@ucsc.edu
(917)797-4926

Education

University of California – Santa Cruz

Ph.D., Earth Sciences expected 2023

University of Chicago

Bachelor of Science in Geophysical Sciences and Chemistry (with honors) June 2018

- Dean's list (2014-2015, 2015-2016, 2016-2017, 2017-2018)

Teaching Experience

Graduate Teaching Assistant | UC Santa Cruz | September 2018 – December 2018, September 2019 – December 2019, March 2020 – June 2020

GEOPATHS Program Facilitator | UC Santa Cruz | September 2019 – December 2019

- GEOPATHS is an NSF funded program to provide support for undergraduate students in Earth and Planetary Sciences

Research Experience

Graduate Research Assistant, Zachos Lab | UC Santa Cruz | August 2018 - present

- Paleoclimatology, isotope geochemistry, biogeochemical modeling

Research Assistant, Dauphas Lab | University of Chicago | Jan. 2016 – June. 2018

- Iron isotope geochemistry

Jeff Metcalf Undergraduate Scholar, Conte Lab | Marine Biological Laboratory | Summer 2017

- Organic Geochemistry

Research Assistant, Colman Lab | University of Chicago | Sept. 2015 – Dec. 2016

- Isotope geochemistry

Research Technician, Farley Lab | California Institute of Technology | Summer 2015

- Isotope geochemistry, planetary science

Conference Presentations

Holo, Johanna. "Reversal in ocean overturning circulation during the Eocene Thermal Maximum 2." American Geophysical Union Fall Meeting 2019, San Francisco CA.

Holo, Johanna. "Ocean Overturning Circulation, Global Warming, and the Existence of Tipping Points in Deep Time." Graduate Climate Conference 2019, Woods Hole MA.

Memberships/ Affiliations

American Geophysical Union, 1114050