



UNIVERSITY OF HOUSTON

Abigail Cantoni

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Education

2027 PhD. Geology - University of Houston (In progress)

2023 B.S. Geology, Minor in Astronomy - George Mason University

2021 A.S. Science - Northern Virginia Community College

Professional Experience

July 2022-August 2023 Student Researcher - Earth and Planets Laboratory, Carnegie Institution for Science

2021-2023 Swim Instructor - Manassas Park Community Center

2019-2023 HeadLifeguard - Manassas Park Community Center

Summer 2017 Lifeguard - SplashDown Waterpark

Awards

Dean's List - Fall 2021, Spring 2022, Fall 2022, Spring 2023 George Mason University

Leaders in Training (Mentor) - Summer 2022 Manassas Park Community Center

Most Improved Swimmer - Spring 2022 George Mason University Swim Club

Dean's List - Spring 2021, Spring 2020, Fall 2019 Northern Virginia Community College

Publications

- Shaunna M Morrison, **Abigail Cantoni**, Anirudh Prabhu, Arya Udry, Robert M Hazen, Alexandra Ostroverkhova (2022) A comprehensive survey of martian meteorite mineralogy, *Scientific Data* (in prep)
- **Abigail Cantoni**, Shaunna M Morrison, Anirudh Prabhu, Arya Udry, Robert M Hazen, Alexandra Ostroverkhova (2023) Mineral network analysis: An exploration of Martian meteorite mineralogy and petrology, *Journal of Geophysical Research: Planets* (planned)
- Shaunna M Morrison, Robert M Hazen, **Abigail Cantoni**, Arya Udry, Anirudh Prabhu, Alexandra Ostroverkhova (2023) Martian mineralizing environments and

their evolution through deep time: an Evolutionary System of Mineralogy study, Earth and Planetary Science Letters (planned)

Meeting Abstracts

- Shaunna M Morrison, Abigail Cantoni, Anirudh Prabhu, Arya Udry, Robert M Hazen, Alexandra Ostroverkhova (2022) Exploring martian geology and habitability via mineral network analysis, AGU Annual Meeting
- Shaunna M Morrison, Abigail Cantoni, Anirudh Prabhu, Robert M Hazen, Arya Udry, Alexandra Ostroverkhova (2022) A data driven exploration of martian meteorites, GSA Annual Meeting