NADIM ABU HASHMEH

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EDUCATION

Tulane University 2019 - Present
PhD, Geology - *In Progress*

University of California, Santa Cruz 2015 - 2017
Bachelor of Science, Earth Sciences (Planetary Science focus)
Cum laude university honors and departmental highest honors

Los Angeles Pierce College 2012 - 2015
Associate of Arts, Geology

RESEARCH EXPERIENCE

Tulane University August 2019 - Present
Graduate Student *New Orleans, LA*

· Ongoing research project examining the South Polar Layer Deposits on Mars.

SETI Institute/NASA Ames Research Center August 2018 - July 2019
Data Analyst *Mountain View, CA*

· Analyzing Cassini data to constrain composition, origin, and age of Saturn's rings.

University of California, Santa Cruz January 2018 - August 2018
Earth and Planetary Sciences Junior Specialist *Santa Cruz, CA*

· Data processing and analysis of meteorite alteration history.

NASA Ames Research Center June 2017 - August 2017
Center for Applied Atmospheric Research and Education Intern *Mountain View, CA*

· Studying aerosol transport from mid-latitudes to the Arctic.

University of California, Santa Cruz 2016 - 2017
Undergraduate Student *Santa Cruz, CA*

· Senior thesis project mapping and modeling the characteristics of sublimation features on Pluto's Sputnik Planitia.

TEACHING EXPERIENCE

Tulane University August 2019 - Present
Graduate Student Teaching Assistant *New Orleans, LA*

· Lab instructor for Earth as a Living Planet course in Earth and Environmental Sciences department.

AJ Tutoring September 2017 - December 2017
High School Math Tutor *Mountain View, CA*

· Pre-Calculus and Algebra tutor for Bay Area high school students.

AWARDS AND SCHOLARSHIPS

Hierarchical Research Systems Foundation Undergraduate Research Award (2017)
Dean's List, Winter and Fall quarters (2016)

SKILLS

Computer Languages	MATLAB, Python, IDL, UNIX, LaTeX
Software	ArcGIS, ENVI

ACADEMIC WORK

Abu Hashmeh, N., Whitten J. L., Campbell B. A. (2020) Areal Extent of Subsurface Basal Reflectors Within the South Polar Layered Deposits. Seventh International Conference on Mars Polar Science and Exploration, Abstract 6047. Presentation.

Abu-Hashmeh, N., Conrad J. W., Nimmo F., Moore J. M., Stern S. A., Olkin C. B., Weaver H. A., Ennico K., and the New Horizons Geology, Geophysics, and Imaging Theme Team (2017). Morphology and evolution of sublimation pits on Pluto. American Geophysical Union Fall Meeting, Abstract 248476. Poster.

Abu-Hashmeh N., Tian Q. (2017). Arctic Haze Contributions from Mid-Latitude Aerosol Transport Pathways. NASA Ames Summer Technical Poster Symposium (1) and NASA Ames Code S Division Poster Session (2). Poster.

Conrad J. W., **Abu-Hashmeh N.**, Nimmo F., White O. L., Singer K., Howard A. D., Lauer T. R., Binzel R. P., Moore J. M., Stern S. A., Olkin C. B., Weaver H. A., Ennico K., Young L. A., Spencer J. R., and the New Horizons Geology, Geophysics, and Imaging Theme Team (2017). Preliminary Distribution and Statistics of "Bacilli" in the Southern Region of Sputnik Planitia. 48th Lunar and Planetary Science Conference, Abstract 1767. Abstract.