

Nathan J. McGregor

University of California, Santa Cruz
Earth and Planetary Sciences
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Education **University of California, Santa Cruz**
Ph.D., Planetary Science, 2021-

Boise State University
B.S., Physics and Astrophysics, 2021
B.A., Political Science, 2012

Research **University of California, Santa Cruz, Earth and Planetary Sciences**
Graduate Student Researcher, 2021-
Advisors: Profs. Francis Nimmo and Myriam Telus

Boise State University, Physics
Undergraduate Student Researcher, 2011-2012 & 2019-2021
Advisor: Prof. Daryl Macomb

University of Hawai'i at Mānoa, Oceanography
Undergraduate Student Researcher, 2012-2013
Advisor: Prof. Angelos Hannides

Teaching **University of California, Santa Cruz, Earth and Planetary Sciences**
Teaching Assistant, 2022-

Boise State University, Physics
Teaching Assistant, 2019-2021
Lab Instructor, 2019-2021

Boise State University, Mathematics
Teaching Assistant, 2011-2012 & 2013

Funding Inclusive Leadership Fellowship, 2020-2021 (\$8,850)
Higher Education Research Council Fellowship, 2020 (\$3,000)
Social Impact Fellowship, 2014 (\$4,000)
Student Research Initiative Fellowship, 2014 (\$2,000)

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| Conference Abstracts | <p>[3] McGregor, N.J. and Macomb, D., Photometric Monitoring of MRK 501: A Model for Measuring the Optical Variability of BL Lacs, Idaho Conference on Undergraduate Research, #131, 2020</p> <p>[2] McGregor, N.J. and Macomb, D., Photometric Monitoring of MRK 501: A Model for Measuring the Optical Variability of BL Lacs, Boise State University Research Showcase, #119, 2020</p> <p>[1] McGregor, N.J. and Macomb, D., Identifying X-Ray Sources in Local Group Galaxies Using Fourier Analysis of Time Series Data, Boise State University Undergraduate Research and Scholarship Conference, #22, 2014</p> |
| Invited Talks | <p>Graduate Student Panel, Idaho Conference on Undergraduate Research, 2022</p> <p>OSIRIS-REx Mission, Boise State University, 2021</p> <p>Lunar Eclipses, Boise State University, 2021</p> |
| Professional Activities | <p>NASA Panelist, 2022</p> <p>NASA Proposal Writing and Evaluation Experience Academy, 2020</p> |
| DEI and Outreach | <p>Queer Youth Task Force of Santa Cruz, STEM Volunteer and Adult Ally Volunteer, 2022-</p> <p>Diversity, Equity, and Inclusion Committee, Committee Member UC Santa Cruz, 2021-</p> <p>Geoscientists Encouraging Openness and Diversity in the Earth Sciences, Leadership Board, UC Santa Cruz, 2021-</p> <p>STEM Camp, Sacajawea Elementary School, 2021</p> <p>STEM Camp, Caldwell High School, 2021</p> <p>Third Thursday Astronomy Series, Boise State University, 2021</p> <p>First Friday Astronomy Series, Boise State University, 2019-2021</p> |
| Languages and Skills | <p>English (native), Japanese (elementary)</p> <p>Scanning Electron Microscope (BSD, EDS), Thermogravimetric Analyzer (Micro GC), Optical Microscope, Python, MATLAB, C, Bash</p> <p>Fortran, \LaTeX</p> |