

THOMAS WILLIAMS

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Department of Earth, Environmental, and Planetary Sciences, 324 Brook Street, Providence, RI, 02912

EDUCATION & QUALIFICATIONS:

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| Brown University
<i>PhD Student, Dept. of Earth, Environmental, and Planetary Sciences</i> <ul style="list-style-type: none">Advisors: Stephen Parman and Alberto Saal | Sept. 2021 – Present |
| University of Oxford, Worcester College
<i>MEarthSci Earth Sciences, Dept. of Earth Sciences</i> <ul style="list-style-type: none">Awarded a First Class Honours master's degreeThesis: "<i>Damara Leucogranites of the Uis Tin Belt, Northern Namibia: Field Relations, Geochemistry, Origin, and Emplacement</i>"Supervisor: Laurence Robb | Oct. 2016 – June 2020 |

EXPERIENCE:

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| Accenture plc
<i>Management Consultant Analyst, London, UK</i> <ul style="list-style-type: none">HR transformation for a large multinational mining firm | May - July 2021 |
| Volcanology and Igneous Petrology Lab
<i>Graduate Research Assistant, Department of Earth Sciences, Oxford University</i> <ul style="list-style-type: none">Magmatic and eruptive evolution of the 1883 eruption of Krakatau | Aug. 2020 |
| AfriTin Mining
<i>Exploration Geologist Intern, Uis, Namibia</i> <ul style="list-style-type: none">Geochemical and petrological mineral exploration. | June 2019 - Aug. 2020 |
| Volcanology and Igneous Petrology Lab
<i>Undergraduate Research Assistant, Department of Earth Sciences, Oxford University</i> <ul style="list-style-type: none">Magmatic and eruptive evolution of the 1883 eruption of Krakatau | Aug. 2019 - Sept. 2019 |

PRESENTATIONS:

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- Williams, T.A.**, Parman, S.W., Saal, A.E., Ogliore, R.C., Iskakova, M., A.J. Akey, and J.A. Gardner. *Constraining Lunar Volatiles via Nanoanalysis of Pristine Sample Surfaces* (oral), Geochemistry, Mineralogy, and Petrology Seminar, Brown University, Providence, RI, April 2023.
 - Williams, T.A.**, Parman, S.W., Saal, A.E., Ogliore, R.C., Iskakova, M., and A.J. Akey. *Nanoanalysis of Sublimates on Pristine Lunar Orange Glass Beads* (poster), Lunar and Planetary Sciences Conference, March 2023.
 - Williams, T.A.**, Parman, S.W., Saal, A.E. *Lunar Volatiles: Nanoscale Analysis of (de)Sublimates on Lunar Glass Beads* (oral), Geochemistry, Mineralogy, and Petrology Seminar, Brown University, Providence, RI, March 2022.

NON-REFEREED PUBLICATIONS:

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- Williams, T.A.**, Parman, S.W., Saal, A.E., Ogliore, R.C., Iskakova, M., and A.J. Akey. Nanoanalysis of Sublimates on Pristine Lunar Orange Glass Beads. *Lunar Planet. Sci. LIV*, 1441 (abstract).

GRANTS, FELLOWSHIPS, AND AWARDS:

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| 2023 | Lipman Research Award , Geological Society of America (\$2500) |
| 2023 | Conference Travel Grant , Graduate Student Council, Brown University (\$100) |
| 2022 | Conference Travel Grant , Brown University (\$650) |
| 2021-2022 | University Fellowship , Brown University |
| 2019 | Burdett-Coutts Foundation Travel Grant , Oxford University (£650) |
| 2019 | Research Travel Grant , Worcester College, Oxford University (£400) |
| 2018 | Research Travel Grant , Worcester College, Oxford University (£400) |
| 2016-2020 | Scholar of Worcester College for academic performance, Oxford University (£600) |

OUTREACH AND SERVICE:

Geochemistry Seminar Organiser

Spring 2023

- Schedule and host speakers for the Brown DEEPS weekly Geochemistry seminar.

DEEPS CORES

2021 - Present

- Creating Earth Science lesson plans for high school students.
- Assisting students with writing Summer@Brown applications.

UNIQ Summer School

June 2019

- Helping students from diverse backgrounds to make successful applications to Oxford.

PROFESSIONAL DEVELOPMENT:

Sheridan Center Teaching Seminar, Reflective Teaching, Brown University, RI

Fall 2022