CV: ALEKSANDRA GAWRONSKA (SHE/HER)

Greenbelt MD, 20770 | ajvgawronska@gmail.com | (312) 550-3286
https://ajvgawronska.wixsite.com/website | ORCID: 0000-0002-3470-1177

PROFESSIONAL SUMMARY

Planetary geoscientist fascinated by extraterrestrial magmatism with outstanding track record of peer-reviewed publications, successful grant proposals, and community service. Expert in astromaterials analysis via petrography/geochemistry, and in planetary exploration via instrumentation/human crew.

EDUCATION

Ph.D., Geology — 08/2018 – 05/2023
Miami University, OH

B.S., Environmental Science, minor in Sustainability — 08/2014 – 05/2018
University of Notre Dame, IN

APPOINTMENTS

Postbaccalaureate Program Consultant — 05/2025 – Present
CRESST II cooperative agreement,
Southern Universities Research Association (SURA).

Postdoctoral Researcher — 06/2023 – Present
Dept. of Physics, Catholic University of America,
Solar System Exploration Div., NASA Goddard Space Flight Center.
(advised by Dr. Barbara Cohen)

Graduate Research Assistant — 08/2022 – 05/2023
Dept. of Geology and Environmental Earth Science, Miami University.
(advised by Dr. Claire McLeod)

Graduate Teaching Assistant — 08/2018 – 08/2022
Dept. of Geology and Environmental Earth Science, Miami University.
(advised by Dr. Claire McLeod)

Exploration Science Summer Intern — 05/2019 – 08/2019
Center for Lunar Science and Exploration, Lunar & Planetary Institute.
(advised by Dr. David Kring)

Laboratory Assistant — 09/2015 – 08/2018
Civil & Environmental Engineering & Earth Sciences Dept., University of Notre Dame.
(advised by Dr. Clive Neal)

Field Technician — 05/2016 – 08/2016
Stormwater Management Commission of Lake County, Illinois.

PUBLICATIONS

Summary: total citations: 138 | first-author: 5 | h-index: 4 | Google Scholar link

(in review) **A. J. Gawronska** et al. (2nd round of review) The evidence for open magmatic system processes recorded in the crystal cargoes of lunar basalts. *Geological Society of London Spec. Pub. "A: Tour of the Solid Solar System: Recognising Early Career Contributions to Planetary Science" #GSLSpecPub2025-14.*
Preprint available at: https://doi.org/10.31223/X5JM77

(in review) A. R. Schweitzer **et al**. (2nd round of review) Insights into the Petrogenesis of Lunar Basaltic Breccias from Dominion Range (DOM) 18543. *Geological Society of London Spec. Pub. "A: Tour of the Solid Solar System: Recognising Early Career Contributions to Planetary Science" #GSLSpecPub2025-65.*

(in revision) J. T. Brum**, et al.** (in revision) Allan Hills (ALHA) 81005 40 Years On: New Insights from Dunitic and Troctolitic Clasts. *American Mineralogist (#8930).*

(in prep) Y. Arroyo, **et al**. Remote Sensing Investigation of Sinus Viscositatis Mare Lava Flows Nearby the Gruithuisen Domes. *Intended for Icarus.*

(in prep) **A. J. Gawronska,** and C. L. McLeod. New Insights Into Magma Storage and Ascent on the Moon: An Integrated Textural, Mineralogical, and Geochemical Study of Apollo 11 High Potassium Basalts. *Intended for Journal of Petrology, Planetary Materials collection.*

(in prep) M. Hancock **et al.** The Polar Resources Ice Mining Experiment-1 (PRIME-1) Mission. *Intended for the Planetary Science Journal.*

12. K. Mandt, C. I. Honniball, D. Archer, R. Aguilar Ayala, J. Captain, B. A. Cohen, A. Colaprete, A. N. Deutsch, **A. J. Gawronska,** M. Hancock, J. Heldmann, M. Lemelin, D. Lim, Z. Mirmalek, A. McAdam, E. Noe Dobrea, P. Prem. (in press) Model for determining the origin of lunar volatiles based on their composition: Application to NASA's VIPER and other landed missions. *Planetary Science Journal.*

11. R. Aguilar Ayala, J. E. Captain, J. T. Smith, M. L. Hancock, A. W. Jarnot, K. E. Smith, P. J. Johnson, C. S. Johnson, R. Carro, R. J. Nieves, C. N. Bond, J. Trautwein, K. C. Wright, J. L. Winfield, P. Santariello, A. McAdam, P. D. Archer, G. Kreinheder, J. A. Diaz, P. Prem, K. E. Mandt, **A. J. Gawronska,** B. A. Cohen, J. W. Quinn. (2025) VIPER's Mass Spectrometer observing lunar operations (MSolo). *Planetary Science Journal,* https://doi.org/10.3847/PSJ/ae0a4e

10. S. Boccelli, O. J. Tucker, M. J. Poston, P. Prem, T. Warren, **A. J. Gawronska,** S. J. Barber, W. M. Farrell, B. A. Cohen. (2025) DSMC analysis of Astrobotic's Peregrine Mission-1: MON-25 leak and water outgassing. *Acta Astronautica.* https://doi.org/10.1016/j.actaastro.2025.08.021

9. **A. J. Gawronska,** S. J. Boazman. (2025) Characteristics of the Shackleton-de Gerlache Ridge and Implications for Lunar South Polar Geology and Future Sampling Activities. *Icarus, 116719.* https://doi.org/10.1016/j.icarus.2025.116719

8. B. A. Cohen, S. J. Barber, **A. J. Gawronska**, F. A. J. Abernethy, N. M. Curran, P. D. Driggers, W. M. Farrell, D. A. Heather, C. Howe, P. F. Landsberg, V. López-Días, A. D. Morse, T. Morse, M. J. Poston, P. Prem, R. Trautner, O. J. Tucker, T. J. Warren. (2025) The Peregrine Ion Trap Mass Spectrometer (PITMS): Results from a CLPS-delivered Mass Spectrometer. *Planetary Science Journal 6:14.* https://doi.org/10.3847/PSJ/ad9927

7. **A. J. Gawronska,** C. L. McLeod. (2023) Moon, Overall Geology. In: Cudnik, B. (Eds.) *Encyclopedia of Lunar Science.* https://doi.org/10.1007/978-3-319-14541-9_145

6. **A. J. Gawronska,** C. L. McLeod. (2023*)* Basalt. In: Cudnik, B. (eds.) *Encyclopedia of Lunar Science.* Springer, Cham. https://doi.org/10.1007/978-3-319-14541-9_135

5. C. L. McLeod, **A. J. Gawronska**. (2023) The Lunar Mantle. In: Cudnik, B. (Eds.) *Encyclopedia of Lunar Science.* Springer. https://doi.org/10.1007/978-3-319-14541-9_213

4. S. J. Boazman, J. Shah, Harish, **A. J. Gawronska,** S. H. Halim, A. V. Satyakumar, C. M. Gilmour, V. T. Bickel, N. Barrett, D. A. Kring. (2022) The Distribution and Accessibility of Geologic Targets near the Lunar South Pole and Candidate Artemis Landing Sites. *Planetary Science Journal 3 (12),* 275. https://doi.org/10.3847/PSJ/aca590
3. **A. J. Gawronska,** C. L. McLeod, E. H. Blumenfeld, R. D. Hanna, R. A. Zeigler (2022) New interpretations of lunar mare basalt flow emplacement from XCT analysis of Apollo samples. *Icarus 388,* 115216. https://doi.org/10.1016/j.icarus.2022.115216
2. S. H. Halim, N. Barrett, S. J. Boazman, **A. J. Gawronska**, C. M. Gilmour, Harish, K. McCanaan, A. V. Satyakumar, J. Shah, D. A. Kring. (2021) Numerical modeling of the formation of Shackleton crater at the lunar south pole. *Icarus 354,* 113992. https://doi.org/10.1016/j.icarus.2020.113992
1. **A. J. Gawronska,** N. Barrett, S. J. Boazman, C. M. Gilmour, S. H. Halim, Harish, K. McCanaan, A. V. Satyakumar, J. Shah, H. M. Meyer, D. A. Kring. (2020) Geologic Context and Potential EVA Targets at the Lunar South Pole. *Advances in Space Research 66* (6), 1247-1264. https://doi.org/10.1016/j.asr.2020.05.035

ADDITIONAL PUBLISHED PRODUCTS

9. S. Valencia, **et al.** (2024) LEAG-ExMAG Nominal Artmis Samples Specific Action Team (NAS-SAT) Report. *Joint report by the Lunar Exploration Analysis Group and Extraterrestrial Materials Assessment Group*. (Report currently with NASA)
8. Kring, D. A **et al.** (2020) Artemis III EVA Opportunities along a Ridge Extending from Shackleton Crater towards de Gerlache Crater. *NASA-requested White Paper*.
7. Kring, D. A., **et al.** (2020) Artemis III EVA Opportunities in the Vicinity of the Lunar South Pole on the Rim of Shackleton Crater. *NASA-requested White Paper*.
6. K. McCanaan **et al.** (2019) Topographic Contour Map of the Moon's South Pole Ridge. LPI Contrib. # 2213, https://repository.hou.usra.edu/handle/20.500.11753/1326.
5. K. McCanaan **et al.** (2019) Slope Map of the Moon's South Pole Ridge. LPI Contribution #2214, https://repository.hou.usra.edu/handle/20.500.11753/1327.
4. Harish **et al.** (2019) Slope Map between Shackleton and de Gerlache Craters, Lunar South Pole, Map 1. LPI Contribution #2227, https://hdl.handle.net/20.500.11753/1360.
3. Harish **et al.** (2019) Slope Map between Shackleton and de Gerlache Craters, Lunar South Pole, Map 2. LPI Contribution #2228, https://hdl.handle.net/20.500.11753/1361.
2. Harish **et al.** (2019) Slope Map of the Moon's South Pole (85°S to Pole), Map 1. LPI Contribution #2229, https://repository.hou.usra.edu/handle/20.500.11753/1366.
1. Harish **et al.** (2019) Slope Map of the Moon's South Pole (85°S to Pole), Map 2. LPI Contribution #2230, https://repository.hou.usra.edu/handle/20.500.11753/1367.

FUNDING

Total secured: $115,283 Currently pending: 3 proposals as PI.

Role: Title (amount)	***Source***	**Dates**
PI: Tracking Ejecta in the Artemis Region Through an Integrated Mapping and Modeling Campaign. ($71,818)	*NASA Goddard Planetary Geodesy Internal Scientist Funding Model.*	Jan 2026 – Dec 2026
FI: New Insights into extraterrestrial magmatic processes through a textural and chemical	*NASA SMD: Future Investigators in NASA Earth &*	Aug 2022 – May 2023

investigation of Apollo 11 group A lunar basalts. ($36,365)	*Space Science & Technology (#80NSSC22K1371).*	
PI: Petrogenesis of Apollo 11 basalts. ($4,000)	*AGU's Taylor Research Fund in Petrology and Geochemistry.*	Aug 2022 – May 2023
PI: Assessment of the Physical and Chemical Characteristics of Apollo Basalts. ($2,100)	*GSA PhD Student Research Grant.*	Aug 2021 – Aug 2022
PhD Student: Doctoral-Undergraduate Opportunity Scholarship. ($1,000)	*Miami University.*	Aug 2019 – May 2020

ASTROMATERIALS SAMPLE REQUESTS

Total requests: 2 Apollo requests. Currently pending: 1 request as PI.

Role: Title (request #)	***Source***	**Materials Granted**	**Date**
Science PI: Magmatic System Processes Recorded in Olivine Grains and Their Impacts on Planetary Melt Volatile Contents (request #3476).	*Astromaterials Allocation Review Board (AARB)*	Eight Apollo 15 chips and corresponding thin sections	2025
Science PI: New Insights into extraterrestrial magmatic processes through a textural and chemical investigation of Apollo 11 group A lunar basalts (request #3300).	*AARB*	Fourteen Apollo 11 thin sections	2022

SPACE MISSION INVOLVEMENT

Science Team Member 11/2023 – Present
Mass Spectrometer Observing Lunar Operations (MSolo)
PI: Janine Captain & Jacqueline Quinn, NASA Kennedy Space Center

Science Team Member 06/2023 – 7/2024
Peregrine Ion Trap Mass Spectrometer (PITMS)
PI: Barbara Cohen, NASA Goddard Space Flight Center

Student Observer 2020
Psyche Mission Science Team Meeting
PI: Lindy Elkins-Tanton, ASU

AWARDS

NASA Agency Honor - Group Achievement Award for PITMS Science Team 2025
NASA Goddard Sciences and Exploration Directorate Special Act Award 2024
NASA Goddard Sciences and Exploration Directorate Early Career Scientist Spotlight 2024
Miami University Geology Doctoral Research Award 2023
Miami University Graduate Student Association Travel Grant 2022
National Association of Geoscience Teachers (NAGT) Outstanding TA award 2022
Miami University Thesis and Dissertation Research Support Fund 2021
Miami University Geology Doctoral Research Award 2021

Lunar and Planetary Institute Career Development Award	2021
Miami University Graduate Student Association Travel Grant	2019
University of Notre Dame Center for Undergraduate Research & Excellence	2018
Dwornik Awards Honorable Mention, 49th Lunar and Planetary Science Conference	2018

COMMUNITY SERVICE

Officer, NASA Goddard Association of Postdoctoral and Early Career Scientists	2024 – Present
Lead, NASA-PEER Post-Baccalaureate constellation mentorship program	2024 – Present
Panelist, NASA ROSES review panel	2025
Peer review, for an article in Journal of Geophysical Research: Planets	2025
External panelist peer review, Polish-U.S. Fulbright Commission project	2025
Peer review, for an article in Journal of Geophysical Research: Planets	2025
Documentarian, Lunar community listening session at 55th LPSC.	2025
Peer review, for an article in Elements.	2025
Judge, Outstanding Student Presentation Awards (OSPA) at AGU meeting	2024
Panelist, NASA ROSES review panel	2024
Mentor, LPSC Insights program to support first-time LPSC attendees	2024
Judge, Dwornik Award, 54th LPSC	2024
Documentarian, Lunar Surface Science Workshop 22	2024
Exec. Secretary, LEAG-ExMAG Nominal Artemis Samples Specific Action Team	2024
Peer review, completed for scientific article submitted to Icarus	2023
Executive Secretary, NASA review panel	2023
Judge, Outstanding Student Presentation Awards (OSPA) at AGU meeting	2022
Event coordinator, Miami University chapter of AWG	2022 – 2023
PhD Student Representative, Departmental Faculty Meetings	2022 – 2023
Judge, Dwornik Award, 52nd LPSC	2021
Judge, Future Engineers Artemis Moon Pod Essay Contest	2021
Member, Miami University Committee for Data-Based Advocacy	2020 – 2021

SCIENCE OUTREACH

Organized NASA Goddard tour for 7 University of Maryland undergraduate students	2025
Volunteer, NASA/CRESST II Undergraduate Interaction Day	2024
Participant, HerStory: Women at Goddard event at the NASA Goddard Visitor Center	2024

SELECT PROFESSIONAL DEVELOPMENT

NASA GSFC workshop for ROSES proposal writers	2024
AGI workshop: Changing the academic culture around mental health	2024
LSSW 20: Geologic Mapping to Support Artemis Strategic Decisions	2023
NASA Inclusion Plan Best Practices workshop	2022
LSSW 16: Defining a Coordinated Lunar Resource Evaluation Campaign	2022
Advancing IDEA in Planetary Science	2022
Unlearning Racism in the Geosciences (seminars, pod meetings)	2021 – 2023
"EVA Exercise at Meteor Crater" led by Dr. David Kring through SSERVI	2021
Miami U. Center for Teaching Excellence: Evidence-Based, Anti-Racist Strategies for Leveraging Diversity and Empathy in a Classroom	2021
Workshop on Terrestrial Analogs for Planetary Exploration	2021
Miami U.Center for Teaching Excellence workshop: Virtual Teaching Strategies.	2020

CONFERENCE SESSIONS CONVENED

Organizer, "Under the Radar: Supporting Post-Bacs in an Increasingly Challenging Environment", *American Astronomical Society #247*. 2026

Moderator, "Lunar Landing Site Geology: Past, Present, and Future", *56th Lunar and Planetary Science Conference*. 2025

Moderator, "Constitution and Evolution of the Lunar Crust", *56th Lunar and Planetary Science Conference*. 2025

Co-Chair, "Melt, Emplace, Mix, Erupt! (MEME) Investigating the Dynamics of Magmatic Systems via Microanalysis", *joint North Central and Southeastern GSA*. 2022

Co-Chair, "Session II: Sample Science", *Lunar and Small Bodies Graduate Forum*. 2021

FIRST-AUTHOR CONFERENCE CONTRIBUTIONS

Invited Presentations

2022 **A. J. Gawronska,** Claire McLeod. Investigating Extraterrestrial Magmatic Processes: New Insights from the Physical and Chemical Characteristics of Apollo Basalts. Extraterrestrial Materials Analysis Group (ExMAG) Spring 2022 meeting.

Oral Presentations

2025 **A. J. Gawronska** and S. J. Boazman. Characteristics of the Ridge Crosscut by Shackleton Crater and Implications of Future Sampling Activities at the Lunar South Pole. 56th Lunar and Planetary Science Conference.

2024 **A. J. Gawronska,** J. Cann, K. Garofali, T. Hutchison, E. Lambrides, R. Maxwell, K. McKee. NASA-PEER: The Post-Baccalaureate Constellation Mentorship Program to Support and Empower Early Career Researchers in Space Science. American Geophysical Union meeting.

2022 **A. Gawronska**, C. L. McLeod, M. P. Loocke, B. Shaulis. The Evidence for Open Magmatic System Processes Recorded in the Crystal Cargoes of Lunar Basalts. Annual American Geophysical Union (AGU) meeting, abstract #1159975.

2021 **A. J. Gawronska,** C. L. McLeod, C. M. Gilmour. X-Ray Computed Tomography for the Preservation and Analysis of Materials Collected at the Lunar South Pole. Lunar Exploration and Analysis Group Annual Meeting, abstract #5012.

2021 **A. J. Gawronska,** C. L. McLeod, E. H. Blumenfeld, R. D. Hanna, R. A. Zeigler. New insights into lunar basalt flow emplacement from Apollo sample studies via X-ray computed tomography. 12th Annual Lunar and Small Bodies Graduate Forum.

2021 **A. J. Gawronska,** C. L. McLeod, E. H. Blumenfeld, R. D. Hanna, R. A. Zeigler. New Insights into Lunar Basalt Flow Morphologies from X-Ray Computed Tomography of Apollo Basalt Samples. Tomography for Scientific Advancement, North America conference.

2021 **A. J. Gawronska,** C. L. McLeod, E. Blumenfeld, R. Hanna, R. Zeigler. Lunar Magmatism: New Interpretations of Apollo Basalt Petrogenesis from X-Ray Computed Tomography. 52nd Lunar and Planetary Science Conference, #1090.

2020 **A. J. Gawronska,** C. L McLeod, E. Blumenfeld, R. Hanna, R. Zeigler. CT Scans of Lunar Rocks: New Interpretations and Insights into Sample Preservation. Annual Graduate Student Forum, Miami University.

2018 **A. J. Gawronska**, C. L. McLeod, R. Zeigler. Analyzing Moon Rocks: Is 3D Better than 2D? Annual Graduate Student Research Forum, Miami University, Ohio, USA (*oral*).

2018 **A. J. Gawronska**, K. Cronberger, C. R. Neal, R. Zeigler. Implications of Bimodal Olivine Compositions in VHK Basalts 49th Lunar and Planetary Science Conference, #1821.

Poster Presentations

2025 **A. J. Gawronska**, R. Aguilar Ayala, P. D. Archer, N. Azim, J. E. Captain, R. Carro, M. Crabtree, R. Gott, M. Hancock, A. Jarnot, J. Kleinhenz, A. McAdam, and the PRIME-1 Team. *Update on*

the PRIME-1 Payload Suite: A Prime Example of Success in a Challenging Lunar Landscape. LEAG annual meeting, #5094.

2025 **A. J. Gawronska**, Y. Arroyo, B. A. Cohen, B. Garry, T. Gregg, G. Morgan, A. Yingst. Remote Sensing Investigation of Sinus Viscositatis Mare Lava Flows Nearby the Gruithuisen Domes. 56th Lunar and Planetary Science Conference.

2024 **A. J. Gawronska** B. A. Cohen, S. J. Barber, F. A. J. Abernethy, S. Boccelli, N. M. Curran, P. D. Driggers, W. M. Farrell, D. A. Heather, C. Howe, P. F. Landsberg, V. López-Días, A. D. Morse, T. Morse, M. J. Poston, P. Prem, R. Trautner, O. J. Tucker, T. J. Warren. Water in Space: Investigating Volatile Species in Cislunar Space with the Peregrine Ion Trap Mass Spectrometer (PITMS). American Geophysical Union meeting (*poster)*

2024 **A. J. Gawronska**, B. A. Cohen, V. López-Días, M. Poston, P. Prem and the PITMS Science Team. Sinus Viscositatis: Implications of Young, KREEPy Mare Eruptions for Lunar Volatile Abundances and Origins. 55th Lunar and Planetary Science Conference.

2023 **A. J. Gawronska,** C. L. McLeod. New Insights into Magma Storage and Ascent on the Moon: An Integrated Textural, Mineralogical, and Geochemical Study of Apollo 11 High Potassium Basalts. Annual Geology Student Research Symposium, Miami University.

2023 **A. J. Gawronska,** A. Chamroontaneskul, M. R. Hughes, C. L. McLeod. Statistical Analysis of Apollo Basalt Whole Rock Compositions Reveals Four Compositionally Distinct Lava Groups. Annual Geology Student Research Symposium, Miami University.

2023 **A. J. Gawronska,** C. L. McLeod. New Insights into Magma Storage and Ascent on the Moon: An Integrated Textural, Mineralogical, and Geochemical Study of Apollo 11 High Potassium Basalts. 54th Lunar and Planetary Science Conference, abstract #2461.

2023 **A. J. Gawronska,** A. Chamroontaneskul, M. R. Hughes, C. L. McLeod. Statistical Analysis of Apollo Basalt Whole Rock Compositions Reveals Four Compositionally Distinct Lava Groups. 54th Lunar and Planetary Science Conference, abstract #2509.

2022 **A. J. Gawronska**, C. L. McLeod, M. Loocke, B. Shaulis. The Stories Told by Rocks from Other Worlds: The Petrogenetic Histories of Lunar Magmatic Systems as Told by Apollo. 14th Annual Graduate Research Forum at Miami University.

2022 **A. J. Gawronska**, C. L. McLeod, M. Loocke, B. Shaulis. The Petrogenetic Histories of Lunar Magmatic Systems as Told by Apollo. 53rd Lunar and Planetary Science Conference, #1125.

2021 **A. J. Gawronska,** C. L. McLeod. New insights into lunar magmatism: Investigating open system processes in basaltic magma reservoirs on the Moon. Annual American Geophysical Union (AGU) meeting, abstract #838758.

2020 **A. J. Gawronska**, M. R. Hughes, C. L. McLeod. Comparison of select major elements within the Apollo basalt suite via cluster analysis. Annual Goldschmidt meeting. https://doi.org/10.46427/gold2020.808

2020 **A. J. Gawronska**, C. L. McLeod, E. H. Blumenfeld, R. Hanna, R. A. Zeigler. Magma dynamics on the Moon: A computer tomography investigation of Apollo basalt vesicularity. 51st Lunar and Planetary Science Conference, #1245.

2020 **A. J. Gawronska**, C. L. McLeod, M. Hughes. Cluster analysis of Apollo basalt whole rock compositions. 51st Lunar and Planetary Science Conference, #1531.

2019 **A. J. Gawronska**, C. L. McLeod, E. Blumenfeld, R. Hanna, R. A. Zeigler. Preliminary Analyses of Apollo Samples via X-ray Computed Tomography. Annual Graduate Student Research Forum, Miami University.

2019 **A. J. Gawronska**, C. L. McLeod, E. H. Blumenfeld, R. Hanna, R. A. Zeigler. Preliminary Analyses of Apollo 15 Sample 15085 via X-ray Computer Tomography. 50th Lunar and Planetary Science Conference, #1660.

2019 **A. J. Gawronska**, and C. L. McLeod. Basalts: Insights into Planetary Magmatic Processes from the Moon and Earth. 50th Lunar and Planetary Science Conference, #3271.

RESEARCH MENTORSHIP

At NASA Goddard Space Flight Center
Yesenia Arroyo (post-baccalaureate researcher)

At Miami University
Katie Caudill (2023 BS graduate, Miami University)
Jared Brum (2022 MS graduate, Miami University)
Jenn Davis (2020 BS graduate, Miami University)

TEACHING EXPERIENCE

GLG 115L: **Understanding the Earth**, 1 credit hour, two sections taught independently.
- Fall 2018, Fall 2019, Spring 2020, Fall 2020, Fall 2021

GLG 357: **Igneous/Metamorphic Petrology**, 4 credit hours, one section co-taught.
- Spring 2019, Spring 2021, Spring 2022

FIELD EXPERIENCE

Yellowstone, Craters of the Moon, and Tetons with Miami U. field camp	2022
Led trips in St. Francois mountains, Missouri as TA at Miami University	2019, 2022
Led trips in local Peffer Park as TA at Miami University	2018, 2021, 2022
Basin and Range province; Death Valley, with University of Notre Dame.	2018

PROFESSIONAL MEMBERSHIPS

Geological Society of America (GSA, *since 2018*)
American Geophysical Union (AGU, *since 2021*)
Association for Women Geoscientists (AWG, *since 2022*)
National Association of Geoscience Teachers (NAGT, *since 2023*)