

Amber Elinsky MSc

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www.amberelinsky.com

Education

University of Edinburgh, Edinburgh, UK

MSc Science and Religion

Expected August 2024

Lycoming College, Pennsylvania, USA

Bachelor of Science in Physics

May 2023

Skills

Technical: Microsoft Teams/Excel/Word, Data Analysis, Report Writing, Slack, Literary Analysis

Interpersonal: Event Planning, Empathy, Diplomacy, Detail-Oriented, Conflict Resolution, Organization

Languages: English (Native); Spanish (A2 level)

Relevant Work Experience

Physics Content Writer, Scientia News

January 2024 – present

- Producing public-focused articles simplifying complex physics into digestible explanations
- Collaborating effectively with other writers on specialized articles series

Assistant Training Coordinator Assistant, LearnQuest

May – September 2023

- Assisted Training Coordinators with tasks resulting in increased team productivity
- Generated and distributed client documentation
- Planned and managed class execution

Physics/Astronomy/Writing Tutor, Lycoming College

2020 – 2023

- Worked with several students long-term to successfully improve grades from Fail to Pass
- Mentored in one-on-one and group settings
- Broke down complex concepts into manageable pieces for clarity

Leadership Experience

Executive Officer, Society of Physics Students

2019 – 2023

- Positions: President, Vice President, Public Relations Chair
- Major Events Planned/Directed/Budgeted
 - Attendance of Physics Congress of 2022, 2024
 - Green Bank Observatory, West Virginia
 - 2023 Zone 3 SPS Meeting, first time Lycoming College hosted
 - Annual Sigma Pi Sigma Honors Society inductions
- Workshops Created
 - Annual Python and LaTeX workshop for STEM students
 - Networking events with career professionals as keynote speakers
 - Internship and REU application support sessions
 - Imposter Syndrome support sessions

Conferences Attended

- Conference for Undergraduate Women in Physics 2020, 2021, 2022, 2023
- Physics Congress of 2019, 2022
- APS Mentoring Conference 2021, APS Nuclear Physics Conference 2021
- Society of Physics Students Zone 3 Meeting 2022, 2023

Research Experience

MSc Essays 2023 – 2024

University of Edinburgh, Edinburgh, UK

- “Francis of Assisi as a Non-Anthropocentric Value Theory for Environmental Ethics”
- “Using Heisenberg’s Uncertainty Principle to Relieve the Tension Between Laplace’s Demon and Free Will”
- “Monster or Human: Frankenstein’s Creation, Human Uniqueness, and the Imago Dei”
 - Accepted to European Society for the Study of Science and Theology Conference 2024
- “Pantheism: Reconciling the Problem of Evil with the Strong Anthropic Principle”

Research in Religion, Senior Thesis December 2022

Lycoming College, Williamsport, PA

- “Casualties of a Fake War: The Conflict Thesis, History of Science, and Education”
- Demonstrated consequences of the Conflict Thesis within science education using Isaac Newton
- Presented at Lycoming College Physics colloquium series and Religion faculty and administration

Cambridge University, Cambridge, England, UK

Lycoming College, Williamsport, PA, USA

History of Science Haberberger Researcher May – September 2022

- Transcribed Isaac Newton manuscript at Cambridge University Library
- Transcription submitted to Opuscula: Short Texts of the Middle Ages and Renaissance
- Presented at Lycoming College Career for Enhanced Academic Experiences Fair

Research in Physics, Senior Thesis May 2022

Lycoming College, Williamsport, PA, USA

- “Using Original MIT Solar Panels to Assess Energy Efficiency Advancements Between 1970 and 2020”
- Explored evolution of green energy efficiency using 1980 MIT solar panels and 2020 data sets
- Presented at Lycoming College Department of Astronomy and Physics Colloquium series

Professional Affiliations and Honors

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| National Association of Science Writers | 2024 |
| Q.E.D. Award for Outstanding Departmental Service | 2023 |
| Theta Alpha Kappa Honors Society | 2023 |
| Haberberger Research Fellow | 2022 |
| Sigma Pi Sigma Honors Society | 2022 |
| Dean’s List Recipient | Fall 2022 |
| Dean’s List Recipient | Spring 2022 |
| Order of Omega Honors Society | 2021 |
| National Science Foundation STEM Scholarship | 2019 |
| Dean Scholarship | 2019 |