

# Amber Elinsky MSc

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## Professional Summary

Trained in interdisciplinary research with experience in leadership, editing, and project management.

Research interests: Physics, History/Philosophy of Science, the Conflict Thesis

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## Education

2023 - 2024

### University of Edinburgh MSc Science and Religion

Dissertation: "Wicca, Nature, and Mars Colonization: Approaching the Concept of Nature on Mars through a Gardnerian Wicca Lens"

Advisor: Rev. Dr. Michael Fuller

2019 - 2023

### Lycoming College BS Physics

Physics Thesis: "Using Original MIT Solar Panels to Assess Energy Efficiency Advancements Between 1970 and 2020"

Advisor: Dr. David Fisher

Religious Studies Thesis: "Casualties in a Fake War: The Conflict Thesis, History of Science, and Education"

Advisor: Dr. Michael E. Heyes

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## Research Projects

Jan. – April 2024

### MSc Spring Research Essays

- "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"
- Dissertation Proposal

Sept. – Dec. 2023

### MSc Winter Research Essays

- "Monster or Human: Frankenstein's Creation, Human Uniqueness, and the Imago Dei"
- **Accepted to present at ESSAT 2024**
- "Pantheism: Reconciling the Problem of Evil with the Strong Anthropic Principle"
- "The Buddha of the Jātakas: Visionary, Exemplar, Hero, or Teacher"

Aug. – Dec. 2022

### Religious Studies Senior Thesis

Lycoming College

- Advisor: Dr. Michael E. Heyes
- "Casualties of a Fake War: The Conflict Thesis, History of Science, and Education"
- Explores the relationship between the Conflict Thesis and current physics education
- **Presented to Lycoming College Religion Department**

May – Sept. 2022

### Haberberger Student Fellow Research

Lycoming College

- Advisor: Dr. Michael E. Heyes
- "Exploring the Relationship Between the History of Science and Christianity as it Relates to Isaac Newton"
- Transcribed the Journal of John Wickens, providing insight into religious view of Isaac Newton
- **Presented at Lycoming College 2022 Poster Session**

Jan. – May 2022

**Physics Senior Thesis**

Lycoming College

- Advisor: Dr. David Fisher
- "Using Original MIT Solar Panels to Assess Energy Efficiency Advancements Between 1970 and 2020."
- Built solar panel circuit using MIT panels
- Graphed and analyzed energy efficiency data from circuit using Python
- **Presented to Lycoming College Physics Department**

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**Technical Skills**

Editing  
Proofreading  
Microsoft Excel/Word  
Python

AP/Chicago Style  
SEO  
Data Collection  
Literary Analysis

**Soft Skills**

Detail-Oriented  
Diplomacy  
Empathy  
Innovation

Adaptability  
Organization  
Time Management  
Willingness to Learn

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**Leadership**

2022 – 2023

**Vice President**

Society of Physics Students

- Wrote yearly progress report to submit to national headquarters
- Oversaw production of several simultaneous projects
- Assisted with researching/planning of budget conference attendance, and organization resources

2021 – 2022

**President**

Society of Physics Students

- Liaised between executive team and general members
- Planned Zone 3 Physics Conference 2023
- Oversaw budget, project schedules, biweekly progress reports

2021 – 2022

**Tour Guide**

Lycoming College Admissions

- Creating relationships with prospective students
- Assuaged student and family concerns

2020 – 2021

**Public Relations Chair**

Society of Physics Students

- Designed innovative flyers via Canva
- Analyzed marketing interaction statistics with public
- Negotiated between executive team and general members regarding future plans

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**Languages**

English  
Spanish

Native language  
Intermediate Speaking, Reading/Writing, Listening

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**Professional Affiliations**

2024

**National Association of Science Writers**

2023

**Theta Alpha Kappa Honors Society**  
Religion Studies

2022

**Haberberger Research Fellow**

2022

**Sigma Pi Sigma Honors Society**  
Physics and Astronomy

2021

**Order of Omega Honors Society**  
High Achieving Academics