Amelia Greathouse

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Education

- McGill University-Montreal, Quebec, Canada
  1st Year of M.Sc. in Physics

- East Tennessee State University-Johnson City, TN, United States
  Honors B.S. in Physics 2023
    - ➤ GPA: 3.77
    - ➤ Thesis Title: "Development of Back-scatter and Pile-up Identification for UCNA+"
    - ➤ Minor in Mathematics
    - ➤ Minor in Music

- Kansai Gaikokugo Daigaku-Hirakatashi, Osaka, Japan
  Semester Abroad Fall 2023

Memberships

- American Physical Society (APS)
- Society for Physics Students (SPS)
- Collaboration Member: UCNA+

Publications

1. "Development of Back-scatter and Pile-up Identification for UCNA+", Amelia Greathouse, https://dc.etsu.edu/honors/809/ (2023)

Poster Presentations

1. "Development of Back-scatter and Pile-up Identification for UCNA+", Amelia Greathouse, CUWiP Auburn University (2023)
2. "Development of Back-scatter and Pile-up Identification for UCNA+", Amelia Greathouse, Fall Meeting of APS DNP and JPS (2023)

Previous Work Experience

- 9/2024 - Present: Teaching Assistant at Mcgill University (Montreal, QC)
- 2/2024 - 7/2024: Instructor at AstroCamp (Idyllwild, CA)
- 5/2023 - 6/2023: Student Researcher at East Tennessee State University (Johnson City, TN)
- 8/2021 - 4/2023: Starbucks Barista (Johnson City, TN)