

ANNIE GIMAN

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EDUCATION

Johns Hopkins University <i>Ph.D. in Astronomy and Astrophysics</i>	Aug 2024 – Present Baltimore, MD
Yale University <i>B.S. in Astrophysics with Distinction</i>	Aug 2019 – May 2024 New Haven, CT

RESEARCH EXPERIENCE

Space Telescope Science Institute and JHU <i>Daividsen Fellow</i> <ul style="list-style-type: none">• Project: NIR and MIR Spectroscopy of luminous nearby QSOs• Advisors: Dr. Andreea Petric and Professor Tim Heckman	Aug 2024 – Present Baltimore, MD
California Institute of Technology <i>Summer Undergraduate Research Fellow</i> <ul style="list-style-type: none">• Project: Disentangling a New Compton-Thick AGN From a Serendipitous Quasar Using Broadband X-Ray Spectral Modelling• Advisors: Professor Fiona Harrison and Dr. Peter Boorman	Jun 2023 – Present Pasadena, CA
Yale Center for Astronomy and Astrophysics <i>Undergraduate Researcher</i> <ul style="list-style-type: none">• Project: Weighing Supermassive Black Holes from Infrared Spectra of Obscured AGN• Advisors: Professor Meg Urry and Dr. Mislav Baloković	Aug 2022 – Present New Haven, CT
North Carolina State University <i>Computational and Data Science in Astrophysics NSF REU Intern</i> <ul style="list-style-type: none">• Project: Modeling Cool Glass Outflow Kinematics of the Fermi Bubbles• Advisor: Professor Rongmon Bordoloi	May 2022 – Aug 2022 Raleigh, NC
Wright Laboratory and Yale University <i>Research Assistant</i> <ul style="list-style-type: none">• Project: Rydberg Atoms as Quantum Sensors for Dark Matter• Advisor: Professor Reina Maruyama and Dr. Sumita Ghosh	May 2020 – Aug 2021 New Haven, CT & Remote

TALKS

New England Regional Quasar and AGN Meeting (NERQUAM) , University of Rhode Island	May 2023
Conference for Undergraduate Women in Physics Flash Talk , Brown University	Jan 2023
Public Science Talk , North Carolina Museum of Natural Sciences	Aug 2022
Wright Lab Summer Student Research Symposium , Yale University	Aug 2021

POSTERS

243rd American Astronomical Society Meeting (AAS 243)	Jan 2024
Conference for Undergraduate Women in Physics	Jan 2023
North Carolina State University Research Symposium	Aug 2022

AWARDS AND FELLOWSHIPS

Graduate Research Fellowship , National Science Foundation	2024
Daidsen Fellowship , Space Telescope Science Institute	2024
Undergraduate Scholarship , NASA CT Space Grant	2022
John E. Linck & Alanne Headland Linck Fellowship (x2), Yale College	2020 & 2021
36 Under 36 , New York Jewish Week	2019

COMMUNITY AND OUTREACH

Yale Astronomical Society , Co-Founder and Co-President	Sep 2022 – Present
Slifka Center for Jewish Life at Yale , Student Representative to Board of Trustees	Jun 2022 – Jun 2023
Yale Women in Physics , Co-President and Treasurer	May 2020 – Jun 2022
Distilled Periodical , Outreach Coordinator and Developmental Editor	Sep 2020 – May 2022
Hillel Student Board , Jewish Culture Chair	Apr 2020 – Mar 2021
Splash at Yale , Teach outreach classes to high schoolers (click for classes)	Apr 2023

OBSERVATIONAL EXPERIENCE

Palomar Telescope (3 nights); PI: Mislav Baloković

TEACHING

ASTR 160: Frontiers and Controversies in Astrophysics , Undergraduate Learning Assistant (TA)	Fall 2023
ASTR 210: Stars and their Evolution , Science and Quantitative Reasoning Tutor	Spring 2023
PHYS 401: Advanced Classical Physics , Science and Quantitative Reasoning Tutor	Fall 2022

SKILLS AND HOBBIES

Skills: Python, Spectral Fitting (Xspec, PySpecKit), Bayesian Statistics (Emcee, BXA), Parallelization (Open MPI, MPI4Py), Java, Solidworks, L^AT_EX

Hobbies: Knitting, Fantasy Baseball, Community Organizing, Inner Tube Water Polo, Poker