

Eyan Weissbluth

6264 N 73rd Street • Scottsdale, Arizona 85250 • (646) 647-5538 • eweissbl@asu.edu

Education

Arizona State University, School of Earth and Space Exploration
Bachelors in Science, Major in Astrophysics. GPA: 3.94/4.00

August 2022 - Present

Research Experience

Arizona State University

January 2025 - Present

Researcher with Dr. Rogier Windhorst

- Run calculations of exposure times for various cameras and filters on the Hubble Space Telescope
- Investigate objects in data from ASCWFC F814W that cannot be identified as stars or galaxies using programs such as Galfit.

Arizona State University

August 2024 - Present

NASA Space Grant Intern with Dr. Tuna Yildirim

- Conduct data collection on how knowledgeable STEM researchers are in the field of philosophy of science and the ability of college students to scientifically reason.
- Analyze education data to determine how to best teach science to students.

Arizona State University

August 2023 - May 2024

NASA Space Grant Intern with Dr. Sanchayeeta Borthakur and Mansi Padave

- Examine data from the Large Binocular Telescope to study stellar formation in other galaxies.
- Use programs such as Source Extractor and DS9 to identify stellar populations and examine relative ages.

Arizona State University in collaboration with Winona State University and Brown University

May 2023 - August 2023

Summer Researcher with Dr. Danny Jacobs and Libby Berkhout

- Worked on the Completely Hackable Amateur Radio Telescope (CHART) project.
- Used Python with a variety of packages to analyze radio telescope data to create rotation curves of the Milky Way galaxy.
- Created tutorials so that high school students can take their data and turn it into a rotation curve.

Other Experience

U.S. House of Representatives

July 2025 - August 2025

Legislative Intern in the office of Rep. Steny Hoyer

- Research current legislation, markups, and hearings to write informative memos.
- Help the office with logistical and operational needs.
- Answer phone calls from constituents, other offices, and people of interest to the Congressman.

The Anti-Defamation League

October 2024 - Present

Desert Intern

- Work with ADL lobbyists and members of the Arizona State Legislature to pass hate crime legislation.
- Organize and run conferences hosted by the ADL to educate school administrators, students, and community members on how to combat different forms of anti-Semitism.

ASU Barrett Housing

January 2024 - Present

Residential Assistant

- In charge of resident safety and well-being on my floor.
- Created and ran multiple events to help foster a sense of community for incoming freshmen.

ASU Undergraduate Student Government - Tempe

July 2025 - Present

College of Liberal Arts and Sciences Senator, Appropriation Committee

- Represent the students of the CLAS to the student government.
- Review and approve funding for the club event and operational funding request.

Community Involvement

Jewish Life at ASU

August 2024 - Present

Chabad and Olami Board Member

- Organize and run community events that enhance Jewish life at ASU.
- Encourage Jewish students to connect with their history and culture.

Zero Tolerance for Antisemitism on Campus
Representative to the U.S. Congress

February 2024

- Help raise awareness of rampant Jew-Hatred at Universities.
- Speak to members of Congress about solutions to the issues facing Jewish students.

Sundevils for Israel (Students Supporting Israel)
Co-President

October 2024 - Present

- Create educational material to promote healthy and productive conversation about Israel on campus.
- Work with fellow board members on events and how to connect students with Israel.

Open House Committee at ASU School of Earth and Space Exploration
Committee member

October 2022 - May 2024

- Organize, set up, and run several events that SESE opens to the public.
- Help grow community interest in the space sciences.

ASU School of Earth and Space Exploration
Camp SESE mentor

August 2024 - Present

- Help organize a camp for freshmen in SESE.
- Get students involved with the SESE community and introduce them to professors.

Sundial Mentorship Program
Mentor and Committee Member

May 2023 - Present

- Help physics freshmen acclimate to college and answer any questions they have.
- Meet annually with other physics mentorship programs from across the country in order to improve our ability to help students.

Talks

“Stellar Populations of NGC 3344”

April 2024

NASA Space Grant Internship Conference

- Discussed the research that I conducted with my mentor during my year-long internship.
- Examines the stellar evolutionary history of Extended Ultraviolet Disk galaxies.

“The Importance of Philosophy of Science in Science Education”

April 2025

NASA Space Grant Internship Conference

- Discussed the project that I created and worked on during my year-long internship.
- Analyzed how philosophy of science is viewed in STEM fields and how to incorporate it into education.

Computer Skills

Word, Excel, PowerPoint, Logger Pro, Python, Source Extractor, DS9, LaTeX

Awards

Samantha Stachel Play Big Scholarship

April 2022

Garcia Family Foundation Scholarship

April 2022

Dean's List

Fall 2022 - Fall 2025

Student Leader in the College of Liberal Arts and Sciences at ASU

December 2025

Relevant Coursework

Physics: Physics I, II, II, Quantum Physics I, II, Astrophysics I, II, Computational Methods in Physics,
Astronomy: Earth, Solar System, and Universe, Exploration of the Universe, Coding for Exploration, Intro to Planetary and Stellar
Astrophysics, Intro to Galactic/Extragalactic Astrophysics
Math: Calculus I, II, III, Differential Equations, Mathematical Methods in Physics I, II, Probability for Risk Management
Science and Technology Policy: Responsible Innovation and Research, Navigating Futures Analysis