

EDUCATION

Ph.D. in Astronomy & Astrophysics Yale University	New Haven, CT Aug 2021 – present
M.S. in Philosophy & Astronomy Yale University	New Haven, CT Aug 2021 – May 2023
B.S. in Astronomy University of California, Santa Cruz	Santa Cruz, CA Sep 2015 - June 2019

RESEARCH POSITIONS

Ph.D Candidate, Yale University Thesis Advisor: Prof. Frank van den Bosch	July 2022 - present
Graduate Research Rotations, Yale University Advisor: Prof. Marla Geha	Aug 2021 - July 2022
Research Intern, NASA Ames Pls: Dr. Naseem Rangwala, Dr. Sarah Nickerson	Feb 2020 - May 2021
Gemini/HST Cluster Project Intern, Gemini N. Observatory Pls: Dr. Inger Jorgensen, Dr. Kristin Chiboucas	May 2020 - Sep 2020
USRA Research Assistant, NASA Ames PI: Dr. Randolph Klein	June 2019 - Feb 2020
Undergraduate Researcher, UC Santa Cruz Advisor: Prof. J. Xavier Prochaska	June 2017 - June 2019

PUBLICATIONS

Monzon, J. Sebastian; van den Bosch, Frank C.; Mitra, Kaustav “ Constraining the Stellar Halo Mass Relation with Surveys of Satellite Galaxies ”, DOI:10.3847/1538-4357/ad834e	(2024)
Monzon, J. Sebastian; Prochaska, J. Xavier; Lee, Khee-Gan; Chisholm, John “ Effective Opacity of the Intergalactic Medium from Galaxy Spectra Analysis ”, DOI:10.3847/1538-3881/ab94c2	(2021)
Nickerson, Sarah; Rangwala, Naseem; Colgan, Sean; DeWitt, Curtis; Monzon, J. Sebastian et al. “ The Mid-infrared Molecular Inventory toward Orion IRC2 ”, DOI:10.3847/1538-4357/aca6e8	(2023)
Levesque, Emily M. with Monzon, J. Sebastian “ AAS Graduate Admissions Task Force: Final report and recommendations ”	(2025)
Nickerson, Sarah; Monzon, J. Sebastian et al. “ SOFIA/EXES High Resolution Emission Line Spectra Toward Orion IRC2 ”	(in prep.)

PRESENTATIONS

IAU 403 Symposium oral presentation	Oct 2025 Cordoba, Spain
Galactic Frontiers II: Dwarf Galaxies in the Local Volume and Beyond poster presentation	June 2025 Hanover, New Hampshire
Harvard ITC Luncheon oral presentation	Feb 2025 Boston, Massachusetts
Santa Cruz Galaxy Workshop oral presentation	Aug 2024 Santa Cruz, California
Dwarf Galaxies, Star Clusters and Stellar Streams poster presentation	July 2024 Chicago, Illinois
Galactic Frontiers: Dwarf Galaxies in the Local Volume and Beyond oral presentation	July 2023 New York, New York

241st AAS Conference*poster presentation*

Jan 2023

Seattle, Washington

NASA Ames Center-Wide Internship Presentations*oral presentation*

Aug 2020

Mountain View, California

235th AAS Conference*poster presentation*

Jan 2020

Honolulu, Hawaii

Revealing Cosmology and Reionization History with the IGM*poster presentation*

Sep 2018

Tokyo, Japan

SERVICE & LEADERSHIP

AAS Committee for the Status of Minority Students in Astronomy (CSMA)

Jan 2024 - present

- Published recommendations aimed at improving the state of graduate admissions in astronomy
- Serving on a graduate admissions task force
- Participating in monthly committee meetings

Astronomy Graduate Congress (AGC)

Oct 2023 - present

- Co-created a new organization of astronomy graduate students across the country
- Developed student advocacy cheat-sheet
- Co-organized Speak Out for Science - Testimonial Day of Action with the AAS
- Developing projects aimed at increasing a sense of community and equity in graduate programs

Yale's Astronomy Climate and Diversity Committee

Fall 2022 - present

- Developing undergraduate workshops to maximize effectual access to research
- Advising faculty about equitable practices concerning qualifying exams
- Overseeing organizational tasks to keep the committee active and efficient

YSACNAS Chapter

Dec 2023 - present

- Acting chair of the professional development committee
- Co-organized first ever Spanish Night at Public Observatory/Planetarium
- Participating in monthly organizational meetings

Graduate Student Assembly

Sep 2023 - June 2023

- Participating in bi-weekly assemblies as the elected department delegate
- Advising and reporting on issues concerning graduate student wages
- Acting as channel of communication between faculty and graduate students

AWARDS AND RECOGNITION

- | | |
|---|------------|
| • Diversity, Equity, Inclusion & Belonging Departmental Service Award | 2024 |
| • Yale Teaching Innovation Project (TIP) Grant | 2023 |
| • Yale Gruber Science Fellow | 2021 |
| • UC Santa Cruz Senior Thesis Honors, Dean's Honors | 2019 |
| • Lamat REU Fellowship | 2017, 2018 |

TEACHING & MENTORING

• Professional Development Workshops for Central American - Caribbean Bridge in Astrophysics	Sep 2025 - present
• Yale Astronomy Research Preparation Seminar (Astro-RPS)	Sep 2024 - present
• Yale Graduate Student Teaching Assistant	Aug 2021 - May 2024
• Yale AstroSibs	Oct 2021 - present
• Mini Research Project for YSPA High School Student	Aug 2023 - Dec 2023
• UCSC Academic Excellence Program Co-leader	Aug 2018 - June 2019