

EDUCATION

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

RESEARCH POSITIONS

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

Santa Cruz Galaxy Workshop <i>oral presentation</i>	August 2025 Santa Cruz, California
Galactic Frontiers II: Dwarf Galaxies in the Local Volume and Beyond <i>poster presentation</i>	June 2025 Hanover, New Hampshire
Harvard ITC Luncheon <i>oral presentation</i>	Feb 2025 Boston, Massachusetts
Santa Cruz Galaxy Workshop <i>oral presentation</i>	August 2024 Santa Cruz, California
Dwarf Galaxies, Star Clusters and Stellar Streams <i>poster presentation</i>	July 2024 Chicago, Illinois
Galactic Frontiers: Dwarf Galaxies in the Local Volume and Beyond <i>oral presentation</i>	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)

January 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

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| • 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

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| • 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 |