

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>PIs: Dr. Naseem Rangwala, Dr. Sarah Nickerson</i>	Feb 2020 - May 2021
Gemini/HST Cluster Project Intern, Gemini N. Observatory <i>PIs: 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

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

241st AAS Conference <i>poster presentation</i>	Jan 2023 Seattle, Washington
NASA Ames Center-Wide Internship Presentations <i>oral presentation</i>	Aug 2020 Mountain View, California
235th AAS Conference <i>poster presentation</i>	Jan 2020 Honolulu, Hawaii
Revealing Cosmology and Reionization History with the IGM <i>poster presentation</i>	Sep 2018 Tokyo, Japan

SERVICE & LEADERSHIP

AAS Committee for the Status of Minority Students in Astronomy (CSMA)	Jan 2024 - present
<ul style="list-style-type: none"> 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
<ul style="list-style-type: none"> 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
<ul style="list-style-type: none"> 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
<ul style="list-style-type: none"> 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
<ul style="list-style-type: none"> 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