

## EDUCATION

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

## RESEARCH POSITIONS

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

## PUBLICATIONS

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

## PRESENTATIONS

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<b>Harvard ITC Luncheon</b> <i>oral presentation</i>	Feb 2025 Boston, Massachusetts
<b>Santa Cruz Galaxy Workshop</b> <i>oral presentation</i>	August 2024 Santa Cruz, California
<b>Dwarf Galaxies, Star Clusters and Stellar Streams</b> <i>poster presentation</i>	July 2024 Chicago, Illinois
<b>Galactic Frontiers: Dwarf Galaxies in the Local Volume and Beyond</b> <i>oral presentation</i>	July 2023 New York, New York
<b>241st AAS Conference</b> <i>poster presentation</i>	Jan 2023 Seattle, Washington
<b>NASA Ames Center-Wide Internship Presentations</b> <i>oral presentation</i>	Aug 2020 Mountain View, California
<b>235th AAS Conference</b> <i>poster presentation</i>	Jan 2020 Honolulu, Hawaii
<b>Revealing Cosmology and Reionization History with the IGM</b> <i>poster presentation</i>	Sep 2018 Tokyo, Japan

## SERVICE & LEADERSHIP

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

January 2024 - present

- Serving on a graduate admissions task force
- Participating in monthly committee meetings

### Yale's Astronomy Climate and Diversity Committee

Fall 2022 - present

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

### Astronomy Graduate Congress (AGC)

Oct 2023 - present

- Co-created a new organization of astronomy graduate students across the country
- Developing projects and supporting initiatives that are in line with our mission statement

### 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

## 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

## 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