

## 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>Pls: Dr. Naseem Rangwala, Dr. Sarah Nickerson</i>	Feb 2020 - May 2021
<b>Gemini/HST Cluster Project Intern, Gemini N. Observatory</b> <i>Pls: 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.; Rey, Martin P. <b>"Statistical Predictions of the Accreted Stellar Halos around Milky Way-Like Galaxies"</b> , (submitted 2026)
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)
Levesque, Emily M. with Monzon, J. Sebastian <b>"AAS Graduate Admissions Task Force: Final report and recommendations"</b> (2025)
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>IAU 403 Symposium</b> <i>oral presentation</i>	Oct 2025 Cordoba, Spain
<b>Galactic Frontiers II: Dwarf Galaxies in the Local Volume and Beyond</b> <i>poster presentation</i>	June 2025 Hanover, New Hampshire
<b>Harvard ITC Luncheon</b> <i>oral presentation</i>	Feb 2025 Boston, Massachusetts
<b>Santa Cruz Galaxy Workshop</b> <i>oral presentation</i>	Aug 2024 Santa Cruz, California
<b>Dwarf Galaxies, Star Clusters and Stellar Streams</b> <i>poster presentation</i>	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

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**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

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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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• 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