

Jesse Feddersen, PhD

Astronomer & Educator

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EDUCATION

Yale University — MS, MPhil, PhD

New Haven, CT
AUGUST 2013 - DECEMBER 2019
Astronomy

Indiana University — BS, High Distinction

Bloomington, IN
AUGUST 2009 - MAY 2013
Majors: Physics, Astronomy/Astrophysics
Minor: Mathematics

EXPERIENCE

Yale University — Graduate Research/Teaching Fellow

New Haven, CT
AUGUST 2013 - AUGUST 2019
PhD Thesis Title: Impacts of star formation feedback on the Orion Molecular Cloud
Thesis Advisor: Dr. Héctor Arce
Led discussion sections, organized observing sessions, and advised undergraduate students in four courses.

Leitner Family Observatory and Planetarium — Presenter

New Haven, CT
FEBRUARY 2014 - AUGUST 2019
Present planetarium shows and operate telescopes for thousands of visitors.

Yale Summer Program in Astrophysics — Teaching Fellow

New Haven, CT
SUMMER 2016 and 2017
Designed and led computing tutorials and observing labs for high school students at an intensive summer research program.
Program Director: Dr. Michael Faison

Astrobites — Author and Editor

DECEMBER 2014 - DECEMBER 2016
Wrote and edited monthly articles translating recently published astrophysics papers for a target audience of STEM undergraduates.

SKILLS

Scientific writing, both academic and popular

Public speaking and planetarium presenting

Audio recording and editing

SOFTWARE

Python, LaTeX, HTML/CSS

Google Suite, Microsoft Office, iWork

GarageBand, Audacity

iMovie

Adobe Photoshop, GIMP