

Theo Richardson | Ph.D. Candidate, University of Florida

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Education

University of Florida — Ph.D. in Astronomy	In progress
University of Florida — M.S. in Astronomy	2022
Cornell University — B.A. in Astronomy/Astrophysics	2019

Employment

Graduate Research Assistant — University of Florida	2020 - Present
Graduate Teaching Assistant — University of Florida	2019 - 2020, 2023
Undergraduate Research Assistant — Cornell University	2018 - 2019

Areas of Research

- Star formation theory, particularly how mechanisms of accretion and evolution relate to the stellar initial mass function
- Measurements of the core mass function as a window into the local physics of star formation
- Computational methods/software development for analysis of star-forming regions

Publications

Richardson, T., Ginsburg, A., Indebetouw, R., and Robitaille, T. (2024)

Teaching Experience

Courses

Summer 2023	TA/Instructor — IDS 2935, Knowledge and the Universe
Spring 2020	TA/Instructor — AST 1022-L, Astronomy Laboratory
Fall 2019	TA — AST 2003, Intro to the Solar System

Workshops

UF Preparing Future Faculty, Fall 2023

Fellowships/Awards

McKnight Doctoral Fellowship (2019-2024)

Best Poster, Olympian Symposium (2023)

AAS Travel Grant, Olympian Symposium (2023)

Conferences/Events

Olympian Symposium, 2023 - Poster

code/astro, 2023 - Attendee

From Stars to Galaxies II, 2022 - Poster

AAS 237, 2021 - Oral Presentation, Panel on High-mass Star Formation

Outreach

UF CTO (2019-2024, as available)

UF Starry Night, 2019