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

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

Publications

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

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

Fellowships/Awards

McKnight Doctoral Fellowship (2019-2024)

Best Poster, Olympian Symposium (2023)

AAS Travel Grant, Olympian Symposium (2023)

Conferences

Olympian Symposium, 2023 - Poster

From Stars to Galaxies II, 2022 - Poster

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

Workshops

code/astro, 2023

Outreach

UF CTO (2019-2023, as available)

UF Starry Night, 2019