# BENJAMIN K. CAPISTRANT

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#### EDUCATION

### PhD in Astronomy

2022 - present

University of Florida

### **MSc in Astronomy**

2022-2024

University of Florida

### BS in Physics, BS in Astronomy-Physics, & Certificate (Minor) in Mathematics

2017 - 2021

University of Wisconsin-Madison

#### Professional Experience

### **Graduate Student Research Assistant**

Aug 2022 - present

Dr. Jason Dittmann, University of Florida

Research Assistant May 2021 - Aug 2022

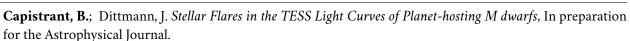
Professor Andrew Vanderburg & Dr. Melinda Soares-Furtado,

Massachusetts Institute of Technology & University of Wisconsin-Madison

Research Assistant Sep 2020 - Sep 2021

Professor Ke Zhang, University of Wisconsin-Madison

# Publications (D



Capistrant, B.; Soares-Furtado, M.; Vanderburg, A.; Jankowski, A.; Mann, A.; Ross, G.; Srdoc, G.; Hinkel, N.; Becker, J.; Magliano, C.; Limbach, M.; Stephan, A.; Nine, A.; Tofflemire, B.; Kraus, A.; Giacalone, S.; Winn, J.; Bieryla, A.; Bouma, L.; Ciardi, D.; Collins, K.; Covone, G.; de Beurs, Z.; Huang, C.; Jenkins, J.; Kreidberg, L.; Latham, D.; Quinn, S.; Seager, S.; Shporer, A.; Twicken, J.; Wohler, B.; Vanderspek, R.; Yarza, R.; Ziegler, C. TESS Hunt for Young and Maturing Exoplanets (THYME) XI: An Earth-sized Planet Orbiting a Nearby, Solar-like Host in the 400 Myr Ursa Major Moving Group, 2024, The Astronomical Journal, 167, 2 [ADS].

**Capistrant, B.**; Soares-Furtado, M.; Vanderburg, A.; Kounkel, M. Rappaport, S.A Population of Dipper Stars from the Transiting Exoplanet Survey Satellite Mission, 2022, The Astrophysical Journal Supplement Series, 263, 1. [ADS]

# Presentations

## Poster Presentation, Extreme Solar Systems V, New Zealand

March 2024

Poster: The non-negligible activity of "inactive" M dwarfs measured by TESS and implications for JWST Observations

### Talk, Graduate Student Symposium, University of Florida

October 2023

Oral presentation: Stellar flares in the TESS light curves of planet-hosting M-dwarfs

# Invited Talk, Monday Science Seminar, UW-Madison

January 2022

Oral presentation: Classifying the Light Curve Morphology of Dipper Stars

### TEACHING AND OUTREACH

## **Graduate Teaching Assistant**

Aug 2022 - Dec 2024

University of Florida

Astronomy and Astrophysics I (AST 3018)

Graduate level Observational Techniques in Astronomy (AST 6725C)

# Public observing nights volunteer

Aug 2022 - present

University of Florida

### Media & Press

NASA Discovery Alert, *Discovery Alert: Earth-sized Planet Has a 'Lava Hemisphere'*, C. Gohd, 2024 Astronomy Magazine, *Nearest young Earth-sized planet could shed light on how terrestrial worlds evolve*, S. Kunthunur, 2024

Ars Technica, Astronomers found ultra-hot, Earth-sized exoplanet with a lava hemisphere, J. Ouellette, 2024 SETI Live, Exploring a Hot, Young World: The Closest and Youngest Earth-sized Planet Discovered, B. Johnson, 2024

University of Florida News, *Young Earth-like Planet with Lava Oceans Spotted Near the Big Dipper*, E. Hamilton, 2024