Quang H. Tran

Curriculum Vitae

CONTACT INFORMATION

Department of Astronomy
The University of Texas at Austin
2515 Speedway, Stop C1400, Austin, Texas 78712

quangtran@utexas.edu
+1 (404) 641 2624
ORCID: 0000-0001-6532-6755

EDUCATION

Ph.D., The University of Texas at Austin *Expected Spring 2023*
Advisor: Brendan Bowler

A.B., University of Chicago *September 2014 – June 2018*
Heyman-Moritz Odyssey Scholar
Thesis: *The Distance to Sculptor via RR Lyrae Period-Luminosity Relations*
Advisor: Wendy Freedman

APPOINTMENTS

The University of Texas at Austin *Fall 2018 – Present*
Graduate Research Assistant

University of Chicago *Fall 2015 – Summer 2018*
Undergraduate Research Assistant

RESEARCH INTERESTS

- Understanding the evolution of giant planetary systems architecture and geometry.
- Characterizing the influence of stellar properties on planetary occurrence rates.
- Searching for hot and warm Jupiters around young, active stars.
- Constraining stellar activity of young, active stars at near–infrared wavelengths.

AWARDS AND HONORS

Graduate Continuing Bruton Fellow, The University of Texas at Austin *2020*
OGS Summer Only, The University of Texas at Austin *Summer 2020*

AWARDED GRANTS

FI, (Brendan Bowler, PI), Future Investigators in NASA Earth and Space Science and Technology ($135k)
Determining the Evolution and Migration of Young Giant Planets *2020*

CONTRIBUTED TALKS AND PRESENTATIONS

Establishing the Epoch of Planet Migration, Stars, Planets, and the ISM Seminar, The University of Texas at Austin, Austin, TX, May 6, 2020.

Planet Occurrence Rate for the Kepler A-dwarf Sample, Emerging Researchers in Exoplanet Science IV, Pennsylvania State University, State College, PA, June 21-22, 2018.

SELECTED POSTERS

Tran, Q. H., Bowler, B. P., Cochran, W. D., Endl, M., Mahadevan, S., Ninan, J., Stefánsson, G. K., 2020. *Constraining the Evolution and Migration of Young Giant Planets.* 235th AAS Meeting, Honolulu, HI.

Tran, Q. H., & Rogers, L. A., 2017. *Characterizing Planetary Occurrence Rates for the Kepler A-type Dwarf Sample.* National Collegiate Research Conference, Cambridge, MA.

TELESCOPE TIME AWARDED

PI, 2.7m Robert G. Tull Coudé Spectrograph, McDonald Observatory: *Evolution and Migration of Hot Jupiters*, 15 nights (2019-T1 – 2020-T3)

PI, Habitable Zone Planet Finder, Hobby-Eberly Telescope: *The Epoch of Giant Planet Migration*, 149.2 hours (2019-T1 – 2020-T3)

Co-I, (Jessica Luna, PI), Habitable Zone Planet Finder, Hobby-Eberly Telescope: *Observing Helium Outflows from Irradiated Exoplanets*, 133.8 hours (2019-T2 – 2020-T1)

TEACHING, MENTORING, AND OUTREACH	UT College of Natural Sciences First Generation FIG Mentor	*Fall 2019 – Spring 2020*
	UT Astronomy Department Graduate Student Mentor	*2018 – Present*
	TAURUS Scholars Program Graduate Student Mentor	*Summer 2019*
	UT Austin Astronomy on Tap, Member and Co-Host	*2019 – 2020*
TECHNICAL SKILLS	Proficient in Python2/Python3, Linux Systems, Bash Familiar with High-End/High-Performance Computing (Midway2, University of Chicago RCC; Lonestar5, The University of Texas at Austin TACC)	