

# 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	<b>Ph.D., The University of Texas at Austin</b> Advisor: Brendan Bowler	<i>Expected Spring 2023</i>
	<b>A.B., University of Chicago</b> Heyman-Moritz Odyssey Scholar Thesis: <i>The Distance to Sculptor via RR Lyrae Period-Luminosity Relations</i> Advisor: Wendy Freedman	<i>September 2014 – June 2018</i>
APPOINTMENTS	<b>The University of Texas at Austin</b> Graduate Research Assistant	<i>Fall 2018 – Present</i>
	<b>University of Chicago</b> Undergraduate Research Assistant	<i>Fall 2015 – Summer 2018</i>
RESEARCH INTERESTS	<ul style="list-style-type: none"><li>• Understanding the evolution of giant planetary systems architecture and geometry.</li><li>• Characterizing the influence of stellar properties on planetary occurrence rates.</li><li>• Searching for hot and warm Jupiters around young, active stars.</li><li>• Constraining stellar activity of young, active stars at near-infrared wavelengths.</li></ul>	
AWARDS AND HONORS	Graduate Continuing Bruton Fellow, The University of Texas at Austin OGS Summer Only, The University of Texas at Austin	<i>2020</i> <i>Summer 2020</i>
AWARDED GRANTS	FI, (Brendan Bowler, PI), Future Investigators in NASA Earth and Space Science and Technology (\$135k) <i>Determining the Evolution and Migration of Young Giant Planets</i>	<i>2020</i>
CONTRIBUTED TALKS AND PRESENTATIONS	<i>Establishing the Epoch of Planet Migration</i> , Stars, Planets, and the ISM Seminar, The University of Texas at Austin, Austin, TX, May 6, 2020. <i>Planet Occurrence Rate for the Kepler A-dwarf Sample</i> , Emerging Researchers in Exoplanet Science IV, Pennsylvania State University, State College, PA, June 21-22, 2018.	
SELECTED POSTERS	<b>Tran, Q. H.</b> , Bowler, B. P., Cochran, W. D., Endl, M., Mahadevan, S., Ninan, J., Stefánsson, G. K., 2020. <i>Constraining the Evolution and Migration of Young Giant Planets</i> . 235th AAS Meeting, Honolulu, HI. <b>Tran, Q. H.</b> , & Rogers, L. A., 2017. <i>Characterizing Planetary Occurrence Rates for the Kepler A-type Dwarf Sample</i> . National Collegiate Research Conference, Cambridge, MA.	
TELESCOPE TIME AWARDED	PI, 2.7m Robert G. Tull Coudé Spectrograph, McDonald Observatory: <i>Evolution and Migration of Hot Jupiters</i> , 15 nights (2019-T1 – 2020-T3) PI, Habitable Zone Planet Finder, Hobby-Eberly Telescope: <i>The Epoch of Giant Planet Migration</i> , 149.2 hours (2019-T1 – 2020-T3) Co-I, (Jessica Luna, PI), Habitable Zone Planet Finder, Hobby-Eberly Telescope: <i>Observing Helium Outflows from Irradiated Exoplanets</i> , 100.0 hours (2019-T2 – 2020-T3)	

TEACHING,  
MENTORING,  
AND OUTREACH

UT College of Natural Sciences First Generation FIG Mentor	<i>Fall 2019 – Spring 2020</i>
UT Astronomy Department Graduate Student Mentor	<i>2018 – Present</i>
<i>TAURUS</i> Scholars Program Graduate Student Mentor	<i>Summer 2019</i>
UT Austin Astronomy on Tap, Member and Co-Host	<i>2019 – 2020</i>

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)