

# Zhilong Franklin Wang

ASTRONOMY PH.D STUDENT AT TEXAS A&M UNIVERSITY

✉ tx.ag/zfwang   ✉ zfwang2@tamu.edu   ☎ 0000-0001-9975-9196   🌐 franklin-wang1

## EDUCATION

<b>TEXAS A&amp;M UNIVERSITY</b> , PH.D. ASTRONOMY	AUG. 2022 - PRESENT
<i>Advisor:</i> Dr. Jonelle Walsh	
<i>Project:</i> Stellar dynamical modeling of supermassive black holes with large scale integral-field spectroscopy	
<b>UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN</b> , B.S. ASTRONOMY, MINOR IN PHYSICS	AUG. 2018 - MAY 2022
<i>Advisor:</i> Dr. Xin Liu	
<i>Thesis:</i> Optical variability of broad-line dwarf AGNs from the Zwicky Transient Facility	

## POSITIONS HELD

<b>Texas A&amp;M University</b> , Graduate Teaching Assistant	AUG. 2022 - PRESENT
<b>University of Illinois at Urbana-Champaign</b> , Undergraduate Research Assistant	DEC. 2020 - FEB. 2023
<b>The Chinese University of Hong Kong</b> , Undergraduate Research Assistant	MAY 2019 - FEB. 2020

## PUBLICATIONS ([LINK TO MY ADS](#))

### FIRST/CO-AUTHOR:

- **Wang, Z. F.**, Burke, C. J., Liu, X., & Shen, Y. (2023). *Dwarf AGNs from variability for the origins of seeds (DAVOS): optical variability of broad-line dwarf AGNs from the Zwicky Transient Facility*. Monthly Notices of the Royal Astronomical Society, 521(1), 99-113. arXiv:2212.02321.

### CONTRIBUTING AUTHOR:

- Burke, C. J., Shen, Y., Liu, X., Natarajan, P., Caplar, N., Bellovary, J. M., & **Wang, Z. F.** (2023). *Dwarf AGNs from variability for the origins of seeds (DAVOS): Intermediate-mass black hole demographics from optical synoptic surveys*. Monthly Notices of the Royal Astronomical Society, 518(2), 1880-1904. arXiv:2207.04092.

## HONORS & AWARDS

<b>James Scholar Honors Program</b> , University of Illinois at Urbana-Champaign	JAN. 2019 - MAY 2021
<b>Nancy Chong Whitman Scholar</b> , University of Illinois at Urbana-Champaign	AUG. 2019 - MAY 2020
<b>Phi Eta Sigma National Honors Society</b> , University of Illinois at Urbana-Champaign	JAN. 2019 - MAY 2023
<b>College of Liberal Arts &amp; Sciences Dean's List</b> , University of Illinois at Urbana-Champaign	FALL 2018, FALL 2020

## PRESENTATIONS, TALKS, & CONFERENCES

<i>A Gemini Large &amp; Long Program: Stellar Kinematics from Nearby Galaxies</i> , Bashfest 2023, Univ. of Texas at Austin	POSTER, OCT. 30, 2023
<i>Optical Variability of Dwarf AGNs</i> , Extragalactic Lunch, Texas A&M University	TALK, MARCH 9, 2023

## PROFESSIONAL SERVICE, OUTREACH, & MENTORING

### POSITIONS

<b>Gateway to Graduate School</b> , Organizer	JUN. 2023 - PRESENT
<b>Astronomy on Tap BCS</b> , Chief Organizer and Coordinator	MAY 2023 - PRESENT

### PUBLIC TALKS

<i>Professional Stargazing: Getting Science from an Observatory</i> , Astronomy on Tap, Bryan TX	OCT. 2023
<i>Is Looking for Extraterrestrial Life Worth It?</i> , Astronomy on Tap, Bryan TX	JUN. 2023

<i>The Black Holes of Our Universe</i> , Astronomy on Tap, Bryan TX	MAR. 2023
<i>How to Weigh a Supermassive Black Hole</i> , Brazos Valley Astronomy Club, College Station TX	FEB. 2023
<i>Things That Go Bump in the Night: Killer Worlds and the Deep Unknown Dark</i> , Astronomy on Tap, Bryan TX	OCT. 2022

## MENTORING

<b>William Lande</b> , High School Student, Illinois Science State Fair	JUN. 2021 - AUG. 2022
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EXTRACURRICULAR ACTIVITIES

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<b>Phi Kappa Tau Fraternity</b> , Recruitment Chairman	NOV. 2020 - JAN. 2022
<b>Phi Kappa Tau Fraternity</b> , Chapter President	NOV. 2019 - JAN. 2021
<b>Epsilon Eta Environmental Honors Fraternity</b> , Volunteer	FEB. 2019 - JAN. 2020
<b>Eco-Olympics</b> , Volunteer, awarded a Certificate of Leadership in Environmental Stewardship and Energy Conservation	APR. 2019
<b>Phi Kappa Tau Fraternity</b> , Philanthropy Chairman	NOV. 2018 - DEC. 2019
<b>Illinois Men's Rugby Football Club</b> , Player	AUG. 2018 - DEC. 2019