

Zhilong Franklin Wang

ASTRONOMY PH.D STUDENT AT TEXAS A&M UNIVERSITY

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EDUCATION

TEXAS A&M UNIVERSITY , 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	
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN , 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

Texas A&M University , Graduate Teaching Assistant	AUG. 2022 - PRESENT
University of Illinois at Urbana-Champaign , Undergraduate Research Assistant	DEC. 2020 - FEB. 2023
The Chinese University of Hong Kong , 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

James Scholar Honors Program , University of Illinois at Urbana-Champaign	JAN. 2019 - MAY 2021
Nancy Chong Whitman Scholar , University of Illinois at Urbana-Champaign	AUG. 2019 - MAY 2020
Phi Eta Sigma National Honors Society , University of Illinois at Urbana-Champaign	JAN. 2019 - MAY 2023

PRESENTATIONS, TALKS, & CONFERENCES

<i>Optical Variability of Dwarf AGNs</i> , Extragalactic Lunch, Texas A&M University	TALK, MARCH 9, 2023
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VOLUNTEERING, OUTREACH, & MENTORING

POSITIONS

Gateway to Graduate School , Organizer	STARTING AUG. 2023
Astronomy on Tap BCS , Organizer	STARTING MAY 2023

PUBLIC TALKS

<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

William Lande, High School Student, Illinois Science State Fair

JUN. 2021 - AUG. 2022

EXTRACURRICULAR ACTIVITIES

Phi Kappa Tau Fraternity, Recruitment Chairman

NOV. 2020 - JAN. 2022

Phi Kappa Tau Fraternity, Chapter President

NOV. 2019 - JAN. 2021

Epsilon Eta Environmental Honors Fraternity, Volunteer

FEB. 2019 - JAN. 2020

Eco-Olympics, Volunteer, awarded a Certificate of Leadership in Environmental Stewardship and Energy Conservation

APR. 2019

Phi Kappa Tau Fraternity, Philanthropy Chairman

NOV. 2018 - DEC. 2019

Illinois Men's Rugby Football Club, Player

AUG. 2018 - DEC. 2019