

Qier An (安琪儿)

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EDUCATION

Ph.D. in Physics and Astronomy , Johns Hopkins University Advisors: Prof. Timothy Brandt, Prof. Kevin Schlaufman	<i>Aug 2024 –present</i>
M.A. in Physics , University of California, Santa Barbara Advisor: Prof. Timothy Brandt; GPA: 3.93 / 4.00	<i>Sep 2021 –Jun 2024</i>
B.S. in Engineering Physics , University of Illinois Urbana-Champaign Highest Honors; GPA: 3.85 / 4.00	<i>Aug 2017 –Dec 2020</i>
B.S. in Mathematics and Astronomy , University of Illinois Urbana-Champaign Highest Honors; GPA: 3.85 / 4.00	<i>Aug 2017 –Dec 2020</i>

RESEARCH

A complete list of publications is available in my ADS Library.

Detection and characterization of substellar objects
Astrometry, radial velocity, and direct imaging
Demographics of substellar populations
Multi-instrument data analysis and interpretation

EMPLOYMENT

Graduate Student Researcher, JHU	<i>Aug 2024 –present</i>
Graduate Student Researcher, UCSB	<i>Sep 2021 –Aug 2024</i>
Teaching Assistant, UCSB	<i>Sep 2021 –Jun 2024</i>
Undergraduate Researcher, UIUC	<i>2019 –2021</i>

HONORS, AWARDS, & FELLOWSHIPS

AAS International Travel Grant (2025)
Dean's Graduate Fellowship, UCSB (2021)
Yee Seung Ng Scholarship, UIUC (2019)
Dean's List, UIUC (Spring 2020, Fall 2019, Spring 2018, Fall 2017)

CONFERENCES AND PRESENTATIONS

12/2025	International Conference on Exoplanets and Planet Formation (<i>Shanghai, China</i>)
09/2025	Astro Coffee @ JHU, Talk (<i>Baltimore, MD</i>)
09/2025	G-WiP @ JHU Annual Summit, Poster Presentation (<i>Baltimore, MD</i>)
07/2025	Sagan Exoplanet Workshop, Poster (<i>Pasadena, CA</i>)
06/2025	Emerging Researchers in Exoplanet Science Symposium X, Talk (<i>Princeton, NJ</i>)
07/2024	Sagan Exoplanet Workshop, Poster; travel grant awarded (declined for virtual) (<i>Pasadena, CA</i>)
07/2023	Sagan Exoplanet Workshop, Poster; hands-on session helper; travel grant (<i>Pasadena, CA</i>)
07/2022	Sagan Exoplanet Workshop, Poster; hands-on session helper; travel grant (<i>Pasadena, CA</i>)
05/2022	Exoplanets IV, Conference attendance (<i>Las Vegas, NV</i>)

PROPOSAL PARTICIPATION

NASA Keck Strategic Mission Support (PI: Thayne Currie), accepted Dec 2023
SCEAO Direct Imaging Survey (PI: Thayne Currie), accepted Dec 2023

TEACHING

University of California, Santa Barbara

PHYS 3L: Calculus-based Physics Lab (2021–2024), Teaching Assistant

PHYS 29: Intro to Computer Programming (2021–2024), Teaching Assistant

ASTRO 1: Basic Astronomy (2021–2024), Teaching Assistant

PHYS 129L: Intro to Scientific Computation (2021–2024), Teaching Assistant

COMMUNITY SERVICE

09/2025 LOC, G-WiP @ JHU 2025 Annual Summit

11/2025 SOC, STScI/JHU ExoJamboree

CV last updated: December 1, 2025