

# **Qier An (安琪儿)**

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## **EDUCATION**

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

## **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  
SCExAO 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*