

EDUCATION

University of California, Santa Cruz

B.S. in Physics (Astrophysics)

2018–2022

University of California, Santa Barbara

Graduate Student in Physics

2022–

PUBLICATIONS

1. **Jiamu Huang**, Douglas N. C. Lin and Gregory Shields, “[Metal Enrichment due to Embedded Stars in AGN Discs](#)”, 2023, MNRAS 525, 5702.
2. D. A. Starkey, **Jiamu Huang**, Keith Horne, and Douglas N. C. Lin, “[A Rippled Accretion Disc Model to Explain AGN Continuum Lags](#)”, 2023, MNRAS 519, 2754.

RESEARCH POSITIONS

- **Mentor** of Science Internship Program (SIP) at University of California, Santa Cruz Summer 2019
Project: Spectral Classification of Weak CN and Carbon Stars in M31 and M33

PRESENTATIONS

- *Pipeline comparison between Spec2d and Pyeet using Deimos HALO7d data*,
the 240th meeting of the AAS June 2022

TEACHING EXPERIENCES

- **Teaching Assistant** at University of California, Santa Barbara Winter 2023
Course: Physics 132, Stellar Structure and Evolution
- **Teaching Assistant** at University of California, Santa Barbara Fall 2022
Course: Physics 6AL, Introductory Experimental Physics
- **Learning Assistant** at University of California, Santa Cruz Fall 2021
Course: Physics 5A, Introduction to Physics I

OUTREACH

- *Astrophotography and Astronomy*, at Beijing No.8 High School November 2020
- *Colors, Spectra of Different Astrophysical Objects*, at Beijing No.4 High School April 2021

SCHOLARSHIPS AND AWARDS

- UCSC Undergraduate Dean’s Scholarship 2018–2021
- UCSC Dean’s Honors List 2018–2021