

# Erin Kado-Fong

YCAA Prize Fellow, Yale Center for Astronomy & Astrophysics

---

Kline Tower 433  
219 Prospect St  
Department of Physics  
Yale University  
New Haven, CT 06511

[erin.kado-fong@yale.edu](mailto:erin.kado-fong@yale.edu)  
<https://ekadofong.github.io>

## Employment

Kavli Fellow, KIPAC (Stanford, CA)	2025-
YCAA Prize Fellow, Yale University (New Haven, CT)	2022-2025
REU Student Researcher, SAO/CfA (Cambridge, MA)	2015

## Education

Ph.D. Astrophysical Sciences, Princeton University <i>Advisor: Jenny E. Greene</i>	2017-2022
M.S. Astrophysical Sciences, Princeton University <i>Advisor: Jenny E. Greene</i>	2017-2019
B.S. Astrophysics, Tufts University, <i>summa cum laude</i> <i>Advisor: Danilo Marchesini</i> Minor economics Advisor: David Garman	2013-2017

## Selected Awards

Kavli Institute for Particle Astrophysics and Cosmology; Kavli Research Fellowship	2025-2028
Yale Center for Astronomy & Astrophysics; Prize Postdoctoral Research Fellowship	2022-2025
CCAPP Prize Prize, the Ohio State Center for Cosmology & Astroparticle Physics <i>For “research excellence and exceptional promise in areas related to CCAPP initiatives. Two recipients are selected annually by the CCAPP Science Board.”</i>	2021
Porter Ogden Jacobus Fellowship <i>“A single Ph.D. student in each division is recognized annually with [Princeton’s] most prestigious fellowship.”</i>	2021-2022
Goldwater Fellowship	2015-2017
Astronaut Scholarship	2015-2017

## Selected Talks

### Colloquia

Amherst College Physics & Astronomy Colloquium	Apr 2025
Cornell Astronomy and Space Sciences Colloquium	Apr 2025
Tufts Physics and Astronomy Colloquium	Sep 2024
ASTRON Netherlands Institute for Radio Astronomy	Mar 2024
Kapetyn Astronomical Institute, University of Groningen	Mar 2024
Yale Astronomy & Astrophysics	Oct 2021
Center for Computational Astrophysics (CCA), Flatiron Institute	Oct 2021

### Selected Seminars & Conference Talks

» *indicates conferences/meetings organized*

‡ *indicates invited talk*

» Galactic Frontiers II: Dwarf Galaxies in the LV and Beyond (Conference)	Jun 2025
Small Galaxies, Cosmic Questions - II (Conference)	Jul 2024
Dwarf Galaxies, Star Clusters, & Streams in the LSST Era (Conference)	Jul 2024
The Physical Processes Shaping the Stellar and Gaseous Histories of Galaxies (Conference)	May 2024
‡ CCA Galaxy Formation Seminar	Apr 2024
‡ Princeton Galread Seminar	Apr 2024
UC Davis Cosmology & Astronomy Seminar	Oct 2023
» Galactic Frontiers: Dwarf Galaxies in the Local Volume and Beyond (Conference)	Jul 2023
‡ Hiking through the Most Hidden Universe: The Sunrise of Ultra Diffuse Galaxies (Conference)	Jun 2023
A Holistic View of Stellar Feedback and Galaxy Evolution (Conference)	Jul 2022
‡ The Ohio State Price Prize Seminar	Dec 2021
‡ University of Pennsylvania Astronomy Seminar	Dec 2021
NYU Informal Seminar	Nov 2021

University of Arizona Galaxy Group Seminar	Sep 2021
Stanford University Tea Talks	Sep 2021
UC Santa Cruz FLASH Seminar	Sep 2021
‡ Tufts Astronomy Seminar	Apr 2021
Local “Local Group” Group Meeting (Conference)	Dec 2021
Subaru 20th Anniversary Conference (Conference)	Nov 2019
‡ Light in the Suburbs: Structure & Chemodynamics of Galaxy Halos (Conference)	Jun 2019
UC Santa Cruz Galaxy Workshop (Conference)	Aug 2018
Stellar Halos Across the Cosmos (Conference)	Jul 2018

## Accepted Observing Proposals

DECam: 62 nights for the Merian Survey (Co-I)

Magellan 6.5m: 1 night (PI), 6.5 nights (Co-I)

Keck II: 2 nights (PI)

Palomar P200: 2 nights (PI)

VLA: 12 hr (PI)

## Mentorship, Teaching & Professional Service

### Mentorship & Student Works

Abby Mintz (Princeton, graduate student; advisor Jenny Greene)

**A Non-Parametric Morphological Analysis Of H $\alpha$  Emission In Bright Dwarfs Using The First Merian Survey Data Release**

(*Mintz*, *Greene*, *Kado-Fong et al.*, 2024)

Yasmeen Asali (Yale, graduate student; advisor Marla Geha)

Star Formation Histories and Enrichment of the SAGA satellite galaxies

Azia Robinson (Princeton post-baccalaureate researcher)

**Dwarf-Dwarf Interactions Can Both Trigger and Quench Star Formation**

(*Kado-Fong*, *Robinson et al.*, 2024)

Majid Mohammad (Colorado School of Mines, Princeton REU. Now grad student at UCSB)

**Constraining the Intrinsic Shapes of Low Surface Brightness Galaxies**

(*Kado-Fong*, *Petrescu*, *Mohammad et al.*, 2021)

## Teaching & Professional Service

Reviewer: Nature Astronomy, MNRAS, ApJ, A&A	
Organizer, Galactic Frontiers II: Dwarf Galaxies in the LV and Beyond Dartmouth College	Jun 2025
Colloquium Organization Committee, Yale	2023-2025
Organizer, <u>Galactic Frontiers: Dwarf Galaxies in the LV and Beyond</u> Flatiron Institute	Jul 2023
Telescope Allocation Committee, Yale (Keck + Palomar)	2022-2023
Princeton Astrophysics Committees on Equity & Inclusion	2021-2022
Mentor, Astrophysics G1 Mentorship Program	2021-2022
Mentor, National Astronomy Consortium REU	2020
Teaching assistant, Planets in the Universe (AST205), Princeton	2018

## Technical Skills & Outreach

### Languages

- English (native)
- Italian (highly proficient; regular social, some professional use)
- Japanese (conversational; occasional social use)

### Outreach

Amateur Astronomers Inc. Lecture	Feb 2023
Program Coordinator, Peyton Public Observatory	2019-2021
Volunteer Observer, Peyton Public Observatory	2017-2020

## News & Research Highlights

- How Special is the Milky Way Galaxy?*
- The SAGA saga: Putting the Milky Way's "Peculiarities" into context*
- AAS Nova: Do Dwarf Galaxy Collisions Start or Stop Star Formation? Yes.*
- Three win Jacobus Fellowship, Princeton's top graduate honor*
- 2021 Price Prize Winners Announced*

*Dwarfs from ELVES: The structure of dwarf satellite galaxies*

*Astronomers discover unusual monster galaxy in the very early universe*