

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
<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 Advisor: Jenny E. Greene	2017-2022
M.S. Astrophysical Sciences Princeton University Advisor: Jenny E. Greene	2017-2019
B.S. Astrophysics, <i>summa cum laude</i> Advisor: Danilo Marchesini 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 Price 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

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*

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 Seminars	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)

Keck II: 2 nights (PI)

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

VLA: 12 hr (PI)

Mentorship, Teaching & Professional Service, and Outreach

Mentorship & Student Works

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

A Non-Parametric Morphological Analysis Of H α Emission In Bright Dwarfs Using The First Merian Survey Data Release

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

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

Star Formation Histories and Enrichment of the SAGA satellite galaxies

Azia Robinson (Princeton Postbac Researcher. Now grad student at New Mexico Tech.)

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

Organizer, Galactic Frontiers: Dwarf Galaxies in the LV and Beyond
Flatiron Institute

Jul 2023

Colloquium Organization Committee, Yale

2023-2025

Telescope Allocation Committee, Yale (Keck + Palomar)	2022-2023
Princeton Astrophysics Committees on Equity & Inclusion	2021-2022
Teaching assistant, Planets in the Universe (AST205), Princeton	2018

Outreach

Amateur Astronomers Inc. Lecture	Feb 2023
Mentor, Astrophysics G1 Mentorship Program	2021-2022
Program Coordinator, Peyton Public Observatory	2019-2021
Volunteer Observer, Peyton Public Observatory	2017-2020

News & Research Highlights

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

Language Proficiency

English (native)

Italian (proficient)

Japanese (intermediate)