

M. Katy Rodriguez Wimberly

[mkrodriguezwimberly.github.io](https://github.com/mkrodriguezwimberly)

wimberlm@uci.edu

ORCID: [0000-0003-1848-5571](https://orcid.org/0000-0003-1848-5571)

Twitter: [@astromouse_](https://twitter.com/astromouse)

EDUCATION	<i>Ph.D. Candidate Physics & Astronomy</i> University of California, Irvine (UCI) Thesis Advisor: Prof. Michael Cooper	<i>projected</i> December 2022
	<i>B.S. Physics</i> California State University, Long Beach (CSULB) Minor: Math Overall GPA: 3.15 out of possible 4.00 Major GPA: 3.20 out of possible 4.00	May 2015
PUBLICATIONS	<i>Sizing from the Smallest Scales: The Mass of the Milky Way</i> Rodriguez Wimberly, M.K. , et al. 2021, submitted to MNRAS, (arXiv: 2109.00633)	
	<i>Characterizing the Infall Times and Quenching Timescales of the Milky Way Satellites with Gaia Proper Motions</i> Fillingham, S.P. et al. 2019, MNRAS, under review (arXiv: 1906.04180)	
	<i>Suppressing Star Formation on the Smallest Scales: What Role Does Environment Play?</i> Rodriguez Wimberly, M.K. , et al. 2019, MNRAS, 483, 4031	
	<i>SETI Observations of Exoplanets with the Allen Telescope Array</i> Harp, G.R., et al. 2016, AJ, 152.6 (2016b): 181	
SELECT HONORS, & AWARDS	NSF MPS Ascend Postdoctoral Fellow	2021 - Current
	Eugene Cota-Robles Fellow	2016 - Current
	AAS National Osterbrock Fellow	2020 - Current
	National Science Foundation Graduate Research Fellow	2016 - 2021
	UCI Graduate Division Tom Angell Mentor Fellowship	2019
	CSU-UC Cal-Bridge Scholar	2014 - 2017
	Louis Stokes' Alliance for Minority Participation Academic Year Fellow	2013 - 2014
OBSERVING EXPERIENCE	Keck Observatory DEIMOS: 15 nights	
	UCO/Lick Observatory Robert P. Kraft Observational Astronomy Workshop October 2015, Lick Observatory, Mt. Hamilton, CA	
TEACHING EXPERIENCE	ASTR100L: Intro to Astronomy Lab (Stand Alone) Course Instructor, CSULB Fall 2015 & Spring 2016	

SELECT TECHNICAL SKILLS	Python	IRAF	Aladin	Spectroscopy Made Hard
	Unix	DS9	MySQL	Fortran95

SOCIETY MEMBERSHIPS	<i>Astronomical Society of the Pacific</i>	Began 2017
	<i>American Astronomical Society</i>	Began 2015

INVITED TALKS	<i>Ultra Faint Dwarf Galaxies: Quenching, Predictions & Evolutionary History</i>	October 2021
	Cosmology and Astronomy Seminar at UC Davis	
	<i>Ultra Faint Dwarf Galaxies: Quenching, Predictions & Evolutionary History</i>	October 2021
	CCAPP Little Galaxies Meeting at The Ohio State University	
	<i>Ultra Faint Dwarf Galaxies: Quenching, Predictions & Evolutionary History</i>	September 2021
	Lunchtime Seminar at Carnegie Observatories	
	<i>Ultra Faint Dwarf Galaxies: Smallest Scales Quenching & Predictions</i>	February 2020
	Lunchtime Seminar at Carnegie Observatories	
	<i>Astronomical Society of the Pacific 130th Annual Meeting</i>	September 2018
	<i>Plenary Speaker</i> on Imposter Syndrome	
	Plenary Session - Barriers to Equity, Inclusion, and Diversity in Astronomy	

HIGHLIGHTED SERVICE ACTIVITIES	<i>Astronomical Society of the Pacific Board of Directors Member</i>	Began 2019
	Diversity Committee Co-Chair	
	<i>Cal-Bridge Mentorship Committee Co-Chair</i>	Began 2020
	<i>APS-IDEA Network: UCI Team Member</i>	Began 2020
	Network creating equitable, inclusive and diverse communities	
	<i>Cal-Bridge Director of Peer Mentoring Program</i>	Began 2019
	Creator & Organizer of Peer Mentoring Program for Cal-Bridge Scholars	
	<i>UCI Physics & Astronomy Community Excellence</i>	Began 2018
	Co-Creator of Peer Mentoring Programs for 1st Year Physics Graduate Students	
	Group Sessions & 1-on-1 Mentoring with Trained Peer Mentors	
	Our Website: uci-pace.github.io	

REFERENCES	Dr. Michael Cooper	Professor - UC Irvine
	cooper@uci.edu - 949.824.6485	
	Dr. Alex Ji	Professor - University of Chicago
	alexji@uchicago.edu - 773.702.8203	
	Dr. Alex Rudolph	Professor - Cal Poly Pomona
	alrudolph@cpp.edu - 909.717.1851	