

M. Katy Rodriguez Wimberly

NSF MPS Ascend Postdoctoral Fellow • University of California, Riverside
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EDUCATION	<i>Ph.D. Candidate Physics & Astronomy</i>	December 2021
	University of California, Irvine (UCI) Thesis Advisor: Prof. Michael Cooper <i>B.S. Physics</i>	May 2015
	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	
PUBLICATIONS	<i>Sizing from the Smallest Scales: The Mass of the Milky Way</i>	
	Rodriguez Wimberly, M.K., et al. 2022, MNRAS, 513, 4968	
	<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	
HIGHLIGHTED HONORS, AWARDS, PRIZES	NSF MPS Ascend Postdoctoral Fellow	2021 - Current
	Eugene Cota-Robles Fellow	2016 - 2021
	AAS National Osterbrock Fellow	2020 - 2021
	NSF Graduate Research Fellow	2016 - 2021
	UCI Graduate Division Tom Angell Mentor Fellowship	2019
	CSU-UC Cal-Bridge Scholar	2014 - 2017
	LSAMP PROUD Scholar Award	2015
	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	
TECHNICAL SKILLS	Python	IRAF
	MySQL	LaTex
	Aladin	DS9
	Unix	Certified LabVIEW Associate Developer
	Fortran95	
	Gwyddion	Mathematica
	Atomic & Magnetic Force Microscopy	

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

INVITED TALKS	<i>Astronomy Colloquium at UMichigan</i>	<i>planned</i> September 2022
	<i>Conversations on Inclusion & Equity at UMichigan</i>	<i>planned</i> September 2022
	<i>MIT Brown Bag Lunch</i>	May 2022
	<i>Pomona College Physics & Astronomy Colloquium</i>	April 2022
	<i>Cosmology and Astronomy Seminar at UC Davis</i>	October 2021
	<i>CCAPP Little Galaxies Meeting at The Ohio State University</i>	October 2021
	<i>Lunchtime Seminar at Carnegie Observatories</i>	September 2021
	<i>Lunchtime Seminar at Carnegie Observatories</i>	February 2020
	<i>Pomona College Physics & Astronomy Colloquium</i>	September 2018
	<i>Astronomical Society of the Pacific 130th Annual Meeting</i>	September 2018
<i>Plenary Speaker: Barriers to Equity, Inclusion, and Diversity in Astronomy</i>		
<i>Presented on Imposter Syndrome</i>		

HIGHLIGHTED SERVICE ACTIVITIES	<i>Cal-Bridge Mentorship Committee Co-Chair</i>	Began 2020
	<i>Astronomical Society of the Pacific Board of Directors Member</i>	Began 2019
	<i>Diversity Committee Co-Chair</i>	
	<i>Cal-Bridge Director of Peer Mentoring Program</i>	Began 2019
	<i>Creator & Organizer of Peer Mentoring Program for Cal-Bridge Scholars</i>	
	<i>APS-IDEA Network: UCI Team Member</i>	2020-2021
	<i>Network creating equitable, inclusive and diverse communities</i>	
	<i>UCI Physics & Astronomy Community Excellence</i>	2018-2021
	<i>Co-Creator of Peer Mentoring Programs for 1st Year Physics Graduate Students</i>	
	<i>Group Sessions & 1-on-1 Mentoring with Trained Peer Mentors</i>	
<i>Our Website: uci-pace.github.io</i>		

REFERENCES	Dr. Laura Sales	Professor - UC Riverside
	lsales@ucr.edu - 951.827.7037	
	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	