

M. Katy Rodriguez Wimberly

NSF MPS Ascend Postdoctoral Fellow • University of California, Riverside
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EDUCATION *Ph.D. Candidate Physics & Astronomy* December 2021
University of California, Irvine (UCI)
Thesis Advisor: Prof. Michael Cooper
B.S. Physics 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

**PUBLIC-
ATIONS** *Sizing from the Smallest Scales: The Mass of the Milky Way*
Rodriguez Wimberly, M.K., et al. 2021, submitted to MNRAS,
(arXiv: 2109.00633)
Characterizing the Infall Times and Quenching Timescales
of the Milky Way Satellites with Gaia Proper Motions
Fillingham, S.P. et al. 2019, MNRAS, under review (arXiv: 1906..04180)
Suppressing Star Formation on the Smallest Scales:
What Role Does Environment Play?
Rodriguez Wimberly, M.K., et al. 2019, MNRAS, 483, 4031
SETI Observations of Exoplanets with the Allen Telescope Array
Harp, G.R., et al. 2016, AJ, 152.6 (2016b): 181

**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

SOCIETY	<i>Astronomical Society of the Pacific</i>	Began 2017
MEMBERSHIPS	<i>American Astronomical Society</i>	Began 2015
INVITED TALKS	<i>Ultra Faint Dwarf Galaxies: Quenching, Predictions & Evolutionary History Cosmology and Astronomy Seminar at UC Davis</i>	October 2021
	<i>Ultra Faint Dwarf Galaxies: Quenching, Predictions & Evolutionary History CCAPP Little Galaxies Meeting at The Ohio State University</i>	October 2021
	<i>Ultra Faint Dwarf Galaxies: Quenching, Predictions & Evolutionary History Lunchtime Seminar at Carnegie Observatories</i>	September 2021
	<i>Ultra Faint Dwarf Galaxies: Smallest Scales Quenching & Predictions Lunchtime Seminar at Carnegie Observatories</i>	February 2020
	<i>Astronomical Society of the Pacific 130th Annual Meeting Plenary Speaker on Imposter Syndrome Plenary Session - Barriers to Equity, Inclusion, and Diversity in Astronomy</i>	September 2018
HIGHLIGHTED SERVICE ACTIVITIES	<i>Astronomical Society of the Pacific Board of Directors Member Diversity Committee Co-Chair</i>	Began 2019
	<i>Cal-Bridge Mentorship Committee Co-Chair</i>	Began 2020
	<i>Cal-Bridge Director of Peer Mentoring Program Creator & Organizer of Peer Mentoring Program for Cal-Bridge Scholars</i>	Began 2019
	<i>APS-IDEA Network: UCI Team Member Network creating equitable, inclusive and diverse communities</i>	2020-2021
	<i>UCI Physics & Astronomy Community Excellence 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</i>	2018-2021
REFERENCES	Dr. Laura Sales lsales@ucr.edu - 951.827.7037	Professor - UC Riverside
	Dr. Michael Cooper cooper@uci.edu - 949.824.6485	Professor - UC Irvine
	Dr. Alex Ji alexji@uchicago.edu - 773.702.8203	Professor - University of Chicago
	Dr. Alex Rudolph alrudolph@cpp.edu - 909.717.1851	Professor - Cal Poly Pomona