

# M. Katy Rodriguez Wimberly

ASTROPHYSICS ASSISTANT PROFESSOR · CALIFORNIA STATE UNIVERSITY, SAN BERNARDINO

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## Appointments

### California State University, San Bernardino

Assistant Professor

San Bernardino, California

August 2023 - Present

### University of California, Riverside

#### NSF MPS Ascend Postdoctoral Research Fellow

- Advisors: Profs. Laura Sales & Gaby Canalizo

Riverside, California

Jan '21 - Aug '23

### Pomona College

Lecturer

Claremont, California

Jan - May '23

## Research Statement(s)

I study Near-Field Cosmology and Galaxy Evolution using both optical telescopes and cosmological simulations. In particular, my work focuses on ultra-faint dwarf galaxies — researching these possible relics of the first galaxies ever formed to learn more about the Early Universe, how the earliest galaxies evolve, and how they can be used as a tool to learn more about our own galaxy, the Milky Way. Additionally, I study RR Lyrae stars in the Milky Way's stellar halo to explore our Galaxy's mass and stellar structures through a different lense.

Alongside this astrophysics research, I work to improve the astronomical community for all, including publishing articles to help spread successful programs. I have created peer mentorship programs implemented at my alma mater, UC Irvine, at my postdoctoral institution, UC Riverside, and within the Cal-Bridge Program. My aim is to normalize a holistic approach to academic success and strengthen marginalized communities.

## Education

### University of California, Irvine

Ph.D. in Physics

- Thesis Advisor: Prof. Michael Cooper
- Thesis: Ultra-Faint Dwarf Galaxies: Investigating the Evolution of Our Universe & Those Who Study It

Irvine, California

Sep 2016 - Dec 2021

### University of California, Irvine

M.S. in Physics

- GPA: 3.34 out of possible 4.00

Irvine, California

Sep 2016 - June 2019

### California State University, Long Beach

M.S. in Physics · Transferred to Ph.D. Program

- GPA: 4.00 out of possible 4.00

Long Beach, California

Aug 2015 - May 2016

### California State University, Long Beach

B.S. in Physics · Minor in Math

- Major GPA: 3.20 out of possible 4.00

Long Beach, California

Jan 2011 - May 2015

### Mount San Antonio College

A.A. · Majors in Fine Arts, Natural Science & Math, Social & Behavioral Sciences

- Overall GPA: 3.32 out of possible 4.00

Walnut, California

Jan 2004 - June 2009

## Primary Investigator Grants

### NSF MPS Ascending Faculty Catalyst Award

Driving Community Learning at Cosmic Scales: Defining Ultrafaint Dwarf Galaxies & Radical Mentorship Methods

\$242,456

2024 - 2026

### Astrophysics Research Consortium: SDSS-V FAST

Linking Velocities and Brightness in Variable Stars: Toward Measuring the Total Mass of the Milky Way Out to 30 kpc

\$45,834

2024 - 2025

|                                                                                                  |          |
|--------------------------------------------------------------------------------------------------|----------|
| <b>NSF AST Conference Grant</b>                                                                  | \$49,950 |
| Cal-Bridge Doctoral Scholars Summer Institute Conference                                         | 2024     |
| <b>PATHS</b>                                                                                     | \$15,200 |
| Linking Velocities and Brightness in Variable Stars: Towards Measuring the Mass of the Milky Way | 2023     |
| <b>New York Community Trust: Astrophysics Grant</b>                                              | \$4,000  |
| Equipment Purchase - Laptops for Astrophysics Data Reduction & Analysis                          | 2024     |
| <b>NSF AST Conference Grant</b>                                                                  | \$49,375 |
| Cal-Bridge Summer Institute Alumni Conference                                                    | 2023     |

## Highlighted Awards

**NSF MPS Ascend Postdoctoral Fellow**, 2021 - 2023  
**AAS National Osterbrock Fellow**, 2020 - 2021  
**NSF Graduate Research Fellow**, 2016 - 2021  
**Eugene Cota-Robles Fellow**, 2016 - 2021

## Peer Reviewed Publications

|                                                                                                                             |                                    |
|-----------------------------------------------------------------------------------------------------------------------------|------------------------------------|
| <b>How invisible stellar halos bias our understanding of ultra-faint galaxies</b>                                           | <i>ApJ</i>                         |
| Wheeler, C.R. <b>et al.</b>                                                                                                 | 2025                               |
| <b>A Model of Mentorship for Students from Historically Underrepresented Groups in STEM</b>                                 | <i>Understanding Interventions</i> |
| Rodriguez Wimberly, M.K., et al.                                                                                            | 2023                               |
| <b>Sizing from the Smallest Scales: The Mass of the Milky Way</b>                                                           | <i>MNRAS</i> , 513, 4968           |
| Rodriguez Wimberly, M.K., et al.                                                                                            | 2022                               |
| <b>Characterizing the Infall Times and Quenching Timescales of the Milky Way Satellites with <i>Gaia</i> Proper Motions</b> | <i>MNRAS</i>                       |
| Fillingham, S.P. <b>et al.</b>                                                                                              | 2019                               |
| • arXiv: 1906.04180                                                                                                         |                                    |
| <b>Suppressing Star Formation on the Smallest Scales: What Role Does Environment Play?</b>                                  | <i>MNRAS</i> , 483, 4031           |
| Rodriguez Wimberly, M.K., et al.                                                                                            | 2019                               |
| <b>SETI Observations of Exoplanets with the Allen Telescope Array</b>                                                       | <i>AJ</i> , 152.6 (2016b): 181     |
| Harp, G.R. <b>et al.</b>                                                                                                    | 2016                               |

## Teaching Experience

|                                                                |                     |
|----------------------------------------------------------------|---------------------|
| <b>CSU San Bernardino</b>                                      | Current             |
| PHYS3100: Mathematical Methods of Physics — Professor          |                     |
| PHYS1500: Tools for Physicists — Professor                     |                     |
| ASTR3310: Astrophysics of Galaxies and Cosmology — Professor   |                     |
| ASTR2300: Introduction to Astronomy for Scientists — Professor |                     |
| Phys2500: General Physics I — Professor                        |                     |
| Equity-Minded Pedagogy Course — Participant                    |                     |
| Equity-Minded Teaching Implementation Project — Participant    |                     |
| <b>Pomona College</b>                                          | Jan - May 2023      |
| ASTR002: Introduction to Galaxies and Cosmology — Lecturer     |                     |
| <b>CSU Long Beach</b>                                          | Aug 2015 - May 2016 |
| ASTR110L: Introduction to Astronomy Lab — Instructor on Record |                     |

## Highlighted Mentorship Activities

|                                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| <b>Cal-Bridge Mentorship Handbook</b>                                                                                                                                                                                                                                                                                                                                                                                                                    | June 2021 |
| Revision Team Lead                                                                                                                                                                                                                                                                                                                                                                                                                                       |           |
| <ul style="list-style-type: none"><li>Revisions focus on reciprocal mentor-mentee relationships (especially in that as much as students need to adapt to academia, mentors and academia need to adapt to students), highlighting hurdles specific to many underrepresented groups within STEM, and mental health</li><li>Publicly available at <a href="https://tinyurl.com/CBMentorshipHandbook">https://tinyurl.com/CBMentorshipHandbook</a></li></ul> |           |
| <b>Cal-Bridge Mentor Map</b>                                                                                                                                                                                                                                                                                                                                                                                                                             | Aug 2020  |
| Author                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |
| <ul style="list-style-type: none"><li>Created a Mentor/Support Network Map designed specifically for undergraduate STEM students.</li><li>Publicly available at <a href="https://tinyurl.com/CBMentorshipMap">https://tinyurl.com/CBMentorshipMap</a></li></ul>                                                                                                                                                                                          |           |
| <b>California State University's Advancing Inclusive Mentoring</b>                                                                                                                                                                                                                                                                                                                                                                                       | Fall 2024 |
| Faculty Learning Community Member                                                                                                                                                                                                                                                                                                                                                                                                                        |           |
| <ul style="list-style-type: none"><li>Completed Advancing Inclusive Mentoring as part of the California State University AIM program. This program provides 12+ hours of content and discussion about positive and inclusive mentoring practices and supports the creation of a mentor-mentee compact, a best practice in inclusive mentoring.</li></ul>                                                                                                 |           |

## Observing Experience

|                                                                                         |                   |
|-----------------------------------------------------------------------------------------|-------------------|
| 6 Nights <b>Keck Observatory</b> , Mass-Metallicity Relation for UFDs                   | LRIS, Lead Co-I   |
| 1.5 Nights <b>Keck Observatory</b> , Chemical Abundances in UFD, Willman 1              | DEIMOS, Lead Co-I |
| 15 Nights <b>Keck Observatory</b> , Extragalactic Star Formation Quenching Survey       | DEIMOS, Co-I      |
| Oct 2015 <b>UCO/Lick Observatory</b> , Robert P. Kraft Observational Astronomy Workshop |                   |

## Skills

|                    |                                                                                                                                                                                     |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Programming</b> | Python (Pandas, SciPy, NumPy, Scikit-learn, AstroPy), IRAF (DEIMOS Mask Design, Wavelength Calibration), MySQL, Fortran95, Mathematica, HTML, Certified LabVIEW Associate Developer |
| <b>Tools</b>       | Unix, Shell (Bash/Zsh), $\LaTeX$ (Overleaf/R Markdown), Pypelt, Aladin, DS9, Gwyddion, Git, Atomic & Magnetic Force Microscopy.                                                     |
| <b>Soft Skills</b> | Mentorship, Time Management, Teamwork, Problem-solving, Documentation, Engaging Presentation.                                                                                       |

## Society Memberships

|                                                                                                             |                |
|-------------------------------------------------------------------------------------------------------------|----------------|
| <b>Astronomical Society of the Pacific</b> , Vice President, Diversity Committee Co-Chair, Board Fellow     | 2017 - Present |
| <b>American Astronomical Society</b> , Early Career Task Force, Meetings Task Force, Demographics Committee | 2015 - Present |
| <b>American Physical Society</b> , Member                                                                   | 2015 - 2017    |
| <b>Society of Physics Students - CSULB</b> , CSULB Chapter Secretary (2013-2015), Member                    | 2011 - 2015    |

## Invited Talks

|                                                                                                                                                                                           |                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| <b>All Space Considered</b> , Griffith Observatory                                                                                                                                        | Aug 2025       |
| <b>Pedagogical Practices for Building Welcoming Astrophysics Classrooms</b> , 246 <sup>th</sup> American Astronomical Society Meeting Special Session                                     | Jun 2025       |
| <b>Astronomy Colloquium</b> , Cal Poly San Luis Obispo Physics Department Colloquium                                                                                                      | May 2025       |
| <b>Invited Public Talk</b> , Santa Barbara Astronomical Unit at The Santa Barbara Museum of Natural History                                                                               | May 2025       |
| <b>Invited Public Talk</b> , East Brunswick Astronomy Club                                                                                                                                | April 2025     |
| <b>Invited Research Pitch</b> , CSU STEM-NET Virtual Research Cafe 10.0                                                                                                                   | Mar 2025       |
| <b>Towards Equity in the Classroom</b> , 244 <sup>th</sup> American Astronomical Society Meeting Special Session                                                                          | Jun 2024       |
| <b>Astronomy Colloquium</b> , California State University, Long Beach, Department of Physics & Astronomy                                                                                  | Feb 2024       |
| <b>Astronomy Colloquium</b> , California State University, Los Angeles, Department of Physics & Astronomy                                                                                 | Sep 2023       |
| <b>Lamat Institute Summer Speaker</b> , University of California, Santa Cruz, Department of Astronomy                                                                                     | Aug 2023       |
| <b>Astronomy Colloquium</b> , University of Texas, Austin, Department of Astronomy                                                                                                        | Apr 2023       |
| <b>First Friday Astronomy</b> , Boise State University, Department of Physics                                                                                                             | Mar 2023       |
| <b>241<sup>st</sup> Meeting of the American Astronomical Society</b> , NSF AAPF Symposium Mentorship Panelist                                                                             | Jan 2023       |
| <b>Astronomy Colloquium</b> , University of Michigan, Department of Astronomy                                                                                                             | September 2022 |
| <b>Conversations in Equity &amp; Inclusion</b> , University of Michigan, Department of Astronomy                                                                                          | September 2022 |
| <b>Astronomy Brown Bag Lunch</b> , MIT                                                                                                                                                    | May 2022       |
| <b>Physics &amp; Astronomy Colloquium</b> , Pomona College                                                                                                                                | April 2022     |
| <b>Cosmology &amp; Astronomy Seminar</b> , University of California, Davis                                                                                                                | October 2021   |
| <b>CCAPP Little Galaxies Meeting</b> , The Ohio State University                                                                                                                          | October 2021   |
| <b>Lunchtime Seminar</b> , The Carnegie Observatories                                                                                                                                     | September 2021 |
| <b>Lunchtime Seminar</b> , The Carnegie Observatories                                                                                                                                     | February 2020  |
| <b>Barriers to Equity, Inclusion &amp; Diversity in Astronomy</b> , Plenary Speaker, Presented on Imposter Syndrome, Astronomical Society of the Pacific 130 <sup>th</sup> Annual Meeting | September 2018 |

## Recent Contributed Presentations

|                                                                                                                                    |                |
|------------------------------------------------------------------------------------------------------------------------------------|----------------|
| <b>246<sup>th</sup> Meeting of the American Astronomical Society</b> , Phase-Calibrating Velocities in RR Lyrae Stars              | Jun 2025       |
| <b>American Physical Society's Global Physics Summit</b> , Ultra-faint Dwarf Galaxies: Hydrus I & Willman 1                        | Mar 2025       |
| <b>241<sup>st</sup> Meeting of the American Astronomical Society</b> , NSF AAPF Symposium                                          | Jan 2023       |
| <b>Astronomical Society of the Pacific 2022: A Virtual Conference</b> , Contributed Oral Presentation                              | December 2022  |
| <b>Keck Science Meeting</b> , Oral Presentation                                                                                    | September 2022 |
| <b>GalFESCA Conference</b> , Oral Presentation                                                                                     | September 2022 |
| <b>240<sup>th</sup> Meeting of the American Astronomical Society</b> , Dissertation Contributed Oral Presentation                  | June 2022      |
| <b>Science by Diverse Scientists: A Cal-Bridge Physics &amp; Astronomy Seminar</b> , Oral Presentation                             | April 2022     |
| <b>Galaxy Formation &amp; Evolution in the Era of the Roman Space Telescope</b> , Oral Presentation                                | October 2020   |
| <b>Space Telescope Science Institute's 2020 Spring Symposium — The Local Group: Assembly &amp; Evolution</b> , Poster Presentation | September 2020 |

## Highlighted Service Activities

**Astronomical Society of the Pacific Board** 2017 - Present

Premier professional society for promoting public science interest, engagement, and literacy.

- Vice President (2025-2028)
- Jr. Board Fellow Selection Committee Co-Chair (2022 - Current)
- Board of Directors' Diversity Committee Co-Chair (2019 - Current)
- Board of Directors Member (2019 - 2025)
- Jr. Board Fellow (2017 - 2019)

## Cal-Bridge Program

2019 - Present

A bridge program assisting primarily UMR students through STEM career pathways.

- Director of Mentorship (2023 - Current)
- Alumni Council Co-Chair (2022 - Current)
- Doctoral Summer Institute, NSF Conference Grant PI (July 2023, July 2024)
- Doctoral Summer Institute, NSF Conference Grant Co-I (July 2025)
- Doctoral Summer Institute, Pedagogy Training Co-I (July 2023, July 2024, July 2025)
- Mentorship Committee Chair (2020 - 2023)
- Director of Peer Mentorship Program (2019 - 2023)

## American Astronomical Society

2022 - Present

Premier professional society in the U.S. for astronomers.

- Invited Demographics Committee Member (2023 - Current)
- Invited Meetings Task Force Member (2023 - 2025)
- Invited Early Career Perspectives Task Force Member (2022 - 2024)

## APS-IDEA Network: UCI Team Member

2020-2021

Network creating equitable, inclusive and diverse communities

## UCI Physics & Astronomy Community Excellence

2018-2021

- 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](https://uci-pace.github.io)

# Highlighted Media Pieces

## Mercury Magazine Contributor (Research Focus)

2018 - 2021

Astronomical Society of the Pacific

Author: Katy Rodriguez Wimberly

## Road to Happiness: Featured Alumni Story

August 2022

California Sate University STEM Network

Author: Monica Alarcon

## The Reionization of Katy Rodriguez Wimberly

September 2021

UC Irvine School of Physical Sciences Features

Author: Lucas Van Wyk Joel

## Ultra-Faint Dwarf Galaxies: Cosmic Fossils?

2018-2020

AstronoMouse YouTube SciComm Playlist

Creator: Katy Rodriguez Wimberly

## Katy Rodriguez Wimberly: Changing My Life for Science

May 2017

The Story Collider: True, Personal Stories About Science

Speaker: Katy Rodriguez Wimberly

# Employment History

|                                                                                         |             |
|-----------------------------------------------------------------------------------------|-------------|
| <b>UCI Competitive Edge Program</b> , Graduate Student Peer Mentor                      | 2017 & 2018 |
| <b>UCI Competitive Edge Program</b> , Graduate Student Researcher                       | 2016        |
| <b>CSLUB Physics Dept.</b> , Teaching Assistant - Astronomy Lab Instructor              | 2015-2016   |
| <b>UCI Summer Internship Program</b> , Cal-Bridge Student Researcher                    | 2015        |
| <b>US Army Reserves</b> , Staff Sergeant, Saxophonist, Human Resources Manager          | 2003-2015   |
| <b>CSLUB Physics Dept.</b> , Learning Assistant                                         | 2013-2015   |
| <b>SETI Institute REU</b> , CAMPARE Student Researcher                                  | 2014        |
| <b>LSAMP Academic Year Fellowship</b> , Student Researcher                              | 2013-2014   |
| <b>University of Texas, Brownsville Physics REU</b> , Student Researcher                | 2012        |
| <b>CSULB Physics Dept.</b> , Winter Research Student Researcher                         | 2012        |
| <b>Dept. of Defense Army Civilian</b> , 300th Army Band Unit Administrator              | 2009-2012   |
| <b>Anbeten Productions</b> , Design Assistant/Consultant                                | 2006-2009   |
| <b>Disneyland Attractions Dept.</b> , Innoventions Supervisor, Project Lead & Performer | 2007-2009   |
| <b>Mt. San Antonio College Theatre Dept.</b> , Asst. Costumer                           | 2006        |
| <b>Disneyland Entertainment Dept.</b> , Costumer & Atmosphere Character                 | 2003-2006   |

## References

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|                                                             |                                   |
|-------------------------------------------------------------|-----------------------------------|
| <b>Dr. Laura Sales</b><br>lsales@ucr.edu - 951.827.7037     | Professor - UC Riverside          |
| <b>Dr. Michael Cooper</b><br>cooper@uci.edu - 949.824.6485  | Professor - UC Irvine             |
| <b>Dr. Alex Ji</b><br>alexji@uchicago.edu - 773.702.8203    | Professor - University of Chicago |
| <b>Dr. Alex Rudolph</b><br>alrudolph@cpp.edu - 909.717.1851 | Professor - Cal Poly Pomona       |

## Previous Awards

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**UCI Latino Excellence & Achievement Award** , 2020  
**UCI Physics & Astronomy Department Award for Outstanding Contributions** , 2019  
**UCI Graduate Division Tom Angell Mentor Fellowship** , 2019  
**Doctoral Diversity Initiative Fellow** , 2016  
**Diversity Recruitment Fellowship** , 2016  
**Nevin Graduate Endowment Fellowship** , 2016  
**CSU-UC Cal-Bridge Scholar** , 2014 - 2017  
**LSAMP PROUD Scholar Award** , 2015  
**CSULB Physical Sciences and Mathematics Scholar** , 2014  
**CSULB Physics Department Scholarship** , 2014  
**Louis Stokes' Alliance for Minority Participation Academic Year Fellow** , 2013 - 2014  
**CSULB Physics Department Scholarship** , 2013

## Past Service Activities

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|
| <b>DreamWakers Speaker</b><br>Virtual chats with grade school science classrooms.                                                                                                                                                                                                                                                        | 2017 - Present                                 |
| <b>NASA SMD Bridge Program Workshop</b><br>Early Career Perspectives Breakout Discussion Facilitator.                                                                                                                                                                                                                                    | 2022                                           |
| <b>EmpowHER: Empowering Women through High School Engagement and STEM Research-Keynote Speaker</b><br>Inaugural Annual Conference to enhance student success in STEM                                                                                                                                                                     | 2022<br>University of California, Irvine       |
| <b>UCI Competitive Edge Workshop Leader</b><br>Created and Lead Workshop on Impostor Phenomena                                                                                                                                                                                                                                           | 2020                                           |
| <b>APS Conference for Undergraduate Women in Physics at UCI</b><br>Local Organizing Committee<br>• Assisted in proposal, promotion, recruitment, and programming<br>• Co-Leader of ASCEND@UCI Mini Conference - Our Website: <a href="https://sites.uci.edu/cuwip2020/ascend-at-uci/">https://sites.uci.edu/cuwip2020/ascend-at-uci/</a> | 2020                                           |
| <b>Astronomical Society of the Pacific Junior Board Fellow</b><br>First ever Junior Board Fellow on the ASP Board of Directors                                                                                                                                                                                                           | 2017-2019                                      |
| <b>Bruin Brains Research Conference - Keynote Speaker</b><br>TRIO Programming at Salt Lake Community College, UT                                                                                                                                                                                                                         | 2019                                           |
| <b>Expand Your Horizons Event - Keynote Speaker</b><br>Annual Workshop for 6-10th Grade Girls Interested in STEM                                                                                                                                                                                                                         | 2019<br>Salt Lake Community College, UT        |
| <b>UCI Physics &amp; Astronomy Inclusive Excellence Committee</b><br>Department Committee to Improve Climate and Diversity                                                                                                                                                                                                               | 2017-2019<br>A Graduate Student Representative |
| <b>UCI Physics &amp; Astronomy Physics Graduate Caucus</b><br>Department Organization to Improve Graduates' Experience                                                                                                                                                                                                                   | 2017-2019<br>Mentorship Chair                  |

**UCI Physics & Astronomy Admission Task Force**  
Department Committee to Improve Diversity in Admissions

2018-2019

*A Graduate Student Representative*

**UCI Astronomy Outreach**

2016-2019

Telescope Volunteer for Elementary-level Classroom Night Sky Viewing Parties

**Astronomy Outreach for Underrepresented Youth**

2016-2019

K-12 Classroom Visits for underrepresented groups ranging from ethnic minorities to Autistic and Downs Syndrome students.

**Letters to a Pre-Scientist Scientist Pen Pal**

2015-2019

Pen Pal during each Academic Year with a grade school student interested in space science.

**UCI DECADE Learning Community - Invited Workshop Leader**

2018

Created and Lead Workshop on Facing Impostor Phenomena

**Reclaiming STEM Science Communication Workshop - Invited Speaker**

2018

Presented "Building Your Social Media Brand"

**UCI Physics & Astronomy Stride! Peer Mentoring**

2018

Mentoring & Activities Focused on Graduate Applications & Transition

**UCSC Osterbrock Sierra Conference Planning Comittee, Co-I**

2017

Lead Professional Development Planning & Execution

**SPS CSULB Chapter Secretary**

2013-2015

- Assist in outreach program & event planning & execution
- Assist in chapter and physics department event planning and execution

**CSULB Science Outreach**

2013 - 2014

Workshop Leader for Mexican American Engineers & Scientists CSULB Chapter

## Past Contributed Presentations

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|-------------------------------------------------------------------------------------------------------------------------------------|----------------|
| <b>Keck Science Meeting</b> , Oral Presentation                                                                                     | September 2022 |
| <b>Cal-Bridge's Science by Diverse Scientists</b> , Oral Presentation                                                               | September 2020 |
| <b>GalFRESCA @ UCI</b> , Oral Presentation                                                                                          | August 2019    |
| <b>Keck Science Meeting</b> , Poster Presentation                                                                                   | September 2018 |
| <b>UCSC Galaxy Workshop</b> , Oral Presentation, Recording of the presentation can be <a href="#">found here!</a>                   | August 2018    |
| <b>GalFRESCA, CalTech</b> , Oral Presentation                                                                                       | August 2017    |
| <b>UCI Summer Research Symposium</b> , Poster Presentation                                                                          | August 2016    |
| <b>227<sup>th</sup> AAS Meeting</b> , Poster Presentation                                                                           | January 2016   |
| <b>APS Far West Meeting</b> , Oral Presentation                                                                                     | October 2015   |
| <b>CAMPARE Research Symposium</b> , Oral Presentation                                                                               | September 2015 |
| <b>UCI Summer Research Symposium</b> , Oral Presentation                                                                            | September 2015 |
| <b>CSULB Student Research Symposium</b> , Poster Presentation                                                                       | October 2014   |
| <b>Astrobiology Science Conference</b> , Oral Presentation                                                                          | June 2015      |
| <b>CAMPARE Research Symposium</b> , Oral Presentation                                                                               | September 2014 |
| <b>SETI Institute REU Symposium</b> , Oral Presentation, <i>Lightening Talk</i> version <a href="#">found here</a> at 22:00 minutes | August 2014    |
| <b>CSULB Student Research Symposium</b> , Poster Presentation                                                                       | October 2013   |
| <b>Conference for Undergraduate Women in Physics</b> , Poster Presentation                                                          | January 2013   |
| <b>University of Texas, Brownsville REU Symposium</b> , Oral Presentation                                                           | January 2013   |

# Past Media Pieces

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## **Astronomy on Tap!**

AoT Davis AoT West LA

March 2021

Co-Presenter: Katy Rodriguez Wimberly

## **Katy Rodriguez Wimberly Receives Latino Excellence and Achievement Award**

UC Irvine School of Physical Sciences News

May 2020

Author: Lucas Van Wyk Joel

## **PACE Yourself**

UC Irvine School of Physical Sciences Features

April 2020

Author: Lucas Van Wyk Joel

## **M. Katy Rodriguez Wimberly Profile**

1 Million Women in STEM

May 2020

Author: Katy Rodriguez Wimberly

## **The Cal-Bridge Program**

Cultivating Excelencia Podcast Interview

Summer 2020

Producer: Michelle Espino Lira

## **Astronomouse**

American Physical Society Forum on Graduate Student Affairs Newsletter

Winter 2019

Author: Katy Rodriguez Wimberly

## **Interview with Katy Rodriguez Wimberly**

Exploring New Worlds: An Astrophysicist's Journey from Academia to Industry

September 2019

Interviewer: Ines Juvan-Beaulieu

## **Reclaiming STEM: addressing the gap in diverse and inclusive trainings**

Sister STEM

June 2019

Authors: Evelyn Valdez-Ward AND Linh

Anh Cat

## **Student Spotlight: Katy Rodriguez Wimberly**

UCI Physics & Astronomy Blog

April 2019

## **California Program Cultivates Minority Physics and Astronomy Ph.D. Students**

Diverse Issues in Higher Education

October 2018

## **Cal-Bridge: Changing the Face of STEM One Student At A Time**

STEM For All Multiplex

May 2018

## **Peer Pressure Ep 38: Astronomy, Not Astrology with Katy Wimberly**

Peer Pressure Podcast

February 2018

Interviewers: Dominic Lozano and

Brandon Ongsy

## **Great Gram!**

Careers with STEM

November 2017

Interviewer: Eliza Brockwell

## **Hundreds gather at UCI to witness 'Great American Eclipse'**

OC Register

August 2017

Author: Tomoya Shimura

## **Student Highlight: Katy Rodriguez Wimberly**

Astronomy in Color

April 2016

Interviewer: Jorge Moreno

## **CSU LSAMP PROUD - Program Recognizing Outstanding Undergraduate Distinction**

California State University Louis Stokes Alliance For Minority Participation

October 2015