

M. Riley Owens

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ABOUT ME

I am a first-year graduate student in the Department of Astronomy at the University of California, Berkeley, where I work with Prof. Dan Stark. My research interests focus on understanding the evolution and physics of galaxies in the early universe, from the end of reionization to the first galaxies.

EDUCATION

Doctor of Philosophy in Astrophysics 2025-
University of California, Berkeley
Advised by Prof. Daniel Stark | GPA: NA

Bachelor of Science in Astrophysics and Physics, Minor in Mathematics 2018-2022
University of Cincinnati
Advised by Prof. Matthew Bayliss | GPA: 3.73

POSITIONS

Graduate researcher 2025-
University of California, Berkeley

Postbaccalaureate researcher 2022
West Virginia University

Postbaccalaureate researcher 2022-2025
University of Cincinnati

NSF REU student 2021
West Virginia University

Undergraduate researcher 2019-2022
University of Cincinnati

TEACHING

Graduate student instructor, Introduction to General Astronomy Fall 2025
University of California, Berkeley

PUBLICATIONS

For a complete record of my publications and associated statistics, please visit [my ORCID record](#) on [NASA ADS](#).

OBSERVATIONS

455.24411pt

Principal investigator

1. **Mapping the circumgalactic medium of a massive galaxy at $z=2.3$ with a background lensed galaxy**4hour
2. Mapping the circumgalactic medium of a massive galaxy at $z=2.3$ with a background lensed galaxy 4 hour

Co-investigator**PRESENTATIONS**

- ✓ Talk title, Conference name, City, Country (30 May 20XY)
- ✓ Talk title, Conference name, City, Country (02 November 20XZ)
- ✓ Presentation Topic in the course of XYZ, University of ABC, City, Country (03 November 20XY)
- ✓ Euler method and modified Euler method in the course of Numerical Analysis, University of XYZ, City, Country (10 April 20XA)

CERTIFICATIONS & AWARDS

- ✓ XYZ Scholarships
- ✓ Received ABC Scholarship Award for the academic session 20XX-20XX
- ✓ Certificate of Accomplishment, Awarding Body (28 Oct 20XZ)
- ✓ Certificate of Merit in Masters (2019)
- ✓ Certificate of Merit in Bachelors (2017)

REFERENCES

References available upon request.