
Maggie Huber

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EDUCATION

- Sept 2022 - Current** **University of Colorado Boulder**
Astrophysics and Planetary Science M.S., Ph.D. Candidate
- Sept 2018 - Dec 2021** **University of Michigan - Ann Arbor**
Astronomy and Astrophysics B.S. with Honors

RESEARCH EXPERIENCE

- Mar 2022 - Current** **Research Assistant, University of Colorado Boulder**
Advisor: Julie Comerford, julie.comerford@colorado.edu
- June 2021 – Mar 2022** **LIGO SURF REU, Caltech**
Advisor: Derek Davis, dedavis@caltech.edu
- Sept 2018 - Dec 2021** **Research Assistant, University of Michigan**
Advisor: Joel Bregman, jbregman@umich.edu

PUBLICATIONS

3. **Huber, M. C.**, Simon, J., & Comerford J. M. (2025). “Comparing black hole-host galaxy scaling relations for SDSS galaxies.”, *in prep- submitted to ApJ*.
2. **Huber, M. C.**, & Davis, D. (2022). “Mitigating the effects of instrumental artifacts on source localizations.”, <https://doi.org/10.48550/arXiv.2208.13844>.
1. **Huber, M. C.**, & Bregman, J. N. (2022). “The Hosts of X-Ray Absorption Lines Toward AGNs.” *The Astronomical Journal*, 163(6), 264. <https://doi.org/10.3847/1538-3881/ac502c>

HONORS AND AWARDS

- 2024** **Ben C. Parmenter Memorial Scholarship**
Astrophysical and Planetary Sciences Department, University of Colorado Boulder
- 2023** **NSF Graduate Research Fellowship Program**
Honorable Mention
Proposed Research Title: Constraining the black hole mass function in preparation for the detection of the gravitational wave background
- 2022** **NSF Graduate Research Fellowship Program**
Honorable Mention
Proposed Research Title: Mitigating false alarms and glitches in low latency gravitational wave detection

PRESENTATIONS

- Oct 2024** **University of Michigan, NANOGrav Fall Meeting**
‘Comparing black hole-host galaxy scaling relations for SDSS galaxies.’
- July 2021** **LIGO Detchar face-to-face**
‘Mitigating the effects of instrumental artifacts on source localizations.’
- June 2021** **238th AAS Meeting**
Poster: ‘The Hosts of X-Ray Absorption Lines Toward AGNs.’

COLLABORATIONS

- NANOGrav associate member
- LIGO-Virgo-KAGRA (LVK) Collaboration member (2021-2022)

TEACHING AND OUTREACH

Teaching Assistant, Astrophysical and Planetary Sciences, University of Colorado Boulder

- Spring 2025** Astrophysics 2 - Galactic and Extragalactic, TA
Accelerated Introductory Astronomy 1, Lab Instructor
- Fall 2022** Accelerated Introductory Astronomy 1, Lab Instructor

Educator, Michigan Science Center

- Summer 2020, Summer 2019** Instructor, Mi-Sci Spark! Camp
- Dec 2019 – Mar 2020** Science Center Educator