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Education

2022 PhD in Astronomy, Boston University
2019 MA in Astronomy, Boston University
2017 BA in Astrophysics, Williams College

Employment and Research Experience

2018 - 2022 *Research Assistant*, Department of Astronomy, Boston University
2017 *Teaching Fellow*, Department of Astronomy, Boston University
2016 - 2017 *Undergraduate Researcher*, Department of Astronomy, Williams College
2016 *Research Assistant*, CERN Axion Solar Telescope, European Organization for Nuclear Research
2015 *Research Assistant*, Joint Quantum Institute, University of Maryland
2014 *Undergraduate Researcher*, Department of Physics and Astronomy, Colgate University

Volunteer Positions

2018 - 2022 Co-president, Women as Leaders in Astronomy, Boston University.
2020 - 2021 Graduate Student Representative, Department of Astronomy, Boston University.
2016 - 2017 President, Women and Gender Minorities in Physics and Astronomy, Williams College.

Honors & awards

2017 Awarded degree with honors from Williams College
2017 Induction to Sigma Xi Scientific Research Society
2015 - 2017 Clare Boothe Luce Fellowship at Williams College

Publications and Presentations

PEER-REVIEWED JOURNAL ARTICLES

2022 Rilinger, A. M., Espaillat, C. C., Xin, Z., Ribas, Á, Macías, E., & Luettgen, S., The Astrophysical Journal, under review.
2022 Clemens, D. P., Pillai, T. G. S., Rilinger, A. M., Espaillat, C. C., 2022, The Astrophysical Journal, 926, 67.

2022 Espaillat, C. C., Macías, E., Wendeborn, J., Franco-Hernández, R., Calvet, N., Rilinger, A., Cleeves, L. I., D'Alessio, P., 2022, *The Astrophysical Journal*, 924, 104.

2021 Rilinger, A. M. & Espaillat, C. C., 2019, *The Astrophysical Journal*, 921, 182.

2021 Grant, S. L., Espaillat, C. C., Wendeborn, J., Tobin, J. J., Macías, E., Rilinger, A. Ribas, Á., Megeath, S. T., Fischer, W. J., Calvet, N., Hee Kim, K., 2021, *The Astrophysical Journal*, 913, 123.

2019 Healy, B. F., Han, E., Muirhead, P. S., Skiff, B., Polakis, T., Rilinger, A., Swift, J. J., 2019, *The Astronomical Journal*, 158, 89.

2019 Rilinger, A. M., Espaillat, C. C., & Macías, E., 2019, *The Astrophysical Journal*, 878, 103.

UNDERGRADUATE HONORS THESIS

2017 Rilinger, A. M., "Spectroscopy of Planetary Nebulae at the Bright End of the Luminosity Function", Williams College (2017).

PRESENTATIONS AND CONFERENCE PROCEEDINGS

2020 Rilinger, A. M., Espaillat, C., and Macías, E. "Modeling Brown Dwarf Protoplanetary Disks", Five Years After HL Tau Virtual Conference.

2020 Rilinger, A. M., Espaillat, C., and Macías, E. "Modeling the Protoplanetary Disks of Two Brown Dwarfs in the Taurus Molecular Cloud", 6th New England Star Formation Meeting.

2019 Rilinger, A. M., Espaillat, C., and Macías, E. "Modeling Protoplanetary Disks Around Brown Dwarfs in Taurus", 5th New England Star Formation Meeting.

2016 "Understanding Planetary Nebulae at the Bright End of the Luminosity Function", Rilinger, A. M., in the 2016 Proceedings of the Keck Northeast Astronomy Consortium Symposium (2016).

2014 "Optical Variability of the Blazar BL Lacertae During Summer 2014", Karnes, K. & Rilinger, A. M., in the 2014 Proceedings of the Keck Northeast Astronomy Consortium Symposium (2014).

POSTER ABSTRACTS

2021 Clemens, D. P., Pillai, T. G. S., Rilinger, A. M., Espaillat, C. C. (2021), "Near-infrared Polarization From Unresolved Disks Around Brown Dwarfs And Young Stellar Objects", American Astronomical Society Meeting Abstracts #238, 238, 316.07.

2018 Rilinger, A., Espaillat, C., Macías, E. (2018), "Modeling Protoplanetary Disks Around Brown Dwarfs in Taurus", 20th Cambridge Workshop of Cool Stars, Stellar Systems and the Sun, 20, 255.

2017 Rilinger, A., Kwitter, K. B., Balick, B., et al. (2017), "Spectroscopy of Planetary Nebulae at the Bright End of the Luminosity Function", American Astronomical Society Meeting Abstracts #229, 229, 148.09

2017 Balonek, Thomas J.; Weaver, Zachary R.; Didio, Nicholas et al. (2017), "The Optical Variability of the Blazar 3C 454.3 over Three Decades from the Colgate University Foggy Bottom Observatory", American Astronomical Society Meeting Abstracts #229, 229, 250.34

2016 Balonek, Thomas J.; Weaver, Zachary; Didio, Nicholas, et al. (2016), “The 2013-2015 Optical Outburst and Historic Light Curve of the Blazar 3C 454.3”, American Astronomical Society Meeting Abstracts #227, 227, 243.60

Teaching

2017 Teaching Assistant for AS107, “Life Beyond Earth”, Boston University

2016 Peer tutor for introductory-level astronomy students, Williams College

2014 - 2017 Observatory Teaching Assistant, Williams College