





Anya Phillips

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PROFESSIONAL APPOINTMENTS

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| Graduate Research Assistant , Center for Astrophysics Harvard & Smithsonian Advisor: Charlie Conroy | 2024–present |
| Undergraduate Research Assistant , OSU Advisor: Christopher Kochanek | 2022–2024 |
| NSF REU Intern , Smithsonian Astrophysical Observatory Advisors: Cecilia Garraffo, Joshua Wing, Phillip Cargile | 2023 |

EDUCATION

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|--|-----------------------|
| Harvard University <i>Ph.D., Astronomy and Astrophysics</i> | 2030 (Intended) |
| The Ohio State University <i>B.S., Physics and Astronomy; Minor in Mathematics</i> | 2024 GPA: 3.99 |
| Columbus State Community College <i>Transient Student Program</i> | 2018–2020 GPA: 4.0 |

PUBLICATIONS

First Author

Statistical Estimates of the Binary Properties of Rotational Variables

Phillips, A. and Kochanek, C.S.

Monthly Notices of the Royal Astronomical Society, accepted

<https://doi.org/10.1093/mnras/staf634>

Seven Classes of Rotational Variables From a Study of 50,000 Spotted Stars with ASAS-SN, Gaia, and APOGEE

Phillips, A., Kochanek, C.S., Jayasinghe, T., Cao, L., Christy, C.T., Rowan, D.M., Pinsonneault, M.H.

Monthly Notices of the Royal Astronomical Society, Volume 527, Issue 3, January 2024, Pages 5588–5602

<https://doi.org/10.1093/mnras/stad3564>

Contributing Author

Rotational Variables: Kepler versus ASAS-SN

Stethem, J., Kochanek, C.S., **Phillips, A.**, Cao, L., Pinsonneault, M.H.

Submitted to the Open Journal of Astrophysics; [arXiv:2506.13919](https://arxiv.org/abs/2506.13919)

AWARDS AND HONORS

National

NSF Graduate Research Fellowship 2024

Goldwater Scholarship 2023

University

L. Earl Slusher Scholarship | OSU Department of Astronomy 2024

Physics Senior Award | OSU Department of Physics 2024

Smith Junior Award | OSU Department of Physics 2023

Ann Slusher Tuttle Award | OSU Department of Astronomy 2022

Dean's List 8/8 Semesters | OSU 2020–2024

PRESENTATIONS

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| Conference for Undergraduate Women in Physcs poster session, West Virginia University | January 2024 |
| American Astronomical Society , 243 rd meeting, iPoster session, New Orleans, LA | January 2024 |
| REU Symposium , Center for Astrophysics Harvard & Smithsonian (video) | August 2023 |
| Spring Undergraduate Research Festival poster session, OSU | April 2023 |
| Conference for Undergraduate Women in Physics poster session, Brown University | January 2023 |
| Summer Undergraduate Research Symposium , Department of Astronomy, OSU | July 2022 |

TEACHING

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| Department of Astronomy OSU; <i>Teaching Assistant</i> | 2021–2024 |
| ASTRON 1101: From Planets to the Cosmos, ASTRON 1141: Life in the Universe, ASTRON 2140: Planets & the Solar System, ASTRON 2292: Stellar, Galactic, and Extragalactic Astrophysics | |
| Math and Statistics Learning Center OSU; <i>Student Tutor</i> | 2021–2022 |
| College Algebra, Calculus I, Ordinary and Partial Differential Equations, and Linear Algebra | |

PROFESSIONAL SERVICE

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| Representative, Harvard Astronomy Student-Faculty Council | 2024–Present |
| Leadership Member, Polaris Mentoring Program | 2023–2024 |