





# Anya Phillips

 [github.com/anya-m-phillips](https://github.com/anya-m-phillips)  [anya-m-phillips.github.io](https://anya-m-phillips.github.io)  [anya.phillips@cfa.harvard.edu](mailto:anya.phillips@cfa.harvard.edu)  [0009-0005-1914-974X](https://orcid.org/0009-0005-1914-974X)

## PROFESSIONAL APPOINTMENTS

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

## EDUCATION

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

## REFEREED 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*

Jack Stethem, C.S. Kochanek, **Anya Phillips**, Lyra Cao, Marc Pinsonneault

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

## TEACHING

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<b>Department of Astronomy</b>   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	
<b>Math and Statistics Learning Center</b>   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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<b>Representative, Harvard Astronomy Student-Faculty Council</b>	2024–Present
<b>Leadership Member, <a href="#">Polaris Mentoring Program</a></b>	2023–2024