Stephanie Hall

Norman, OK, USA

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EDUCATION

University of Oklahoma Norman, OK, USA
Ph.D. Astrophysics
Advisor: Dr. Sean Matt
"Dissertation Title Here" *Summer 2028*

University of Michigan - Flint Flint, MI, USA
B.S. Science - Physics *Month Year*

EMPLOYMENT

Research Assistant with Sean Matt — June 2023 – Present
University of Oklahoma

Teaching Assistant – Exploring the Universe — August 2022 – May 2023
Institution Name

Research Assistant with Dr. Rajib Ganguly — August 2019 – June 2022
Institution Name

HONORS AND AWARDS

Graduate

Undergraduate

University of Michigan – Flint

- Burnham Memorial Scholarship
- L.J. Dauwe Physics Scholarship
- David Zick Scholarship
- Freeman CSEP Scholarship
- Genesee Scholarship 2
- Michigan Competitive Scholarship
- Boys DeGraaf Rose Physics Scholarship
- Maize & Blue Merit Scholarship
- Federal SEOG
- Freshman Merit Scholarship
- Private Scholarship 1
- Genesee Scholarship 1

PRESENTATIONS

"Beyond the Footnote: Women that have Shaped Astronomy" March 2026
Contributed talk, Astronomy on Tap: OKC, Norman, OK

"The Fate of Planets: Coupling Stellar Evolution to
Planetary Atmospheric Lifetimes for TOI-1430 b" March 2026
Poster, AASTCS 11: Exoplanet Atmospheres 2026, Denver, CO

"The Fate of Planets: Coupling Stellar Rotational Evolution to
Planetary Atmospheric Lifetimes for TOI-1430" January 2026
Contributed talk, AAS Meeting, Phoenix, AZ

"Stellar XUV Luminosity's Dependence on Rotational Frequency
Determines the Evaporation Rate of Gaseous Planets" June 2025
Poster, AAS Meeting, Anchorage, AK

OUTREACH

Lunar Sooners Member August 2022 – Present
Set up telescopes for public observations.

Astronomy on Tap: OKC Chapter Founder August 2025
Establish Astronomy on Tap: OKC chapter that focuses on short astronomy talks in a bar with goal of public education. Organized speakers, set up venue and schedule, made trivia and games.

Community Belonging Committee August 2025
Plan department wide events for all by creating a supportive climate for all members of the department, embracing each person's unique contributions, background, and perspectives.

PUBLICATIONS

First Author Papers

[1] **Hall, S.**, Barnes, R., Matt, S.P (2026). Constraining the History and Fate of the Atmosphere of TOI-1430 b. *In prep*, Volume(Issue), pages.