Patrick Newman

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Previous position

PhD Candidate, George Mason University, Fairfax (graduated December 2025)

Areas of specialisation

Astronomy; Exoplanets; Extreme Precision Radial Velocity survey simulations

Education

2025	PhD in Astronomy, George Mason University
2015	BSc in Physics, University of Missouri – Kansas City

Grants, honors & awards

2024	Spring/Summer 2024 Dissertation Completion Grant
2024	Summer 2024 Research Fellowship

Publications & talks

JOURNAL ARTICLES

2023	Patrick, Newman et al(2023), "Simulations for Planning Next-Generation Exoplanet Radial Velocity Surveys", *Astronomical Journal* 17: 891–921.

Posters

2022   Newman, Patrick (2022), *Exoplanets IV*, 2022BAAS...54e.226N

2018   Newman, Patrick (2018), *AAS 233*, 2018AAS...23143901N

2017   Newman, Patrick (2017), *AAS 231*, 2017AAS...22914610N

Reports

2019   NASA JPL (2019), *HabEx Habitable Exoplanet Observatory Final Report*,
            https://www.jpl.nasa.gov/habex/pdf/HabEx-Final-Report-Public-Release.pdf

2021   NN-Explore (2021), *EPRV Working Group Final Report*,
            https://exoplanets.nasa.gov/internal_resources/2000/

2021   NN-Explore (2021), *EPRV Sims Technical Report*,
            https://exoplanets.nasa.gov/internal_resources/1950/

Teaching

2021-2023   George Mason University (S2021,F2022,S2023), Graduate Teaching Assistant, *Intro to Astronomy*

2016-2017   Missouri State University (F2016-S2017), Graduate Teaching Assistant, *Intro to Astronomy*