

# Stanford

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## Adi Foord

Postdoctoral Scholar, Physics

### Bio

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#### BIO

I am a Porat Postdoctoral Fellow at the Kavli Institute for Particle Astrophysics and Cosmology at Stanford University. My research is focused on high-energy astrophysics, where I analyze X-ray activity in space using observations taken by the Chandra X-ray Observatory. I study a variety of supermassive black hole environments in order to understand which factors are critical to their evolution. Most of my day is spent searching for dual AGN and studying their activity.

#### PROFESSIONAL EDUCATION

- Doctor of Philosophy, University of Michigan Ann Arbor (2020)
- Master of Science, University of Michigan Ann Arbor (2017)
- Bachelor of Arts, Boston University , Astronomy & Physics (2014)

#### STANFORD ADVISORS

- Steven Allen, Postdoctoral Faculty Sponsor

#### LINKS

- Personal Website: [www.adifoord.com](http://www.adifoord.com)

### Publications

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#### PUBLICATIONS

- **Investigating the Accretion Nature of Binary Supermassive Black Hole Candidate SDSS J025214.67-002813.7** *ASTROPHYSICAL JOURNAL*  
Foord, A., Liu, X., Gultekin, K., Whitley, K., Shi, F., Chen, Y.  
2022; 927 (1)
- **AGN Triality of Triple Mergers: Detection of Faint X-Ray Point Sources** *ASTROPHYSICAL JOURNAL*  
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2021; 907 (2)
- **AGN Triality of Triple Mergers: Multiwavelength Classifications** *ASTROPHYSICAL JOURNAL*  
Foord, A., Gultekin, K., Runnoe, J. C., Koss, M. J.  
2021; 907 (2)
- **Extended X-ray emission from the  $z=4.26$  radio galaxy 4C 63.20** *MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY*  
Napier, K., Foord, A., Gallo, E., Ghisellini, G., Hodges-Kluck, E., Wu, J., Haardt, F., Ciardi, B.  
2020; 498 (2): 1550–59
- **A Second Look at 12 Candidate Dual AGNs Using BAYMAX** *ASTROPHYSICAL JOURNAL*  
Foord, A., Gultekin, K., Nevin, R., Comerford, J. M., Hodges-Kluck, E., Barrows, R., Goulding, A. D., Greene, J. E.

2020; 892 (1)

- **The Seoul National University AGN Monitoring Project. II. BLR Size and Black Hole Mass of Two AGNs** *ASTROPHYSICAL JOURNAL*  
Rakshit, S., Woo, J., Gallo, E., Hodges-Kluck, E., Shin, J., Jeon, Y., Bae, H., Baldassare, V., Cho, H., Cho, W., Foord, A., Kang, D., Kang, et al  
2019; 886 (2)
- **A Bayesian Analysis of SDSS J0914+0853, a Low-mass Dual AGN Candidate** *ASTROPHYSICAL JOURNAL*  
Foord, A., Gultekin, K., Reynolds, M. T., Hodges-Kluck, E., Cackett, E. M., Comerford, J. M., King, A. L., Miller, J. M., Runnoe, J. C.  
2019; 877 (1)
- **A Multi-wavelength Analysis of Binary-AGN Candidate PSO J334.2028+01.4075** *ASTROPHYSICAL JOURNAL*  
Foord, A., Gultekin, K., Reynolds, M., Ayers, M., Liu, T., Gezari, S., Runnoe, J.  
2017; 851 (2)
- **Kinematics of Parsec-scale Jets of Gamma-Ray Blazars at 43GHz within the VLBA-BU-BLAZAR Program** *ASTROPHYSICAL JOURNAL*  
Jorstad, S. G., Marscher, A. P., Morozova, D. A., Troitsky, I. S., Agudo, I., Casadio, C., Foord, A., Gomez, J. L., MacDonald, N. R., Molina, S. N., Lahteenmaki, A., Tammi, J., Tornikoski, et al  
2017; 846 (2)
- **AGN Activity in Nucleated Galaxies as Measured by Chandra** *ASTROPHYSICAL JOURNAL*  
Foord, A., Gallo, E., Hodges-Kluck, E., Miller, B. P., Baldassare, V. F., Gultekin, K., Gnedin, O. Y.  
2017; 841 (1)
- **DIRECT SPATIAL ASSOCIATION OF AN X-RAY FLARE WITH THE ERUPTION OF A SOLAR QUIESCENT FILAMENT** *ASTROPHYSICAL JOURNAL*  
Holman, G. D., Foord, A.  
2015; 804 (2)