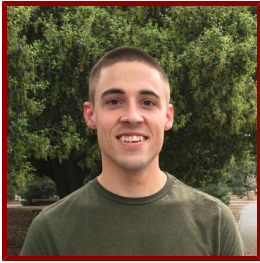


# Stanford

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## Adam Wright

Ph.D. Student in Physics, admitted Autumn 2012

### Bio

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#### BIO

I'm a Ph.D. student in the Physics Dept. intending to graduate this year. My research is in weak gravitational lensing and galaxy cluster cosmology, but I'm interested in nearly everything that falls under the broad umbrella of observational cosmology. I did my undergraduate work at the University of Wisconsin-Madison where I majored in Mathematics, Physics, Astronomy, and Nuclear Engineering, while conducting research with the IceCube Neutrino Observatory in cosmic ray composition.

#### EDUCATION AND CERTIFICATIONS

- BS, University of Wisconsin, Math, Physics, Astronomy, and Nuclear Engineering (2012)

#### STANFORD ADVISORS

- Roger Blandford, Doctoral Dissertation Reader (AC)
- Steven Allen, Doctoral Dissertation Advisor (AC)

#### LINKS

- My Code on Github (at least the stuff that's public): <https://github.com/arwright3>
- LinkedIn: <https://www.linkedin.com/in/adam-wright-stanford/>

### Research & Scholarship

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#### CURRENT RESEARCH AND SCHOLARLY INTERESTS

I'm Interested in all things observational cosmology, but particularly weak gravitational lensing and galaxy cluster cosmology. This is an exciting time for these fields because the LSST will be unleashed in a few years and we'll be measuring the universe to such a high degree of precision we're bound to overthrow some paradigms in cosmology and uncover something new out in the cosmos.

#### LAB AFFILIATIONS

- Steven Allen, XOC group (1/1/2013)

### Publications

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#### PUBLICATIONS

- **Weighing the giants - IV. Cosmology and neutrino mass** *MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY*  
Mantz, A. B., von der Linden, A., Allen, S. W., Applegate, D. E., Kelly, P. L., Morris, R. G., Rapetti, D. A., Schmidt, R. W., Adhikari, S., Allen, M. T., Burchat, P. R., Burke, D. L., Cataneo, et al  
2015; 446 (3): 2205-2225

- **Robust weak-lensing mass calibration of Planck galaxy clusters** *MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY*  
von der Linden, A., Mantz, A., Allen, S. W., Applegate, D. E., Kelly, P. L., Morris, R. G., Wright, A., Allen, M. T., Burchat, P. R., Burke, D. L., Donovan, D., Ebeling, H.  
2014; 443 (3): 1973-1978