

# JOEL C. ZINN

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PhD Candidate ◊ <http://joelcinn.com>

## EDUCATION

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**Ohio State University** 2014–  
PhD in Astronomy  
**Princeton University** 2013  
BA in Astrophysical Sciences, magna cum laude  
Minor in Theatre

## PUBLICATIONS ([ADS](#))

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**Zinn, J. C.**; Huber, D.; Pinsonneault, Marc H.; Stello, D., *Evidence for spatially-correlated Gaia parallax errors in the Kepler field*, ApJ (accepted), 2017 ([arXiv:1706.09416](#))

**Zinn, J. C.**; Kochanek, C. J.; et al. (+ 12 additional authors), *Variable classification in the LSST era: Exploring a model for quasi-periodic light curves*, MNRAS, Volume 468, Issue 2, pp. 2189–2205, 2017 ([arXiv:1612.04834](#))

Stello, D.; **Zinn, J. C.**; et al. (+ 12 additional authors), *The K2 Galactic Archaeology Program Data Release 1: Asteroseismic results from Campaign 1*, ApJ, Volume 835, Issue 1, 2017 ([arXiv:1611.09852](#))

Kennedy, M. R.; Callanan, P.; Garnavich, P. M.; Fausnaugh, M.; **Zinn, J. C.**, *XMM-Newton Observations of the Peculiar Cataclysmic Variable Lanning 386: X-ray evidence for a Magnetic Primary*, MNRAS, Volume 466, Issue 2, pp. 2202–2211, 2017 ([arXiv:1612.04397](#))

SDSS Collaboration, *The Thirteenth Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the SDSS-IV Survey MAPPING Nearby Galaxies at Apache Point Observatory*, ApJS (submitted), 2017 ([arXiv:1608.02013](#))

More, A.; Oguri, M.; Kayo, I.; **Zinn, J. C.**; et al. (+ 14 additional authors), *The SDSS-III BOSS quasar lens survey: discovery of 13 gravitationally lensed quasars*, MNRAS, Volume 456, Issue 2, pp. 1595–1606, 2016 ([arXiv:1509.07917](#))

Slepian, Z.; Gott, R.; and **Zinn, J. C.**, *A one-parameter formula for testing slow-roll dark energy: observational prospects*, MNRAS, Volume 438, Issue 3, pp. 1948–1970, 2014 ([arXiv:1301.4611](#))

(+ 493 additional authors); **Zinn, J. C.**, *The Ninth Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the SDSS-III Baryon Oscillation Spectroscopic Survey*, ApJS, Volume 203, Issue 2, 2012 ([arXiv:1207.7137](#))

## RECENT PRESENTATIONS

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*Mind the GAP: A 360 degree view of the Galaxy with the K2 Galactic Archaeology Program*, Galactic Archeology, Kepler & K2 Science Conference IV, 2017 (contributed talk)

*K2 red giant asteroseismology with Bayesian Asteroseismology data Modeling (BAM)*, Galactic Archeology with Kepler and K2, AAS 229, 2017 (invited talk)

## PUBLIC OUTREACH

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*Show presenter and designer*, Ohio State University planetarium, 2014–2016

*Organizer*, Astronomy on Tap (public outreach presentations at bars in Columbus), 2015–2016

## **TEACHING**

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*Life in the universe*, Head lab instructor, 2014, Ohio State University

## **PROFESSIONAL SERVICES AND ACTIVITIES**

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*Junior Member*, American Astronomical Society (2016–present)

*Member* Sigma Xi (2013–present)

## **TECHNICAL STRENGTHS**

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<b>Languages</b>	Python, Cython, Fortran, HTML
<b>Tools</b>	Latex, Emacs