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### Education

The Ohio State University, Columbus, Ohio

Advisor: David H. Weinberg

Ph.D. in Astrophysics 2008 – 2013

The Ohio State University, Columbus, Ohio

M.Sc. in Astrophysics 2008 – 2010

Nanjing University, China

B.S. in Astronomy 2001 – 2005

## Research Interests

Theoretical astrophysics and cosmology with close tie to observations:

Cluster cosmology, weak lensing, cluster galaxy kinematics, dark enery and modified gravity

Quasar variability, measuring masses of supermassive blackholes, galaxy formation

#### Awards and Honors

Distinguished University Fellowship (OSU)	2008/2009, 2011/2012
National Fellowship of China (Ministry of Education, China)	2003, 2004, 2005
People's Scholarship for Excellence in Undergraduate Study (NJU)	2004
Yung Yau Scholarship Award	2003
Murota International Scholarship	2002
Outstanding Freshman Award (NJU)	2001

## **Invited Talks**

Berkeley Cosmology Group Seminar, UC Berkeley

Oct. 19 2012

Chinese Academy of Sciences Colloquium, Shanghai Observatory

Aug. 30 2010

# References

Prof. David H. Weinberg Prof. Christopher S. Kochanek

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- 7. Tinker, J. L., Sheldon, E. S., Wechsler, R. H., Becker, M. R., Rozo, E., **Zu, Y.**, Weinberg, D. H., Zehavi, I., Blanton, M. R., Busha, M. T., and Koester, B. P. (2012). Cosmological constraints from galaxy clustering and the mass-to-number ratio of galaxy clusters. *The Astrophysical Journal*, 745:16.
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