

# Guang Yang

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## Research

Active Galactic Nucleus  
Black Hole-Galaxy Coevolution

## Education

Ph.D. Student, Astronomy, The Pennsylvania State University (PSU), 2014-present.  
B.S. Astronomy, University of Science and Technology of China (USTC), 2014.

## Selected Awards

Chandra Cycle 19 Archive Proposal: "Where do Monsters Grow?" (2017, PSU)  
Downsborough Graduate Fellowship (2017, PSU)

## Teaching

Instructor of "Elementary Astronomy Laboratory" (spring 2016, PSU)  
Teaching assistant of the telescope activities (fall 2015, PSU)  
Teaching assistant of "The Introduction of Astronomy" (fall 2013, USTC)

## Recent Publications

Yang, G., Brandt, W. N., F. Vito, C-TJ Chen, ... & J.-X. Wang (2018) "Linking black-hole growth with host galaxies: The accretion-stellar mass relation and its cosmic evolution". *Monthly Notices of the Royal Astronomical Society*, in press.

Vito, F.; Brandt, W. N.; Yang, G.; Gilli, R.; Luo, B.; ... & Wang, J. (2018) "High-redshift AGN in the Chandra Deep Fields: the obscured fraction and space density of the sub- $L_*$  population" *Monthly Notices of the Royal Astronomical Society*, 473(2), 2378-2406

Zheng, X. C.; Xue, Y. Q.; Brandt, W. N.; Li, J. Y.; Paolillo, M.; Yang, G.; ... & Shu, X. W. (2017) "Deepest View of AGN X-Ray Variability with the 7 Ms Chandra Deep Field-South Survey", *The Astrophysical Journal*, 849(2), 127.