

# 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

G. Yang, C-TJ Chen, F. Vito, W. N. Brandt, ... & J.-X. Wang (2017) "Black-Hole Growth is Mainly Linked to Host-Galaxy Stellar Mass rather than Star Formation Rate". *The Astrophysical Journal*, 842(2), 72.  
Vito, F.; Brandt, W. N.; Yang, G.; Gilli, R.; Luo, B., ... & Wang, J. (2017) "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*, in press  
Paolillo, M., Papadakis, I., Brandt, W. N., Luo, B., Xue, Y. Q., Tozzi, P., ... & Gilli, R. "Tracing the accretion history of supermassive Black Holes through X-ray variability: results from the Chandra Deep Field-South." *Monthly Notices of the Royal Astronomical Society*, 471(4), 4398-4411