

Curriculum Vitae for William Nielsen Brandt

1 Professional Positions

Professor of Astronomy & Astrophysics and Physics, The Pennsylvania State University, August 2014–present (Verne M. Willaman Professor); January 2010–August 2014 (Distinguished Professor); July 2003–January 2010 (Professor); May 2001–July 2003 (Associate Professor); August 1997–May 2001 (Assistant Professor)

Smithsonian Postdoctoral Fellow, Harvard-Smithsonian Center for Astrophysics, September 1996–August 1997

2 Education

1996, Ph.D., Astronomy, University of Cambridge, United Kingdom

1992, B.S., Honors, Physics, California Institute of Technology

3 Honors and Awards

Bruno Rossi Prize of the American Astronomical Society HEAD, 2016

Thomson Reuters Highly Cited Researcher in Space Science, 2007, 2014–2016

American Physical Society Fellowship, 2009

Newton Lacy Pierce Prize of the American Astronomical Society, 2004

National Science Foundation CAREER Award, 2000–2007

Alfred P. Sloan Research Fellowship, 1999–2004

4 Selected Professional Activities

Twenty-four years of astronomy research experience with more than 450 publications in refereed journals on topics including active galaxies, cosmic surveys, starburst galaxies, X-ray binaries, and the Galactic center. These have been cited more than 36,000 times, and a list is available at <http://www2.astro.psu.edu/~niel/cv/research.pdf>.

Has served as research supervisor for 23 postdoctoral research associates, 20 graduate students, and 12 undergraduate students.

Science team member for X-ray missions planned and under development.

Chair of the Science Collaboration on Active Galactic Nuclei and the Interest Group on Deep Drilling Fields for the Large Synoptic Survey Telescope (LSST). Member of the LSST Science Advisory Committee.

Scientific organizing committee member for 20 international conferences and workshops. Editor for two conference proceedings.

Regular teacher of courses on high-energy astrophysics, black holes, active galaxies, introductory astronomy, and cosmology.

Lead instructor for the Penn State Inservice Workshops in Astronomy (2000–2017). Teach senior and junior high-school teachers about galaxies, cosmology, and black holes.