

GORDON T. RICHARDS

Drexel University
Department of Physics
3141 Chestnut Street
Philadelphia, PA 19104

gtr@physics.drexel.edu
Phone: (215) 295-2713
Fax: (215) 295-5934
www.physics.drexel.edu/~gtr/

RESEARCH INTERESTS

Quasars, Quasar Absorption Lines, Galaxy Evolution, Gravitational Lensing

PERSONAL

Born 26 February 1972, Chicago, IL; Married; two children

EDUCATION

The University of Chicago

Ph.D. 2000 (Sugarman Award), Astrophysics; Professor Donald G. York
S.M. 1995, Astrophysics

Princeton University

A.B. 1994 *cum laude*, Astrophysics; Professor Edwin L. Turner

ACADEMIC EMPLOYMENT

August 2006 - Present, **Drexel University**

Associate Professor of Physics (9/2010 -)

Humboldt Research Fellowship, Max Planck Institut für Astronomie (2012–2013)

Assistant Professor of Physics (8/2006 – 8/2010)

Antelo Devereux Award for Young Faculty (2009)

Alfred P. Sloan Research Fellowship (2007–2011)

August 2005 – July 2006, **Johns Hopkins University**

Gordon and Betty Moore Fellow; Assoc. Research Scientist

August 2002 – July 2005, **Princeton University**

Research Staff and Res. Assoc./SDSS Postdoctoral Fellow

August 2000 – July 2002, **The Pennsylvania State University**

Research Associate

TEACHING EXPERIENCE

AY 2006-2013 **Drexel University**

PHYS 131 (S+F'07, S+F'08, S+F'09, S+F'10, S+F'11, S+F'12, F'13, S'14)

PHYS 408 (S'08, AY08–09, AY09–10, AY10–11, AY11–12, F'12, AY13–14)

PHYS 114 (W'09, W'10, W'11, W'12, W'14); PHYS 112 (W'07, W'08)

PHYS 232 (F'07, F'09, F'11, F'13)

Fall 2001 and Spring 2002, **The Pennsylvania State University**

Astro 10 (Introductory Astronomy)

PROFESSIONAL ACTIVITIES

AAS, ASP, and AAPT Member
LSST AGN Science Collaboration, Drexel Institutional Rep.
Referee for ApJ, AJ, MNRAS, PASP, A&A, Phys. Rev. Letters
Reviewer for NSF, NASA, *Chandra*, *Spitzer*, *HST*, & *GALEX*
NRAO VLASS Extragalactic Working Group, 2014 (co-chair)
Thomson Reuters' "Highly Cited Researchers 2014"
NRAO User's Committee, 2010-2013 (co-chair 2012)
HEASARC (NASA X-ray Database) Users Group, 2006–2008
SDSS I/II "Builder", Quasar Working Group Deputy Co-Chair

RECENT GRANTS

NSF (2013): "CDS&E: AGNs Amidst the Data Deluge"; \$185,000 (PI)
Spitzer Cycle-9: "SpIES: The Spitzer-IRAC Equatorial Survey"; \$397,250 (PI)
Chandra Cycle-14: "Using X-rays to Test for Black Hole Mass Biases"; \$74,996 (PI)
NASA ADP (2011): "The Ultimate Multiwavelength Quasar Survey"; \$244,779 (PI)
NSF (2010): "Radio-Loud Quasars: What, When, Where, Why, & How"; \$168,310 (PI)
GALEX Cycle-6: "Mid-IR Through UV SEDs of SDSS Type I Quasars"; \$40,000 (PI)
NSF: "Where is the Information in Cluster Lensing?"; (Co-I)
Spitzer Cycle-6: "Leveraging Spitzer's Legacy"; \$56,450 (PI)
Spitzer Cycle-6: "SERVS"; \$20,000 (Co-I)
Alfred P. Sloan Research Fellowship (2007-2011); \$45,000
NASA ADP (2007): "AGN SEDs and Feedback"; \$244,499 (PI)

RECENT PROFESSIONAL TALKS

The Inner Regions of Quasars Symposium (Invited), September 2014
The Multi-Wavelength, Multi-Epoch Heritage of Stripe 82 (Inv.), Princeton, March 2014
Astronomisches Rechen-Institut, Univ. Heidelberg, May 2013
Far Infrared Workshop, Schloß Ringberg, May 2013
Northwestern University, September 2012
University of Wyoming, February 2012
Imperial College London, December 2011
AGN Winds in Charleston, October 2011
Max Planck Institut für Astronomie, August 2011
Very Wide Field Surveys in Light of Astro 2010 (Invited), June 2011
Georgia Tech, March 2011
COSPAR 2010 Conference (Invited), Bremen, Germany, July 2010
First Galaxies, Quasars, & Gamma-ray Bursts Conf. (Invited), Penn State, June 2010
University of Nevada, Las Vegas, March 2010
Harvesting the Desert (Invited), Marseilles, June 2009
University of Western Ontario, April 2009
Classification and Discovery in Large Surveys (Invited), Schloß Ringberg, Oct. 2008
XXL Workshop (Invited), Paris, April 2008
Harvard/CfA Colloquium, March 2008