Russel J. White

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Research Interests

Star and Planet Formation
Tests of Stellar Evolutionary Models
High Dispersion Spectroscopy
Extrasolar Planets
Binary Stars
Interferometry

Employment

Associate Professor — ***August 2013 - Present***
Georgia State University

Assistant Professor — ***August 2008 - August 2013***
Georgia State University

Assistant Professor — ***January 2006 - August 2008***
University of Alabama in Huntsville

Postdoctoral Scholar — ***June 2002 - December 2005***
California Institute of Technology
Sponsor: Dr. Lynne A. Hillenbrand

Harlan J. Smith Postdoctoral Fellow — ***November 1999 - June 2002***
University of Texas, Austin
Sponsor: Dr. Tom Barnes

Education

Ph.D., Astronomy — ***November 1999***
University of California, Los Angeles
Adviser: Dr. Andrea M. Ghez

M. S., Astronomy — ***December 1995***
University of California, Los Angeles

B. S., Astronomy — ***June 1993***
The Ohio State University
Magna cum laude, with distinction

Grants Awarded (as P.I.)

2015 NSF Astronomy & Astrophysics Grant ($381,263 awarded, 3 years)
"The Ages of Nearby A-Type Stars"
2011 NASA Origins of Solar Systems Grant ($122,241 awarded, 2 years)
"A Search for Planets in the Metal Rich Open Cluster Praesepe"
2010 NSF Astronomy & Astrophysics Grant ($332,431 awarded, 3 years)
"The Exoplanet Frontiers: A Star Ages and M Star Planets"
2010 NASA/Keck Principle Investigator Data Analysis Fund ($13,500 awarded)
"Do the Smallest Stars Really Have Planets?"

Grants Awarded (con't)

2009 GSU Research Initiation Grant ($9,950 awarded)
"A Search for Planets Orbiting Our Nearest Stellar Neighbors"
2007 NSF Astronomy & Astrophysics Grant ($148,380 awarded; 2 years)
"An Infrared Radial Velocity Search for Young Planets"
2006 NASA/Keck Principle Investigator Data Analysis Fund ($20,600 awarded)
"The Search for Young Planets"
2006 UAH Minigrant ($9,814 awarded)
"A Test of Brown Dwarf Formation Theories"
2003 Hubble Space Telescope, Cycle 12 General Observer, ($128,000 awarded)
"A Search for Young Binary Brown Dwarfs: Constraining Formation Scenarios and Masses Through Multiplicity"

Student Grants (acting P.I.)

2013 NSF Graduate Student Research Fellowship ($42,000 per year, up to 3 yr)
"Finding New Worlds in New Environments", Mr. Samuel Quinn
2012 NSF Graduate Student Research Fellowship ($42,000 per year, up to 3 yr)
"Finding Nearby Young Planets: A New Approach", Ms. Nicole Cabrera
2010 NSF Graduate Student Research Fellowship ($40,500 per year, up to 3 yr)
"CAESAR: a Companion Assessment of Equatorial Stars with Astrometry and Radial Velocities", Ms. Cassy Davison

Teaching Experience

Lecturer	***Student level:***
"Seminar in Astronomy" (GSU)	*undergraduate*
"Stellar and Galactic Astronomy" (x7, GSU)	*undergraduate*
"Astronomy of the Solar System" (x6, GSU)	*undergraduate*
"Stellar Structure and Evolution" (x3, GSU)	*graduate*
"Observational Astrophysics" (UAH)	*graduate*
"General Physics II" (x2; UAH)	*undergraduate*
"General Physics I" (x2; UAH)	*undergraduate*
"Conceptual Physics" (UAH)	*undergraduate*
Adviser	
7 graduate students, 2 undergraduate students (GSU)	***2008 - present***
2 graduate students, 3 undergraduate students (UAH)	***2006 - 2008***
1 graduate student, 1 undergraduate student (Caltech)	***2002 - 2005***
Volunteer	
Atlanta Science Festival, *Starry Starry Night*, host	***2014, 2015***
Hard Labor Creek Observatory, open house night host	***2008 - present***
Invited Panelist, for *Horizon Theater* Panel Discussion	***2009***
Northern Alabama's Astronomy "Science Olympiad" (UAH)	***2006 - 2008***

Honors & Awards

Commencement Speaker, Labrae High School (Leavittsburg, OH)	***2012***
UAH, Lecture Demonstration, "People's Choice Award"	***2006***
UT Austin, Harlan J. Smith Postdoctoral Fellowship	***1999 - 2002***
Carnegie DTM, Postdoctoral Fellowship (declined)	***1999***
UC Berkeley, President's Postdoctoral Fellowship (declined)	***1999***

University Service

Physics & Astronomy Space, Planning and Development Comm.	***2014 - present***
Physics & Astronomy Colloquium Committee, Chair	***2015 - present***
University Senate, Committee on Planning and Development	***2012 - present***

University Service (con't)	University Senate, Committee on Faculty Affairs	***2012 - present***
	Faculty Affairs Subcommittee on Human Resources, Chair	***2014 - present***
	2nd Century Initiative Doctoral Fellowship Committee	***2012 - present***
	2nd Century Initiative Proposal Committee (Astronomy)	***2010 - present***
	Director, Hard Labor Creek Observatory	***2010 - present***
	Physics & Astronomy Graduate Admissions Committee	***2008 - present***
	Physics & Astronomy Examination Committee	***2008 - present***
	Physics & Astronomy Department Website Committee	***2011 - 2013***
	GSU Physics & Astronomy Curriculum Assessment Committee	***2009 - 2013***
	GSU Astronomy Club, Faculty Adviser	***2012 - 2013***
	UAH Barry M. Goldwater Scholarship Nomination Committee	***2008***
	UAH Honors Council	***2007 - 2008***
	UAH Physics Department Graduate Committee	***2006 - 2008***

Astronomical Service	*Kepler* Participating Scientists Program, Panel Review	***2013***
	NASA's IRTF, Time Allocation Committee (4 semesters)	***2007 - 2009***
	NSF Review Panel, Astronomy & Astrophysics Grants	***2008***
	Cycle 4 Spitzer Space Telescope, Time Allocation Committee	***2007***
	Spitzer Postdoctoral Fellowship Committee	***2005***
	Palomar/Keck, Time Allocation Committee (Caltech)	***2003***

5 Recent Refereed Publications *

"A 3D Search for Companions to 12 Nearby M-Dwarfs"
Davison, C. L., White, R. J., Henry, T. J., Riedel, A. R., Jao, W., Bailey, J. I., III, **Quinn, S. N., Cantrell, J. R.**, Subasavage, J. P., Winters, J. G. 2015, AJ, 149, 106

"HD 285507b: An Eccentric Hot Jupiter in the Hyades Open Cluster"
Quinn, S. N., White, R. J., Latham, D. W., Buchhave, L. A., Torres, G., Stefanik, R. P., Berlind, P., Bieryla, A., Calkins, M. C., Esquerdo, G. A., Fürész, G., Geary, J. C., Szentgyorgyi, A. H. 2014, ApJ, 787, 27

"The Solar Neighborhood. XXXIII. Parallax Results from the CTIOPI 0.9m Program: Trigonometric Parallaxes of Nearby Low-Mass Active and Young Systems"
Riedel, A. R., Finch, C. T., Henry, T. J., Subasavage, J. P., Jao, W.-C., Malo, L., Rodriguez, D. R., **White, R. J.,** Gies, D. R., Dieterich, S. B., Winters, J. G., **Davison, C. L.**, Nelan, E. P., Blunt, S. C., Cruz, K. L., Rice, E. L., Ianna, P. A. 2014, AJ, 147, 85

"Periodic and Aperoidic Variability in the Molecular Cloud rho Ophiuchus"
Parks, J. R., Plavchan, P., **White, R. J.,** Gee, A. H. 2014, ApJS, 211, 3

"The Closest M-dwarf Quadruple System to the Sun"
Davison, C. L., White, R. J., Jao, W.-C., Henry, T. J., Bailey, J. I., III, **Quinn, S. N., Cantrell, J. R.**, Riedel, A. R., Subasavage, J. P., Winters, J. G., Crockett, C. J. 2014, AJ, 147, 26

** My name and graduate students working under my advisement toward their PhD are listed in bold font.*