

John Asher Johnson

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Education

University of California, Berkeley

Ph.D. Astrophysics

May 2007

Thesis: *Planet Hunting In New Stellar Domains*

Advisor: Geoffrey W. Marcy

M.A. Astrophysics

December 2002

University of Missouri-Rolla

B.S. Physics

December 1999

Employment History

Assistant Professor of Astronomy and Astrophysics

2009-present

California Institute of Technology

NSF Astronomy and Astrophysics Postdoctoral Fellowship

2007-2009

University of Hawaii Institute for Astronomy

Research Scientist, LIGO Project

Jan 2000 – August 2000

California Institute of Technology

Research Interests

- The detection of planets around other stars (exoplanets) using high-precision Doppler measurements (I am the first author on papers announcing a total of 22 exoplanet discoveries.)
- Studying the relationships between the physical properties of stars and the occurrence of giant planets
- The characterization of exoplanet spin-orbit angles using in-transit Doppler measurements
- The characterization of transiting exoplanets using high-cadence photometry
- Doppler follow-up of transiting planet candidates in the NASA *Kepler* mission target field to measure planet masses and orbital characteristics
- Characterizing the stellar properties of M-type dwarf stars using broad-band photometry and high-resolution spectroscopy

Honors and Awards

Sagan Fellowship (2009, declined)

Princeton Henry Norris Russell Postdoctoral Fellowship (2007, declined)

UC Berkeley President's Postdoctoral Fellowship (2007, declined)

UC Berkeley Uhl Prize for Outstanding Scholarly Achievement (2007)

UC Berkeley Chancellor's Opportunity Fellowship (2000-2004)

UC Berkeley Outstanding Graduate Student Instructor Award (2002)

UC Berkeley Teaching Effectiveness Award (2002)

Minority Engineering Program Scholarship (UMR, 1998-1999)