

Jessica Roberts
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APS Department,
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Jessica Roberts

Curriculum Vitae

Education

2017 - , University of Colorado, Boulder

Ph.D. Candidate, Astrophysics

2014 - 2017, University of Colorado, Boulder

M.S., Astrophysics

2011 - 2014, San Jose State University

M.S., Physics

2004 - 2009, California Institute of Technology

B.S., Planetary Science

Experience

Research Assistant - University of Colorado, Boulder

January 2015 - Present

Research Assistant - NASA Ames Research Center

September 2011 - June 2014

Research Assistant - University of Idaho

September 2009 - May 2011

Teaching Experience

Teaching Assistant - University of Colorado, Boulder

August 2014 - May 2015

Lab Instructor - San Jose State University

August 2011 - May 2014

Outreach Activities

Mentoring - Present

Advising a high school student on an exoplanet research project

Fiske Planetarium Talks, University of Colorado

- April 2017 - *Trappist-1 System*
- October 2016 - *NASA Missions*
- March 2016 - *Asteroid Mining*

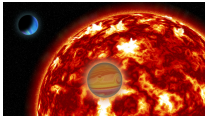
Sommers-Bausch Observatory, University of Colorado - Present

Open House Volunteer

Astronomy Day Coordinator, San Jose State University - October 2010

Talks and Posters

- *Poster*, JWST Workshop, Baltimore, MD, July 2017
- *Poster*, Exoplanet Summer School, Vietri Sul Mare, Italy, May 2017
- *Poster*, AAS, National Harbor, MD, Jan. 2014
- *Colloquium*, University of Idaho Physics Dept, Moscow, ID, Apr. 2011
- *Poster*, AAS, Seattle, WA, Jan. 2011
- *Poster*, AGU, San Francisco, CA, Dec. 2008



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Publications

- **Roberts, J. E.**, J. W. Barnes, J. F. Rowe, J. J. Fortney “MOST Space Telescope Photometry of the 2010 January Transit of Extrasolar Planet HD80606b”, 2013, The Astrophysical Journal, 762, 55
- Brown, M. E., **J. E. Roberts**, E. L. Schaller, “Clouds on Titan During the Cassini Prime Mission: A Complete Analysis of the VIMS Data”, 2010, Icarus 205, 571
- Brown, M. E., E. L. Schaller, H. G. Rowe, C. Chen, **J. Roberts**, R. H. Brown, K. H. Baines, R. N. Clark, “Discovery of Lake-Effect Clouds on Titan”, 2008, Geophysical Research Letters, 36, L01103