

Jason A. Dittmann

CONTACT	Center for Astrophysics Harvard University 60 Garden St. M/S 10 Cambridge, MA 02138	617-495-9501 (office) 520-820-0928 (cell) jdittmann@cfa.harvard.edu
RESEARCH INTERESTS	Exoplanets - detection, characterization, atmospheres Low mass stars - astrometry, atmospheres, kinematics Instrumentation - optical, infrared	
EDUCATION	Harvard University , Cambridge, MA PhD, Astronomy and Astrophysics, Expected May 2016 <ul style="list-style-type: none">• Advisor: David Charbonneau, PhD University of Arizona , Tucson, AZ BS, Astronomy and Physics (Double Major), May 2010 <ul style="list-style-type: none">• Advisor: Laird Close, PhD• <i>Graduated with Honors</i>	
RESEARCH EXPERIENCE	Research Assistant Center for Astrophysics, Harvard University Advisors: David Charbonneau Awarded Pierce Fellowship 2010 - 2013	September 2010 – Present
	Research Assistant Steward Observatory, University of Arizona Advisor: Laird Close, PhD	May 2009 – August 2010
	Lab Assistant Department of Physics, University of Arizona Advisor: Donald Huffman, PhD	May 2009 – August 2010
	NASA Space Grant Intern Steward Observatory, University of Arizona Advisor: Laird Close, PhD	August 2008 – May 2009
	Research Assistant Department of Mathematics, University of Arizona Advisor: Juan Restrepo, PhD	May 2008 – August 2008
AWARDS	Harvard University <ul style="list-style-type: none">• Certificate of Distinction in Teaching• Pierce Fellowship University of Arizona <ul style="list-style-type: none">• Best Project Award, Physics Undergraduate Research Symposium• Best Undergraduate Research (Steward Observatory)• Galileo Circle• Arizona Excellence Award	2012 2010 – 2013 2009 2009 – 2010 2007 – 2010 2006 – 2010

PRESENTATIONS	<ul style="list-style-type: none"> • Calibrated optical photometry and a photometric metallicity relation for the nearby cool stars from the MEarth Project <i>AAS #225 Seattle, WA</i> January 2015 • Trigonometric parallaxes and the inferred properties for 1507 mid-to-late M-dwarfs from the MEarth planet survey <i>Cool Stars 18 Flagstaff, AZ</i> June 2014 • Trigonometric parallaxes from the MEarth survey <i>Boston University</i> March 2013 • Recovery of SN 1970G with the Jansky Very Large Array <i>Fifty-one Ergs Raleigh, NC</i> May 2013
POSTERS	<ul style="list-style-type: none"> • Standardizing the solar neighborhood M dwarfs: 1% absolute optical photometry and a photometric metallicity relation with 0.1 dex precision <i>Young Stars and Planets Near the Sun Atlanta, GA</i> May 2015 • Trigonometric parallaxes of 1548 mid-to-late M-dwarfs from the MEarth survey <i>Protostars and Planets VI Heidelberg, Germany</i> July 2013 • Trigonometric parallax measurements from the MEarth survey <i>AAS #219 Austin, TX</i> January 2012 • The high pre-explosion mass loss rate of SN 2004C <i>Explosive Ideas About Massive Stars Stockholm, Sweden</i> August 2011 • On the frequency of additional planets in short period hot Jupiter systems from transit timing variations <i>Exploring Strange New Worlds Flagstaff, AZ</i> May 2011
SUMMER SCHOOLS AND WORKSHOPS	<ul style="list-style-type: none"> • Machine Learning Online Course <i>Stanford University</i> Fall 2011 • CASA Data Workshop <i>Socorro, NM</i> September 2011 • Astrobiology Summer School <i>Santander, Spain</i> June 2010
TEACHING EXPERIENCE	<ul style="list-style-type: none"> • Methods of Observational Astronomy Spring 2012 Instructor: Alicia Soderberg Astronomy Department, Harvard University • Galactic and Extragalactic Astronomy Fall 2011 Instructor: Christopher Stubbs Physics Department, Harvard University • Stellar and Planetary Astronomy Spring 2011 Instructor: Douglas Finkbeiner Astronomy Department, Harvard University
SKILLS	<p>Programming</p> <ul style="list-style-type: none"> • C, C++, Python, IDL, MATLAB, Maple, Mathematica <p>Astronomical Software</p> <ul style="list-style-type: none"> • IRAF, DS9, AIPS, CASA, CIAO, Sherpa