

Stephanie T. Douglas

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Education	Ph.D., Columbia University Department of Astronomy (expected) 2017
	M.A., M.Phil Columbia University Department of Astronomy 2014
	B.A., Franklin & Marshall College Department of Physics & Astronomy <i>summa cum laude</i> 2012
First-author Publications	<i>K2 Rotation Periods for low-mass Hyads and the Implications for Gyrochronology.</i> Douglas , Agüeros, Covey, Cargile, Barclay, Cody, Howell, Kopytova, <i>ApJ</i> , 822, 1
	<i>The Factory and the Beehive II: Activity and Rotation in Praesepe and the Hyades.</i> Douglas , Agüeros, Covey, Bowsher, Bochanski, Cargile, Kraus, Law, Lemonias, Arce, Fierroz, Kundert, 2014, <i>ApJ</i> , 795, 161
Co-authored Publications	<i>Demonstrating the Existence of Sub-micron size dust grains in the Atmospheres of Red L Dwarfs.</i> Hiranaka, Cruz, Marley, Douglas , & Balassare, 2016, <i>ApJ</i> , 830, 9
	<i>Linking Stellar Coronal Activity and Rotation at 500 Myr: A Deep Chandra Observation of M37.</i> Núñez, Agüeros, Covey, Hartman, Kraus, Bowsher, Douglas , López-Morales, Pooley, Posselt, Saar, West, 2015, <i>ApJ</i> , 809, 161
Grants and Fellowships	Sigma Xi Grant-in-aid of Research 2015
	NSF Graduate Research Fellowship, Honorable Mention 2013
Talks	<i>Open Clusters as Laboratories for Stellar Spin-down and Magnetic Activity Decay</i> Seminar, Massachusetts Institute for Technology 2016
	Seminar, Harvard-Smithsonian Center for Astrophysics 2016
	<i>Rotation & Activity in the Hyades (and Praesepe): Implications for Gyrochronology</i> Colloquium, Western Washington University 2016
	Lunch talk, University of Washington 2016

	<i>A Tale of Two Clusters: Activity and Rotation in Praesepe and the Hyades</i>	
	Seminar, Harvard-Smithsonian Center for Astrophysics	2015
	Seminar, NASA Ames Research Center	2015
Conference Presentations	<i>Testing the Rotation-Activity Relation with the Hyades and Praesepe</i>	2016
	Contributed Splinter Session Talk, Cool Stars 19, Jun 6-10	
	<i>K2 Rotation Periods for Low-Mass Hyads and the Implications for Gyrochronology</i>	2016
	Poster, Cool Stars 19, Jun 6-10	
	<i>An Inquiry-Based Lesson in Programming Practices</i>	2016
	Contributed talk, Python in Astronomy, Mar 21-25	
	<i>Rotation in Fully Convective Hyades Stars</i>	2015
	Contributed talk, K2 Science Conference, Nov 1-5	
	<i>Understanding Cloudy Atmospheres: Brown Dwarfs as Exoplanet Analogs</i>	2015
	Contributed Talk, Bay Area Exoplanet Science Meeting, Mar 20	
	<i>Rotation and Activity in Praesepe and the Hyades</i>	2015
	Poster, AAS 227, Jan 4-8	
	<i>Untangling Physical Parameters of Warm Brown Dwarfs</i>	2014
	Contributed talk, The Brown Dwarf–Exoplanet Connection, Oct 23-24	
	<i>Rotation and Activity in Praesepe and the Hyades</i>	2013
	Poster, IAUS 301: Magnetic Fields Throughout Stellar Evolution, Aug 25-30	
Research Experience	Graduate Student Research Assistant	2012-Present
	Columbia University, with Marcel Agüeros	
	Graduate Student Research Assistant	2013-2014
	American Museum of Natural History, with Kelle Cruz	
Teaching Experience	Stars, Galaxies, & Cosmology (lab)	Fall 2013, Spring 2014, Spring 2015
	Earth, Moon, & Planets (lab)	Fall 2014
	Earth, Moon, & Planets (TA)	Fall 2012
Outreach	<i>How to Reboot a Telescope (Kepler/K2)</i>	2015
	Astronomy on Tap, Nov 19	
	<i>Mind the Gap Between Stars and Planets</i>	2014
	Astronomy on Tap, Aug 14	

	<i>Flares, Fields, and Finding Life</i>	2014
	Columbia University Public Astronomy, May 23	
	<i>Made of Stardust</i>	2013
	Sunday Assembly NYC, Dec 1	
	Lecture facilitator and stargazing volunteer	2012-Present
	Columbia University Public Astronomy	
Professional Development	ISEE Professional Development Program	2015
	Institute for Scientist and Engineer Educators	
	Lead Teaching Fellow	2015/2016
	Center for Teaching and Learning, Columbia University	
Telescope Time Awarded	XMM-Newton (EPIC)	2014, 2015
	Co-I: 522 ks in Category B, 412 ks in Category C	
	Swift (XRT)	2015
	Co-I: 63 ks of fill-in time	
	Spitzer (IRAC)	2015
	Co-I: 33 hours in Priority 1	
	MMT (Hectospec)	2015
	Co-I: 1 night	
	Kepler K2	2014
	Co-I: 699 long-cadence targets awarded	
	MDM 2.4m (ModSpec)	2014-2016
	PI/Co-PI: 32 nights, Co-I: 7 nights	
	IRTF (SpeX)	2012
	Co-I: 1.5 nights	
Additional Observing Experience	IRTF (SpeX)	2015
	1 night	
	Magellan (FIRE, FourStar)	2014
	3 nights	
	MDM 2.4m (ModSpec)	2012
	5 nights	
	NURO/Lowell 31" (NASACam)	2010
	5 nights	

References

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