

# Stephanie T. Douglas

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| <b>Education</b>                 | Ph.D., Columbia University<br>Department of Astronomy  | (expected) 2017 |
|                                  | M.A., M.Phil Columbia University<br>Department of Astronomy  | 2014            |
|                                  | B.A., Franklin & Marshall College<br>Department of Physics & Astronomy<br><i>summa cum laude</i>   | 2012            |
| <b>First-author Publications</b> | <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             |                 |
| <b>Co-authored Publications</b>  | <i>Demonstrating the Existence of Sub-micron size dust grains in the Atmospheres of Red L Dwarfs.</i> Hiranaka, Cruz, Marley, Douglas, & Baldassare, <i>ApJ</i> accepted; arXiv:1606.09485   |                 |
|                                  | <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 |                 |
| <b>Grants and Fellowships</b>    | Sigma Xi Grant-in-aid of Research  | 2015            |
|                                  | NSF Graduate Research Fellowship, Honorable Mention  | 2013            |

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| <b>Talks</b>                        | <i>Rotation &amp; Activity in the Hyades (and Praesepe):<br/>Implications for Gyrochronology</i> |      |
|                                     | Colloquium, Western Washington University  | 2016 |
|                                     | Lunch talk, University of Washington   | 2016 |
|                                     | <i>A Tale of Two Clusters:<br/>Activity and Rotation in Praesepe and the Hyades</i>              |      |
|                                     | Lunch talk, Harvard-Smithsonian Center for Astrophysics  | 2015 |
|                                     | Seminar, NASA Ames Research Center   | 2015 |
| <b>Conference<br/>Presentations</b> | <i>Testing the Rotation-Activity Relation with the Hyades &amp; 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<br/>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:<br/>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                        |      |

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| <b>Research Experience</b>      | Graduate Student Research Assistant<br>Columbia University, with Marcel Agüeros            | 2012-Present                        |
|                                 | Graduate Student Research Assistant<br>American Museum of Natural History, with Kelle Cruz | 2013-2014                           |
| <b>Teaching Experience</b>      | Stars, Galaxies, & Cosmology (lab)   | Fall 2013, Spring 2014, Spring 2015 |
|                                 | Earth, Moon, & Planets (lab)   | Fall 2014                           |
|                                 | Earth, Moon, & Planets (TA)  | Fall 2012                           |
| <b>Outreach</b>                 | <i>How to Reboot a Telescope</i><br>Astronomy on Tap, Nov 19                               | 2015                                |
|                                 | <i>Mind the Gap</i><br>Astronomy on Tap, Aug 14  | 2014                                |
|                                 | <i>Flares, Fields, and Finding Life</i><br>Columbia University Public Astronomy, May 23    | 2014                                |
|                                 | <i>Made of Stardust</i><br>Sunday Assembly NYC, Dec 1                                      | 2013                                |
|                                 | Lecture facilitator and stargazing volunteer<br>Columbia University Public Astronomy       | 2012-Present                        |
|                                 |  |                                     |
| <b>Professional Development</b> | ISEE Professional Development Program<br>Institute for Scientist and Engineer Educators    | 2015                                |
|                                 | Lead Teaching Fellow<br>Center for Teaching and Learning, Columbia University              | 2015/2016                           |

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| <b>Telescope</b>                       | XMM-Newton (EPIC)                                | 2014, 2015 |
| <b>Time Awarded</b>                    | 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                                 |            |
| <b>Additional Observing Experience</b> | IRTF (SpeX)                                      | 2015       |
|  | 1 night  |            |
|  | Magellan (Baade; FIRE, FourStar)                 | 2014       |
|  | 3 nights   |            |
|  | MDM 2.4m (ModSpec)                               | 2012       |
|  | 5 nights   |            |
|  | NURO/Lowell 31" (NASACam)                        | 2010       |
|  | 5 nights   |            |

*Updated August 16, 2016*