

# SARAH JANE SCHMIDT

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<b>Employment</b>	KARL SCHWARZSCHILD POSTDOCTORAL FELLOW Leibniz-Institut für Astrophysik Potsdam (AIP)	2015–present
	COLUMBUS PRIZE POSTDOCTORAL FELLOW The Ohio State University	2012–2015
<b>Education</b>	UNIVERSITY OF WASHINGTON Ph.D. in Astronomy Master of Science in Astronomy	2012 2008
	BARNARD COLLEGE OF COLUMBIA UNIVERSITY Bachelor of Arts with honors in Physics and Astronomy	2006
<b>Research Interests</b>	Understanding magnetic activity on small stars and warm brown dwarfs Determining the ages and metallicities of cool stars Using kinematics to place M and L dwarfs in a Galactic context Measuring the luminosity and mass function at the stellar/substellar boundary	
<b>Honors &amp; Awards</b>	Washington NASA Space Grant Graduate Fellow, 2012 NSF Graduate Fellowship Honorable Mention, 2007 and 2008 Henry Borse Prize, 2006 New York NASA Space Grant Undergraduate Summer Research Program Award, 2004 and 2005	
<b>Selected Invited Talks</b>	“SURVEYING THE COOLEST STARS IN THE MILKY WAY” Southern Cross 2017: Surveying the Cosmos, The Science From Massively Multiplexed Surveys  “HOT CHROMOSPHERES AND FLARES ON COOL AND ULTRACOOOL DWARFS” University of Leicester Seminar, November 2016 Leibniz-Institut für Astrophysik Potsdam Colloquium, November 2015 University of Texas Astronomy Colloquium, September 2014 University of Oklahoma Physics and Astronomy Colloquium, September 2014 Case Western Reserve University Astronomy Colloquium, February 2014 University of Toledo Physics and Astronomy Colloquium, December 2013  “PROBING THE DYNAMIC CHROMOSPHERES OF ULTRACOOOL DWARFS OVER TIMESCALES OF A DECADE” SDSS-IV Collaboration Meeting Plenary, July 2015  “BOSS ULTRACOOOL DWARFS” SDSS-III Collaboration Meeting Plenary, June 2013	
<b>Major Teaching Experience</b>	INSTRUCTOR, UNIVERSITY OF WASHINGTON Instructor for introductory astronomy (2010,2011) and a self-designed course on the Solar Neighborhood.	Summer 2010–2012
	INSTRUCTOR, UNIVERSITY OF WASHINGTON Instructor for the Pre-Major in Astronomy Seminar, which involved first-year undergraduates in research projects.	Fall 2008

<b>Selected Students Supervised</b>	EKATERINA ILIN, UNIVERSITY OF POSTDAM GOLM MASTER’S STUDENT Using Kepler/K2 data to look for flares on stars in clusters.	2017–present
	AMBER MEDINA, NEW MEXICO STATE UNIVERSITY UNDERGRADUATE Identifying young M and L dwarfs in a large sample of SDSS ultracool dwarfs. <i>Currently:</i> Astronomy Graduate Student at Harvard University	2014–2015
	ERIKA WAGONER, OHIO STATE UNIVERSITY UNDERGRADUATE Analyzing APOGEE data of late-K and early-M dwarfs in comparison to model grids. <i>Currently:</i> Physics Graduate Student at University of Arizona	2013–2014
	HEATHER GUNNING, UNIVERSITY OF WASHINGTON UNDERGRADUATE Analysis of spectroscopic observations of M dwarf binaries. First author of Gunning et al. (2014). <i>Currently:</i> Research and Instrumental Analyst at Space Telescope Science Institute	2011–2014
<b>Selected Service, Outreach &amp; Diversity</b>	CO-CHAIR, COMMITTEE ON INCLUSION IN SDSS (COINS) Charged with assessing the SDSS collaboration and recommending practices for inclusiveness.	2016-present
	CO-SPOKESPERSON, AIP INTERNAL SCIENTIFIC COMMITTEE	2016–present
	MEMBER, NOAO TAC GALACTIC PANEL	2015–present
	EQUITY AND INCLUSION LUNCH Co-organizer of monthly AIP lunch talks designed to foster discussion about equity and inclusion.	2015–present
	OSU ASTRONOMY DIVERSITY JOURNAL CLUB Instigated and facilitated a monthly journal club to present and discuss diversity issues.	2012–2015
	ORGANIZER AND CHAIR OF SPECIAL SESSION AT AAS 225 “Celebrating 10 Years of Diversity With Pre-MAP”	2015
	SPEAKER AT COLUMBUS ASTRONOMY ON TAP	2013, 2015
	NASA K2 GUEST OBSERVER REVIEW PANEL	2014
	COOL STARS 16 LOCAL ORGANIZING COMMITTEE	2010
	PRE-MAJOR IN ASTRONOMY PROGRAM (PRE-MAP) STAFF Primary activities included teaching the seminar, developing an evaluation plan, and working as an academic mentor.	2006–2012
<b>Selected Telescope Time Awarded</b>	LBT TWIN 8-M (LUCI, MODS) PI: 20 hours	2012–2015
	HST (COS) Co-I: 8 orbits	2013
	SDSS 2.5-M (BOSS) PI: 10,000 fibers; Co-I: 200 fibers	2010-2014
	ARC 3.5-M (TRIPLESPEC, DIS) PI: ~75 half-nights; Co-I: ~20 half-nights	2007–2012
<b>Publications</b>	Total: 34 refereed with 5727 citations (Link to ADS Library) Excluding SDSS data release: 27 refereed with 975 citations First author: 10 refereed with 391 citations	