

# 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>Invited Talks</b>	“PROBING THE DYNAMIC CHROMOSPHERES OF ULTRACOOOL DWARFS OVER TIMESCALES OF A DECADE” SDSS-IV Collaboration Meeting Plenary, July 2015  “HOT CHROMOSPHERES AND FLARES ON COOL AND ULTRACOOOL DWARFS” University of Texas Astronomy Colloquium, September 2014 University of Oklahoma Physics and Astronomy Colloquium, September 2014  “HOT CHROMOSPHERES ON COOL AND ULTRACOOOL DWARFS” Case Western Reserve University Astronomy Colloquium, February 2014 University of Toledo Physics and Astronomy Colloquium, December 2013  “BOSS ULTRACOOOL DWARFS” SDSS-III Collaboration Meeting Plenary, June 2013	
<b>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>Students Supervised</b>	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
	COLLIN KIELTY, UNIVERSITY OF WASHINGTON UNDERGRADUATE Worked on the calculation of spectroscopic templates based on SDSS spectra of L dwarfs. Co-author of Schmidt et al. (2014). <i>Currently:</i> Astronomy Graduate Student at University of Victoria	2012
	HEATHER GUNNING, UNIVERSITY OF WASHINGTON UNDERGRADUATE Worked on observations, data reduction, and analysis of spectroscopic observations of a sample of wide 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 climate and demographics and both recommending and implementing policies or practices for inclusiveness.	2016–present
	CO-SPOKESPERSON, AIP INTERNAL SCIENTIFIC COMMITTEE	2016–present
	MEMBER, NOAO TAC GALACTIC PANEL	2015–present
	EQUITY AND INCLUSION JOURNAL CLUB Co-organizer of monthly AIP lunch talks designed to foster discussion about equity and inclusion.	2015–present
	DIVERSITY JOURNAL CLUB Instigated and facilitated a monthly journal club in the OSU astronomy department 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 Presented public talks to an adult audience at a local bar.	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