

SARAH JANE SCHMIDT

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Employment	KARL SCHWARZSCHILD PRIZE POSTDOCTORAL FELLOW Leibniz-Institut für Astrophysik Potsdam (AIP)	2015–present
	COLUMBUS PRIZE POSTDOCTORAL FELLOW The Ohio State University	2012–2015
Education	UNIVERSITY OF WASHINGTON Ph.D. in Astronomy Thesis Title: “Activity and Kinematics of Cool and Ultracool Dwarfs” Thesis Advisor: Suzanne Hawley	2012
	UNIVERSITY OF WASHINGTON Master of Science in Astronomy	2008
	BARNARD COLLEGE OF COLUMBIA UNIVERSITY Bachelor of Arts with honors in Physics and Astronomy	2006
Main Research Questions	How does the frequency of stellar flares depend on mass and age? Are the magnetic fields of brown dwarfs fundamentally different than those of stars? How do magnetic fields effectively heat ultracool stellar atmospheres? What is the potential to use next-generation surveys to understand cool star activity?	
Honors & Awards	SDSS Early Career Astronomer Travel Award	2015
	Washington NASA Space Grant Graduate Fellow	2012
	NSF Graduate Fellowship Honorable Mention, Henry Borse Prize in Physics	2007, 2008 2006
	New York NASA Space Grant Undergraduate Fellow	2004, 2005
Selected Students Supervised	Ekaterina Ilin, Masters and PhD (co-supervisor), University of Potsdam	2017–present
	Rocio Kiman, PhD (co-supervisor), City University of New York	2017–present
	Victoria DiTomasso, Post-bac Fulbright Fellowship, AIP	2018–2019
	Aurora Cid, Undergraduate, College of Staten Island	2016–2018
	Amber Medina, Undergraduate, New Mexico State University	2014–2015
	Erika Wagoner, Undergraduate, Ohio State University	2013–2014
	Heather Gunning, Undergraduate, University of Washington	2011–2014
PI Funding & Telescope Time Awarded	KARL-SCHWARZSCHILD FELLOWSHIP Leibniz-Institute for Astrophysics - Potsdam, total (incl. salary) 300,000 euro (~\$340,000)	2015–2020
	SDSS EARLY CAREER ASTRONOMER TRAVEL AWARD Travel to SDSS-IV meeting, total \$1200	2015
	LBT TWIN 8-M (LUCI, MODS), 20 HOURS	2012–2015
	COLUMBUS PRIZE FELLOWSHIP The Ohio State University, total (incl. salary) \$180,000	2012–2015

	SDSS 2.5-M (BOSS), 10,000 FIBERS	2010-2014
	ARC 3.5-M (TRIPLESPEC, DIS), 75 HALF-NIGHTS	2007-2012
	THEODOR JACOBSEN TRAVEL FUND Several travel awards, total \$6000	2006-2010
Selected Invited Talks	CfA Stars and Planets Seminar	2019
	University of Sheffield Seminar	2018
	Hamburg Observatory Seminar	2017
	Habitable Worlds splinter session on the M dwarf Opportunity	2017
	Plenary overview talk, SDSS-IV Collaboration Meeting	2017
	Plenary, Surveying the Cosmos in Sydney	2017
	Cool Stars 19 splinter session on Flares in Time-Domain Surveys	2016
	University of Leicester Seminar	2016
	Plenary, SDSS-IV Collaboration Meeting	2015
	Splinter on Bridge Programs at Inclusive Astronomy in Nashville	2015
	University of Texas Astronomy Colloquium	2014
	University of Oklahoma Physics and Astronomy Colloquium	2014
	Case Western Reserve University Astronomy Colloquium	2014
	Plenary, SDSS-III Collaboration Meeting	2013
	University of Toledo Physics and Astronomy Colloquium	2013
Class Teaching Experience	ASTR 190: THE SOLAR NEIGHBORHOOD	Summer 2012
	Introductory topical course that I designed based on the solar neighborhood.	
	ASTR 101: INTRODUCTION TO ASTRONOMY	Summer 2010, 2011
	Standard introduction to astronomy for non-majors.	
	ASTR 192: PRE-MAJOR IN ASTRONOMY SEMINAR	Fall 2008
	Seminar to involve traditionally under-represented undergraduates in astronomy research.	
Selected Service	AIP EQUITY & INCLUSION LUNCHES	2015-present
	Co-organizer and presenter in monthly lunch meetings at AIP on topics of equity and inclusion.	
	CO-SPOKESPERSON, AIP INTERNAL SCIENTIFIC COMMITTEE	2016-2018
	CO-CHAIR, COMMITTEE ON INCLUSION IN SDSS (COINS)	2016-2018
	Charged with assessing the SDSS climate and demographics and both recommending and implementing policies or practices for inclusiveness.	
	MEMBER, NOAO TAC GALACTIC PANEL	2015-2017
	OSU ASTRONOMY DIVERSITY JOURNAL CLUB	2012-2015
	Instigated and facilitated a journal club to present and discuss diversity & inclusion issues.	
	OSU QUEUE OBSERVER AT THE LARGE BINOCULAR TELESCOPE	2014-2015
	Eighteen nights queue observing using facility instruments	
	UW PRE-MAJOR IN ASTRONOMY PROGRAM (PRE-MAP) STAFF	2006-2012
	Recruited students, assisted in writing NSF CCLI and ASP SEED grants, developed and implemented an evaluation plan, and worked as an academic mentor.	
Publications Summary	Compiled October 2019 (see ADS Library): 44 total refereed with 7601 citations including: 12 first author with 499 citations 25 nth-author science-focused with 855 citations 7 SDSS data release papers with 6247 citations	