

SARAH JANE SCHMIDT

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Employment	KARL SCHWARZSCHILD 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
Research Interests	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	
Teaching Experience	INSTRUCTOR, UNIVERSITY OF WASHINGTON Instructor for an introductory topical course that I designed based on the solar neighborhood.	Summer 2012
	INSTRUCTOR, UNIVERSITY OF WASHINGTON Instructor for introduction to astronomy.	Summer 2010, 2011
	INSTRUCTOR, UNIVERSITY OF WASHINGTON Instructor for the Pre-Major in Astronomy Seminar, which involved first-year undergraduates in research projects.	Fall 2008
	TEACHING ASSISTANT, UNIVERSITY OF WASHINGTON Taught the basics of UW’s 0.6-m telescope to advanced undergraduates.	Summer 2008–2012
	TEACHING ASSISTANT, UNIVERSITY OF WASHINGTON Teaching assistant for introductory astronomy classes.	2006–2007
Honors & Awards	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	

Invited Talks	“FINDING THE LARGEST FLARES ON ULTRACOOOL DWARFS WITH ASAS-SN” Cool Stars 19 Splinter Session on Flares in Time-Domain Surveys, June 2016	
	“PROBING THE DYNAMIC CHROMOSPHERES OF ULTRACOOOL DWARFS OVER TIMESCALES OF A DECADE” SDSS-IV Collaboration Meeting Plenary, July 2015	
	“THE PRE-MAJOR IN ASTRONOMY PROGRAM AT THE UNIVERSITY OF WASHINGTON” Inclusive Astronomy, June 2015	
	“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	
	“HOT CHROMOSPHERES ON COOL AND ULTRACOOOL DWARFS” Case Western Reserve University Astronomy Colloquium, February 2014 University of Toledo Physics and Astronomy Colloquium, December 2013	
Students Supervised	“BOSS ULTRACOOOL DWARFS” SDSS-III Collaboration Meeting Plenary, June 2013	
	AURORA CID, COLLEGE OF STATEN ISLAND UNDERGRADUATE	2016–present
	Examining multi-epoch SDSS spectra of ultracool dwarfs to look for long timescale (5–15 year) variations in H α emission.	
	JOHN-PAUL VENTURA, HUNTER COLLEGE UNDERGRADUATE	2016–present
	Examining SDSS spectra of M dwarfs found to be variable in the Pan-STARRS database.	
	AMBER MEDINA, NEW MEXICO STATE UNIVERSITY UNDERGRADUATE	2014–2015
	Identified young M and L dwarfs in a large sample of SDSS ultracool dwarf spectra. <i>Currently:</i> Astronomy Graduate Student at Harvard University	
	ERIKA WAGONER, OHIO STATE UNIVERSITY UNDERGRADUATE	2013–2014
Service	Analyzed APOGEE ASPCAP properties of late-K and early-M dwarfs in comparison to model isochrones. Second author of Schmidt et al. (2016, MNRAS 460 2611). <i>Currently:</i> Physics Graduate Student at University of Arizona	
	COLLIN KIELTY, UNIVERSITY OF WASHINGTON UNDERGRADUATE	2012
	Worked on the calculation of spectroscopic templates based on the SDSS spectra of L dwarfs. Co-author of Schmidt et al. (2014, PASP 126 642). <i>Currently:</i> Astronomy Graduate Student at University of Victoria	
	HEATHER GUNNING, UNIVERSITY OF WASHINGTON UNDERGRADUATE	2011–2014
	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, PASP 126 1081). <i>Currently:</i> Research and Instrumental Analyst at Space Telescope Science Institute	
	Co-SPOKESPERSON, AIP INTERNAL SCIENTIFIC COMMITTEE	2016–present
	MEMBER, NOAO TAC GALACTIC PANEL	2015–present
	REFeree	2014–present
	Astronomical Journal, Astrophysical Journal, Astronomy & Astrophysics	

	MEMBER, NASA K2 GUEST OBSERVER REVIEW PANEL	2014
	GRADUATE REPRESENTATIVE ON ADMISSIONS COMMITTEE	2010–2011
	Facilitated graduate student contact with prospective students and co-organized prospective visiting weekend.	
	COOL STARS 16 LOCAL ORGANIZING COMMITTEE	2010
	Assisted with planning many aspects of the conference including excursions, facilities, poster arrangement and poster abstract sorting.	
	CO-ORGANIZER OF UNDERGRADUATE MENTORING WORKSHOP	2008
	Facilitated an afternoon workshop for the Astronomy department including presentations from the campus Undergraduate Research Program staff	
Equity & Inclusion	CO-CHAIR, COMMITTEE ON INCLUSION IN SDSS (COINS)	2016–present
	Charged with assessing the SDSS climate and demographics and both recommending and implementing policies or practices for inclusiveness.	
	SDSS FAST COLLABORATOR	2016–present
	Working with two teams as part of the SDSS Faculty and Student Teams (FAST) initiative that involves researchers and students at Minority Serving Institutions in the SDSS collaboration.	
	AIP EQUITY & INCLUSION LUNCHES	2015–present
	Co-organizer and presenter in monthly lunch meetings at AIP on topics of equity and inclusion.	
	DIVERSITY JOURNAL CLUB	2012–2015
	Instigated and facilitated a monthly journal club in the OSU astronomy department to present and discuss diversity & inclusion issues.	
	ORGANIZER AND CHAIR OF AAS SPECIAL SESSION	2015
	Led the committee that put together the session on “Celebrating 10 Years of Diversity With Pre-MAP” at the 225th AAS.	
	PRE-MAJOR IN ASTRONOMY PROGRAM (PRE-MAP) STAFF	2006–2012
	<ul style="list-style-type: none"> • Planned and led the seminar component of the program • Recruited students at campus events and in classrooms • Assisted in writing NSF CCLI and ASP SEED grants • Developed an evaluation plan and conducted student interviews • Planned field trips for 10 students to Vancouver (UBC and TRIUMF) and Portland (OMSI) • Worked as academic mentor to a cohort of students 	
Outreach	PROLIFIC TWEETER AT ASTRONOMY MEETINGS	2014–present
	Shared recent results through social media at the Cool Stars Workshops (#CS15 and #CS16), AAS (#AAS223 through #AAS229), and SDSS collaboration meetings (#SDSS16).	
	TWEEP OF THE WEEK	2015–2016
	Spent one week on the popular AstroTweeps twitter account and one week on the SDSS surveys account engaging the public about my research.	
	SPEAKER AT COLUMBUS ASTRONOMY ON TAP	2013, 2015
	Presented public talks to an adult audience at a local bar.	
	OSU ASTRONOMY COFFEE BRIEFS	2013, 2015
	Created two short videos explaining the results of my publications; a large flare on a small	

star (<http://y2u.be/uue8G0NnjJU>) and magnetic activity on a large sample of ultracool dwarfs (<http://y2u.be/wwX5WkuJCU4>).

VOLUNTEER AT 4-H ASTRONOMY DAY CAMP 2013
Led activities with a group of 8-12 year old kids.

RESOURCE FOR PACIFIC SCIENCE CENTER EDUCATORS 2011
Staffed a question and answer session and provide ongoing support for educators who teach astronomy at the Seattle Pacific Science Center.

SPEAKER IN ENGAGE SCIENCE SEMINAR SERIES 2010
Public talk describing current research on low mass stars and brown dwarfs.

Telescope Time Awarded	SALT 11-M 2017 Co-I: 15 hours in Priority 2 and 3
	KEPLER K2 2015–2016 Co-I: Over 100 targets in Campaigns 4–13
	MCDONALD 2.7-M (IGRINS) 2015 Co-I: 1 night
	IRTF 3.0-M (SPEX) 2013–2014 PI: 2.5 nights; Co-I: 3 nights
	LBT TWIN 8-M (LUCI, MODS) 2012–2015 PI: 20 hours
	HST (COS) 2013 Co-I: 8 orbits
	MDM 1.3-M (OPTICAL SPECTROGRAPH AND IMAGER) 2013 PI: 14 nights
	SDSS 2.5-M (BOSS) 2010-2014 PI: 10,000 fibers; Co-I: 200 fibers
	ARC 3.5-M (TRIPLESPEC, DIS) 2007–2012 PI: ~75 half-nights; Co-I: ~20 half-nights
	KPNO 2.1-M (SQUIID) 2010–2011 Co-I: 14 nights
Additional Observing Experience	DAO 1.8-M (OPTICAL SPECTROGRAPH) 2009 PI: 4 nights; Co-I: 3 nights
	LBT TWIN 8-M 2012–2015 Eighteen nights queue observing using LUCI (IR spectrograph and imager), MODS (optical spectrograph), and LBC (optical imager).
	ARC 0.5-M 2009–2012 Fourteen nights of optical imaging using Flare-cam.
	MRO 0.8-M 2007–2012 Supervisor for small groups of undergraduates using optical imaging; 20 nights.
	CTIO 4-M 2006 Two nights on the optical spectrograph.

PUBLICATIONS

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|---------------------|-----|--|
| First | A10 | ASASSN-16AE: A POWERFUL WHITE-LIGHT FLARE ON AN EARLY-L DWARF |
| Author | | Schmidt, Sarah J.; Shappee, Benjamin J.; Gagné, Jonathan, Stanek, K. Z.; Prieto, José |
| Refereed | | L.; Holoién, Thomas W.-S.; Kochanek, C. S.; Chomiuk, Laura; Dong, Subo; Seibert, Mark; |
| Publications | | Strader, Jay, 2016, ApJL 828 22 |
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| | A9 | EXAMINING THE RELATIONSHIPS BETWEEN COLOUR, T_{eff} , AND $[M/H]$ FOR APOGEE K AND M DWARFS |
| | | Schmidt, Sarah J.; Wagoner, Erika L.; Johnson, Jennifer A.; Davenport, James R. A.; Stassun, Keivan; Souto, Diogo; Ge, Jian, 2016, MNRAS 460 2611 |
| | A8 | BOSS ULTRACOOOL DWARFS I: COLORS AND MAGNETIC ACTIVITY OF M AND L DWARFS |
| | | Schmidt, Sarah J.; Hawley, Suzanne L.; West, Andrew A.; Bochanski, John J.; Davenport, James R. A.; Ge, Jian; Schneider, Donald P.; 2015, AJ 149 158 |
| | A7 | CALIBRATING ULTRACOOOL DWARFS: OPTICAL TEMPLATE SPECTRA, BOLOMETRIC CORRECTIONS, AND χ VALUES |
| | | Schmidt, Sarah J.; West, Andrew A.; Bochanski, John J.; Hawley, Suzanne L.; Kielty, Collin; 2014, PASP 126 642 |
| | A6 | CHARACTERIZING A DRAMATIC $\Delta V \sim 9$ MAGNITUDE FLARE ON AN ULTRACOOOL DWARF FOUND IN THE ASAS-SN SURVEY |
| | | Schmidt, Sarah J.; Prieto, Jose L.; Stanek, K. Z.; Shappee, Benjamin J.; et al., 2014, ApJ 781 24L |
| | A5 | PROBING THE FLARE ATMOSPHERES OF M DWARFS USING INFRARED EMISSION LINES |
| | | Schmidt, Sarah J.; Kowalski, Adam F.; Hawley, Suzanne L.; Hilton, Eric J.; Wisniewski, John P.; Tofflemire, Benjamin M., 2012, ApJ 745 14 |
| | A4 | COLORS AND KINEMATICS OF L DWARFS FROM THE SLOAN DIGITAL SKY SURVEY |
| | | Schmidt, Sarah J.; West, Andrew A.; Hawley, Suzanne L.; Pineda, J. Sebastian, 2010, AJ 139 1808 |
| | A3 | DISCOVERY OF AN UNUSUALLY BLUE L DWARF WITHIN 10 PC OF THE SUN |
| | | Schmidt, Sarah J.; West, Andrew A.; Burgasser, Adam J.; Bochanski, John J.; Hawley, Suzanne L., 2010, AJ 139 1045 |
| | A2 | COOL STAR OXYGEN ABUNDANCES FROM SPECTRAL SYNTHESIS OF TiO BANDS |
| | | Schmidt, Sarah J.; Wallerstein, George; Woolf, Vincent M.; Bean, Jacob L., 2009, PASP 121 884 |
| | A1 | ACTIVITY AND KINEMATICS OF ULTRACOOOL DWARFS, INCLUDING AN AMAZING FLARE OBSERVATION |
| | | Schmidt, Sarah J.; Cruz, Kelle L.; Bongiorno, Bethany J.; Liebert, James; Reid, I. Neill, 2007, AJ 133 2258 |
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- | | | |
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| Additional | B21 | K2 ULTRACOOOL DWARFS SURVEY II: THE WHITE LIGHT FLARE RATE OF YOUNG BROWN DWARFS |
| Refereed | | Gizis, John E.; Paudel, Rishi R.; Mullan, Dermott; Schmidt, Sarah J. ; Burgasser, Adam J.; Williams, Peter K. G., 2017 AAS journals submitted (ArXiv 1703.08745) |
| Publications | | |
| | B20 | K2 ULTRACOOOL DWARFS SURVEY I: PHOTOMETRY OF AN L DWARF SUPERFLARE |
| | | Gizis, John E.; Paudel, Rishi R.; Schmidt, Sarah J. ; Williams, Peter K. G.; Burgasser, Adam J., 2016 ApJ in Press (ArXiv 1611.07080) |
| | B19 | THE LATE-TYPE EXTENSION TO MOVERS (LATE-MOVERS): PROPER MOTION VERIFIED LOW-MASS STARS AND BROWN DWARFS FROM SDSS, 2MASS, AND WISE |
| | | Theissen, Christopher A.; West, Andrew A.; Shippe, Guillaume; Burgasser, Adam J.; Schmidt, Sarah J. , 2017, AJ 153 92 |

- B18 THE TIME-DOMAIN SPECTROSCOPIC SURVEY: UNDERSTANDING THE OPTICALLY VARIABLE SKY WITH SEQUELS IN SDSS-III
Ruan, John J.; Anderson, Scott F.; Green, Paul J.; Morganson, Eric; Eracleous, Michael; Myers, Adam D.; Badenes, Carles; Bershad, Matthew A.; Brandt, William N.; Chambers, Kenneth C.; Davenport, James R. A.; Dawson, Kyle S.; Flewelling, Heather; Heckman, Timothy M.; Isler, Jedidah C.; Kaiser, Nick; Kneib, Jean-Paul; MacLeod, Chelsea L.; Paris, Isabelle; Ross, Nicholas P. Runnoe, Jessie C.; Schlafly, Edward F.; **Schmidt, Sarah J.**; Schneider, Donald P.; Schwöpe, Axel D.; Shen, Yue; Stassun, Keivan G.; Szkody, Paula; Waters, Christopher Z.; York, Donald G., 2016, ApJ 825 137
- B17 THE BROWN DWARF KINEMATICS PROJECT (BDKP). IV. RADIAL VELOCITIES OF 85 LATE-M AND L DWARFS WITH MAGE
Burgasser, Adam J.; Logsdon, Sarah E.; Gagne, Jonathan; Bochanski, John J.; Faherty, Jacqueline K.; West, Andrew A.; Mamajek, Eric E.; **Schmidt, Sarah J.**; Cruz, Kelle L., 2015 ApJS 220 18
- B16 THE ELEVENTH AND TWELFTH DATA RELEASES OF THE SLOAN DIGITAL SKY SURVEY: FINAL DATA FROM SDSS-III
Alam, Shadab and 302 co-authors including **Schmidt, Sarah J.**, 2015, ApJS 219 12
- B15 THE CONTINUED OPTICAL TO MID-IR EVOLUTION OF V838 MONOCEROTIS
Loebmen, Sarah R.; Wisniewski, John P.; **Schmidt, Sarah J.**; Kowalski, Adam F.; Barry, Richard K.; Bjorkman, Karen S.; Hammel, Heidi B.; Hawley, Suzanne L.; Kasliwal, Mansi M.; Lynch, David K.; Russel, Ray W.; Sitko, Michael L.; Szkody, Paula, 2015, AJ 149 17
- B14 $H\alpha$ EMISSION FROM ACTIVE EQUAL-MASS, WIDE M DWARF BINARIES
Gunning, Heather C.; **Schmidt, Sarah J.**; Davenport, James R. A.; Dhital, Saurav; West, Andrew A.; Hawley, Suzanne L., 2014, PASP 126 1081
- B13 SPEX SPECTROSCOPY OF UNRESOLVED VERY LOW MASS BINARIES. II. IDENTIFICATION OF FOURTEEN CANDIDATE BINARIES WITH LATE-M/EARLY-L AND T DWARF COMPONENTS
Bardalez Gagliuffi, Daniella C.; Burgasser, Adam J.; Gelino, Christopher R.; Looper, Dagny L.; Nicholls, Christine P.; **Schmidt, Sarah J.**; Cruz, Kelle; West, Andrew A.; Gizis, John E.; Metchev, Stanimir, 2014, ApJ 709 143
- B12 SPATIALLY RESOLVED MEASUREMENTS OF H_2O , HCl , CO , OCS , SO_2 , CLOUD OPACITY, AND ACID CONCENTRATION IN THE VENUS NEAR-INFRARED SPECTRAL WINDOWS
Arney, Giada; Meadows, Victoria; Crisp, David; **Schmidt, Sarah J.**; Bailey, Jeremy; Robinson, Tyler, 2014, J. Geophys. Res. Planets, 119, 1860–1891
- B11 THE TENTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST SPECTROSCOPIC DATA FROM THE SDSS-III APACHE POINT OBSERVATORY GALACTIC EVOLUTION EXPERIMENT
Ahn, Christopher P. and 231 co-authors including **Schmidt, Sarah J.**, 2014, ApJS 211 17
- B10 TIME-RESOLVED PROPERTIES AND GLOBAL TRENDS IN dME FLARES FROM SIMULTANEOUS PHOTOMETRY AND SPECTRA
Kowalski, Adam F.; Hawley, Suzanne L.; Wisniewski, John P.; Osten, Rachel A.; Hilton, Eric J.; Holtzman, Jon A.; **Schmidt, Sarah J.**; Davenport, James R. A., 2013 ApJS 207, 15
- B9 THE BARYON OSCILLATION SPECTROSCOPIC SURVEY OF SDSS-III
Dawson, Kyle S. and 164 co-authors including **Schmidt, Sarah J.**, 2013 AJ 145 10
- B8 THE NINTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST SPECTROSCOPIC DATA FROM THE SDSS-III BARYON OSCILLATION SPECTROSCOPIC SURVEY
Ahn, Christopher P. and 235 co-authors including **Schmidt, Sarah J.**, 2012 ApJS 203 21
- B7 MULTI-WAVELENGTH CHARACTERIZATION OF STELLAR FLARES ON LOW-MASS STARS USING SDSS AND 2MASS TIME DOMAIN SURVEYS
Davenport, James R. A.; Becker, Andrew C.; Kowalski, Adam F.; Hawley, Suzanne L.; **Schmidt, Sarah J.**; Hilton, Eric J.; Sesar, Branimir; Cutri, Roc, 2012, ApJ 748 58

- B6 THE IMPLICATIONS OF M DWARF FLARES ON THE DETECTION AND CHARACTERIZATION OF EXOPLANETS AT INFRARED WAVELENGTHS
Tofflemire, Benjamin M.; Wisniewski, John P.; Kowalski, Adam F., **Schmidt, Sarah J.**; Kundurthy, Praveen; Hilton, Eric J.; Holtzman, Jon A.; Hawley, Suzanne L., 2012, AJ 143, 12
- B5 SDSS-III: MASSIVE SPECTROSCOPIC SURVEYS OF THE DISTANT UNIVERSE, THE MILKY WAY GALAXY, AND EXTRA-SOLAR PLANETARY SYSTEMS
Eisenstein, Daniel J.; and 239 coauthors including **Schmidt, Sarah J.**, 2011, AJ 142 72
- B4 THE EIGHTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST DATA FROM SDSS-III
Aihara, Horoaki.; and 189 coauthors including **Schmidt, Sarah J.**, 2011, ApJS 193 29
- B3 A POPULATION OF X-RAY WEAK QUASARS: PHL 1811 ANALOGS AT HIGH REDSHIFT
Wu, Jianfeng; Brandt, W. N.; Hall, Patrick B.; Gibson, Robert R.; Richards, Gordon T.; Schneider, Donald P.; Shemmer, Ohad; Just, Dennis W.; **Schmidt, Sarah J.**, 2011, ApJ 736 28
- B2 THE SLOAN DIGITAL SKY SURVEY DATA RELEASE 7 SPECTROSCOPIC M DWARF CATALOG. I. DATA
West, Andrew A.; Morgan, Dylan P.; Bochanski, John J.; Andersen, Jan Marie; Bell, Keaton J.; Kowalski, Adam F.; Davenport, James R. A.; Hawley, Suzanne L.; **Schmidt, Sarah J.**; Bernat, David; Hilton, Eric J.; Muirhead, Philip; Covey, Kevin R.; Rojas-Ayala, Bárbara; Schlawin, Everett; Gooding, Mary; Schluns, Kyle; Dhital, Saurav; Pineda, J. Sebastian; Jones, David O., 2011, AJ 141 97
- B1 MEETING THE COOL NEIGHBORS. IX. THE LUMINOSITY FUNCTION OF M7-L8 ULTRACOOL DWARFS IN THE FIELD
Cruz, Kelle L.; Reid, I. Neill; Kirkpatrick, J. Davy; Burgasser, Adam J.; Liebert, James; Solomon, Adam R.; **Schmidt, Sarah J.**; Allen, Peter R.; Hawley, Suzanne L.; Covey, Kevin R., 2007, AJ 133 439
- White Papers & Conference Proceedings**
- C7 EXAMINING THE AGE/ACTIVITY RELATIONSHIP OF ULTRACOOL DWARFS WITH GAIA
Schmidt, Sarah J., 2014, GAIA and the Unseen—The Brown Dwarf Question, eds. Ricky Smart, David Barrado, Jackie Faherty; ArXiv 1405.6206
- C6 EVALUATION OF A COLLEGE FRESHMAN DIVERSITY RESEARCH PROGRAM
Garner, Sarah; Tremmel, Michael J.; **Schmidt, Sarah J.**; Wisniewski, John P.; Agol, Eric; ArXiv 1311.5486
- C5 MAPPING THE MILKY WAY’S ULTRACOOL DWARFS, SUBDWARFS, AND WHITE DWARFS
Dhital et al. 2011, Science White Paper for LSST Deep-Drilling Field Observations
- C4 LSST SCIENCE BOOK, VERSION 2.0
LSST Science Collaboration, 2009; ArXiv 0912.0201
- C3 INCREASING THE NUMBER OF UNDERREPRESENTED MINORITIES IN ASTRONOMY: EXECUTIVE SUMMARY
Norman, D. et al. 2009; Astro2010: The Astronomy and Astrophysics Decadal Survey, Position Papers, no. 38
- C2 INCREASING THE NUMBER OF UNDERREPRESENTED MINORITIES IN ASTRONOMY AT THE UNDERGRADUATE, GRADUATE, AND POSTDOCTORAL LEVELS (PAPER I)
Norman, D. et al. 2009; Astro2010: The Astronomy and Astrophysics Decadal Survey, Position Papers, no. 39
- C1 INCREASING THE NUMBER OF UNDERREPRESENTED MINORITIES IN ASTRONOMY THROUGH K-12 EDUCATION AND PUBLIC OUTREACH (PAPER II)
Norman, D. et al. 2009; Astro2010: The Astronomy and Astrophysics Decadal Survey, Position Papers, no. 40

- Contributed Talks**
- D5 EXAMINING THE AGES OF M7-L8 DWARFS WITH THE BOSS ULTRACOOOL DWARF SAMPLE
Schmidt, Sarah J.; Hawley, Suzanne L.; West, Andrew A.; Bochanski, John J., 2016, AAS 227 #121.03
 - D4 CHROMOSPHERIC ACTIVITY ON L DWARFS
Schmidt, Sarah J., Splinter Session: Magnetic Fields, Dynamos and Aurorae: From Brown Dwarfs to Exoplanets, 2014, Cool Stars 18
 - D3 ASASSN-13BC: A DRAMATIC FLARE ON AN ULTRACOOOL DWARF
Schmidt, Sarah J.; Prieto, Jose L.; Stanek, K. Z.; Shappee, Benjamin J., 2014, AAS 223 #315.04
 - D2 KINEMATICS, COLORS, AND AGES OF ULTRACOOOL DWARFS
Schmidt, Sarah J.; Hawley, Suzanne L., 2012, AAS 219 #330.06D
 - D1 KINEMATICS OF L DWARFS
Schmidt, Sarah J.; West, Andrew A.; Hawley, Suzanne L., 2010, Cool Stars 16
- Selected Posters**
- E12 THE FORMATION OF COINS: EQUITY AND INCLUSION IN SDSS
Schmidt, Sarah J.; Sanchez-Gallego, Jose Ramon; Chanover, Nancy J.; Holley-Bockelmann, Kelly; Lucatello, Sara; Aragon-Salamanca, Alfonso; Belfiore, Francesco; Cherinka, Brian; Feuillet, Diane; Jones, Amy; Masters, Karen; Simmons, Audrey; Ross, Ashley; Stassun, Keivan G.; Tayar, Jamie, AAS 229 #237.13
 - E11 FINDING THE LARGEST FLARES ON ULTRACOOOL DWARFS WITH ASAS-SN
Schmidt, Sarah J., 2016, Cool Stars 19
 - E10 DIVERSITY JOURNAL CLUB: A TOOL TO EDUCATE ASTRONOMERS ABOUT DIVERSITY AND INCLUSION
Schmidt, Sarah J., 2015, Inclusive Astronomy
 - E9 USING APOGEE DATA TO EXAMINE LATE-K AND EARLY-M DWARFS
Schmidt, Sarah J.; Wagoner, Erika L.; Johnson, Jennifer; Gregorio Fernandez Trincado, Jose; Robin, Annie; Reyle, Celine; Terrien, Ryan; Allende-Prieto, Carlos; Hearty, Fred; Majewski, Steven R.; Schiavon, Ricardo P., 2015, AAS 225 #138.10
 - E8 TOWARDS AN AGE/ACTIVITY RELATIONSHIP FOR ULTRACOOOL DWARFS
Schmidt, Sarah J.; West, Andrew A.; Hawley, Suzanne L.; Bochanski, John J., 2014, Cool Stars 18
 - E7 ULTRACOOOL DWARF SPECTROSCOPIC TEMPLATES, BOLOMETRIC FLUXES, AND χ FACTORS
Schmidt, Sarah J.; West, Andrew A.; Bochanski, John J.; Hawley, Suzanne L., 2013, AAS 222 #116.17
 - E6 USING H α EMISSION TO EXAMINE THE CHROMOSPHERES OF M AND L DWARFS
Schmidt, Sarah J.; Hawley, Suzanne L.; Bochanski, John J.; West, Andrew A., 2012, Cool Stars 17
 - E5 THE FIRST DETECTION OF TIME-VARIABLE INFRARED LINE EMISSION DURING M DWARF FLARES
Schmidt, Sarah J.; Hilton, E. J.; Tofflemire, B.; Wisniewski, J. P.; Kowalski, A. F.; Holtzman, J.; Hawley, S. L., 2011, AAS 218 #326.04
 - E4 X-RAY AND RADIO OBSERVATIONS OF LP349-25
Schmidt, Sarah J.; Osten, R. A.; Hawley, S. L.; Ngoc, P.; Reid, N., 2011, AAS 217 #242.18
 - E3 COLORS AND KINEMATICS OF L DWARFS IN THE SLOAN DIGITAL SKY SURVEY
Schmidt, Sarah J.; West, Andrew A.; Hawley, Suzanne L., 2009, Joint Annual Conference of the National Society of Black Physicist and National Society of Hispanic Physicists
 - E2 COOL STAR OXYGEN ABUNDANCES FROM SPECTRAL SYNTHESIS OF TiO BANDS
Schmidt, Sarah J.; Wallerstein, G.; Woolf, V. M.; and Bean, J. L., 2008, Cool Stars 15
 - E1 ACTIVITY AND KINEMATICS OF ULTRACOOOL DWARFS
Schmidt, Sarah J.; Cruz, K. L., 2006, Cool Stars 14