

# JOHN J. BOCHANSKI

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<b>Education</b>	UNIVERSITY OF WASHINGTON Seattle WA, USA Ph.D., Astronomy, June 2008 Thesis Title: "M Dwarfs in the Local Milky Way: the Field Low-Mass Stellar Luminosity and Mass Functions" Thesis Advisor: Suzanne L. Hawley	Aug. 2002 – Aug. 2008
	UNIVERSITY OF WASHINGTON Seattle WA, USA M.S., Astronomy	Aug. 2002 – June 2005
	VILLANOVA UNIVERSITY Villanova, PA USA B.S., Astronomy & Astrophysics, magna cum laude	Aug. 1998 – May 2002
<b>Honors</b>	Namesake of Main-belt asteroid 141414 Bochanski (2002 AK205)	2012
	MIT Spot Award	2009, 2010
	Elected to Phi Beta Kappa	2002
	Jason Cardelli Memorial Undergraduate Research Award	2002
	National Barry M. Goldwater Scholar	2001
	Elected to Phi Kappa Phi	2001
Elected to Sigma Pi Sigma Physics	2000	
<b>Teaching Experience</b>	ASSISTANT PROFESSOR OF PHYSICS, RIDER UNIVERSITY Taught general calculus-based physics and laboratory sections for science majors and astronomy for non-science majors at Rider University.	2014 – Present
	VISITING ASSISTANT PROFESSOR, HAVERFORD COLLEGE Taught introductory planetary astronomy for non-science majors at Haverford College. Students learned physics, geology and chemistry while exploring the properties of the planets and moons of our solar system.	2013 – 2014
	INSTRUCTOR, U. OF WASHINGTON, ROBINSON CENTER Developed curriculum for and taught the "Physics of Sports" class for gifted middle-school students.	Summer 2005, 2006
	TEACHING ASSISTANT, U. OF WASHINGTON Led discussion sections for introductory Astronomy and Solar System courses.	7 quarters, 2002 – 2008

<b>Research Experience</b>	POSTDOCTORAL SCHOLAR, HAVERFORD COLLEGE Supervisor: Beth Willman Led investigations on the outer halo of the Milky Way using survey and ground-based observations of M giants. Supervised undergraduate research on M dwarf metallicity calibration and planetary transit observations in large surveys.	2012 – 2014
	POSTDOCTORAL SCHOLAR, PSU Supervisor: Kevin Luhman Obtained and analyzed space and ground-based observations of low-mass stars and brown dwarfs in the field and star forming regions.	2010 – 2012
	POSTDOCTORAL ASSOCIATE, MIT Supervisors: Adam Burgasser & Rob Simcoe Investigated fundamental low-mass stellar properties. Constructed the FIRE near-IR echellette for the Magellan Telescopes; Created data reduction packages for two echellette spectrographs: MAGE and FIRE.	2008 – 2010
<b>Mentoring Experience</b>	PROJECT ADVISOR, RIDER UNIVERSITY Supervised undergraduate and high school students on multiple projects, including data from WISE and SDSS.	2015 – Present
	PROJECT ADVISOR, HAVERFORD COLLEGE Supervised undergraduate researchers on multiple projects, using data from HST, SDSS, Kepler, as well as simulations of LSST.	2012 – 2014
	UROP ADVISOR, MIT Supervised undergraduate students in research projects.	2009 – 2010
	PROJECT ADVISOR, U. OF WASHINGTON Supervised under-represented freshman in research projects as part of UW Astronomy's PreMAP program.	2006 – 2007
<b>Selected Grants</b>	PI, HUBBLE SPACE TELESCOPE OBSERVATIONS HST-GO-12208, <i>Resolving Disks and Jets in a New, Benchmark Low-Mass Binary</i> , \$18,602	2011 – 2013
	CO-I, NSF ASTRONOMY AND ASTROPHYSICS RESEARCH GRANTS AST 06-07644, PI Hawley, <i>Low Mass Stellar Luminosity and Mass Functions</i> , \$131,499	2007 – 2009
	CO-I, NSF RESEARCH FOR UNDERGRADUATE INSTITUTIONS RUI 1009903, PI Guinan, <i>A Comprehensive RUI Study of Red Dwarf Stars: Ages, Rotation, Magnetic Activity and Suitability for Life</i> , \$360,896	2010 – 2012
<b>Selected Invited Talks</b>	DATA DRIVEN DISCOVERY: ASTRONOMY IN THE ERA OF LARGE SURVEYS Talks @ Google, Mountain View, CA	Jan. 2015
	HUNTING THE MOST DISTANT STARS IN THE MILKY WAY Rutgers University, New Brunswick, NJ	Nov. 2014
	THE MOST IMPORTANT TELESCOPE YOU'VE NEVER HEARD OF Franklin Institute, Philadelphia, PA	June 2013
	BIG SURVEYS & LITTLE STARS: SDSS M DWARFS & THE LOCAL MILKY WAY Physics Colloquium, Drexel University, May 2012	

Physics & Astronomy Colloquium, Georgia State University, Mar. 2012	
Physics & Space Sciences Colloquium, Florida Institute of Technology, Dec. 2011	
Physics & Astronomy Seminar, U. of Delaware, Nov. 2011	
Physics Colloquium, Bucknell University, Mar. 2011	
LOW-MASS BINARIES IN SDSS	Aug. 2011
Invited Review, Stars, Companions and their Interactions: A Memorial to Robert H. Koch, Villanova University	
LOW-MASS STARS IN SDSS: GALACTIC STRUCTURE, KINEMATICS AND THE LUMINOSITY FUNCTION	Aug. 2010
Invited Review, Cool Stars XVI	
OUR 15 MILLION NEAREST NEIGHBORS: M DWARFS AND THE LOCAL MILKY WAY	
Galaxy Lunch, Cornell University, Ithaca, NY, May 2010	
Astronomy Seminar, University of Rochester, Rochester, NY, May 2010	
Cosmology Seminar, Stanford University, Stanford, CA, May 2010	
Astronomy Seminar, Columbia University, New York, NY, April 2010	
Astronomy Colloquium, Boston University, Boston, MA, Nov. 2009	
Astronomy Seminar, Department of Terrestrial Magnetism, Nov. 2009	
Physics and Astronomy Colloquium, SUNY Stony Brook, Stony Brook, NY, Oct. 2009	
Astrophysics Seminar, Brown University, Providence, RI, Sep. 2009	
LOW-MASS STARS IN SDSS: MASS FUNCTIONS AND GALACTIC STRUCTURE	Nov. 2007
Lunch Talk, Center for Astrophysics, Cambridge, MA	
LOW-MASS STARS IN SDSS: LOCAL GALACTIC STRUCTURE AND STAR COUNTS	Nov. 2007
Astronomy Colloquium, American Museum of Natural History, New York, NY	
EXPLORING THE LOCAL MILKY WAY WITH M DWARFS: GALACTIC POPULATIONS AND THE MASS FUNCTION	Aug. 2007
Star Formation and ISM Lunch Talk, University of California, Berkeley, CA	
MAGNETIC ACTIVITY IN M DWARF STARS: OBSERVATIONS WITH SDSS	Apr. 2007
Astronomy Colloquium, Villanova University, Villanova, PA	
MASS FUNCTION OF LOW MASS STARS IN SDSS AND 2MASS	Sep. 2006
SDSS Collaboration Meeting, Seoul National University, Seoul, South Korea	
<b>Professional Service</b>	
NSF PANEL REVIEWER	2015
CO-CHAIR OF LSST STARS, MILKY WAY AND LOCAL VOLUME SCIENCE WORKING GROUP	2013 – Present
HUBBLE SPACE TELESCOPE TAC GALACTIC PANEL MEMBER, CYCLES 20 & 21	2012 – 2013
AGES SPLINTER SESSION ORGANIZER & CHAIR, COOL STARS XVII	2012
PENN STATE POSTDOCTORAL SOCIETY, EXECUTIVE COMMITTEE	2011 – 2012

	ASTRONOMY CLIMATE & DIVERSITY COMMITTEE MEMBER Postdoctoral representative	2011 – 2012
	SPECIAL AAS SESSION, ORGANIZER AND CHAIR Selected speakers and chaired the session titled “Low–Mass Stellar Science in the Era of Large Surveys” at the 218th AAS meeting in Boston, MA.	2011
	METALLICITY SPLINTER SESSION CO-CHAIR, COOL STARS XVI	2010
	LOCAL ORGANIZING COMMITTEE MEMBER, COOL STARS XVI	2009 – 2010
	POSTDOCTORAL REPRESENTATIVE, KAVLI INSTITUTE, MIT	2008 – 2010
	ORGANIZER, MIT POSTDOC SYMPOSIUM Organized and chaired a three-day symposium for MIT MKI postdocs	2009, 2010
	REFeree Refereed journal articles for the AJ, ApJ, MNRAS, A&A, and PASP	2007 – Present
	GRADUATE STUDENT REPRESENTATIVE Graduate student representative during faculty meetings and student contact for department chair.	2004 – 2006
<b>Public Outreach</b>	LOCAL MEDIA OUTREACH Discussed recent astronomical events on multiple radio stations in Philadelphia, PA and Trenton, NJ.	2013 – Present
	BLOG AUTHOR, SKY & TELESCOPE MAGAZINE Wrote short articles on astronomy news for Sky & Telescope’s website and print magazine.	2012 – Present
	VOLUNTEER, FRANKLIN INSTITUTE & PHILADELPHIA SCIENCE FESTIVAL Volunteered during the ten-day, city-wide event promoting STEM organizations.	2012 – Present
	JUDGE, PENNSYLVANIA JUNIOR ACADEMY OF SCIENCE Served as a judge for state-wide grade school student science competition	2011
	PUBLIC TALKS Spoke at UW Astronomy Open House and multiple public venues in Philadelphia.	2006 – Present
	COORDINATOR, ASTRONOMY DEPARTMENT OPEN HOUSE Coordinated the bi-annual Open House of the Astronomy Department.	2006
	WEBMASTER, SDSS IMAGE OF THE WEEK Selected interesting images for SDSS’s Image of the Week website and authored a caption for each selection.	2006 – 2008
	VOLUNTEER, THURGOOD MARSHALL ELEMENTARY SCHOOL Volunteered as part of an effort to include astronomy in the science curriculum of 4 <sup>th</sup> /5 <sup>th</sup> grade students (non-native English speakers).	2005 – 2006
	GEAR UP INSTRUCTOR, UNIVERSITY OF WASHINGTON Taught an introductory astronomy class to college-bound high school students.	2004
	OFFICER, HISPANIC SCHOLARSHIP CHAPTER, UNIVERSITY OF WASHINGTON Coordinated meetings of the Hispanic Scholarship Chapter of the UW.	2003 – 2004

<b>Selected Observing Experience</b>	GEMINI OBSERVATORY	Spring 2015
	Awarded fifty hours of PI time with the 8.4m Gemini-South Telescope, Chile.	
	Approximate cost to operate Gemini 3000 USD / hour.	
	MMT OBSERVATORY	Fall 2013
	Awarded three nights of CoI time with the 6.5m MMT at Mt. Hopkins.	
	HUBBLE SPACE TELESCOPE	Cycle 18
	PI of GO Program 12208 (3 orbits). Obtained high-resolution optical imaging of two young, nearby M dwarfs with WFC3.	
	HOBBY-EBERLY TELESCOPE	2010 – 2012
	Awarded 16.1 hours of observing time for optical spectroscopy with HRS and MRS.	
	MAGELLAN OBSERVATORIES	2008 – Present
Have received over 90 hours of PI time for optical spectroscopy with MAGE and MIKE.		
Helped construct and commission the FIRE IR spectrograph.		
KITT PEAK NATIONAL OBSERVATORY	2011 – 2014	
Have received 3.5 nights as Co-I on 4m Echelle.		
APACHE POINT OBSERVATORY	2002 – 2008	
Extensive experience with the DIS and Echelle spectrographs.		
NASA-IRTF	2008 – Present	
PI for multiple ongoing projects with Spex.		
KITT PEAK NATIONAL OBSERVATORY	2001	
Observed multiple nights with 0.9m SARA telescope		
<b>Schools</b>	NATIONAL VIRTUAL OBSERVATORY SUMMER SCHOOL Aspen, Colorado, USA	Sep. 2005

**References**

PROFESSOR SUZANNE HAWLEY  
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Villanova University  
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- First–Author  
Refereed  
Publications**
- A11 THE MOST DISTANT STARS IN THE MILKY WAY  
**Bochanski, J.J.**, Willman, B., Caldwell, N., Sanderson, R., West, A.A., Strader, J., Brown, W., 2014, *ApJL*, 790, 5
- A10 HUNTING THE MOST DISTANT STARS IN THE MILKY WAY: METHODS AND INITIAL RESULTS  
**Bochanski, J.J.**, Willman, B., West, A.A., Strader, J., Chomiuk, L., 2014, *AJ*, 147, 76
- A9 MAPPING THE LOCAL HALO: STATISTICAL PARALLAX ANALYSIS OF SDSS LOW–MASS SUBDWARFS  
**Bochanski, J.J.**, Savcheva, A., West, A.A., Hawley, S.L., 2012, *AJ*, 145, 40
- A8 MEASURING THE AGES OF LOW–MASS STARS & BROWN DWARFS  
**Bochanski, J.J.**, Hawley, S.L., Covey, K.R., Agüeros, M.A., Baraffe, I., Catalán, S., Mohanty, S., Rice, E.L., West, A.A., 2012, *AN*, 334, 44
- A7 FIRE SPECTROSCOPY OF THE ULTRA-COOL BROWN DWARF, UGPS J072227.51-054031.2: KINEMATICS, ROTATION AND ATMOSPHERIC PARAMETERS  
**Bochanski, J.J.**, Burgasser, A.J., Simcoe, R.A., West, A.A., 2011, *AJ*, 142, 169
- A6 THE SLOAN DIGITAL SKY SURVEY DR7 SPECTROSCOPIC M DWARF CATALOG II: STATISTICAL PARALLAX ANALYSIS  
**Bochanski, J.J.**, Hawley, S.L., West, A.A., 2011, *AJ*, 141, 98
- A5 THE LUMINOSITY AND MASS FUNCTIONS OF LOW-MASS STARS IN THE GALACTIC DISK: II. THE FIELD<sup>1</sup>  
**Bochanski, J.J.**, Hawley, S. L., Covey, K. R., Reid, I.N., West, A. A., Golimowski, D.A., Ivezić, Ž., 2010, *AJ*, 139, 2679
- A4 MASE: A NEW DATA–REDUCTION PIPELINE FOR THE MAGELLAN ECHELLETTE SPECTROGRAPH  
**Bochanski, J.J.**, Hennawi, J.F., Simcoe, R.A., Prochaska, J.X., West, A.A., Burgasser, A.J., Burles, S.M., Bernstein, R.A., Williams, C.L., & Murphy, M.T., 2009, *PASP*, 121, 1409
- A3 EXPLORING THE LOCAL MILKY WAY: M DWARFS AS TRACERS OF GALACTIC POPULATIONS  
**Bochanski, J. J.**, Munn, J. A., Hawley, S. L., West, A. A., Covey, K. R., & Schneider, D. P., 2007, *AJ*, 134, 2418
- A2 LOW-MASS DWARF TEMPLATE SPECTRA FROM THE SLOAN DIGITAL SKY SURVEY<sup>2</sup>  
**Bochanski, J.J.**, West, A. A., Hawley, S. L., & Covey, K. R., 2007, *AJ*, 133, 531
- A1 SPECTROSCOPIC SURVEY OF M DWARFS WITHIN 100 PARSECS OF THE SUN  
**Bochanski, J.J.**, Hawley, S. L., Reid, I. N., Covey, K. R., West, A. A., Tinney, C. G., & Gizis, J.E., 2005, *AJ*, 130, 1871
- Refereed  
Publications**
- B66 THE BROWN DWARF KINEMATICS PROJECT (BDKP). IV. RADIAL VELOCITIES OF 85 LATE-M AND L DWARFS WITH MAGE  
Burgasser, A.J., Logsdon, S.E., Gagné, J., **Bochanski, J.J.**, Faherty, J.K., West, A.A., Mamajek, E.E., Schmidt, S.J., Cruz, K.L., 2015, *ApJS*, 220, 18
- B65 BOSS ULTRACOOL DWARFS. I. COLORS AND MAGNETIC ACTIVITY OF M AND L DWARFS  
Schmidt, S.J., Hawley, S.L., West, A.A., **Bochanski, J.J.**, Davenport, J.R.A., Ge, J., Schneider, D.P., 2015, *textitAJ*, 149, 158
- B64 EARLY OBSERVATIONS AND ANALYSIS OF THE TYPE IA SN 2014J IN M82  
Marion, G.H., Sand, D.J., Hsiao, E.Y., [9 authors] **Bochanski, J.J.**, [13 authors], 2015, *ApJ*, 798, 39

<sup>1</sup>This paper has over 110 refereed citations.<sup>2</sup>This paper has over 150 refereed citations.

- B63 THE FACTORY AND THE BEEHIVE. II. ACTIVITY AND ROTATION IN PRAESEPE AND THE HYADES  
Douglas, S.T., Agüeros, M.A., Covey, K.R., Bowsher, E.C., **Bochanski, J.J.**, [7 authors], 2014, *ApJ*, 795, 161
- B62 A NEW SAMPLE OF COOL SUBDWARFS FROM SDSS: PROPERTIES AND KINEMATICS  
Savcheva, A.S., West, A.A., **Bochanski, J.J.**, 2014, *ApJ*, 794, 145
- B61 NEAR-INFRARED DETECTION OF WD 0806-661 B WITH THE HUBBLE SPACE TELESCOPE  
Luhman, K.L., Morley, C.V., Burgasser, A.J., Esplin, T.L., **Bochanski, J.J.**, 2014, *ApJ*, 794, 16
- B60 CALIBRATING ULTRACOOL DWARFS: OPTICAL TEMPLATE SPECTRA, BOLOMETRIC CORRECTIONS, AND  $\chi$  VALUES  
Schmidt, S.J., West, A.A., **Bochanski, J.J.**, Hawley, S.L., Kielty, C., 2014, *PASP*, 126, 642
- B59 THE SLOAN DIGITAL SKY SURVEY DATA RELEASE 7 SPECTROSCOPIC M DWARF CATALOG. III. THE SPATIAL DEPENDENCE OF MAGNETIC ACTIVITY IN THE GALAXY  
Pineda, J.S., West, A.A., **Bochanski, J.J.**, Burgasser, A.J., 2013, *AJ*, 146, 50
- B58 FIRE: A FACILITY CLASS NEAR-INFRARED ECHELLE SPECTROMETER FOR THE MAGELLAN TELESCOPES  
Simcoe, R.A., Burgasser, A.J., Schechter, P.L., Fishner, J., Bernstein, R.A., Bigelow, B.C., Pipher, J.L., Forrest, W., McMurtry, C., Smith, M. J., **Bochanski, J.J.**, 2013, *PASP*, 125, 270
- B57 THE VERY SHORT PERIOD M DWARF BINARY SDSS J001641-000925  
Davenport, J.R.A., Becker, A.C., West, A.A., **Bochanski, J.J.**, Hawley, S.L., Holtzman, J., Gunning, H.C., Hilton, E.J., Munshi, F.A., Albright, M. 2013, *ApJ*, 764, 62
- B56 GASEOUS MATERIAL ORBITING THE POLLUTED, DUSTY WHITE DWARF HE 1349-2305  
Melis, C., Dufour, P., Farihi, J., **Bochanski, J.J.**, Burgasser, A. J., et al., 2012, *ApJ*, 751, L4
- B55 DETAILED COMPOSITIONAL ANALYSIS OF THE HEAVILY POLLUTED DBZ WHITE DWARF SDSS J073842.56+183509.06: A WINDOW ON PLANET FORMATION?  
Dufour, P., Kilic, M., Fontaine, G., Bergeron, P., Melis, C., **Bochanski, J.J.**, 2012, *ApJ*, 749, 6
- B54 AN H-BAND SPECTROSCOPIC METALLICITY CALIBRATION FOR M DWARFS  
Terrien, R. C., Mahadevan, S., Bender, C. F., Deshpande, R., Ramsey, L. W., **Bochanski, J. J.**, 2012, *ApJ*, 747, L38
- B53 REFINED METALLICITY INDICES FOR M DWARFS USING THE SLOWPOKES CATALOG OF WIDE, LOW-MASS BINARIES  
Dhital, S., West, A. A., Stassun, K. G., **Bochanski, J. J.**, Massey, A. P., Bastien, F. A., 2012, *AJ*, 143, 67
- B52 CONFIRMATION OF ONE OF THE COLDEST KNOWN BROWN DWARFS  
Luhman, K. L., Burgasser, A.J., Labbé, Saumon, D., Marley, S.M., **Bochanski, J. J.**, Monson, A.J., Persson, S.E., 2011, *ApJ*, 744, 135
- B51 THE FIRST HUNDRED BROWN DWARFS DISCOVERED BY THE WIDE-FIELD INFRARED SURVEY EXPLORER (WISE)  
Kirkpatrick, J.D., Cushing, M.C., [18 authors], **Bochanski, J.J.**, [19 authors], 2011, *ApJS*, 197, 19
- B50 CONSTRAINTS ON THE UNIVERSAL CIV MASS DENSITY AT  $z \approx 6$  FROM EARLY IR SPECTRA OBTAINED WITH THE MAGELLAN FIRE SPECTROGRAPH  
Simcoe, R.A., Cooksey, K.L., Matejek, M.E., Burgasser, A.J., **Bochanski, J.J.**, [7 authors], 2011, *ApJS*, 743, 21



- B49 DISCOVERY OF A COMPANION AT THE L/T TRANSITION WITH THE WIDE-FIELD INFRARED SURVEY EXPLORER  
Loutrel, N. P., Luhman, K. L., Lowrance, P. J., **Bochanski, J. J.**, 2011, *ApJ*, 739, 81
- B48 FIRE SPECTROSCOPY OF FIVE LATE-TYPE T DWARFS DISCOVERED WITH THE WIDE-FIELD INFRARED SURVEY EXPLORER  
Burgasser, A.J., Cushing, M.C., Kirkpatrick, J.D., Gelino, C.R., Griffith, R.L., Looper, D.L., Tinney, C., Simcoe, R.A., **Bochanski, J.J.**, [6 authors], 2011, *ApJ*, 735, 116
- B47 ACCRETION OF A TERRESTRIAL-LIKE MINOR PLANET BY A WHITE DWARF  
Melis, C., Farihi, J., Dufour, P., Zuckerman, B., Burgasser, A.J., Bergeron, P., **Bochanski, J.J.**, Simcoe, R., 2011, *ApJ*, 732, 90
- B46 PERIODIC VARIABILITY OF LOW-MASS STARS IN SDSS STRIPE 82  
Becker, A.C., **Bochanski, J.J.**, Hawley, S.L., Ivezić, Ž., Kowalski, A.F., Sesar, B., West, A.A., 2011, *ApJ*, 731, 17
- B45 DISCOVERY OF A CANDIDATE FOR THE COOLEST KNOWN BROWN DWARF  
Luhman, K. L., Burgasser, A. J., **Bochanski, J.J.**, 2011, *ApJ*, 730, 9
- B44 THE SLOAN DIGITAL SKY SURVEY DR7 SPECTROSCOPIC M DWARF CATALOG I: DATA  
West, A.A, Morgan, D.L., **Bochanski, J.J.**, [17 authors], 2011, *AJ*, 141, 97
- B43 IDENTIFICATION OF A WIDE, LOW-MASS MULTIPLE SYSTEM CONTAINING THE BROWN DWARF 2MASS J0850359+105716  
Faherty, J.K, Burgasser, A.J, **Bochanski, J.J.**, Looper, D.L., West, A.A., van der Blik, N.S, 2011, *AJ*, 141, 71
- B42 MARVELS-1B: A SHORT-PERIOD, BROWN DWARF DESERT CANDIDATE FROM THE SDSS-III MARVELS PLANET SEARCH  
Lee, B.L., [35 authors], **Bochanski, J.J.**, [26 authors], 2011, *ApJ*, 728, 32
- B41 CLOUDS IN THE COLDEST BROWN DWARFS: FIRE SPECTROSCOPY OF ROSS 458C  
Burgasser, A.J., Simcoe, R. A., **Bochanski, J.J.**, Saumon, D., Mamajek, E.E., Cushing, M.C., Marley, M.S., McMurtry, C., Pipher, J.L., Forrest, W.J., 2010, *ApJ*, 725, 1405
- B40 A WIDELY SEPARATED, HIGHLY OCCLUDED COMPANION TO THE NEARBY LOW-MASS T TAURI STAR TWA 30  
Looper, D.L., **Bochanski, J.J.**, Burgasser, A.J., Mohanty, S., Mamajek, E.E., Faherty, J.K., West, A.A., Pitts, M.A. 2010, *AJ*, 140, 1486
- B39 DISCOVERIES FROM A NEAR-INFRARED PROPER MOTION SURVEY USING MULTI-EPOCH TWO MICRON ALL-SKY SURVEY DATA  
Kirkpatrick, J.D., [9 authors], **Bochanski, J.J.**, [3 authors], 2010, *ApJS*, 190, 100
- B38 SLOAN LOW-MASS WIDE PAIRS OF KINEMATICALLY EQUIVALENT STARS (SLOWPOKES): A CATALOG OF VERY WIDE, LOW-MASS PAIRS  
Dhital, S., West, A.A., Stassun, K.G., **Bochanski, J.J.**, 2010, *AJ*, 139, 2566
- B37 THE ENIGMATIC YOUNG, LOW-MASS VARIABLE TWA 30  
Looper, D.L., Mohanty, S., **Bochanski, J.J.**, Burgasser, A.J., Mamajek, E.E., Herczeg, G.J.; West, A.A., Faherty, J.K., Rayner, J., Pitts, M.A., Kirkpatrick, J.D., 2010, *ApJ*, 714, 45
- B36 THE BROWN DWARF KINEMATICS PROJECT (BDKP).II. DETAILS ON NINE WIDE COMMON PROPER MOTION VERY LOW-MASS COMPANIONS TO NEARBY STARS  
Faherty, J.K., Burgasser, A.J., West, A.A., **Bochanski, J.J.**, Cruz, K.L., Shara, M.M., Walter, F.M., 2009, *AJ*, 139, 176
- B35 DISCOVERY OF AN UNUSUALLY BLUE L DWARF WITHIN 10 PC OF THE SUN  
Schmidt, S.J., West, A.A., Burgasser, A.J., **Bochanski, J.J.**, Hawley, S.L., 2009, *AJ*, 139, 1045
- B34 A SAMPLE OF CANDIDATE RADIO STARS IN FIRST AND SDSS  
Kimball, A. E., Knapp, G. R., Ivezić, Ž., West, A. A., **Bochanski, J. J.**, Plotkin, R. M., & Gordon, M. S., 2009, *ApJ*, 701, 535

- B33 M DWARFS IN SLOAN DIGITAL SKY SURVEY STRIPE 82: PHOTOMETRIC LIGHT CURVES AND FLARE RATE ANALYSIS  
Kowalski, A. F., Hawley, S. L., Hilton, E. J., Becker, A. C., West, A. A., **Bochanski, J. J.**, & Sesar, B., 2009, *AJ*, 138, 633
- B32 OPTICAL AND NEAR-INFRARED SPECTROSCOPY OF THE L SUBDWARF SDSS J125637.13-022452.4  
Burgasser, A. J., Witte, S., Helling, C., Sanderson, R. E., **Bochanski, J. J.**, & Hauschildt, P. H., 2009, *ApJ*, 697, 148
- B31 SEGUE: A SPECTROSCOPIC SURVEY OF 240,000 STARS WITH  $G = 14-20$   
Yanny, B., Rockosi, C., [16 authors], **Bochanski, J. J.**, [89 authors], 2009, *AJ*, 137, 4377
- B30 SPECTROPHOTOMETRICALLY IDENTIFIED STARS IN THE PEARS-N AND PEARS-S FIELDS  
Pirzkal, N., Burgasser, A. J., Malhotra, S., Holwerda, B. W., Sahu, K. C., Rhoads, J. E., Xu, C., **Bochanski, J. J.**, Walsh, J. R., Windhorst, R. A., Hathi, N. P., & Cohen, S. H., 2009, *ApJ*, 695, 1591
- B29 THE LUMINOSITY AND MASS FUNCTIONS OF LOW-MASS STARS IN THE GALACTIC DISK. I. THE CALIBRATION REGION  
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