John J. Bochanski

Department of Computer Science & Physics
Rider University
2083 Lawrenceville Road
Lawrenceville, NJ 08648 USA

Phone: (609) 896 5184
email: jbochanski@rider.edu
www: johnbochanski.com
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Education

University of Washington — Aug. 2002 – Aug. 2008
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: Dr. Suzanne L. Hawley

University of Washington — Aug. 2002 – June 2005
Seattle WA, USA
M.S., Astronomy

Villanova University — Aug. 1998 – May 2002
Villanova, PA USA
B.S., Astronomy & Astrophysics, magna cum laude

Honors

Research Corporation for Science Advancement - Scialog Fellow	2018
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

Professional Experience

Associate Professor and Department Chair, Computer Science & Physics — 2019 – Present
Rider University

Assistant Professor of Physics — 2014 – 2019
Rider University

Visiting Assistant Professor — 2013 – 2014
Haverford College

Postdoctoral Scholar — 2012 – 2014
Haverford College
Supervisor: Dr. Beth Willman

Postdoctoral Scholar — 2010 – 2012
Pennsylvania State University
Supervisor: Dr. Kevin Luhman

Postdoctoral Associate — 2008 – 2010
Massachusetts Institute of Technology
Supervisors: Dr. Adam Burgasser & Dr. Rob Simcoe

	Instructor University of Washington Robinson Center	Summer 2005, 2006
	Teaching Assistant University of Washington	7 quarters, 2002 – 2008

Courses Taught

Physics 180 - Astronomy	Rider, 2014–Present
Physics 200 - General Physics I	Rider, 2014–Present
Physics 201 - General Physics II	Rider, 2014–Present
Physics 200/201L - General Physics Lab I & II	Rider, 2014–Present
Science 480 - Science Friday Seminar & Journal Club	Rider, 2016–Present
Physics 250 - Scientific Computing	Rider, 2016
Honors 215 -The Universe and Origins of Life	Rider, 2015
Computer Science 110 - Computer Science I	Rider, 2017
Astronomy 114 - Planetary Astronomy	Haverford, 2013
Physics of Sports	U.W., 2005–2006

Mentoring Experience

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

Selected Grants

PI, LSST Corporation *Engaging Underrepresented Young Scientists in Astronomy with LSST*, $10,000	2017
Co-PI, Independent College Fund of New Jersey *Reinforcing Bioinformatics in the Undergraduate Classroom and Research Laboratory for the Next Generation of Scientists*, $5,000	2017
PI, Hubble Space Telescope Observations HST-GO-12208, *Resolving Disks and Jets in a New, Benchmark Low-Mass Binary*, $18,602	2011 – 2013
Co-I, NSF Astronomy and Astrophysics Research Grants AST 06-07644, PI Hawley, *Low Mass Stellar Luminosity and Mass Functions*, $131,499	2007 – 2009
Co-I, NSF Research for Undergraduate Institutions RUI 1009903, PI Guinan, *A Comprehensive RUI Study of Red Dwarf Stars: Ages, Rotation, Magnetic Activity and Suitability for Life*, $360,896	2010 – 2012

Selected Invited Talks

Tomorrow's View of Our Universe — May 2018
TedX@Solebury School, New Hope, PA

The Next Generation of Milky Way Survey Science — Apr. 2018
University of Delware, Newark, DE
University of Colorado, Boulder, CO

Meeting the New Neighbors: The Milky Way and its Companions — Sep. 2016
Franklin Institute, Philadelphia, PA

Where does the Milky Way End? — Oct. 2015
The College of New Jersey, Ewing, NJ

Data Driven Discovery: Astronomy in the Era of Large Surveys — Jan. 2015
Talks @ Google, Mountain View, CA

Hunting the Most Distant Stars in the Milky Way
Columbia University, New York, NY, Mar. 2015
Rutgers University, New Brunswick, NJ, Nov. 2014
Center for Astrophysics, Cambridge, MA Apr. 2014

Gaia & Ultra-Cool Dwarfs: What will we learn? — Mar. 2014
Invited Review, Gaia & The Unseen: The Brown Dwarf Question Conference
Turin, Italy

The Most Important Telescope You've Never Heard Of — Jun. 2013
Franklin Institute, Philadelphia, PA

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
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
Astronomy Colloquium, American Museum of Natural History, New York, NY, Nov. 2007
Star Formation and ISM Talk, University of California, Berkeley, CA, Aug. 2007

Professional Service

Faculty Advisor — 2018 – Present
Faculty Advisor to Student Chapter of Association of Computing Machinery

Referee — 2007 – Present
Refereed journal articles for the AJ, ApJ, MNRAS, A&A, and PASP

NSF & NASA Panel Reviewer — 2015 – Present

Co-Chair of LSST Stars, Milky Way and Local Volume Science Working Group — 2013 – Present

Splinter Session Co-Organizer & Chair, Cool Stars 16,17,20 — 2010 – 2018

Hubble Space Telescope TAC
Galactic Panel Member, Cycles 20 & 21 — 2012 – 2013

Penn State Postdoctoral Society, Executive Committee — 2011 – 2012

Astronomy Climate & Diversity Committee Member — 2011 – 2012
Postdoctoral representative

Special AAS Session, Organizer and Chair — 2011
Selected speakers and chaired the session titled "Low–Mass Stellar Science in the Era of Large Surveys" at the 218th AAS meeting.

Local Organizing Committee Member, Cool Stars XVI — 2009 – 2010

Postdoctoral Representative, Kavli Institute, MIT — 2008 – 2010

Organizer, MIT Postdoc Symposium — 2009, 2010
Organized and chaired a three-day symposium for MIT MKI postdocs

Graduate Student Representative — 2004 – 2006
Graduate student representative during faculty meetings and student contact for department chair.

Public Outreach

Local Media Outreach — 2013 – Present
Discussed recent astronomical events on multiple radio stations and newspapers in Philadelphia, PA and Trenton, NJ regions.

Contributing Author, Sky & Telescope Magazine — 2012 – Present
Wrote short articles on astronomy news for Sky & Telescope's website and print magazine.

Volunteer, Franklin Institute & Philadelphia Science Festival — 2012 – Present
Volunteered during the ten–day, city–wide event promoting STEM organizations.

Judge, Pennsylvania Junior Academy of Science — 2011
Served as a judge for state–wide grade school student science competition

PUBLIC TALKS 2006 – Present
Spoke at multiple public venues in Philadelphia, Boston, Seattle and Central NJ.

COORDINATOR, UW ASTRONOMY DEPARTMENT OPEN HOUSE 2006
Coordinated the bi-annual Open House of the Astronomy Department.

WEBMASTER, SDSS IMAGE OF THE WEEK 2006 – 2008
Selected interesting images for SDSS's Image of the Week website
and authored a caption for each selection.

VOLUNTEER, THURGOOD MARSHALL ELEMENTARY SCHOOL 2005 – 2006
Volunteered as part of an effort to include astronomy in the science
curriculum of $4^{th}/5^{th}$ grade students (non-native English speakers).

GEAR UP INSTRUCTOR, UNIVERSITY OF WASHINGTON 2004
Taught an introductory astronomy class to college-bound high school students.

OFFICER, HISPANIC SCHOLARSHIP CHAPTER, UNIVERSITY OF WASHINGTON 2003 – 2004
Coordinated meetings of the Hispanic Scholarship Chapter of the UW.

Selected Observing Experience

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.

KEPLER SPACE TELESCOPE Cycle 4 – 2012
PI of GO Program GO40045 . Obtained low-cadence data on
60 white dwarf-m dwarf binary candidates.

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.
Aided in construction and commission the FIRE IR spectrograph.

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 – 2014
Have received 3.5 nights as Co-I on 4m Echelle. Observed multiple nights
with 0.9m SARA telescope

Professional Affiliations

American Astronomical Society
Association for Computing Machinery

References

Dean Suzanne Hawley
University of Washington, Divisional Dean of Natural Sciences
Box 357365
Seattle, WA 98195
(206) 616 8709, slhawley@uw.edu

Professor Beth Willman
Deputy Director, National Center for Optical-Infrared Astronomy
933 N. Cherry Avenue
Tucson, AZ 85721
(520) 318 8473, bwillman@aura-astronomy.org

Professor Robert Simcoe
MIT-Kavli Institute for Astrophysics and Space Research
77 Massachusetts Ave., Room 37-664D
Cambridge MA 02139
(617) 324 0542, simcoe@space.mit.edu

Dr. Jaqueline K. Faherty
American Museum of Natural History
Central Park West at 79th Street
New York, NY 10024
(212) 496 3527, jfaherty@amnh.org

Publication Summary

Total Refereed Publication: 83
Total Refereed Citations: 21,642
Total Refereed Citations of First–Author Publications: 810
h–index: 49

First–Author Refereed Publications

A12 Fundamental Properties of Co-Moving Stars observed by *Gaia*
Bochanski, J.J., Faherty, J.K, Gagne, J., et. al, 2018, *AJ*, 155, 149

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[1]
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[2]
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

[1]This paper has over 210 refereed citations.
[2]This paper has over 210 refereed citations.

Refereed Publications

B72 New and Known Moving Groups and Clusters Identified in a Gaia Comoving Catalog
Faherty, J.K, **Bochanski, J. J.**, Gagne, J., et. al, 2018, *ApJ*, 863, 91

B71 A New Look at an Old Cluster: The Membership, Rotation, and Magnetic Activity of Low-mass Stars in the 1.3 Gyr Old Open Cluster NGC 752
Agüeros, M. A., Bowsher, E. C., **Bochanski, J. J.**, Cargile, P. A., Covey, K. R., Douglas, S. T., Kraus, A., Kundert, A., Law, N. M., Ahmadi, A., Arce, H. G., 2018, *ApJ*, 862, 33

B70 An empirical template library of stellar spectra for a wide range of spectral classes, luminosity classes, and metallicities using SDSS BOSS spectra
Kesseli, A. Y., West, A. A., Veyette M., Harrison, B., Feldman, D., and **Bochanski, J. J**, 2017, *AJ*, 230, 16

B69 A Survey for Planetary-mass Brown Dwarfs in the Chamaeleon I Star-forming Region
Esplin, T. L., Luhman, K. L., Faherty, J. K., Mamajek, E. E. and **Bochanski, J. J.**, 2017, *AJ*, 154, 46

B68 New views of the distant stellar halo
Sanderson, R. E. Secunda, A., Johnston, K. V. and **Bochanski, J. J.**, 2017, *MNRAS*, 470, 5014

B67 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

B66 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, *AJ*, 149, 158

B65 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

B64 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

B63 A New Sample of Cool Subdwarfs from SDSS: Properties and Kinematics
Savcheva, A.S., West, A.A., **Bochanski, J.J.**, 2014, *ApJ*, 794, 145

B62 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

B61 Calibrating Ultracool Dwarfs: Optical Template Spectra, Bolometric Corrections, and χ Values
Schmidt, S.J., West, A.A., **Bochanski, J.J.**, Hawley, S.L., Kielty, C., 2014, *PASP*, 126, 642

B60 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

B59 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

B58 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

B57 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

B56 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

B55 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

B54 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

B53 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

B52 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

B51 Constraints on the Universal CIV Mass Density at z 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

B50 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

B49 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

B48 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

B47 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

B46 Discovery of a Candidate for the Coolest Known Brown Dwarf
Luhman, K. L., Burgasser, A. J., **Bochanski, J.J.**, 2011, *ApJ*, 730, 9

B45 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

B44 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 Bliek, N.S, 2011, *AJ*, 141, 71

B43 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

B42 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

B41 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

B40 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

B39 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

B38 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

B37 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

B36 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

B35 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

B34 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

B33 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

B32 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

B31 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

B30 The Luminosity and Mass Functions of Low-Mass Stars in the Galactic Disk. I. The Calibration Region
Covey, K. R., Hawley, S. L., **Bochanski, J. J.**, West, A. A., Reid, I. N., Golimowski, D. A., Davenport, J. R. A., Henry, T., Uomoto, A., & Holtzman, J. A., 2008, *AJ*, 136, 1778

B29 Two-Micron All-Sky Survey J01542930+0053266: a new eclipsing M dwarf binary system

Becker, A. C., Agol, E., Silvestri, N. M., **Bochanski, J. J.**, Laws, C., West, A. A., Basri, G., Belokurov, V., Bramich, D. M., Carpenter, J. M., Challis, P., Covey, K. R., Cutri, R. M., Evans, N. W., Fellhauer, M., Garg, A., Gilmore, G., Hewett, P., Plavchan, P., Schneider, D. P., Slesnick, C. L., Vidrih, S., Walkowicz, L. M., & Zucker, D. B., 2008, *MNRAS*, 386, 416

B28 Constraining the Age-Activity Relation for Cool Stars: The Sloan Digital Sky Survey Data Release 5 Low-Mass Star Spectroscopic Sample
West, A. A., Hawley, S. L., **Bochanski, J. J.**, Covey, K. R., Reid, I. N., Dhital, S., Hilton, E. J., & Masuda, M., 2008, *AJ*, 135, 785

B27 Improved Photometric Calibrations for Red Stars Observed with the SDSS Photometric Telescope
Davenport, J. R. A., **Bochanski, J. J.**, Covey, K. R., Hawley, S. L., West, A. A., & Schneider, D. P., 2007, *AJ*, 134, 2430

B26 Stellar SEDs from 0.3 to 2.5 μm: Tracing the Stellar Locus and Searching for Color Outliers in the SDSS and 2MASS
Covey, K. R., Ivezić, Ž., Schlegel, D., Finkbeiner, D., Padmanabhan, N., Lupton, R. H., Agüeros, M.A., **Bochanski, J. J.**, Hawley, S. L., West, A.A., Seth, A., Kimball, A., Gogarten, S. M., Claire, M., Haggard, D., Kaib, N., Schneider, D. P., & Sesar, B., 2007, *AJ*, 134, 2398

B25 Cataclysmic Variables from Sloan Digital Sky Survey. VI. The Sixth Year (2005)
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