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EDUCATION

2000	Ph.D. in Astronomy, University of Washington Thesis: <i>Exotic Gravitational Microlensing Effects as a Probe of Stellar and Galactic Structure</i> Advisor: Christopher Stubbs
1996	M.Sc. in Astronomy, University of Washington
1995	B.S. in Physics, Purdue University Highest Honors Barry M. Goldwater Scholar National Science Foundation REU Fellow Richard King Memorial Award

PROFESSIONAL EXPERIENCE

2006-Present	Research Assistant Professor University of Washington, Seattle, WA
2002-2006	Postdoctoral Research Associate University of Washington, Seattle, WA
2002-2003	Postdoctoral Research Associate Los Alamos National Laboratories, Los Alamos, NM
2000-2003	Postdoctoral Member of Technical Staff Bell Laboratories, Lucent Technologies, Murray Hill, NJ

PROFESSIONAL ACTIVITIES

Founding member of LSST Data Management team at the University of Washington
UW Advisor for NSF Faculty and Student Teams program through LSST
Time Allocation Committee for ARC 3.5m
University of Washington Faculty Senate:
2008-2010 (Astronomy) and 2010-2011 (College of Arts and Sciences)
Contributor to NASA ExoPAG and SAG on:
"Exoplanet Science Measurements from Solar System Probes"
Peer Review: *ApJ*, *AJ*, *PASP*, *Israel Science Foundation*, *NASA (OSS, ADAP)*, *NSF*
Congressional Visit Day 2009 on behalf of AAS and AAAS

SELECTED PUBLICATIONS¹

- [1] **Becker, A. C.**, J. J. Bochanski, S. L. Hawley, Ž. Ivezić, A. F. Kowalski, B. Sesar, and A. A. West. Periodic Variability of Low-mass Stars in Sloan Digital Sky Survey Stripe 82. *ApJ*, 731:17, April 2011.
- [2] R. Kessler, **Becker, A. C.**, D. Cinabro, J. Vanderplas, J. A. Frieman, J. Marriner, T. M. Davis, B. Dilday, J. Holtzman, S. W. Jha, H. Lampeitl, M. Sako, M. Smith, C. Zheng, R. C. Nichol, B. Bassett, R. Bender, D. L. Depoy, M. Doi, E. Elson, A. V. Filippenko, R. J. Foley, P. M. Garnavich, U. Hopp, Y. Ihara, W. Ketzeback, W. Kollatschny, K. Konishi, J. L. Marshall, R. J. McMillan, G. Miknaitis, T. Morokuma, E. Mörtzell, K. Pan, J. L. Prieto, M. W. Richmond, A. G. Riess, R. Romani, D. P. Schneider, J. Sollerman, N. Takanashi, K. Tokita, K. van der Heyden, J. C. Wheeler, N. Yasuda, and D. York. First-Year Sloan Digital Sky Survey-II Supernova Results: Hubble Diagram and Cosmological Parameters. *ApJS*, 185:32–84, November 2009.
- [3] **Becker, A. C.** Transient detection and classification. *Astronomische Nachrichten*, 329:280, 2008.
- [4] **Becker, A. C.**, D. M. Wittman, P. C. Boeshaar, A. Clocchiatti, I. P. Dell’Antonio, D. A. Frail, J. Halpern, V. E. Margoniner, D. Norman, J. A. Tyson, and R. A. Schommer. The Deep Lens Survey Transient Search. I. Short Timescale and Astrometric Variability. *ApJ*, 611:418–433, August 2004.
- [5] C. Alcock, R. A. Allsman, D. R. Alves, T. S. Axelrod, **Becker, A. C.**, D. P. Bennett, K. H. Cook, N. Dalal, A. J. Drake, K. C. Freeman, M. Geha, K. Griest, M. J. Lehner, S. L. Marshall, D. Minniti, C. A. Nelson, B. A. Peterson, P. Popowski, M. R. Pratt, P. J. Quinn, C. W. Stubbs, W. Sutherland, A. B. Tomaney, T. Vandehei, and D. Welch. The MACHO Project: Microlensing Results from 5.7 Years of Large Magellanic Cloud Observations. *ApJ*, 542:281–307, October 2000.

COLLABORATORS AND OTHER AFFILIATIONS

Time-domain collaborations: MACHO, Global Microlensing Alert Network,
Microlensing Planet Search, Deep Lens Survey, SuperMACHO, ESSENCE
Collaboration, SDSS II Supernova Survey, Large Synoptic Survey Telescope,
APO Survey of Transit Lightcurves of Exoplanets, Galactic Exoplanet Mass Mission
Graduate advisor : Christopher Stubbs, Harvard University
Postdoctoral advisor : J. Anthony Tyson, University of California, Davis
Currently on doctoral committees of :
Eric Hilton, Praveen Kundurthy, Sarah Schmidt, and Jacob Vanderplas
Previously on doctoral committees of :
Ricardo Covarrubius and Branimir Sesar

¹Aggregate citations to previous publications are in the top 1% in the field of Space Science, Thompson Reuters; <http://sciencewatch.com/inter/aut/2010/10-may/10mayBeck/>