

Katelyn N. Allers

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EDUCATION

Doctorate of Philosophy in Astronomy (December 2005) *University of Texas at Austin*

Bachelor of Science in Physics (2000) *Whitworth College* (Magna cum Laude)

EMPLOYMENT

Postdoctoral Junior Researcher: *Institute for Astronomy; University of Hawaii; 2006-present*

Research Assistant: *University of Texas at Austin; Astronomy Department; 2001-2005*

Teaching Assistant: *University of Texas at Austin; Astronomy Department; 2000-2005*

Instrumentalist: *Texas National Guard; 2000-2002*

Instrumentalist: *Washington National Guard, 1996-2000*

Project Manager: *SIRTI Environmental Tech. Center; Spokane, WA; 1998-2000*

Research Assistant: *Whitworth College; Physics Department; 1996-1999*

AWARDS AND SCHOLARSHIPS

Texas Space Grant Consortium Fellowship, 2003

Texas Space Grant Consortium Fellowship, 2001

National Physical Science Consortium Fellowship, 2000

Glen P. Erickson Memorial Fellowship in Physics, 1998 and 1999

PUBLICATIONS

Four faint T dwarfs from the UKIRT Infrared Deep Sky Survey (UKIDSS) Southern Stripe

Chiu, K., Liu, M.C., Jiang, L., Allers, K.N. et al. MNRAS *submitted*

Ophiuchus 1622-2405: Not a Planetary-Mass Binary

Luhman, K.L., Allers, K.N., Jaffe, D.T., Cushing, M.C., Williams, K.A., Slesnick, C.L. & Vacca, W.D. 2007, ApJ, 659, 1629

Characterizing Young Brown Dwarfs using Low Resolution Near-IR Spectra

Allers, K.N. et al. 2007, ApJ, 657, 511

Young, Low-Mass Brown Dwarfs with Mid-Infrared Excesses

Allers, K.N., Kessler-Silacci, J.E., Cieza, L.A., & Jaffe, D.T. 2006, ApJ, 644, 364

Young, Jupiter-Mass Objects in Ophiuchus

Allers, K.N., Jaffe, D.T., van der Blik, N.S., Allard, F., & Baraffe, I. The Spitzer Space Telescope: New Views of the Cosmos, *in press*.

H₂ Pure Rotational Lines in the Orion Bar

Allers, K.N., Jaffe, D.T., Draine, B.T., Lacy, J.H., & Richter, M.L. 2005, ApJ, 630, 368.

The Sub-stellar Population of Chamaeleon II

Allers, K.N., Jaffe, D.T., Allard, F., Baraffe, I., & van der Blik, N.S. 2004, BAAS, 205.

Infrared Grisms Using Anisotropic Etching of Silicon to Produce a Highly Asymmetric Groove Profile

Ershov, O.A., Marsh, J.P., Allers, K.N., & Jaffe, D.T. 2003, SPIE Proceedings, v. 4850, 805.

OB Star Forming Clouds: Physical Conditions on Large Scales

Allers, K.N., Jaffe, D.T., Evans, N.J. II, & Plume, R. 2002, Hot Stars III Proceedings, 333.

Automation and Animation Techniques for Observation of Gravity Waves in the Infrared Airglow

Allers, K.N., Kruger, T.C, & Kieffaber, L.M. 1999, 8th Murdock Conf. Proceedings, 1999, 108.