Biographical Sketch:

Gregory H. Rudnick

PROFESSIONAL PREPARATION

University of Illinois	Physics	B.S.	1996
University of Arizona	Astronomy	Ph.D.	2001
Max-Planck-Institute for Astrophysics	Astronomy	Postdoc	2001 - 2004
National Optical Astronomy Observatory	Astronomy	Leo Goldberg Fellow	2004 - 2008

APPOINTMENTS

Associate Professor of Astronomy, University of Kansas (August 2013 - present)
Assistant Professor of Astronomy, University of Kansas (August 2008 - July 2013)

RELATED PRODUCTS

Disc colors in field and cluster spiral galaxies at $0.5 < z < 0.8$, Cantale, N. and Jablonka, P. and Courbin, F., **Rudnick, G.,** Zaritsky, D., Meylan, G., Desai, V., De Lucia, G. Aragón-Salamanca, A., Poggianti, B. M., Finn, R., and Simard, L., 2016, A&A, 589, A82

A Tale of Dwarfs and Giants: Using a $z = 1.62$ *Cluster to Understand How the Red Sequence Grew Over the Last 9.5 Billion years*, **Rudnick, G.**, Tran, K.-V., Papovich, C., Momcheva, I., and Willmer, C., 2012, ApJ, 755, article id. 14

Dust Obscured Star Formation in Intermediate Redshift Clusters, Finn, R., , Desai, V., **Rudnick, G.**, Poggianti, B., Bell, E., and 6 co-authors, 2010, ApJ, 720, 87

A Spitzer-selected Galaxy Cluster at $z = 1.62$, Papovich, C., Momcheva, I., Willmer, C. N. A., Finkelstein, K. D., Finkelstein, S. L., Tran, K.-V., Brodwin, M., Dunlop, J. S., Farrah, D., Khan, S. A., Lotz, J., McCarthy, P., McLure, R. J., Rieke, M., **Rudnick, G.**, Sivanandam, S., Pacaud, F., & Pierre, M. 2010, ApJ, 716, 1503-1513

The Rest-frame Optical Luminosity Function of Cluster Galaxies at $z < 0.8$ *and the Assembly of the Cluster Red Sequence*, **Rudnick, G.**, von der Linden, A., Pelló, R., Aragón-Salamanca, A., and 11 co-authors, 2009, ApJ, 700, 1559

OTHER SIGNIFICANT PRODUCTS

What are the Progenitors of Compact, Massive, Quiescent Galaxies at z = 2.3? The Population of Massive Galaxies at $z > 3$ *from NMBS and CANDELS*, Stefanon, M., Marchesini, D., **Rudnick, G. H.**, Brammer, G. B., & Whitaker, K. E., 2013, ApJ, 768, 92

The Number Density and Mass Density of Star-forming and Quiescent Galaxies at 0.4<z<2.2, Brammer, G. B., Whitaker, K. E., van Dokkum, P. G., Marchesini, D., Franx, M., Kriek, M., Labbé, I., Lee, K.-S., Muzzin, A., Quadri, R. F., **Rudnick, G.**, and Williams, R. 2011 ApJ. 739, 24

The Rise of Massive Red Galaxies: The Color-Magnitude and Color-Stellar Mass Diagrams for $z_{phot} <$ 2 *from the Multiwavelength Survey by Yale-Chile*, Taylor, E. N., Franx, M., van Dokkum, P. G., Bell, E. F., Brammer, G. B., **Rudnick, G.**, Wuyts, S., Gawiser, E., Lira, P., Urry, C. M., & Rix, H.-W. 2009, ApJ, 694, 1171-1199

Measuring the Average Evolution of Luminous Galaxies at $z < 3$*: The Rest-Frame Optical Luminosity Density, Spectral Energy Distribution, and Stellar Mass Density*, **Rudnick, G.**,, Labbé, I., Förster Schreiber, N. M., Wuyts, S., and 10 coauthors, 2006, ApJ, 650, 624

The Rest-Frame Optical Luminosity Density, Color, and Stellar Mass Density of the Universe from $z = 0$ *to* $z = 3$, **Rudnick, G.**, Rix, H.-W., Franx, M., and 11 coauthors, 2003, ApJ, **599**, 847-864.

SYNERGISTIC ACTIVITIES

Fall 2015 – Spring 2016: Chaired working group for LSST/NOAO/Kavli report "Maximizing Science in the Era of LSST: A Community-based Study of Needed US OIR Capabilities" and first authored chapter "The Co-evolution of Baryons, Black Holes, and Cosmic Structure" Spring 2011: Visited Washington DC as part of AAS Communicating with Washington project to promote astronomy to Kansas Delegation and NSF officials.

Fall 2008, Fall 2009 – Fall 2011, Fall 2012, NOAO TAC

Aug. 2008-Nov. 2016: Gave 15 public talks in Lawrence area and was guest on 3 radio call-in shows in Kansas City ("The Walt Bodine Show").

Jan. 2006 - Aug. 2008: Lead scientist in *Spitzer Teachers* program to perform Spitzer research with nationally selected high school teachers and students. Co-recipient of NASA group acheivement award