Benjamin J. Weiner *Curriculum Vitae* March 20, 2017

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Role in the Project: Expertise on spatially resolved imaging and spectroscopy with HST and preparation for JWST proposals. Measurement of far-infrared SEDs and star formation rates. Radio and millimeter observations including ALMA. Spatially resolved kinematics.

Current Position:
Associate Astronomer and Staff Scientist, MMT Observatory, University of Arizona, 2017 – present

Previous Positions:
Associate Astronomer, Steward Observatory, University of Arizona, 2013 – present
Assistant Astronomer, Steward Observatory, University of Arizona, 2006 – 2013
Postdoctoral researcher, supervisor S. Veilleux, University of Maryland, 2004 – 2006
Postdoctoral researcher, supervisor S. Faber, University of California at Santa Cruz, 2000 – 2004
Barbara McClintock Postdoctoral Fellow, Carnegie Observatories, 1998 – 2000

Education:
Swarthmore College, Physics and English Literature, B.A. 1989
Rutgers University, Astrophysics, Ph.D. 1998

Commitee Service: Beatrice Tinsley Prize Committee, American Astronomical Society

Selected Publications:

C. Pacifici, S.A. Kassin, B.J. Weiner, et al. 2016,"The Evolution of Star Formation Histories of Quiescent Galaxies," ApJ, 832, 79

J.S. Spilker, R. Bezanson, D.P. Marrone, B.J. Weiner, K.E. Whitaker, C.C. Williams, 2016, "Low Gas Fractions Connect Compact Star-forming Galaxies to Their $z \sim 2$ Quiescent Descendants," ApJ, 832, 19

R.C. Simons, S.A. Kassin, J.R. Trump, B.J. Weiner et al. 2016, "Kinematic Downsizing at $z \sim 2$," ApJ, 830, 14

R.C. Simons, S.A. Kassin, B.J. Weiner et al. 2016, "A transition mass in the local Tully-Fisher relation," MNRAS, 452, 986

A.M. Morris, D.D. Kocevski, J.R. Trump, B.J. Weiner et al. 2015, "A WFC3 Grism Emission Line Redshift Catalog in the GOODS-South Field," AJ, 149, 178

R. Genzel et al. 2015, "Combined CO and Dust Scaling Relations of Depletion Time and Molecular Gas Fractions with Cosmic Time, Specific Star-formation Rate, and Stellar Mass," ApJ, 800, 20

T. Dolley, M.J.I. Brown, B.J. Weiner et al. 2014, "The Clustering and Halo Masses of Star-forming Galaxies at $z < 1$," ApJ, 797, 125

F. Walter et al. 2014, "A Molecular Line Scan in the Hubble Deep Field North: Constraints on the CO Luminosity Function and the Cosmic H_2 Density," ApJ, 782, 79

J.A. Newman et al. 2013, "The DEEP2 Galaxy Redshift Survey: Design, Observations, Data Reduction, and Redshifts," ApJS, 208, 5

C. Pacifici, S.A. Kassin, B.J. Weiner, S. Charlot, J.P. Gardner. 2013, "The Rise and Fall of the Star Formation Histories of Blue Galaxies at Redshifts $0.2 < z < 1.4$," ApJL, 762, L15

W. Rujopakarn, G.H. Rieke, B.J. Weiner, P. Perez-Gonzalez, M. Rex, G.L. Walth, J.S. Kartaltepe. 2013, "Mid-infrared Determination of Total Infrared Luminosity and Star Formation Rates of Local and High-redshift Galaxies," ApJ, 767, 73

L.J. Tacconi et al. 2013, "Phibss: Molecular Gas Content and Scaling Relations in $z \sim 1 - 3$ Massive, Main-sequence Star-forming Galaxies," ApJ, 768, 74

S.A. Kassin, B.J. Weiner, et al. 2012, "The Epoch of Disk Settling: $z \sim 1$ to Now," ApJ, 758, 106

K.H.R. Rubin, B.J. Weiner, et al. 2010, "The Persistence of Cool Galactic Winds in High Stellar Mass Galaxies between $z \sim 1.4$ and 1," ApJ, 719, 1503

B.J. Weiner et al. 2009, "Ubiquitous Outflows in DEEP2 Spectra of Star-Forming Galaxies at $z = 1.4$," ApJ, 692, 187

K.G. Noeske, B.J. Weiner, et al. 2007, "Star Formation in AEGIS Field Galaxies since z=1.1: The Dominance of Gradually Declining Star Formation, and the Main Sequence of Star-forming Galaxies," ApJL, 660, L43