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CURRENT POSITION Harlan J. Smith Postdoctoral Fellow, McDonald Observatory, University of Texas at Austin

EDUCATION

- ◇ [1999-2005] **Rutgers University**, New Brunswick, NJ, USA
 Ph.D. in Astronomy, October 2005.
- ◇ [1998-1999] **Northwestern University**, Evanston, IL, USA
 M.S. in Physics and Astronomy, June 1999.
- ◇ [1993-1998] **University of Science and Technology of China (USTC)**,
 Hefei, Anhui Province, China B.S. in Space Physics, June 1998.

PROFESSIONAL EXPERIENCE

- ◇ [2003-2004] Organizer of the Rutgers Astronomy Journal Club
- ◇ [2002] Head TA for General Physics Laboratories, Rutgers University
- ◇ [2002-present] Junior member, American Astronomical Society (AAS)

FELLOWSHIPS AND AWARDS

- ◇ [2006] Richard J. Plano Dissertation Prize, Department of Physics & Astronomy, Rutgers University
- ◇ [2005-present] Harlan J. Smith Postdoctoral Fellowship, McDonald Observatory, University of Texas at Austin
- ◇ [2004-2005] University and Bevier Fellowship, Rutgers University (12 awarded annually in the Graduate School for excellence in research)
- ◇ [1998-1999] Departmental Fellowship, Department of Physics & Astronomy, Northwestern University

PUBLICATIONS

- “Observable Properties of an N -Body Double-barred Galaxy”, **Shen, J.**, & Debattista, V. P. 2007, *The Astrophysical Journal*, in preparation.
- “Long-lived Double-Barred Galaxies From Pseudo-Bulges”, Debattista, V. P., & **Shen, J.**, 2007, *The Astrophysical Journal Letters*, accepted
- “Galactic Warps Induced by Cosmic Infall”, **Shen, J.**, & Sellwood, J. A., 2006, *Monthly Notices of the Royal Astronomical Society*, 370, 2
- “Double Barred Galaxies in N -body Simulations”, **Shen, J.**, & Debattista, V. P., 2006, in *Bash Symposium: New Horizons in Astronomy*, Astronomical Society of the Pacific Conference Series, Vol. 352, eds. S. Kannappan, S. Redfield, N. Drory, J. Kessler-Silacci, M. Landriau, p. 281

- “The Destruction of Bars by Central Mass Concentrations”, **Shen, J.**, & Sellwood, J. A., 2004, *The Astrophysical Journal*, 604, 614
- “The AGN-Disk Dynamics Connection”, Sellwood, J. A., & **Shen, J.**, 2004, invited review in *Carnegie Observatories Astrophysics Series, Vol. 1: Coevolution of Black Holes and Galaxies*, ed. L. C. Ho (Cambridge: Cambridge Univ. Press)
- “The Survival of Bars with Central Mass Concentrations”, **Shen, J.**, & Sellwood, J. A., 2004, *Carnegie Observatories Astrophysics Series, Vol. 1: Coevolution of Black Holes and Galaxies*, ed. L. C. Ho (Pasadena: Carnegie Observatories, <http://www.ociw.edu/ociw/symposia/series/symposium1/proceedings.html>)
- “Galactic Warps Formed through Cosmic Infall”, **Shen, J.**, & Sellwood, J. A., 2004, American Astronomical Society Meeting 205, #122.04; Bulletin of the American Astronomical Society, Vol. 36, p.1551
- “Bar Dissolution by Central Mass Concentrations and Bulge Formation”, **Shen, J.**, & Sellwood, J. A., 2003, *Star and Structure Formation: From First Light to the Milky Way*, ed. Marcella Carollo (ETH Zurich).
- “Can Bars Survive Central Mass Concentrations in Disk Galaxies?”, **Shen, J.**, & Sellwood, J. A., 2003, *Bulletin of the American Astronomical Society*, Meeting 201, Vol. 34, p. 1190
- “Numerical Study of Asymmetric Driven Reconnection at Dayside Magnetopause”, Jin, S., **Shen, J.**, Hao, L., & Hu, X., 2000, *Science in China (series E)*, 43, 129
- “A Two-dimensional Numerical Study of Explosive Events in the Solar Atmosphere with Ohmic Heating and Thermal Conduction” Jin, S., Hao, L., & **Shen, J.**, 2000, *Chinese Astronomy and Astrophysics*, 24, 224