

DR. DEBRA MELOY ELMEGREEN

President, American Astronomical Society

Maria Mitchell Professor of Astronomy and Department Chair
Dept. of Physics and Astronomy, Vassar College, Poughkeepsie, NY 12604
phone: (845) 437-7356, email elmegreen@vassar.edu

- **Education**

Ph.D. 1979, A.M. 1977, Harvard University (Astronomy)
Zonta International Amelia Earhart Fellow, 1976-1979
U. of California at Santa Cruz, 1975-1976, Astronomy and Astrophysics
A.B. (cum laude), Princeton University (Astrophysical Sciences), 1975
Westinghouse Science Talent Search Scholarship (8th in USA), 1971-1975

- **Employment**

Maria Mitchell Professor of Astronomy and Department Chair, 1985-present
Dept. of Physics and Astronomy, Vassar College, Poughkeepsie, NY 12604
Visiting Scientist, IBM Watson Research Center Jan. 1982 - Dec. 1988
Yorktown Heights, NY 10598
Carnegie Postdoctoral Fellow, Carnegie Observatories, Pasadena, CA, 1979-1981

- **Recent Grants**

Spitzer Infrared Telescope/NASA grant, 2009-2011, co-I (PI K. Sheth)
STScI/NASA Hubble Space Telescope grant, 2007-2009, co-I (PI G. Meurer)
STScI/NASA Hubble Space Telescope grant, 2006-2008, co-I (PI J. Charlton)

- **Professional activities**

President, American Astronomical Society (2010-present)
National Research Council Board of Physics & Astronomy, member 2010-present
Astronomy & Astrophysics Advisory Committee (Congressionally mandated committee for NASA, NSF, and DOE interagency work), 2010-present
U.S. National Committee of the International Astronomical Union, 2010-present
National Science Foundation Waterman Prize Committee, 2006-09
Space Telescope Science Institute Users Committee, 1998-2005; Chair 2002-05
NSF Oversight Committee for National Optical Astronomy Observatory, 2003-04
International Astronomical Union (Comm. 34: ISM; Comm. 28: Galaxies)
Committee of Visitors to review NSF Astronomy Program, 2002
National Radio Astronomy Observatory Users' Committee, 1993-97

- **Publications**

D. M. Elmegreen, *Galaxies and Galactic Structure*, Prentice Hall, 1998 (ISBN 0-13-779232-8) – undergraduate textbook
Over 200 Research Articles, including:
Elmegreen, D.M., et al. 2009, "Clumpy Galaxies in GEMS and GOODS: Massive Analogs of Local Dwarf Irregulars," *Astrophysical Journal*, 701, 306
Elmegreen, D., et al. 2007, "Resolved Galaxies in the Hubble Ultra Deep Field: Star Formation in Disks at High Redshift," *Astrophysical Journal*, 658, 763
Elmegreen, D., et al. 2006, "Spitzer Space Telescope IRAC and MIPS Observations of the Interacting Galaxies IC 2163 and NGC 2207: Clumpy Emission," *Astrophysical Journal*, 642, 158