

**DR. DEBRA MELOY ELMEGREEN**  
**President, American Astronomical Society**

Maria Mitchell Professor of Astronomy

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- **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, 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., S<sup>4</sup>G team, 2011, “Grand Design and Flocculent Spirals in the Spitzer Survey of Stellar Structure in Galaxies,” *Astrophysical Journal*, 737, 32

- 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