

# Curriculum Vitae

Eve C. Ostriker

Department of Astrophysical Sciences  
Peyton Hall, 4 Ivy Lane  
Princeton University  
Princeton, NJ 08544

*phone:* 609-258-7240  
*fax:* 609-258-8226  
eco@astro.princeton.edu  
<http://www.astro.princeton.edu/~eco>

## **Education**

- 1993 Ph. D. in Physics, University of California at Berkeley
- 1990 M. A. in Physics, University of California at Berkeley
- 1988 visiting student, Department of Theoretical Physics, Oxford University
- 1987 A. B. in Physics, Magna Cum Laude, Harvard College

## **Employment**

- 2012-*present* Professor, Department of Astrophysical Sciences,  
Princeton University, Princeton, NJ
- 2006-2012 Professor, Department of Astronomy,  
University of Maryland, College Park, MD
- 2001-2006 Associate Professor, Department of Astronomy,  
University of Maryland, College Park, MD
- 1996-2001 Assistant Professor, Department of Astronomy,  
University of Maryland, College Park, MD
- 1994-1996 Postdoctoral Fellow, Theoretical Astrophysics Division,  
Harvard-Smithsonian Center for Astrophysics, Cambridge, MA
- 1993-1994 Postdoctoral Researcher, Department of Astronomy,  
University of California, Berkeley, CA

## **Honors, Prizes, and Fellowships**

- 2013 Salpeter Lecturer, Cornell University, Depts. of Physics and Astronomy
- 2012 Visiting Professor, LRA/Ecole Normale Superior, Paris
- 2009 Visiting Miller Professorship, the University of California, Berkeley
- 2009-2010 Fellow, the John Simon Guggenheim Memorial Foundation
- 2003 Visiting Fellow, Princeton University Department of Astrophysics
- 2002 Visiting Fellow, Harvard University/Radcliffe Institute for Advanced Study
- 2000 GRB Semester Research Award (University of Maryland faculty fellowship)
- 1994-1996 Harvard-Smithsonian Center for Astrophysics Postdoctoral Fellow
- 1992-1993 Zonta International Amelia Earhart Fellowship Award
- 1991 Roberts Prize (U. C. Berkeley Depts. of Astronomy and Physics)
- 1989-1992 National Science Foundation Graduate Fellowship
- 1987 Phi Beta Kappa

**Professional Appointments (selected)**National Advisory Committees

1999	Member, Panel on Theory, Computation, and Data Exploration for the NAS/NRC Decadal Survey of Astronomy and Astrophysics
2003-2006	Member, Committee on Astronomy and Astrophysics of the National Academy of Sciences/National Research Council
2004-2007	Member, Mathematical and Physical Sciences Directorate Advisory Committee, National Science Foundation
2008-2011	Member, Kavli Institute for Theoretical Physics Advisory Board
2009	Member, Science Frontiers Panel on Planetary Systems and Star Formation NAS/NRC Decadal Survey of Astronomy and Astrophysics
2012-	Member, Committee on Astronomy and Astrophysics of the National Academy of Sciences/National Research Council

Organizing Committees

1999-2000	Co-Coordinator for the <i>Astrophysical Turbulence</i> workshop, Institute for Theoretical Physics (Santa Barbara, April-June 2000)
2003	Co-Chair, Scientific Organizing Committee for <i>Star Formation in the Interstellar Medium</i> (Lake Tahoe, CA)
2009	Member, Scientific Organizing Committee for <i>SFR@50: Filling the Cosmos with Stars</i> (Abbazia di Spineto, Italy)
2010	Member, Scientific Organizing Committee member for <i>From Stars to Galaxies: Connecting Our Understanding of Star and Galaxy Formation</i> , (University of Florida, Gainesville)
2011	Member, Scientific Organizing Committee member for <i>Star Formation in Galaxies: The Herschel Era</i> (Ringberg, Germany)
2012	Co-Coordinator for KITP Program <i>Gravity's Loyal Opposition: The Physics of Star Formation Feedback</i> (U.C. Santa Barbara, April-July 2014)

**Research**

Interests in theoretical and computational astrophysics, including:

- Formation of stars and planets
- Dynamics and thermodynamics of the interstellar medium
- Structure and evolution of spiral galaxies
- Physics of accretion/outflow systems
- Astrophysical turbulence
- Numerical methods for gas dynamics