

Curriculum Vitae

Eve C. Ostriker

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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

Academic Positions

- 2021-*present* Lyman Spitzer, Jr., Professor of Theoretical Astrophysics
Princeton University, Princeton, NJ
- 2019-*present* Associate Chair, Department of Astrophysical Sciences,
Princeton University, Princeton, NJ
- 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

- 2020 Elected to the American Academy of Arts and Sciences
- 2017- Simons Investigator in Astrophysics
- 2013 Salpeter Lecturer, Cornell University, Depts. of Physics and Astronomy
- 2009 Visiting Miller Professor, 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 Prize 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 Elected to Phi Beta Kappa

Professional Appointments (selected)

National Advisory Committees

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| 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 |
| 2012-2014 | Member, Committee on Astronomy and Astrophysics of the National Academy of Sciences/National Research Council |

Organizing Committees

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| 1998 | Scientific Advisory Committee member for <i>Protostars and Planets IV</i> meeting, July 1998, and review volume |
| 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) |
| 2014 | Co-Coordinator for KITP Program <i>Gravity's Loyal Opposition: The Physics of Star Formation Feedback</i> (U.C. Santa Barbara, April-July 2014) |
| 2020 | Science Advisory Committee member for <i>Protostars and Planets VII</i> meeting, March 2023, and review volume |

Research

Interests in theoretical and computational astrophysics, including:

- Formation of stars and planets
- Stellar feedback and regulation of star formation
- Dynamics and thermodynamics of the interstellar medium
- Structure and evolution of spiral galaxies
- Physics of accretion/outflow systems
- Astrophysical turbulence
- Numerical methods for astrophysical hydrodynamics, magnetohydrodynamics, and radiation hydrodynamics