

# Edward Witten

## Vita

The Institute for Advanced Study  
School of Natural Sciences  
Einstein Drive  
Princeton, New Jersey 08540

### Personal Information

Born August, 1951  
BA Brandeis University, 1971  
MA Princeton University, 1974  
Ph.D. Princeton University, 1976

### Affiliations

Postdoctoral Fellow Harvard University, Sept. 1976 – Aug. 1977  
Junior Fellow, Harvard Society of Fellows, Sept. 1977 – Aug. 1980  
Professor of Physics, Princeton University, Sept. 1980 – Aug. 1987  
Professor, School of Natural Sciences,  
The Institute for Advanced Study, Sept. 1987 –  
Charles Simonyi Professor, 1997 –  
Visiting Professor, Caltech, Sept. 1999 – June 2001

### Honors and Awards

MacArthur Fellowship, 1982  
Fellow, American Academy of Arts and Sciences, 1984  
Fellow, American Physical Society, 1984  
Einstein Medal, Einstein Society of Berne, Switzerland, 1985  
Award for Physical and Mathematical Sciences, New York Academy of Sciences, 1985  
Dirac Medal, International Center for Theoretical Physics, 1985  
Alan T. Waterman Award, National Science Foundation, 1986  
Invited Address, International Congress of Mathematicians, 1986 and 2002  
Colloquium Lecturer, American Mathematical Society, 1987  
Fellow National Academy of Sciences, 1988  
Centennial Lecturer, American Mathematical Society, 1988  
Honorary Ph.D., Brandeis University, 1988  
Fields Medal, International Union of Mathematicians, 1990  
Madison Medal, Princeton University, 1992  
Member of the Board, Americans for Peace Now, Feb. 1992–  
Honorary Ph.D., The Hebrew University of Jerusalem, 1993  
Fellow, American Philosophical Society, 1994  
New Jersey Pride Award, 1996  
Honorary Ph.D., Columbia University, New York, 1996  
Award of the Golden Plate, American Academy of Achievement, May 1997

Klein Medal, Stockholm University, March 1998  
Dannie Heineman Prize, American Institute of Physics, April 1998  
Foreign Member of the Royal Society, 1998  
Gibbs Lecturer, American Mathematical Society, 1998  
Nemmers Prize in Mathematics, Northwestern University, 2000  
Associate Membership of the Academy of Sciences of Paris, April 2000  
Clay Research Award, Clay Mathematics Institute, July 2001  
Shalom Award, Americans for Peace Now, December 2002  
National Medal of Science, November 2003  
Honorary Ph.D., University of Southern California, May 2004  
Honorary Ph.D., Johns Hopkins University, May 2005  
Honorary Ph.D., Harvard University, May 2005  
Premio Pitagora, Crotone, Italy, November 2005  
Harvey Prize, the Technion, Israel, January 2006  
Honorary Doctor of Science, Cambridge University, 2006  
Poincaré Prize, International Association Of Mathematical Physics, 2006  
Pontifical Academy, 2006  
Crafoord Prize in Mathematics, The Royal Swedish Academy of Sciences, 2008  
Honorary Citizen of Padua, Italy, 2009  
Lorentz Medal, Royal Dutch Academy of Sciences, June 2010  
Newton Medal, Institute of Physics, July 2010  
Honorary Ph.D., UNESP, São Paulo, Brazil, February 2011  
Solomon Lefschetz Medal, Mathematical Society of Mexico, October 2011  
Fundamental Physics Prize, The Milner Foundation, July 2012  
Fellow, American Mathematical Society, January 2013  
Kyoto Prize, Inamori Foundation, November 2014  
Medal for Exceptional Achievement in Research, American Physical Society, 2015  
Honorary Fellow, Royal Society of Edinburgh, 2016  
Honorary Doctorate, University of the Chinese Academy of Sciences, 2016  
Einstein Medal, World Cultural Council, 2016  
Honorary Member, London Mathematical Society, 2019  
Fellow, American Association for the Advancement of Science, 2020  
Honorary Doctor of Science, University of Pennsylvania, May 2022

## **Publications**

Author of over 300 scientific papers

Coauthor (with M.B. Green and J.H. Schwarz) of “Superstring Theory,”  
Volumes 1 and 2, Cambridge University Press, 1987