

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 – June 2022; Charles Simonyi Professor, 1997 – June 2022
Visiting Professor, Caltech, Sept. 1999 – June 2001
Professor Emeritus, School of Natural Sciences, The Institute for Advanced Study,
June 2022 –

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
Feza Gürsey Honorary Member, Science Academy-Türkiye, Bilim Akademisi, May 2023
Benjamin Lee Professorship, Asia Pacific Center for Theoretical Physics, October 2023
Hamburg Prize in Theoretical Physics, November 2023
Basic Science Lifetime Award, International Congress of Basic Science, Beijing, July 2024

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