

**Barry C Barish**  
**Linde Professor of Physics, *Emeritus***  
**California Institute of Technology**  
**Pasadena, CA 91125 USA**

**Academic Positions**

Linde Professor of Physics, Emeritus	California Institute of Technology - 2005 to present
Linde Professor of Physics	California Institute of Technology - 1991-2005
Professor of Physics	California Institute of Technology - 1972-1991
Associate Professor	California Institute of Technology - 1969-1972
Assistant Professor	California Institute of Technology - 1966-1969
Research Fellow	California Institute of Technology - 1963-1966
Research Fellow	University of California, Berkeley - 1962-1963

**Education**

Ph.D. University of California, Berkeley 1962  
BA University of California, Berkeley 1957

**Awards and Prizes**

Nobel Prize in Physics 2017  
Fudan-Zhongzhi Science Award – Shanghai, China 2017  
King of Spain for Science and Technology 2017  
Giuseppe and Vanna Cocconi Prize; European Physical Society 2017  
Henry Draper Medal, National Academy of Sciences 2017  
Smithsonian Magazine's American Ingenuity Award - Physical Sciences 2016  
Enrico Fermi Prize; Italian Physical Society 2016  
Titan of Physics Award - On the Shoulders of Giants; 2016 World Science Festival NYC  
Elected Member, American Academy of Arts and Sciences (AAAS) 2005  
Presidential Appointee (Bush), National Science Board (NSB) 2003-2010  
Elected Member, National Academy of Science (NAS) 2002  
Fellow, American Association for the Advancement of Science (AAAS)  
Klopsteg Award for 2002, American Association of Teachers (AAPT)  
Fellow, American Physical Society (APS)  
Maxine and Ronald Linde Professorship – California Institute of Technology

**Honorary Doctoral Degrees**

University of Glasgow – Glasgow, Scotland 2013  
University of Florida – Gainesville, Florida 2007  
University of Bologna – Bologna, Italy 2006

## **Research Positions and Major Committees**

*Laser Interferometer Gravitational-wave Observatory (LIGO) 1994 - present; Director, LIGO Laboratory 1997-2006; Senior Scientist 2006 to present.*

*International Linear Collider - Global Design Effort Director 2005 - 2012*

*Caltech High Energy Physics Group Principal Investigator 1984-96*

*NCR Board of Physics and Astronomy - Neutrino Facilities Assessment Committee Chair 2002 Report "Neutrinos & Beyond"*

*High Energy Physics Advisory Panel (HEPAP) to DoE and NSF Co-chair of Subpanel a "Long Range Plan for the U.S. High Energy Physics (HEP) program" 2001-2002*

*IUPAP U.S. Liaison Committee - Chair 2002-2005*

*IUPAP Panel on Nuclear, Particle and Gravitational-Wave Astrophysics (PaNAGIC) Member 1998-2005*

*IUPAP Commission on Particles and Fields (C-11) 1990-1999*