

## ALEXEI V. FILIPPENKO — CURRICULUM VITAE

Department of Astronomy, University of California, Berkeley, CA 94720-3411  
(510) 642-5275 (642-3411 fax); alex@astro.berkeley.edu

### Education

Ph.D., Astronomy, California Institute of Technology May, 1984  
B.A., Physics, University of California, Santa Barbara June, 1979

### Employment

Richard & Rhoda Goldman Distinguished Professor in the Physical Sciences, UCB 2009 – Pres.  
Professor of Astronomy, UC Berkeley 1992 – Pres.  
Associate Professor of Astronomy, UC Berkeley 1988 – 1992  
Assistant Professor of Astronomy, UC Berkeley 1986 – 1988  
Miller Fellow for Basic Research in Science, UC Berkeley 1984 – 1986  
Research Fellow in Astronomy, California Institute of Technology 1984

### Fellowships, Honors, Appointments

Distinguished Alumni Award, California Institute of Technology 2017  
Senior Fellow, Miller Institute for Basic Research in Science, UCB 2017 – Pres.  
Inducted into the Inaugural Dos Pueblos High School 50-Year Hall of Fame 2016  
Elected Member, American Academy of Arts and Sciences 2015  
Corecipient, Breakthrough Prize in Fundamental Physics (for the accelerating Universe) 2015  
Inducted into the Boys & Girls Clubs of America Hall of Fame 2014  
Chosen for the Blue Angels “Key Influencer Program” 2012  
Member of both teams whose leaders received the 2011 Nobel Prize in Physics (accel. Univ.) 2011  
Richard H. Emmons Award (for undergraduate teaching), Astronomical Society of the Pacific 2010  
Elected Member, National Academy of Sciences 2009  
Corecipient, Gruber Cosmology Prize (for discovering the accelerating Universe) 2007  
Richtmyer Memorial Award, American Association of Physics Teachers 2007  
Carnegie/CASE National Professor of the Year, Doctoral and Research Institutions 2006  
The world’s most highly cited astronomer in 10-year intervals ending 2003, 04, 05, 06, 07, 08  
(e.g., <http://www.in-cites.com/top/2007/fourth07-spa.html>)  
Carl Sagan Prize for Science Popularization 2004  
UC Berkeley Distinguished Research Mentoring of Undergraduates Award 2002  
Phi Beta Kappa Visiting Scholar 2002  
Texty Excellence Award for “The Cosmos,” Text and Academic Authors Association 2001  
Guggenheim Foundation Fellowship 2001  
Elected Fellow, California Academy of Sciences 1999  
The “Top Science Breakthrough of 1998,” *Science* magazine (for the accelerating Universe) 1998  
Robert M. Petrie Prize, Canadian Astronomical Society 1997  
Miller Research Professorship, UC Berkeley 1996, 2005  
Voted “Best Professor at UC Berkeley” by UCB students 1995, 2001, 03, 04, 06, 08, 10, 11, 12  
Newton Lacy Pierce Prize, American Astronomical Society 1992  
Donald Sterling Noyce Prize for Excellence in Undergraduate Teaching, UC Berkeley 1991  
Distinguished Teaching Award, UC Berkeley 1991  
Senior Member, Center for Particle Astrophysics, UC Berkeley 1989 – 1999  
NSF Presidential Young Investigator 1989 – 1994  
Distinguished Alumni Award, UC Santa Barbara 1988  
Fannie and John Hertz Foundation Fellowship (held at Caltech) 1979 – 1984  
Nordsieck Award (The Outstanding Graduate in Physics), UC Santa Barbara 1979  
President’s Undergraduate Research Fellowship, UC Santa Barbara 1978 – 1979  
Regents Scholar, UCSB; Dean’s List, Highest Honors, UC Santa Barbara 1975 – 1979  
First Prize, “Prize Examination” in Chemistry, UC Santa Barbara 1975  
The Outstanding Graduating Senior, Dos Pueblos High School, Goleta, CA 1975

### Research Interests

Supernovae, gamma-ray bursts, active galaxies, black holes, cosmology, robotic telescopes

### Publications

About 850 scientific publications, plus more than 1700 abstracts & telegrams;  
> 94,000 citations; *h*-index = 129; 2 books edited; 1 textbook (4 editions); 5 video courses.