

| Last Name | First Name | Status | Award Name | Year | Department |
|--------------|------------------|----------|---------------------------------------|------|--|
| Adams | Robert McCormick | Current | American Academy of Arts and Sciences | 1967 | Anthropology |
| Albright | Thomas D | Current | American Academy of Arts and Sciences | 2003 | Psychology |
| Azam | Farooq | Current | American Academy of Arts and Sciences | 2016 | SIO Department |
| Bellugi | Ursula | Current | American Academy of Arts and Sciences | 2007 | Psychology |
| Cartwright | Nancy | Current | American Academy of Arts and Sciences | 2001 | Philosophy |
| Chien | Shu | Current | American Academy of Arts and Sciences | 2006 | Bioengineering |
| Chory | Joanne | Current | American Academy of Arts and Sciences | 1998 | Section of Cell and Developmental Biology |
| Cleveland | Don W. | Current | American Academy of Arts and Sciences | 2006 | Cellular and Molecular Medicine |
| Dixon | Jack | Current | American Academy of Arts and Sciences | 1997 | Pharmacology |
| Elman | Jeffrey | Current | American Academy of Arts and Sciences | 2016 | Cognitive Science |
| Evans | Ronald M | Current | American Academy of Arts and Sciences | 1997 | Cellular and Molecular Medicine |
| Farquhar | Marilyn G. | Current | American Academy of Arts and Sciences | 1991 | Cellular and Molecular Medicine |
| Ferro-novick | Susan | Current | American Academy of Arts and Sciences | 2012 | Cellular and Molecular Medicine |
| Gage | Fred | Current | American Academy of Arts and Sciences | 2005 | Neurosciences |
| Glass | Christopher | Current | American Academy of Arts and Sciences | 2014 | Cellular and Molecular Medicine |
| Goldstein | Lawrence | Current | American Academy of Arts and Sciences | 2008 | Cellular and Molecular Medicine |
| Gordon | Roger H. | Current | American Academy of Arts and Sciences | 2008 | Economics |
| Guan | Kun-Liang | Current | American Academy of Arts and Sciences | 2011 | Pharmacology |
| Hillyard | Steven A. | Current | American Academy of Arts and Sciences | 2012 | Neurosciences |
| Hunter | Anthony R. | Current | American Academy of Arts and Sciences | 1992 | Section of Molecular Biology |
| Kadonaga | James T. | Current | American Academy of Arts and Sciences | 2017 | Section of Molecular Biology |
| Karten | Harvey J. | Current | American Academy of Arts and Sciences | 2008 | Neurosciences |
| Khosla | Pradeep | Current | American Academy of Arts and Sciences | 2017 | Chancellor |
| Kleinfeld | David | Current | American Academy of Arts and Sciences | 2015 | Physics |
| Kolodner | Richard | Current | American Academy of Arts and Sciences | 2008 | Medicine |
| Kubiak | Clifford P. | Current | American Academy of Arts and Sciences | 2014 | Chemistry & Biochemistry |
| Lake | David A. | Current | American Academy of Arts and Sciences | 2006 | Political Science |
| Lande | Russell S. | Current | American Academy of Arts and Sciences | 1997 | Division of Biological Sciences |
| Levy | Thomas | Current | American Academy of Arts and Sciences | 2008 | Anthropology |
| Machina | Mark | Current | American Academy of Arts and Sciences | 2002 | Economics |
| Markowitz | Harry | Current | American Academy of Arts and Sciences | 1987 | Rady School of Management |
| Mccammon | James A. | Current | American Academy of Arts and Sciences | 2006 | Chemistry & Biochemistry |
| McGinnis | William | Current | American Academy of Arts and Sciences | 2010 | Section of Cell and Developmental Biology |
| Nicolaou | Kyriacos C. | Current | American Academy of Arts and Sciences | 1993 | Chemistry & Biochemistry |
| Norman | Michael | Current | American Academy of Arts and Sciences | 2005 | Physics |
| Novick | Peter | Current | American Academy of Arts and Sciences | 2006 | Cellular and Molecular Medicine |
| Olefsky | Jerrold M. | Current | American Academy of Arts and Sciences | 2002 | Medicine |
| Prather | Kimberly | Current | American Academy of Arts and Sciences | 2010 | SIO Department |
| Ramanathan | Veerabhadran | Current | American Academy of Arts and Sciences | 1995 | Center for Atmospheric Studies |
| Ramey | Valerie A. | Current | American Academy of Arts and Sciences | 2017 | Economics |
| Rosenfeld | Michael G. | Current | American Academy of Arts and Sciences | 1991 | Medicine |
| Sandwell | David T. | Current | American Academy of Arts and Sciences | 2008 | Institute of Geophysics and Planetary Physics |
| Sejnowski | Terrence | Current | American Academy of Arts and Sciences | 2013 | Section of Neurobiology |
| Smarr | Larry | Current | American Academy of Arts and Sciences | 1994 | Qualcomm Institute for Telecommunications and Information Technology |
| Sobel | Joel | Current | American Academy of Arts and Sciences | 2010 | Economics |
| Spitzer | Nicholas | Current | American Academy of Arts and Sciences | 2002 | Section of Neurobiology |
| Squire | Larry R. | Current | American Academy of Arts and Sciences | 1996 | Psychiatry |
| Talley | Lynne | Current | American Academy of Arts and Sciences | 2003 | SIO Department |
| Tauxe | Lisa | Current | American Academy of Arts and Sciences | 2016 | SIO Department |
| Taylor | Susan | Current | American Academy of Arts and Sciences | 1992 | Chemistry & Biochemistry |
| Thiemens | Mark H. | Current | American Academy of Arts and Sciences | 2002 | Chemistry & Biochemistry |
| Tsien | Roger Y. | Current | American Academy of Arts and Sciences | 1998 | Chemistry & Biochemistry |
| Varki | Ajit P. | Current | American Academy of Arts and Sciences | 2005 | Medicine |
| Venter | Craig J. | Current | American Academy of Arts and Sciences | 2001 | Pharmacology |
| Verma | Inder | Current | American Academy of Arts and Sciences | 2000 | Section of Molecular Biology |
| Voytek | Bradley | Current | American Academy of Arts and Sciences | | |
| Wahl | Geoffrey | Current | American Academy of Arts and Sciences | 2014 | Section of Molecular Biology |
| Wang | Jean Yin Jen | Current | American Academy of Arts and Sciences | 2011 | Medicine |
| Williams | Forman A. | Current | American Academy of Arts and Sciences | 2010 | Mechanical and Aerospace Engineering |
| Williams | Ruth J. | Current | American Academy of Arts and Sciences | 2009 | Mathematics |
| Woolard | Kathryn A. | Current | American Academy of Arts and Sciences | 2012 | Anthropology |
| Yanofsky | Martin F. | Current | American Academy of Arts and Sciences | 2009 | Section of Cell and Developmental Biology |
| Atkinson | Richard C. | Emeritus | American Academy of Arts and Sciences | 1974 | Psychology |
| Backus | George E. | Emeritus | American Academy of Arts and Sciences | 1962 | Institute of Geophysics and Planetary Physics |
| Bailey | Frederick | Emeritus | American Academy of Arts and Sciences | 1976 | Anthropology |
| Benirschke | Kurt | Emeritus | American Academy of Arts and Sciences | 1994 | Pathology |
| Burbidge | E. Margaret | Emeritus | American Academy of Arts and Sciences | 1969 | Center for Astrophysics & Space Science |
| Carson | Dennis A. | Emeritus | American Academy of Arts and Sciences | 1995 | Medicine |
| Churchland | Patricia Smith | Emeritus | American Academy of Arts and Sciences | 2015 | Philosophy |
| Cicourel | Aaron V. | Emeritus | American Academy of Arts and Sciences | 1992 | Cognitive Science |
| Cox | Gary W. | Emeritus | American Academy of Arts and Sciences | 1996 | Political Science |
| Crawford | Vincent P. | Emeritus | American Academy of Arts and Sciences | 2003 | Economics |
| Crutzen | Paul Josef | Emeritus | American Academy of Arts and Sciences | 1986 | SIO Department |
| D'Andrade | Roy | Emeritus | American Academy of Arts and Sciences | 1990 | Anthropology |
| Davis | Russ E. | Emeritus | American Academy of Arts and Sciences | 2000 | Physical Oceanography Research Division |
| Doolittle | Russell F. | Emeritus | American Academy of Arts and Sciences | 1985 | Section of Molecular Biology |
| Dynes | Robert | Emeritus | American Academy of Arts and Sciences | 1994 | Physics |
| Engle | Robert F. | Emeritus | American Academy of Arts and Sciences | 1995 | Economics |
| Fehér | George | Emeritus | American Academy of Arts and Sciences | 1977 | Physics |
| Fisk | Zachary | Emeritus | American Academy of Arts and Sciences | 1995 | Physics |
| Fox | Marye Anne | Emeritus | American Academy of Arts and Sciences | 1994 | Chemistry & Biochemistry |
| Freedman | Michael H. | Emeritus | American Academy of Arts and Sciences | 1985 | Mathematics |

| | | | | | |
|--------------|----------------------|----------|---------------------------------------|------|---|
| Geiduschek | E. Peter | Emeritus | American Academy of Arts and Sciences | 1975 | Section of Molecular Biology |
| Gill | Gordon N. | Emeritus | American Academy of Arts and Sciences | 1995 | Medicine |
| Gourevitch | Peter A. | Emeritus | American Academy of Arts and Sciences | 1995 | School of Global Policy and Strategy |
| Groves | Theodore | Emeritus | American Academy of Arts and Sciences | 2002 | Economics |
| Helinski | Donald R. | Emeritus | American Academy of Arts and Sciences | 1987 | Section of Molecular Biology |
| Jackson | Jeremy Bradford Cook | Emeritus | American Academy of Arts and Sciences | 2001 | Geosciences Research Division |
| Kennel | Charles Frederick | Emeritus | American Academy of Arts and Sciences | 1999 | Director's Office [SIO] |
| Lijphart | Arend | Emeritus | American Academy of Arts and Sciences | 1989 | Political Science |
| Lindsley Jr. | Dan L. | Emeritus | American Academy of Arts and Sciences | 1976 | Section of Cell and Developmental Biology |
| Mandler | Jean Matter | Emeritus | American Academy of Arts and Sciences | 1996 | Cognitive Science |
| Munk | Walter H. | Emeritus | American Academy of Arts and Sciences | 1957 | Institute of Geophysics and Planetary Physics |
| Norman | Donald | Emeritus | American Academy of Arts and Sciences | 1991 | Cognitive Science |
| Onuchic | Jose N. | Emeritus | American Academy of Arts and Sciences | 2009 | Physics |
| Penner | Stanford | Emeritus | American Academy of Arts and Sciences | 1969 | Mechanical and Aerospace Engineering |
| Perlmutter | David | Emeritus | American Academy of Arts and Sciences | 2012 | Linguistics |
| Poole | Keith T. | Emeritus | American Academy of Arts and Sciences | 2006 | Political Science |
| Rapaport | Samuel I. | Emeritus | American Academy of Arts and Sciences | 2008 | Medicine |
| Ringgold | Faith | Emeritus | American Academy of Arts and Sciences | 2017 | Visual Arts |
| Rothschild | Linda Preiss | Emeritus | American Academy of Arts and Sciences | 2005 | Mathematics |
| Salmon | Richard L. | Emeritus | American Academy of Arts and Sciences | 1996 | Physical Oceanography Research Division |
| Scheffler | Immo Erich | Emeritus | American Academy of Arts and Sciences | 2008 | Section of Molecular Biology |
| Singer | S. Jonathan | Emeritus | American Academy of Arts and Sciences | 1971 | Section of Cell and Developmental Biology |
| Stark | Harold M. | Emeritus | American Academy of Arts and Sciences | 1983 | Mathematics |
| Steinberg | Daniel | Emeritus | American Academy of Arts and Sciences | 1986 | Medicine |
| Suhl | Harry | Emeritus | American Academy of Arts and Sciences | 1996 | Physics |
| Terry | Robert D. | Emeritus | American Academy of Arts and Sciences | 1996 | Neurosciences |
| Wallach | Nolan R. | Emeritus | American Academy of Arts and Sciences | 2004 | Mathematics |
| West | John B. | Emeritus | American Academy of Arts and Sciences | 2001 | Medicine |