

DISTINGUISHED FACULTY



Cornell University

FACULTY IN THE DISTINGUISHED NATIONAL ACADEMIES

AMERICAN PHILOSOPHICAL SOCIETY

AMERICAN ACADEMY OF ARTS AND SCIENCES

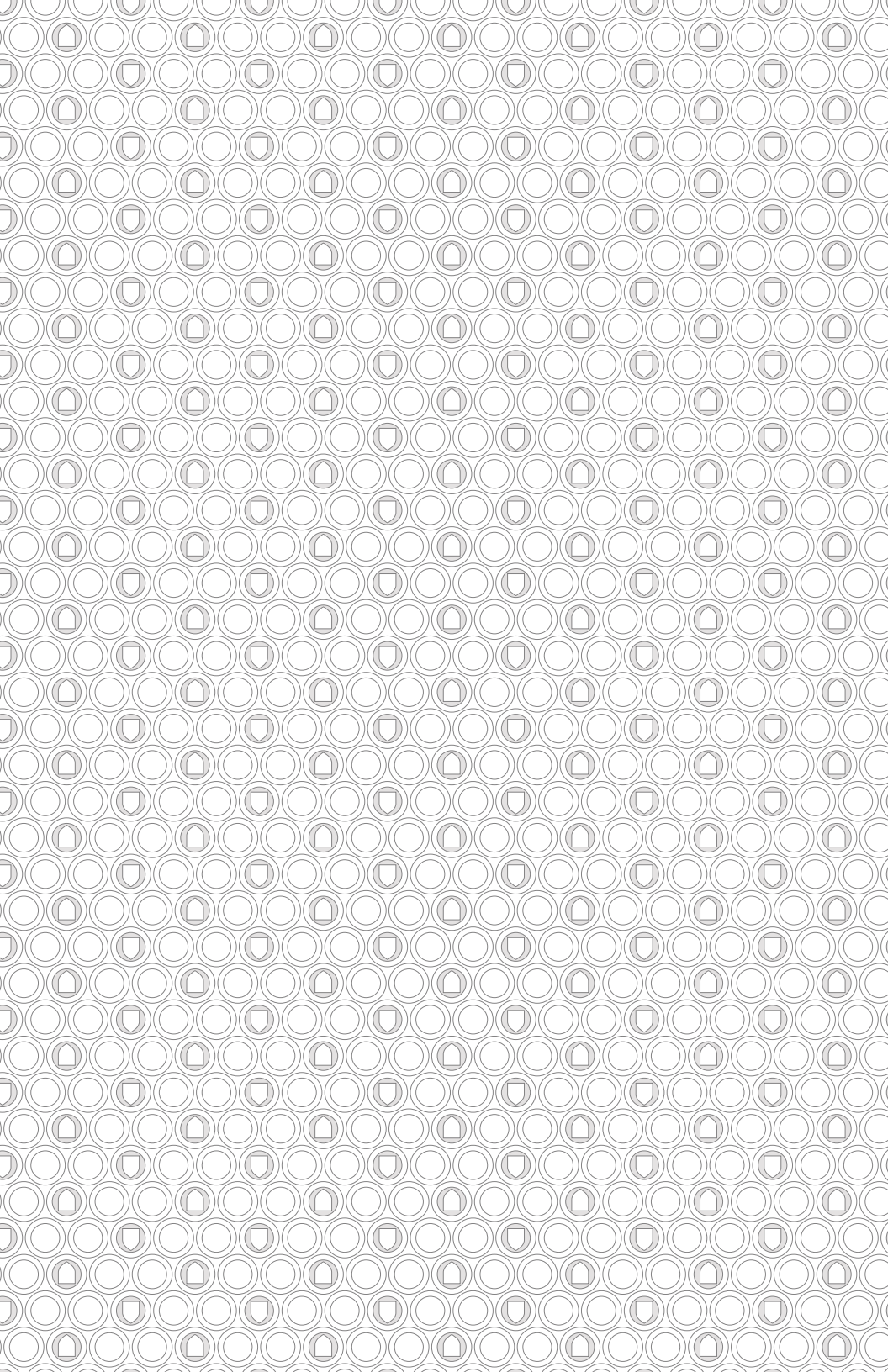
NATIONAL ACADEMY OF SCIENCES

NATIONAL ACADEMY OF ENGINEERING

NATIONAL ACADEMY OF MEDICINE

AMERICAN ACADEMY OF ARTS AND LETTERS

OCTOBER 2015





A GREAT UNIVERSITY'S excellence has many components, but the most fundamental is the excellence of its faculty. Constantly leading and inspiring new generations, they shape the currents of thought and investigation that are the essence of the academic enterprise.

The quality of Cornell University's professors is apparent in the sheer numbers of the women and men who have been elected by their peers to the most distinguished national academies. Membership in one or more of the academies is among the most prestigious honors a faculty member can attain.

The accomplishments of these superb researchers and teachers are diverse, but all have achieved prominence through dedication to the highest standards of their fields. On behalf of the entire Cornell community, I congratulate the members of the distinguished national academies on their scientific and scholarly achievements and their commitment to our university.

Elizabeth Garrett
President

NEWLY ELECTED MEMBERS, 2015

American Philosophical Society

N. David Mermin* PHYSICS

American Academy of Arts and Sciences

Joseph Y. Halpern COMPUTER SCIENCE

Paul L. McEuen PHYSICS

Karl J. Niklas SCHOOL OF INTEGRATIVE PLANT SCIENCE

National Academy of Sciences

John T. Lis MOLECULAR BIOLOGY AND GENETICS

National Academy of Engineering

Philip Li-Fan Liu CIVIL AND ENVIRONMENTAL ENGINEERING

Michael J. Todd OPERATIONS RESEARCH AND INFORMATION
ENGINEERING

National Academy of Medicine

Valerie F. Reyna HUMAN DEVELOPMENT

American Philosophical Society

- Benedict R. Anderson* GOVERNMENT (2009)
Jonathan D. Culler ENGLISH; COMPARATIVE LITERATURE (2006)
Michael E. Fisher* CHEMISTRY AND CHEMICAL BIOLOGY; PHYSICS;
MATHEMATICS (1993)
David A. Hamburg PSYCHIATRY, WEILL CORNELL MEDICINE (1983)
Roald Hoffmann* CHEMISTRY AND CHEMICAL BIOLOGY (1984)
Peter J. Katzenstein GOVERNMENT (2009)
Paul A. Marks MEDICINE, WEILL CORNELL MEDICINE (2007)
Jerrold Meinwald* CHEMISTRY AND CHEMICAL BIOLOGY (1987)
Mary Beth Norton HISTORY; AMERICAN STUDIES (2010)
Gregory A. Petsko NEUROLOGY AND NEUROSCIENCE, WEILL CORNELL
MEDICINE (2010)
Frank H. T. Rhodes* EARTH AND ATMOSPHERIC SCIENCES;
PRESIDENT EMERITUS (1991)
Brian Tierney* HISTORY (1990)
Harold E. Varmus MEDICINE, WEILL CORNELL MEDICINE (1994)
Benjamin Widom* CHEMISTRY AND CHEMICAL BIOLOGY (1993)

American Academy of Arts and Sciences

- Héctor D. Abruña CHEMISTRY AND CHEMICAL BIOLOGY (2007)
Benedict R. Anderson* GOVERNMENT (1994)
Barbara A. Baird CHEMISTRY AND CHEMICAL BIOLOGY (2008)
Jeremiah A. Barondess* MEDICINE; PUBLIC HEALTH, WEILL CORNELL
MEDICINE (2000)
Malcolm Bilson* MUSIC (1994)
Robert A. Buhrman APPLIED AND ENGINEERING PHYSICS; SENIOR VICE
PROVOST FOR RESEARCH; VICE PRESIDENT FOR
TECHNOLOGY TRANSFER, INTELLECTUAL PROPERTY,
AND RESEARCH POLICY (2006)
Valerie Jean Bunce GOVERNMENT (2010)
Lewis C. Cantley MEDICINE, WEILL CORNELL MEDICINE (1999)

* Emeritus

Year elected appears in parenthesis

Geoffrey W. Coates CHEMISTRY AND CHEMICAL BIOLOGY (2011)
 Roger C. Cramton* LAW SCHOOL (1977)
 Jonathan D. Culler ENGLISH; COMPARATIVE LITERATURE (2001)
 Francis J. DiSalvo CHEMISTRY AND CHEMICAL BIOLOGY (1992)
 Richard T. Durrett MATHEMATICS; STATISTICAL SCIENCES (2002)
 Stephen T. Emlen* NEUROBIOLOGY AND BEHAVIOR (2007)
 Scott D. Emr MOLECULAR BIOLOGY AND GENETICS (2004)
 Deborah Estrin COMPUTER SCIENCE, CORNELL NYC TECH; PUBLIC
 HEALTH, WEILL CORNELL MEDICINE (2007)
 Joseph J. Fins MEDICAL ETHICS; MEDICINE; PUBLIC HEALTH;
 PSYCHIATRY, WEILL CORNELL MEDICINE (2012)
 Michael E. Fisher* CHEMISTRY AND CHEMICAL BIOLOGY; PHYSICS;
 MATHEMATICS (1979)
 Jack H. Freed CHEMISTRY AND CHEMICAL BIOLOGY (1994)
 W. Kent Fuchs* ELECTRICAL AND COMPUTER ENGINEERING (2014)
 Thomas D. Gilovich PSYCHOLOGY (2012)
 Laurie H. Glimcher MEDICINE; DEAN, WEILL CORNELL MEDICINE (1996)
 Kurt Gottfried* PHYSICS (1982)
 Antonio M. Gotto Jr. MEDICINE; DEAN EMERITUS, WEILL CORNELL
 MEDICINE (2001)
 Harry Walter Greene ECOLOGY AND EVOLUTIONARY BIOLOGY (2014)
 Leonard Gross* MATHEMATICS (2004)
 Sol M. Gruner PHYSICS (2011)
 John M. Guckenheimer MATHEMATICS (2008)
 David A. Hamburg PSYCHIATRY, WEILL CORNELL MEDICINE (1969)
 Juris Hartmanis* COMPUTER SCIENCE (1992)
 Martha P. Haynes ASTRONOMY (1999)
 Roald Hoffmann* CHEMISTRY AND CHEMICAL BIOLOGY (1971)
 Peter U. Hohendahl* GERMAN STUDIES (2003)
 John E. Hopcroft COMPUTER SCIENCE (1987)
 Paul L. Houston* CHEMISTRY AND CHEMICAL BIOLOGY (2003)
 Ronald Raymond Hoy NEUROBIOLOGY AND BEHAVIOR (2010)
 Isabel V. Hull HISTORY (2007)
 Terence H. Irwin PHILOSOPHY (1995)

Andre T. Jagendorf* PLANT BIOLOGY (1972)
 Peter J. Katzenstein GOVERNMENT (1987)
 Kenneth J. Kemphues MOLECULAR BIOLOGY AND GENETICS (2013)
 Harry Kesten* MATHEMATICS; STATISTICAL SCIENCES (1999)
 Jon M. Kleinberg COMPUTER SCIENCE; INFORMATION SCIENCE (2007)
 Gary A. Koretzky DEAN, WEILL CORNELL GRADUATE SCHOOL OF MEDICAL
 SCIENCES; MEDICINE, WEILL CORNELL MEDICINE (2012)
 Isaac Kramnick* GOVERNMENT; AMERICAN STUDIES (1997)
 Carol L. Krumhansl PSYCHOLOGY (2008)
 Dominick C. LaCapra* HISTORY; COMPARATIVE LITERATURE (2006)
 Walter F. LaFeber* HISTORY (1987)
 David M. Lee* PHYSICS (1990)
 Sidney Leibovich* MECHANICAL AND AEROSPACE ENGINEERING (1992)
 G. Peter Lepage PHYSICS (2008)
 John T. Lis MOLECULAR BIOLOGY AND GENETICS (2013)
 Theodore J. Lowi* GOVERNMENT; AMERICAN STUDIES (1977)
 Alison Lurie* ENGLISH (2005)
 Fred W. McLafferty* CHEMISTRY AND CHEMICAL BIOLOGY (1985)
 Jerrold Meinwald* CHEMISTRY AND CHEMICAL BIOLOGY (1970)
 N. David Mermin* PHYSICS (1988)
 Malden C. Nesheim* NUTRITIONAL SCIENCES (1995)
 Mary Beth Norton HISTORY; AMERICAN STUDIES (1999)
 Yuri F. Orlov* PHYSICS (1993)
 Gregory A. Petsko NEUROLOGY AND NEUROSCIENCE, WEILL CORNELL
 MEDICINE (2002)
 Stephen B. Pope MECHANICAL AND AEROSPACE ENGINEERING (2007)
 Jerome B. Posner NEUROLOGY AND NEUROSCIENCE, WEILL CORNELL
 MEDICINE (2003)
 Michael I. Posner PSYCHIATRY, WEILL CORNELL MEDICINE (1986)
 Hunter R. Rawlings III* CLASSICS; PRESIDENT EMERITUS (1995)
 Frank H. T. Rhodes* EARTH AND ATMOSPHERIC SCIENCES;
 PRESIDENT EMERITUS (1989)
 Jeffrey W. Roberts MOLECULAR BIOLOGY AND GENETICS (1995)
 Wendell L. Roelofs* ENTOMOLOGY, CORNELL GENEVA CAMPUS (1986)

Laurent P. Saloff-Coste MATHEMATICS (2011)
 Harold A. Scheraga* CHEMISTRY AND CHEMICAL BIOLOGY (1967)
 Thomas D. Seeley NEUROBIOLOGY AND BEHAVIOR (2001)
 Sydney S. Shoemaker* PHILOSOPHY (1996)
 Michael L. Shuler BIOMEDICAL ENGINEERING; CHEMICAL
 AND BIOMOLECULAR ENGINEERING (1996)
 Roberto Sierra MUSIC (2010)
 David J. Skorton* PRESIDENT EMERITUS (2011)
 Steven W. Squyres ASTRONOMY (2005)
 Robert J. Sternberg HUMAN DEVELOPMENT (1995)
 Rosemary A. Stevens PSYCHIATRY, WEILL CORNELL MEDICINE (1992)
 Steven H. Strogatz MATHEMATICS; MECHANICAL AND AEROSPACE
 ENGINEERING (2012)
 Steven E. Stucky* MUSIC (2006)
 Éva Tardos COMPUTER SCIENCE (2001)
 Sidney G. Tarrow* GOVERNMENT (1992)
 Saul A. Teukolsky PHYSICS (1996)
 Brian Tierney* HISTORY (1980)
 Maury Tigner* PHYSICS (1991)
 Harold E. Varmus MEDICINE, WEILL CORNELL MEDICINE (1998)
 Sandra L. Vehrencamp* NEUROBIOLOGY AND BEHAVIOR; LABORATORY
 OF ORNITHOLOGY (2013)
 Watt W. Webb* APPLIED AND ENGINEERING PHYSICS (1997)
 James Webster MUSIC (1999)
 Benjamin Widom* CHEMISTRY AND CHEMICAL BIOLOGY (1979)
 Peter T. Wolczanski CHEMISTRY AND CHEMICAL BIOLOGY (1999)
 Neal A. Zaslaw MUSIC (1998)

National Academy of Sciences

Neil W. Ashcroft* PHYSICS (1997)
 Dale E. Bauman* ANIMAL SCIENCE (1988)
 Edward S. Buckler PLANT BREEDING AND GENETICS; USDA
 AGRICULTURAL RESEARCH STATION (2014)

Lewis C. Cantley..... MEDICINE, WEILL CORNELL MEDICINE (2001)
 Andrew G. Clark..... MOLECULAR BIOLOGY AND GENETICS (2012)
 J. C. Séamus Davis..... PHYSICS (2010)
 Francis J. DiSalvo CHEMISTRY AND CHEMICAL BIOLOGY (1991)
 Richard T. Durrett MATHEMATICS; STATISTICAL SCIENCES (2007)
 Scott D. Emr MOLECULAR BIOLOGY AND GENETICS (2007)
 Michael E. Fisher* CHEMISTRY AND CHEMICAL BIOLOGY; PHYSICS;
 MATHEMATICS (1983)
 Laurie H. Glimcher MEDICINE; DEAN, WEILL CORNELL MEDICINE (2002)
 David A. Hamburg PSYCHIATRY, WEILL CORNELL MEDICINE (1998)
 Juris Hartmanis* COMPUTER SCIENCE (2013)
 Martha P. Haynes ASTRONOMY (2000)
 Roald Hoffmann* CHEMISTRY AND CHEMICAL BIOLOGY (1972)
 John E. Hopcroft COMPUTER SCIENCE (2009)
 Andre T. Jagendorf* PLANT BIOLOGY (1980)
 Harry Kesten* MATHEMATICS; STATISTICAL SCIENCES (1983)
 Toichiro Kinoshita* PHYSICS (1991)
 Jon M. Kleinberg COMPUTER SCIENCE (2011)
 David M. Lee* PHYSICS (1991)
 Jonathan Lunine ASTRONOMY (2010)
 Paul L. McEuen PHYSICS (2011)
 Fred W. McLafferty* CHEMISTRY AND CHEMICAL BIOLOGY (1982)
 Jerrold Meinwald* CHEMISTRY AND CHEMICAL BIOLOGY (1969)
 N. David Mermin* PHYSICS (1991)
 June B. Nasrallah PLANT BIOLOGY (2003)
 Carl F. Nathan MICROBIOLOGY AND IMMUNOLOGY,
 WEILL CORNELL MEDICINE (2011)
 Gregory A. Petsko NEUROLOGY AND NEUROSCIENCE, WEILL CORNELL
 MEDICINE (1995)
 Prabhu L. Pingali APPLIED ECONOMICS AND MANAGEMENT (2007)
 Robert O. Pohl* PHYSICS (1999)
 Michael I. Posner PSYCHIATRY, WEILL CORNELL MEDICINE (1981)
 John D. Reppy* PHYSICS (1988)
 Jeffrey W. Roberts MOLECULAR BIOLOGY AND GENETICS (1999)

Wendell L. Roelofs*	ENTOMOLOGY, CORNELL GENEVA CAMPUS (1985)
Harold A. Scheraga*	CHEMISTRY AND CHEMICAL BIOLOGY (1966)
Eric D. Siggia	PHYSICS (2009)
Steven D. Tanksley*	PLANT BREEDING (1995)
Éva Tardos	COMPUTER SCIENCE; INFORMATION SCIENCE (2013)
Saul A. Teukolsky	PHYSICS (2003)
Maury Tigner*	PHYSICS (1993)
Harold E. Varmus	MEDICINE, WEILL CORNELL MEDICINE (1984)
Robert H. Wasserman*	BIOMEDICAL SCIENCES (1980)
Watt W. Webb*	APPLIED AND ENGINEERING PHYSICS (1995)
Benjamin Widom*	CHEMISTRY AND CHEMICAL BIOLOGY (1974)

National Academy of Engineering

Toby Berger*	ELECTRICAL AND COMPUTER ENGINEERING (2006)
Wilfried H. Brutsaert*	CIVIL AND ENVIRONMENTAL ENGINEERING (1994)
Richard W. Conway*	JOHNSON GRADUATE SCHOOL OF MANAGEMENT (1992)
Harold G. Craighead	APPLIED AND ENGINEERING PHYSICS (2007)
Deborah Estrin	COMPUTER SCIENCE, CORNELL NYC TECH; PUBLIC HEALTH, WEILL CORNELL MEDICINE (2009)
Donald P. Greenberg	ARCHITECTURE; JOHNSON GRADUATE SCHOOL OF MANAGEMENT (1991)
Juris Hartmanis*	COMPUTER SCIENCE (1989)
John E. Hopcroft	COMPUTER SCIENCE (1989)
Jon M. Kleinberg	COMPUTER SCIENCE (2008)
Sidney Leibovich*	MECHANICAL AND AEROSPACE ENGINEERING (1993)
Daniel P. Loucks*	CIVIL AND ENVIRONMENTAL ENGINEERING (1989)
William L. Maxwell*	OPERATIONS RESEARCH AND INFORMATION ENGINEERING (1998)
Francis C. Moon*	MECHANICAL AND AEROSPACE ENGINEERING (1996)
Franklin K. Moore*	MECHANICAL AND AEROSPACE ENGINEERING (1984)
Thomas D. O'Rourke	CIVIL AND ENVIRONMENTAL ENGINEERING (1993)
Thomas W. Parks*	ELECTRICAL AND COMPUTER ENGINEERING (2010)
Jean-Yves Parlange*	BIOLOGICAL AND ENVIRONMENTAL ENGINEERING (2006)

Stephen B. Pope	MECHANICAL AND AEROSPACE ENGINEERING (2010)
Fred B. Schneider	COMPUTER SCIENCE (2011)
Norman R. Scott*	BIOLOGICAL AND ENVIRONMENTAL ENGINEERING (1990)
Christine A. Shoemaker	CIVIL AND ENVIRONMENTAL ENGINEERING (2012)
Michael L. Shuler	BIOMEDICAL ENGINEERING; CHEMICAL AND BIOMOLECULAR ENGINEERING (1989)
Jery R. Stedinger	CIVIL AND ENVIRONMENTAL ENGINEERING (2014)
Chung L. Tang*	ELECTRICAL AND COMPUTER ENGINEERING (1986)
Éva Tardos	COMPUTER SCIENCE; INFORMATION SCIENCE (2007)
James S. Thorp*	ELECTRICAL AND COMPUTER ENGINEERING (1996)
Kuo-King Wang*	MECHANICAL AND AEROSPACE ENGINEERING (1989)
Watt W. Webb*	APPLIED AND ENGINEERING PHYSICS (1993)

National Academy of Medicine

Jack D. Barchas	PSYCHIATRY, WEILL CORNELL MEDICINE (1981)
Jeremiah A. Barondess*	MEDICINE; PUBLIC HEALTH, WEILL CORNELL MEDICINE (1971)
M. Flint Beal	NEUROLOGY AND NEUROSCIENCE, WEILL CORNELL MEDICINE (2003)
Murray F. Brennan	SURGERY, WEILL CORNELL MEDICINE (1995)
Lewis C. Cantley	MEDICINE, WEILL CORNELL MEDICINE (2014)
Eric J. Cassell*	PUBLIC HEALTH, WEILL CORNELL MEDICINE (1982)
Frank A. Chervenak	OBSTETRICS AND GYNECOLOGY, WEILL CORNELL MEDICINE (2012)
Lisa M. DeAngelis	NEUROLOGY AND NEUROSCIENCE, WEILL CORNELL MEDICINE (2013)
R. Gordon Douglas Jr.*	MEDICINE, WEILL CORNELL MEDICINE (1995)
Joseph J. Fins	MEDICAL ETHICS; MEDICINE; PUBLIC HEALTH; PSYCHIATRY, WEILL CORNELL MEDICINE (2011)
Cutberto Garza*	NUTRITIONAL SCIENCES (1998)
Laurie H. Glimcher	MEDICINE; DEAN, WEILL CORNELL MEDICINE (1998)
Antonio M. Gotto Jr.	MEDICINE; DEAN EMERITUS, WEILL CORNELL MEDICINE (1991)

Beatrix A. Hamburg	PSYCHIATRY, WEILL CORNELL MEDICINE (1979)
David A. Hamburg	PSYCHIATRY, WEILL CORNELL MEDICINE (1971)
Gary A. Koretzky	DEAN, WEILL CORNELL GRADUATE SCHOOL OF MEDICAL SCIENCES; MEDICINE, WEILL CORNELL MEDICINE (2008)
Catherine Lord	PSYCHOLOGY AND PSYCHOLOGY IN PEDIATRICS, WEILL CORNELL MEDICINE (2014)
Alexander R. Margulis.....	RADIOLOGY, WEILL CORNELL MEDICINE (1987)
Ralph L. Nachman	MEDICINE, WEILL CORNELL MEDICINE (1992)
Carl F. Nathan	MICROBIOLOGY AND IMMUNOLOGY, WEILL CORNELL MEDICINE (1998)
Jean W. Pape	MEDICINE, WEILL CORNELL MEDICINE (2003)
Steven M. Paul	NEUROLOGY AND NEUROSCIENCE; PSYCHIATRY, WEILL CORNELL MEDICINE (1997)
Gregory A. Petsko	NEUROLOGY AND NEUROSCIENCE, WEILL CORNELL MEDICINE (2001)
Jerome B. Posner.....	NEUROLOGY AND NEUROSCIENCE, WEILL CORNELL MEDICINE (1992)
Michael I. Posner.....	PSYCHIATRY, WEILL CORNELL MEDICINE (1981)
Andrew I. Schafer	MEDICINE, WEILL CORNELL MEDICINE (2013)
David J. Skorton*	PRESIDENT EMERITUS (2011)
Rosemary A. Stevens.....	PSYCHIATRY, WEILL CORNELL MEDICINE (1973)
Harold E. Varmus	MEDICINE, WEILL CORNELL MEDICINE (1991)

American Academy of Arts and Letters

Karel Husa*	MUSIC (1994)
Alison Lurie*	LITERATURE (1989)
Steven E. Stucky*	MUSIC (2007)

CORNELL UNIVERSITY
OFFICE OF THE VICE PROVOST FOR RESEARCH

2015