

THE AMERICAN ACADEMY

O F A R T S & S C I E N C E S

Monday, April 24, 2006
For Immediate Release

Contact: Paul Karoff
617-576-5043
pkaroff@amacad.org

Olivia DiFeterici
617 576-5003
odifeterici@amacad.org

Academy Announces 2006 Class of Fellows

Those Elected Include Scholars, Scientists, Artists, Civic, Corporate and Philanthropic Leaders

CAMBRIDGE, MA – The American Academy of Arts and Sciences today announced the election of 175 new Fellows and 20 new Foreign Honorary Members. Those elected include two former presidents of the United States; the Chief Justice of the United States; a Nobel laureate; winners of the Pulitzer Prize in poetry, drama, music, investigative reporting, and non-fiction; a former US poet laureate; and a member of the French Senate.

The 195 scholars, scientists, artists, civic, corporate and philanthropic leaders come from 24 states and 13 countries, and range in age from 37 to 83. Represented among this year's newly elected members are more than 60 universities, a dozen corporations, as well as museums, research institutes, media outlets and foundations.

This year's new Fellows include former Presidents **George H.W. Bush** and **William Jefferson Clinton**; Supreme Court Chief Justice **John Roberts**; Nobel Prize-winning biochemist and Rockefeller University President **Sir Paul Nurse**; the chairman and vice chairman of the 9/11 commission, **Thomas Kean** and **Lee Hamilton**; actor and director **Martin Scorsese**; choreographer **Meredith Monk**; conductor **Michael Tilson Thomas**; and New York Stock Exchange chairman **Marshall Carter** along with leading scientists and scholars from across the nation.

The newly elected class also includes: **Elbert Rutan**, designer and constructor of the Voyager, the first vehicle to circumnavigate the earth without refueling and other renowned experimental aircraft; **Charles Thacker**, designer of the world's first personal computer workstation; **William Greenough** of the University of Illinois at Urbana-Champaign, whose research provided the first clear evidence for the structural basis of memory; **Michael Dawson**, University of Chicago political scientist who has authored influential studies of race and politics in the United States; Stanford law professor **Lawrence Lessig**, who is a leading expert on the legal and social consequences of the information revolution; Bancroft Prize-winning historian **William Cronon**; National Book Award-winning author **Xuefei Jin**; former U.S. Poet Laureate **Rita Dove**; Pulitzer Prize-winning playwright **Paula Vogel**; *Los Angeles Times* editor **Dean Baquet**; and *New Yorker* editor **David Remnick**; and **Kenneth Chenault**, Chairman and CEO of the American Express Company.

Foreign Honorary Members in this year's class come from Europe, Asia, South America and the Middle East, and include former French Minister of Justice and current member of the French Senate, **Robert Badinter**; National University of Singapore President **Shih Choon Fong**; Japanese ecologist **Yoh Iwasa**; Ecuadorian biologist and Galapagos Islands champion **Eugenia Del Pino Veintimilla**; British author and playwright **William Trevor**; and **Henri Loyrette**, president and director of the Louvre Museum in Paris.

Fellows and Foreign Honorary Members are nominated and elected to the Academy by current members. A broad-based membership, comprised of scholars and practitioners from mathematics, physics, biological sciences, social sciences, humanities and the arts, public affairs and business, gives the Academy a unique capacity to conduct a wide range of interdisciplinary studies and public policy research.

"It gives me great pleasure to welcome these outstanding leaders in their fields to the Academy," said Academy President Patricia Meyer Spacks. "Fellows are selected through a highly competitive process that recognizes individuals who have made preeminent contributions to their disciplines and to society at large."

"Throughout its history, the Academy has convened the leading thinkers of the day, from diverse perspectives, to participate in projects and studies that advance the public good," added Chief

Executive Officer Leslie Berlowitz. “I am confident that this distinguished class of new Fellows will continue that tradition of cherishing knowledge and shaping the future.”

The Academy will welcome this year's new class at its annual Induction Ceremony on October 7, at the Academy's headquarters in Cambridge, Massachusetts.

Founded in 1780 by John Adams, James Bowdoin, John Hancock and other scholar-patriots, the Academy has elected as Fellows and Foreign Honorary Members the finest minds and most influential leaders from each generation, including George Washington and Ben Franklin in the eighteenth century, Daniel Webster and Ralph Waldo Emerson in the nineteenth, and Albert Einstein and Winston Churchill in the twentieth. The current membership includes more than 170 Nobel laureates and 50 Pulitzer Prize winners. An independent policy research center, the Academy undertakes studies of complex and emerging problems. Current Academy research focuses on science and global security; social policy; the humanities and culture; and education.

A list of newly elected Fellows and Honorary Foreign Members with their affiliations follows.

Fellows and their Affiliations

Abbott, Laurence F.: Professor of Physiology and Cellular Biophysics, Columbia University

Abrams, Floyd: Partner, Cahill Gordon & Reindel LLP; William J. Brennan Visiting Professor, Columbia University

Abriola, Linda Marie: Dean of Engineering, Professor of Civil and Environmental Engineering, Tufts University

Acemoglu, K. Daron: Charles P. Kindleberger Professor of Applied Economics, Massachusetts Institute of Technology

Adleman, Leonard M: Distinguished Henry Salvatori Professor of Computer Science, Professor of Molecular Biology, University of Southern California

Alcock, Charles R: Director, Harvard-Smithsonian Center for Astrophysics

Alda, Alan: Actor, Writer, Director, Beverly Hills, California

Alesina, Alberto: Nathaniel Ropes Professor of Political Economy, Harvard University

Alexander, John David: Former President, Pomona College

Andrew, Dudley: Professor of Film Studies and Comparative Literature, Yale University

Andrews, Donald Wilfrid Kao: T. C. Koopmans Professor of Economics, Yale University

Angrist, Joshua: Professor of Economics, Massachusetts Institute of Technology

Aslin, Richard N.: William R. Kenan Professor of Brain and Cognitive Sciences, University of Rochester

Awschalom, David D.: Professor of Chemistry, University of California, Santa Barbara

Ayres, Ian: William K. Townsend Professor of Law, Yale Law School

Banerjee, Subir Kumar: I.T. Distinguished Professor and Director, Institute for Rock Magnetism, University of Minnesota

Baquet, Dean Paul: Editor, *Los Angeles Times*

Beck, Nathaniel: Professor of Political Science, New York University

Berger, Harry: Professor Emeritus of Literature and Art History, University of California, Santa Cruz

Bernstein, Charles: Donald T. Regan Professor of English, University of Pennsylvania

Blake, Randolph: Centennial Professor of Psychology, Vanderbilt University; Fellow, The Kennedy Center for Human Development

Bloch, Erich: Principal, The Washington Advisory Group

Bluestone, Jeffrey Allen: A.W. and Mary Margaret Clausen Distinguished Professor of Metabolism and Endocrinology, Director, Diabetes Center, University of California, San Francisco

Bobo, Lawrence J.: Martin Luther King Jr. Centennial Professor and Director, Center for Comparative Studies in Race and Ethnicity and Program in African and African American Studies, Stanford University

Boger, Dale L: Richard and Alice Cramer Professor of Chemistry, Scripps Research Institute

Botchan, Michael R.: Professor of Biochemistry and Molecular Biology, University of California, Berkeley

Brooke, Peter A.: Chairman, Advent International Corporation

Browning, Christopher R.: Distinguished Professor, University of North Carolina at Chapel Hill

Buhrman, Robert Alan: John Edson Sweet Professor of Engineering, Director, Center for Nanoscale Systems, Cornell University

Bush, George H.W.: Former President of the United States

Campbell, Kevin Peter: Investigator, Howard Hughes Medical Institute; Roy J. Carver Professor of Physiology and Biophysics and Neurology, University of Iowa

Carpenter, Stephen Richard: Stephen Alfred Forbes Professor of Zoology, University of Wisconsin

Carter, Marshall N.: Chairman, New York Stock Exchange

Cheeger, Jeff: Professor of Mathematics, New York University

Chenault, Kenneth Irvine: Chairman and CEO, American Express Company

Chevalier, Judith: Professor of Finance and Economics, Yale University

Chien, Shu: Professor of Bioengineering and Medicine, University of California, San Diego

Christiansen, Keith: Curator of Italian Paintings, Metropolitan Museum of Art

Cleveland, Don W.: Professor of Medicine, Neuroscience, Cellular and Molecular Medicine, University of California, San Diego

Clinton, William Jefferson: Former President of the United States; Founder, William J. Clinton Foundation

Coley, Phyllis (Lissy) D.: Professor of Biology, University of Utah

Connors, Jack : Founding Chairman, Hill, Holiday, Connors, Cosmopoulos

Coppersmith, Susan N.: Professor of Physics, Chair, Department of Physics, University of Wisconsin-Madison

Cronon, William: Frederick Jackson Turner and Vilas Research Professor of History, Geography, and Environmental Studies, University of Wisconsin-Madison

Dawson, Michael C: Professor in Political Science and the College, University of Chicago

Dimopoulos, Savas: Professor of Physics, Stanford University

Dove, Rita: Commonwealth Professor of English, University of Virginia

Eisenbud, David: Director of Mathematical Sciences Research Institute, University of California, Berkeley

Englander, Solomon Walter: Jacob Gershon-Cohen Professor of Medical Science, Professor of Biochemistry and Biophysics, University of Pennsylvania School of Medicine

Epstein, Lee: Mallinckrodt Distinguished University Professor of Political Science, Professor of Law, Washington University in St. Louis

Fallon, Jr., Richard H.: Ralph S. Tyler Jr. Professor of Constitutional Law, Harvard Law School

Fine, Kit: Silver Professor of Philosophy, New York University

Finlayson-Pitts, Barbara J.: Professor of Chemistry, University of California, Irvine

Flom, Joseph Harold: Partner, Skadden, Arps, Slate, Meagher & Flom

Frank, Joachim: Investigator, Howard Hughes Medical Institute; Professor of Biomedical Sciences Adjunct Professor of Biology, State University of New York

Freedman, Stuart Jay: Luis W. Alvarez Memorial Chair in Experimental Physics, University of California, Berkeley

Fuller, Margaret Tatnall: Reed Hodgson Professor of Human Biology, Professor of Genetics, Stanford University

Goldberg, Michael Ellis: David Mahoney Professor of Brain and Behavior, Columbia University

Goldstein, Matthew: Chancellor, City University of New York

Golubitsky, Martin: Cullen Distinguished Professor of Mathematics, University of Houston

Goodchild, Michael F.: Professor of Geography and Faculty Lecturer, University of California, Santa Barbara

Graham, William A.: Dean, John Lord O'Brien Professor of Divinity, and Murray A. Albertson Professor of Middle Eastern Studies, Harvard Divinity School

Greene, Jack P.: Andrew D. Mellon Professor in the Humanities, Emeritus, Johns Hopkins University

Greenough, William Tallant: Swanlund and Center for Advanced Study Professor of Psychology, Psychiatry and Cell and Structural Biology, University of Illinois at Urbana-Champaign

Grenfell, Bryan Thomas: Alumni Professor of Biology, Pennsylvania State University

Groudine, Mark Terry: Director and Member, Division of Basic Sciences, Professor of Radiation Oncology, Fred Hutchinson Cancer Research Center, University of Washington School of Medicine

Gupta, Anil K.: Distinguished Professor of Philosophy, University of Pittsburgh

Halperin-Donghi, Tulio: Muriel McKevitt Sonne Professor of Latin American History, Emeritus, University of California, Berkeley

Hambrecht, William R.: Chairman and CEO, W.R. Hambrecht & Co.

Hamilton, Lee Herbert: President and Director, Woodrow Wilson International Center

Hastie, Reid : Professor of Behavioral Science, University of Colorado

Haussler, David : Investigator, Howard Hughes Medical Institute; Professor of Biomedical Engineering, University of California, Santa Cruz

Hawley, R. Scott: Investigator, Stowers Institute for Medical Research

Head III, James William: Louis and Elizabeth Scherck Distinguished Professor, Professor of Geological Sciences, Brown University

Heineman, Benjamin Walter: Senior Vice President for Law and Public Affairs, General Electric Company

Hellwarth, Robert Willis: George T. Pflieger Chair in Electrical Engineering, Professor of Physics, University of Southern California

Higgins, E. Tory: Stanley Schachter Professor of Psychology, Columbia University

Hine, Darlene Clark: Professor of History, Northwestern University

Hobbs, Helen Haskell: Investigator, Howard Hughes Medical Institute; Eugene McDermott Distinguished Chair for the Study of Human Growth and Development, 1995 Dallas Heart Ball Chair in Cardiology Research, University of Texas Southwestern Medical Center at Dallas

Horton, James Oliver: Benjamin Banneker Professor of American Studies and History, George Washington University

Ifill, Gwen: Moderator and Managing Editor, *Washington Week*, Senior Correspondent, *The NewsHour with Jim Lehrer*, WETA

Irvine, Judith Temkin: Professor of Anthropology, University of Michigan

Jackson, Kenneth T.: Jacques Barzun Professor of History and the Social Sciences, Director of the Herbert H. Lehman Center for the Study of American History, Columbia University

Janko, Richard Charles Murray: Professor and Chair of Classical Studies, University of Michigan

Jin, Xuefei: Professor of English, Boston University

Kaushansky, Kenneth: Helen M. Ranney Professor and Chair, Department of Medicine, University of California, San Diego

Kavli, Fred: Founder, Kavlico Corporation; Chairman, Kavli Foundation

Kean, Thomas H.: Chairman, Board of Trustees, Robert Wood Johnson Foundation

Keating, Mark Taylor: Investigator, Howard Hughes Medical Institute; Professor of Cell Biology and Pediatrics, Harvard Medical School

Keen, Rachel: Professor of Psychology, University of Massachusetts

Kekst, Gershon: Founder and President, Kekst and Company

Kieckhefer, Richard A.: Professor of Religion and History, Northwestern University

Knechtges, David R.: Professor of Asian Languages and Literature, University of Washington

Kohlberg, Jr., Jerome: Chairman and Founder, Kohlberg & Co.

Kramer, Larry D.: Dean, Richard E. Lang Professor of Law, Stanford University

Kraut, Richard: Charles E. and Emma H. Morrison Professor in the Humanities, Professor of Philosophy and Classics, Northwestern University

LaCapra, Dominick C.: Bowmar Professor of Humanistic Studies, Cornell University

Lake, David A.: Professor of Political Science, University of California, San Diego

Lazarsfeld, Robert K.: Professor of Mathematics, University of Michigan

LeDoux, Joseph E.: Henry and Lucy Moses Professor of Science, New York University

Lessig, Lawrence: Professor of Law, Stanford University

Lester, Henry Allen: Bren Professor of Biology, California Institute of Technology

Levine, Arthur Elliott: President, Teachers College, Columbia University

Lin, Robert Peichung: Professor of Physics, University of California, Berkeley

Lindberg, Donald A.B.: Director, U.S. National Library of Medicine, National Institutes of Health

Lopate, Phillip: John Crawford Adams Professor of English, Hofstra University

Mahley, Robert W.: President, J. David Gladstone Institutes

Manley, James L.: Judith Clarence Levi Professor of Life Sciences, Columbia University

Maquat, Lynne E.: Professor of Biochemistry and Biophysics, University of Rochester Medical Center

McCammon, J. Andrew: Investigator, Howard Hughes Medical Institute; Professor of Pharmacology and Chemistry, University of California, San Diego

McConnell, Susan K.: Susan B. Ford Professor of Biological Sciences, Stanford University

Miller, Steven E.: Director, International Security Program, Harvard University

Monk, Meredith: Composer, Theater Director, Choreographer, Singer, The House Foundation for the Arts

Moran, Nancy A.: Regents' Professor of Ecology and Evolutionary Biology, University of Arizona

Moretti, Franco: The Danily C. and Laura Louise Bell Professor of English and Comparative Literature, Director, Center for the Study of the Novel, Stanford University

Murnane, Margaret Mary: Fellow, JILA; Professor of Physics, University of Colorado

Murrin, Michael: David B. and Clara E. Stern Professor in Humanities, University of Chicago

Navasky, Victor Saul: Publisher, Emeritus, *The Nation*

Newcombe, Nora S.: James H. Glackin Distinguished Faculty Fellow, Temple University

Newman, Charles M.: Professor of Mathematics, New York University

Newton, A. Richard: Dean of the College of Engineering, Roy W. Carlson Professor of Engineering, University of California, Berkeley

Nolet, Guust: George J. Magee Professor of Geophysics and Geological Engineering, Princeton University

Novick, Peter J.: Professor of Cell Biology, Yale University

Nurse, Paul Maxime: President, Professor, Department of Molecular, Cellular and Developmental Biology, Rockefeller University

Ong, Nai-Phuan: Eugene Higgins Professor of Physics, Princeton University

Oster, George F.: Professor of Cell and Developmental Biology, Professor of Environmental Science, Policy and Management, University of California, Berkeley

Page, Jr., Robert Eugene: Foundation Professor and Founding Director, School of Life Sciences, Arizona State University

Patterson, David Andrew: E.H. and M.E. Pardee Professor of Computer Science, University of California, Berkeley

Peterson, Peter G.: Senior Chairman, Blackstone Group

Pickart, Cecile M.: Professor of Biochemistry and Molecular Biology, Johns Hopkins University

Pomeranz, Kenneth L.: Chancellor's Professor of History, University of California, Irvine

Poole, Keith T.: Distinguished Professor of Political Science, University of California, San Diego

Postlewaite, Andrew: Harry P. Kamen Professor of Economics and Professor of Finance, University of Pennsylvania

Poulet, Anne Lytle: Director, Frick Collection

Provine, William B.: Charles A. Alexander Professor of Biological Sciences, Cornell University

Remnick, David: Editor, *The New Yorker*

Richmond, Geraldine L.: Richard M. and Patricia H. Noyes Professor of Chemistry, University of Oregon

Roberts, Jr., John Glover: Chief Justice, Supreme Court of the United States

Roemer, John E.: Elizabeth S. and A. Varick Stout Professor of Political Science and Economics, Yale University

Romer, David: Herman Royer Professor in Political Economy, University of California, Berkeley

Rutan, Elbert (Burt) L.: President and Chief Executive Officer, Scaled Composites LLC

Sack, Robert David: Clarence J. Glacken and John Bascom Professor of Geography, Professor of Integrated Liberal Studies, University of Wisconsin-Madison

Salmon, Edward Dickinson: James Larkin and Iona Mae Ballou Distinguished Professor of Cell Biology, University of North Carolina at Chapel Hill

Sargent, Anneila Isabel: Benjamin M. Rosen Professor of Astronomy, Director of Combined Array for MMAstronomy, California Institute of Technology

Schaal, Barbara Anna: Spencer T. Olin Professor of Biology, Washington University in St. Louis

Scorsese, Martin: Actor, Director, Film Producer, New York, New York

Segal, Lore: Novelist, New York, New York

Sellars, Peter: Professor, Theater and Opera Director, University of California, Los Angeles

Shenker, Stephen: Professor of Physics, Stanford University

Shepherd, Gordon Murray: Professor of Neuroscience, Yale University

Simpson, Joanne: Chief Scientist Emeritus for Meteorology, NASA/Goddard Space Flight Center

Skinner, James Lauriston: Joseph O. Hirschfelder Professor of Chemistry, Department Chairperson, University of Wisconsin-Madison

Smith III, Amos Brittain: Rhodes-Thompson Professor of Chemistry, University of Pennsylvania

Spaulding, Helen Bowdoin: Retired Chairman of the Board, Boston Foundation

Spencer, Charles S.: Chairman, Division of Anthropology, American Museum of Natural History

Stanish, Charles: Director, The Cotsen Institute of Archaeology, Professor of Anthropology, University of California, Los Angeles

Steinmetz, David Curtis: Amos Ragan Kearns Professor of the History of Christianity, Duke University

Stock, James H.: Professor of Economics, Harvard University

Stucky, Steven Edward: Given Foundation Professor of Composition, Cornell University

Swager, Timothy Manning: Professor of Chemistry, Associate Director of the Institute for Soldier Nanotechnologies, Massachusetts Institute of Technology

Taruskin, Richard: Class of 1955 Professor of Music, University of California, Berkeley

Thacker, Charles P: Distinguished Engineer, Microsoft Corporation

Tilson Thomas, Michael: Music Director, San Francisco Symphony

Tisch, Wilma Stein: Trustee, Tisch Foundation

Tracy, Craig A.: Distinguished Professor of Mathematics, University of California, Davis

Vande Woude, George F.: VARI Director and Distinguished Scientific Investigator, Van Andel Research Institute

Varaiya, Pravin P.: Nortel Networks Professor of Electrical Engineering and Computer Science, University of California, Berkeley

Vogel, Paula: Adele Kellenberg Seaver Professor of Creative Writing, Brown University

Voigt, Ellen Bryant: Poet, Marshfield, Vermont

Waldrop, Rosmarie: Poet, Novelist, Translator, Providence, Rhode Island

Waters, Mary C.: Professor of Sociology, Harvard University

Waxman, Seth Paul: Partner, Wilmer Cutler Pickering Hale and Dorr, LLP

Wexner, Leslie H.: CEO, Limited Brands Corporation

Widom, Harold : Professor of Mathematics, Emeritus, University of California, Santa Cruz

Wolterstorff, Nicholas : Noah Porter Professor of Philosophical Theology, Yale University

Foreign Honorary Members and their Affiliations at the time of Election

Ackroyd, Peter: Chief Book Reviewer, *London Times*, United Kingdom

Badinter, Robert: Senateur des Hauts de-Seine, Senat de France, France

Brunori, Maurizio: Professor of Chemistry and Biochemistry, University of Rome, Italy

del Pino Veintimilla, Eugenia María: Professor of Biological Sciences, Pontificia Universidad Católica del Ecuador, Ecuador

Duboule, Denis: Directeur and Professor of Zoology and Animal Biology, University of Geneva, Switzerland

Fong, Shih Choon: President, National University of Singapore, Singapore

Gojobori, Takashi: Professor and Director, Center for Information Biology and DNA Data Bank of Japan, Japan

Haggett, Peter: Emeritus Professor in Urban and Regional Geography, Senior Research Fellow, School of Geographical Sciences, University of Bristol, United Kingdom

Hanski, Ilkka Aulis: Professor of Zoology, University of Helsinki, Finland

Harrán, Don: Arthur Rubenstein Professor of Musicology, Hebrew University, Israel

Hassner, Pierre: Professor of Political Science, Institut d'Études Politiques de Paris, France

Iwasa, Yoh: Professor of Biology, Kyushu University, Japan

Loyrette, Henri: President Directeur, Musee du Louvre, France

Nickell, Stephen: Professor of Economics, London School of Economics, United Kingdom

Nitzan, Abraham: Professor of Chemistry, Tel Aviv University, Israel

Pérez-Díaz, Victor: Professor of Sociology, Universidad Complutense de Madrid

Riley, Bridget: Painter, London, United Kingdom

Sonenberg, Nahum: James McGill Professor, Department of Biochemistry, McGill University, Canada

Trevor Cox, William: Short Story Writer, Playwright, Novelist, London, United Kingdom

Wehler, Hans-Ulrich: Professor of History, Universität Bielefeld, Germany