

Academy Elects 225th Class of Fellows and Foreign Honorary Members

2005 Class Includes Scholars, Scientists, Artists, Civic, Corporate and Philanthropic Leaders

Cambridge, MA, April 26, 2005 – The American Academy of Arts and Sciences today announced the election of 196 new Fellows and 17 new Foreign Honorary Members. The 213 men and women are leaders in scholarship, business, the arts, and public affairs.

This year's new Fellows include Nobel Prize-winning physicist **Eric Cornell** of the University of Colorado; Supreme Court Chief Justice **William Rehnquist**; **Steven Squyres**, leader of NASA's Rover program for the exploration of Mars; Dante scholar and chairman emeritus of the National Humanities Center, **Robert Hollander**; sculptor and painter **Jeff Koons**; Academy Award-winning actor and director **Sidney Poitier**; choreographers **Mark Morris** and **Judith Jamison**; journalist **Tom Brokaw**; Washington Post Company CEO **Donald Graham**; Google co-founders **Sergey Brin** and **Larry Page**; Time, Inc., CEO **Ann Moore**; architect, sculptor, and designer of the Vietnam Veterans' Memorial in Washington, **Maya Lin**; as well as four Pulitzer Prize winners – dramatist **Horton Foote**; playwright **Tony Kushner**; novelist **Alison Lurie**, and cartoonist **Art Spiegelman**.

The selection of Foreign Honorary Members honors distinguished experts and intellectuals from outside the United States. Past elected Foreign Honorary Members include Neils Bohr, Alfred Lord Tennyson, Jawaharlal Nehru, and Albert Camus. This year's class includes individuals from nine countries, including Nobel Prize-winning Polish poet, **Wisława Szymborska**; **Brenda Milner** of the Montreal Neurological Institute at McGill University, one of the founders of cognitive neuroscience; and Jerusalem-based pianist and conductor **Daniel Barenboim**, who has used his music to build bridges between Israeli and Palestinian society.

"It gives me great pleasure to welcome these outstanding leaders in their fields in this, the Academy's 225th year," 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 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."

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.

The Academy will welcome this year's new Fellows and Foreign Honorary Members at its annual induction ceremony on October 8, at the Academy's headquarters in Cambridge, Massachusetts.

The 2005 class of new Academy members continues a tradition of honoring intellectual achievement, leadership and creativity in all fields. Also among the newly elected members are **E. J. Dionne, Jr.**, political columnist and senior fellow at the Brookings Institution; **Earl Powell III**, director of the National Gallery of Art; **Nancy Sabin Wexler** of Columbia University, a leader in epidemiological research whose work advanced sound public policies in the area of genetic research; lawyer and civic leader **Frederick A. O. Schwarz**; urban planner, author and longtime champion of New York's Central Park, **Elizabeth Rogers**; **Glenn Lowry**, director of the Museum of Modern Art; **Janice Stein** of the University of Toronto, pioneer in the fields of negotiation theory and international conflict management; **William Baker**, president and CEO of public television station WNET in New York; and **William Bridges**, inventor of the Argon laser.

The list of Fellows and Foreign Honorary Members with their affiliations at the time of election:

Al-Awqati, Qais; Robert F. Loeb Professor of Medicine and Physiology, Columbia University

Ames, Giovanna Ferro-Luzzi; Professor of Biochemistry and Molecular Biology, Emerita, University of California, Berkeley

Anderson, John; Provost and University Vice President, Case Western Reserve University

Baker, William; President & CEO, Thirteen/WNET New York

Balkin, Jack; Knight Professor of Constitutional Law & the First Amendment, Yale University

Baouendi, M. Salah; Professor of Mathematics, University of California, San Diego

Barish, Barry; Linde Professor of Physics, California Institute of Technology

Bartov, Omer; John P. Birkelund Distinguished Professor of European History, Brown University

Bernstein, Jane; Austin Fletcher Professor of Music, Tufts University

Bewley, Truman; Alfred Cowles Professor of Economics; Dean of Graduate Studies, Yale University

Birkelund, John; General Partner, Saratoga Partners

Blank, Rebecca; Dean, Gerald Ford School of Public Policy, University of Michigan

Bloom, David; Clarence James Gamble Professor of Economics and Demography, Harvard School of Public Health

Bois, Yve-Alain; Joseph Pulitzer, Jr. Professor of Modern Art, Harvard University

Boyarin, Daniel; Herman P. and Sophia Taubman Professor, University of California, Berkeley

Bridges, William; Carl F. Braun Professor of Engineering, Emeritus, California Institute of Technology

Brilliant, Richard; Anna S. Garbedian Professor in the Humanities, Emeritus, Columbia University

Brin, Sergey; Co-Founder, President of Technology, Google Corporation

Brokaw, Tom; Journalist, Anchor, NBC News

Burns, Nancy; Director, Center for Political Studies; Professor Political Science, University of Michigan

Calvo, Guillermo; Distinguished University Professor, University of Maryland

Clark, James; H.J. Blomquist Professor of Biology, Duke University

Clifton, Rodney; Rush C. Hawkins University Professor of Engineering, Brown University

Coatsworth, John; Monroe Gutman Professor, Latin American Affairs; Director, David Rockefeller Ctr, Harvard University

Cogan, Jr., John; President, Pioneer Family of Mutual Funds

Coller, Barry; Vice President for Medical Affairs, Rockefeller University

Connell, Joseph; Professor of Zoology, Emeritus, University of California, Santa Barbara

Cornell, Eric; Professor Adjoint of Physics, University of Colorado

Corrigan, E. Gerald; Goldman, Sachs and Co.

Dale, Harvey; President Emeritus, Atlantic Philanthropies

Darley, John; Warren Professor of Psychology and Professor of Public Affairs, Princeton University

Davis, Lydia; Poet, New York, NY

De Grazia, Victoria; Professor of History, Columbia University

DeLong, Edward; Professor, Massachusetts Institute of Technology

Desimone, Joseph; William R. Kenan, Jr. Distinguished Professor of Chemistry and Chemical Engineering, University of North Carolina at Chapel Hill

Dionne, Jr., E. J.; Columnist, Senior Fellow, Brookings Institution

Donnan, Christopher; Professor of Anthropology, University of California, Los Angeles

Donofrio, Nicholas; Senior Vice President, Technology and Manufacturing, International Business Machines

Dreyfuss, Gideon; Professor of Biochemistry and Biophysics, University of Pennsylvania

Edelsbrunner, Herbert; Arts and Sciences Professor of Computer Science and Mathematics, Duke University

Engell, James; Gurney Professor of English Literature and Professor of Comparative Literature, Harvard University

Felstiner, John; Professor of English, Stanford University

Fiske, Susan; Professor of Psychology, Princeton University

Fitzpatrick, Sheila; Bernadotte E. Schmitt Professor of Modern Russian History, University of Chicago

Flanigen, Edith; Scientist, Emerita, Universal Oil Products, LLC

Fogelin, Robert; Sherman Fairchild Professor in the Humanities, Emeritus, Dartmouth College

Foote, Horton; Writer, New York, NY

Friedlander, Eric; Henry S. Noyes Professor of Mathematics, Northwestern University

Friedman, Jerome; Professor of Statistics, Stanford University

Gage, Fred; Adler Professor of Biology, Salk Institute for Biological Studies

Galil, Zvi; Dean, Columbia University

Garafola, Lynn; Dance Historian and Critic, Barnard College

Garfield, Eugene; Editor-in-Chief, The Scientist

Gibbons, John; Science Consultant, Resource Strategies

Ginsburg, David; James V. Neel Distinguished University Professor, University of Michigan

Goldberg, Alfred; Professor of Cell Biology, Harvard Medical School

Goldin-Meadow, Susan; Irving B. Harris Professor of Psychology, University of Chicago

Goldstein, Rebecca; Professor of Philosophy, Trinity College

Golledge, Reginald; Professor of Geography, University of California, Santa Barbara

Graham, Donald; Chairman & CEO, Washington Post Company

Greenwald, Iva; Professor of Biochemistry and Molecular Biophysics, Columbia University

Greenwood, M.R.C.; Provost & Senior Vice President of Academic Affairs, University of California System

Griffith, Jack; Kenan Distinguished Professor of Microbiology and Immunology, University of North Carolina at Chapel Hill

Guttag, John; Professor of Electrical Engineering and Computer Science, Massachusetts Institute of Technology

Harman, Gilbert; Stuart Professor of Philosophy: Chair, Committee for Cognitive Studies, Princeton University

Hart, Stanley; Senior Scientist, Geology and Geophysics, Woods Hole Oceanographic Institution

Hass, Robert; Poet, Critic, Translator, New York, NY

Hastings, Alan; Distinguished Professor, University of California, Davis

Hellman, F. Warren; Co-Founder & Chairman, Hellman & Friedman LLC

Heuser, John; Professor of Cell Biology and Physiology, Washington University in St. Louis

Hilberg, Raul; Professor, Emeritus, University of Vermont

Hirth, John; Professor Emeritus, Washington State University

Hollander, Robert; Professor of European Literature and French and Italian, Emeritus, Princeton University

Irwin, John; Decker Professor in the Humanities, Johns Hopkins University

Jamison, Judith; Artistic Director, Alvin Ailey Dance Foundation, Inc.

Jewitt, David; Professor of Astronomy, University of Hawaii

Joullie, Madeleine; Professor of Chemistry, University of Pennsylvania

Julius, David; Professor of Molecular Biology, University of California, San Francisco

Just, Ward; Fiction Writer, Martha's Vineyard

Kagan, Elena; Dean, Charles Hamilton Houston Professor of Law, Harvard Law School

Kahle, Brewster; Co-Founder, Director and Digital Librarian, Internet Archive

Kennedy, Duncan; Carter Professor of General Jurisprudence, Harvard Law School

Kennedy, Kenneth; John and Ann Doerr University Professor, Rice University

Kertzer, David; Dupee University Professor of Social Science; Professor, Anthropology & Italian, Brown University

Kessler-Harris, Alice; R. Gordon Hoxie Professor of American History, Department Chair, Columbia University

Kingsley, David; Professor of Developmental Biology, Stanford University School of Medicine

Kirby, William; Dean of Faculty of Arts & Sciences, Edith and Benjamin Geisinger Professor, Hist, Harvard University

Koons, Jeff; Visual Artist, New York, NY

Kotlikoff, Laurence; Chairman, Dept of Economics, Boston University

Kottak, Conrad; Chairman, Department of Anthropology, University of Michigan

Kowalczykowski, Stephen; Professor of Microbiology and Molecular and Cell Biology, University of California, Davis

Kunkel, Louis; Professor of Pediatrics and Genetics, Harvard Medical School

Kurtz, Thomas; Paul Levy Professor of Mathematics and Statistics, University of Wisconsin

Kushner, Tony; Playwright, Director, New York, NY

Lamb, Frederick; Professor of Physics and Astronomy; Fortner Professor of Theoretical Astrophysics, University of Illinois at Urbana-Champaign

Lamoreaux, Naomi; Professor of Economics and History, University of California, Los Angeles

Lange, Andrew; Goldberger Professor of Physics, California Institute of Technology

Larmore, Charles; Chester D. Tripp Professor in the Humanities, University of Chicago

Law, Sylvia; Elizabeth K. Dollard Professor of Law, Medicine and Psychiatry, New York University School of Law

Lawler, Gregory; Professor of Mathematics, Cornell University

Lee, Ronald; Director, Center on the Economics & Demography of Aging, University of California, Berkeley

Legvold, Robert; Professor of Political Science, Columbia University

Lehrer, Keith; Regent's Professor, Emeritus, University of Arizona

Leshner, Alan; CEO, American Association for the Advancement of Science

Lin, Maya Ying; Architect, Sculptor, Maya Lin Studio

Locksley, Richard; Sandler Distinguished Professor of Medicine, University of California, San Francisco

Loewenberg, Gerhard; Professor Emeritus, UI Foundation Distinguished Professor, University of Iowa

Lorsch, Jay; Louis E. Kirstein Professor of Human Relations, Harvard Business School

Lowry, Glenn; Director, The Museum of Modern Art

Lurie, Alison; F. J. Whiton Professor of American Literature Emerita, Cornell University

Macdonald, Allan; Sid W. Richardson Foundation Regents Chair in Physics, University of Texas at Austin

Mackay, Trudy; William Neal Reynolds Distinguished Professor of Genetics, North Carolina State University

MacKinnon, Catharine; Elizabeth A. Long Professor of Law, University of Michigan

Mahan, Gerald; Distinguished Professor of Physics, Pennsylvania State University

Malenka, Robert; Pritzker Professor of Psychiatry and Behavioral Sciences, Stanford University School of Medicine

Marks, Andrew; Professor and Chair of Physiology and Cellular Biophysics, Columbia University

Matthews, Rowena Green; G. Robert Greenberg Distinguished University Professor of Biological Chemistry, University of Michigan

McCarter, Jr., John; President & CEO, Field Museum of Natural History

McCarthy, John; Graduate Program Director, Professor of Linguistics, University of Massachusetts

Moore, Ann; Chairman & CEO, Time, Inc.

Morris, Stephen; Ford Foundation Professor of Economics, Yale University

Morris, Mark; Choreographer, Mark Morris Dance Group

Nestler, Eric; Lou and Ellen McGinley Distinguished Chair in Psychiatric Research, University of Texas Southwestern Medical Center

Newman, Barbara; Professor of English and Religion, Northwestern University

Nikaido, Hiroshi; Professor of Biochemistry and Molecular Biology, University of California, Berkeley

Nocera, Daniel; W.M. Keck Professor of Energy; Professor of Chemistry, Massachusetts Institute of Technology

Norman, Michael; Professor of Physics, University of California, San Diego

Nossal, Nancy; Chief, Laboratory of Molecular and Cellular Biology, National Institutes of Health

Nuzzo, Ralph; William H. and Janet G. Lycan Professor of Chemistry, University of Illinois at Urbana-Champaign

Olson, Peter; Morton K. Blaustein Professor; Chair of Earth and Planetary Sciences, Johns Hopkins University

Page, Lawrence; Co-Founder & President of Products, Google Corporation

Palloni, Alberto; H. Edwin Young Professor of International Studies, University of Wisconsin, Madison

Petes, Thomas; Chair, Department of Molecular Genetics and Microbiology, Duke University Medical Center

Phillips, Julia; Director, Physical and Chemical Sciences, Sandia National Laboratories

Piperno, Dolores; Staff Scientist, Smithsonian Tropical Research Institute

Poitier, Sidney; Actor, Director, Los Angeles, CA

Poor, Harold; George Van Ness Lothrop Professor of Electrical Engineering, Princeton University

Poulter, Charles; John A. Widtsoe Distinguished Professor of Chemistry, University of Utah

Powell, Robert; Robson Professor of Political Science, University of California, Berkeley

Powell III, Earl; Director, National Gallery of Art

Pozen, Robert; Non Executive Chairman, Massachusetts Financial Services

Prose, Francine; Novelist, New York, NY

Pusey, Anne; Distinguished McKnight University Professor, University of Minnesota

Pyle, Anna; William Edward Gilbert Professor of Molecular Biophysics and Biochemistry, Yale University

Rapoport, Tom; Professor of Cell Biology, Harvard Medical School

Rehnquist, William; Chief Justice, Supreme Court of the United States

Reichardt, Louis; Jack and DeLoris Lange Professor of Cell Physiology and Biochemistry and Biophysics, University of California, San Francisco

Ritvo, Harriet; Arthur J. Conner Professor of History, Massachusetts Institute of Technology

Roberts, D. John; John H. and Irene S. Scully Professor in International Business Studies, Stanford University

Roberts, Anita Bauer; Chief, Laboratory of Cell Regulation and Carcinogenesis, National Institutes of Health

Roediger III, Henry; James S. McDonnell Distinguished University Professor and Chair, Washington University in St. Louis

Rogers, Elizabeth; Director of the Garden History and Landscape Studies Program, Bard College

Rorem, Ned; Composer, Author, New York, NY

Rotberg, Robert; President, World Peace Foundation

Rothschild, Linda Preiss; Professor of Mathematics, University of California, San Diego

Rowe, John; Chairman & CEO, Aetna Inc.

Saller, Richard; Provost and Edward L. Ryerson Distinguished Service Professor, History, Classics, University of Chicago

Sampson, Robert; Henry Ford II Professor of the Social Sciences, Harvard University

Samuels, Richard; Ford International Professor; Director, Center of International Studies, Massachusetts Institute of Technology

Sayles, John; Film Director, Actor, Playwright, Film Editor, Orlando, FL

Schofield, Norman; William Taussig Professor of Political Economy, Washington University in St. Louis

Schwarz, Jr., Frederick; Senior Counsel, Brennan Center for Justice

Sedgwick, Eve Kospfsky; Distinguished Professor, City University of New York

Shochet, Melvyn; Kersten Distinguished Service Professor of Physical Sciences, University of Chicago

Silhavy, Thomas; Warner-Lambert Park-Davis Professor of Molecular Biology, Princeton University

Simms, Margaret; Vice President for Governance and Economic Analysis, Joint Center for Political and Economic Studies

Simon, Barry; IBM Professor of Mathematics and Theoretical Physics, California Institute of Technology

Simpson, Lewis; William A. Read Professor of English Literature, Emeritus, Louisiana State University

Soulé, Michael; Professor Emeritus of Environmental Studies, University of California, Santa Cruz

Spiegelman, Art; Cartoonist, New York, New York

Squyres, Steven; Goldwin Smith Professor of Astronomy, Cornell University

Stewart, Susan; Professor of English, Princeton University

Struhl, Gary; Professor of Genetics and Development, Columbia University

Stucky, Galen; Professor of Chemistry and Materials, University of California, Santa Barbara

Tang, Oscar; Tang Fund

Tirrell, David; Ross McCollum - William H. Corcoran Professor, California Institute of Technology

Trivers, Robert; Professor of Anthropology and Biological Sciences, Rutgers University

Turelli, Michael; Professor of Genetics, University of California, Davis

Ugurbil, Kâmil; Professor of Biochemistry, Radiology, and Medicine, University of Minnesota

Vafa, Cumrun; Donner Professor of Science, Harvard University

van Inwagen, Peter; John Cardinal O'Hara Professor of Philosophy, University of Notre Dame

Varki, Ajit; Professor of Cellular and Molecular Medicine, University of California, San Diego

Vogt, Peter; Professor of Molecular and Experimental Medicine, Scripps Research Institute

Wallace, Neil; Professor of Economics, Pennsylvania State University

Wallerstein, Michael; Professor of Political Science, Yale University

Walt, Stephen; Robert and Renee Belfer Professor of International Affairs, Harvard University

Watson, Mark; Professor of Economics and Public Affairs, Princeton University

Weber, Samuel Miles; Avalon Foundation Professor of Humanities, Northwestern University

Weinberg, Jr., Sidney; Senior Director, Goldman Sachs Group LP

Weinstein, David; Executive Vice President, Fidelity Non Profit Management Foundation

Wexler, Nancy; Higgins Professor of Neuropsychology, Columbia University

White, Raymond; Rudi Schmid Distinguished Professor, University of California, San Francisco

Wolf, Jack; Stephen O. Rice Professor of Magnetics, University of California, San Diego

Wolff, Christian; Strauss Professor of Music Emeritus, Dartmouth College

Wright, Carolyn; Israel J. Kapstein Professor of English, Brown University

Yi, Chen; Professor-Lorena Searcy Cravens/Millsap/Missouri Distinguished Professor, University of Missouri-Kansas City

Foreign Honorary Members

Barenboim, Daniel; Music Director, Pianist, Conductor, Chicago Symphony Orchestra

Falgueras, Margarita Salas; Presidenta, Centro de Biología Molecular Severo Ochoa, Consejo Superior de Investigaciones Científicas, Spain

Hansen, Niels; Director Emeritus, Risø National Laboratory, Denmark

Hayashi, Fumio; Professor of Economics, University of Tokyo, Japan

Hildenbrand, Werner; Professor of Economics, University of Bonn, Germany

Hirsch, Peter; Professor Emeritus, Oxford University, United Kingdom

Hofmann, Michael; Professor, University of Florida

Klemperer, Paul; Edgeworth Professor of Economics, University of Oxford, United Kingdom

Lee, Richard; University Professor, University of Toronto, Canada

Lubotzky, Alexander; Professor, Hebrew University of Jerusalem, Israel

Mak, Tak; Professor of Medical Biophysics and Immunology, University of Toronto, Canada

Milner, Brenda; Dorothy J. Killam Professor, Montreal Neurological Institute at McGill University, Canada

Stein, Janice Gross; University Professor, Director, Munk Center for International Studies, University of Toronto, Canada

Szyborska, Wislawa; Poet, Cracow, Poland

Ullrich, Axel; Director, Max-Planck-Institut für Biochemie, Germany

Wehner, Rüdiger; Director, University of Zürich, Switzerland

Yonath, Ada; Professor of Structural Biology, Weizmann Institute of Science, Israel