



American Academy of Arts and Sciences

2013 FELLOWS AND THEIR AFFILIATIONS AT THE TIME OF ELECTION

Abbott, Jonathan C., President and Chief Executive Officer, WGBH, Boston, Massachusetts

Agarwal, Anant, Professor of Computer Science, Massachusetts Institute of Technology; President, edX

Agrawal, Rakesh, Winthrop E. Stone Distinguished Professor of Chemical Engineering, Purdue University

Aldridge, Jr., Edward Cleveland, Former Secretary of the Air Force; Former Under Secretary of Defense for Acquisition, Technology, and Logistics, U.S. Department of Defense; Former Chief Executive Officer, Aerospace Corporation

Aleinikoff, T. Alexander, United Nations Deputy High Commissioner for Refugees, United Nations High Commission for Refugees; Professor of Law, Georgetown University

Altshuler, David Matthew, Deputy Director and Chief Academic Officer, Director, Program in Medical and Population Genetics, Broad Institute of Harvard and MIT; Professor of Genetics, Professor of Medicine, Harvard Medical School and Massachusetts General Hospital

Alvarez-Buylla, Arturo, Professor of Neurological Surgery, Heather and Melanie Muss Endowed Chair, Principal Investigator, Brain Tumor Research Center, University of California, San Francisco

Amis, Martin, Novelist, Short Story Writer, Journalist, Brooklyn, New York

Aronoff, Mark, Trustees Distinguished Professor of Linguistics, Stony Brook University, State University of New York

Bambach, Carmen C., Curator, Department of Drawings and Prints, Metropolitan Museum of Art

Bartel, Bonnie, Ralph and Dorothy Looney Professor of Biochemistry and Cell Biology, Rice University

Beall, Cynthia M., Distinguished University Professor of Anthropology, Case Western Reserve University

Berger, Shelley L., Daniel S. Och University Professor of Cell and Developmental Biology, University of Pennsylvania

Berman, Mandell Leslie, Founder and Trustee, The Mandell L. and Madeleine H. Berman Foundation

Berry, Wendell E., Poet, Novelist, Essayist, Conservationist, Port Royal, Kentucky

Beutler, Bruce Alan, Director, Center for the Genetics of Host Defense, Regental Professor, Raymond and Ellen Willie Distinguished Chair in Cancer Research, University of Texas Southwestern Medical Center

Bienenstock, Arthur I., Professor Emeritus, Departments of Materials Science and Applied Physics, Special Assistant to the President for Federal Research Policy, Stanford University

Bjork, Robert Allen, Distinguished Professor Emeritus of Psychology, University of California, Los Angeles

Blaser, Martin Jack, Muriel G. and George W. Singer Professor of Translational Medicine, Professor of Microbiology, Director, Human Microbiome Program, New York University School of Medicine

Bloom, Kerry Steven, Thad L. Beyle Distinguished Professor of Biology, University of North Carolina at Chapel Hill

Bloom, Nicholas, Co-Director, Productivity, Innovation and Entrepreneurship Program, National Bureau of Economic Research; Professor of Economics, Stanford University

Bowring, Samuel A., Robert R. Schrock Professor of Geology, Massachusetts Institute of Technology

Breakefield, Xandra Owens, Professor of Neurology, Harvard Medical School; Geneticist, Center for Molecular Imaging Research, Massachusetts General Hospital

Brown, Lawrence David, Miers Busch Professor; Professor of Statistics, University of Pennsylvania, Wharton School

Buttenwieser, Paul Arthur, Clinical Instructor in Psychiatry, Harvard Medical School and Beth Israel Deaconess Medical Center

Cane, David E., Vernon K. Kriebel Professor of Chemistry, Professor of Biochemistry, Brown University

Chalmers, David, Distinguished Professor of Philosophy, Director, Centre for Consciousness, Australian National University; Professor of Philosophy, Director, Center for Mind, Brain, and Consciousness, New York University

Chast, Roz, Cartoonist, *The New Yorker*

Code, Alan, Ward W. and Priscilla B. Woods Professor of Philosophy, Stanford University

Cohen, David K., John Dewey Collegiate Professor of Education, Professor of Education Policy, Professor of Public Policy, University of Michigan

Constantine-Paton, Martha, Investigator, McGovern Institute for Brain Research, Professor of Biology, Brain and Cognitive Sciences, Massachusetts Institute of Technology

De Niro, Robert, Actor, Director, Producer, New York, New York

Diermeier, Daniel Andreas, Director, Ford Motor Center for Global Citizenship, IBM Distinguished Professor of Regulation and Competitive Practices, Professor of Managerial Economics and Decision Sciences, Kellogg School of Management, Professor of Political Science, Northwestern University

Dijkgraaf, Robbert H., Director; Leon Levy Professor, Institute for Advanced Study

Dill, David L., Professor of Computer Science, Stanford University

Dillard, Annie, Writer, New York, New York

Druick, Douglas, President; Eloise W. Martin Director, Art Institute of Chicago

Eberly, Janice Caryl, Assistant Secretary for Economic Policy & Chief Economist, United States Department of the Treasury; James R. and Helen D. Russell Professor of Finance, Northwestern University

Edwards, Mickey H., Vice President, Director, Aspen Institute-Rodel Fellowship in Public Leadership, Aspen Institute

Eggers, Susan J., Microsoft Professor of Computer Science and Engineering, Emerita, University of Washington

Eichenbaum, Martin Stewart, Ethel and John Lindgren Professor of Economics, Northwestern University

Elson, Elliot Lawrence, Alumni Endowed Professor of Biochemistry and Molecular Biophysics, Washington University in St. Louis School of Medicine

Epstein, Larry G., Professor of Economics, Boston University

Erlandson, Jon McVey, Executive Director, Museum of Natural and Cultural History, Professor of Anthropology, Knight Professor of Arts and Sciences, University of Oregon

Eugenides, Jeffrey Kent, Novelist, Short Story Writer, Professor of Creative Writing, Princeton University

Ferriero, Donna M., Chair of Pediatrics, Physician-in-Chief, UCSF Benioff Children's Hospital; Professor of Pediatrics and Neurology, University of California, San Francisco

Field, Sally M., Actor, Producer, Director, Screenwriter, Beverly Hills, California

Fishbane, Michael, Nathan Cummings Distinguished Service Professor of Jewish Studies, University of Chicago Divinity School

Fleming, Renée, Soprano, New York, New York

Fredriksen, Paula, Aurelio Professor of Scripture Emerita, Boston University

Friedman, Jeffrey M., Investigator, Howard Hughes Medical Institute; Marilyn M. Simpson Professor and Head, Laboratory of Molecular Genetics, Rockefeller University

Fugard, Athol, Playwright, Port Elizabeth, South Africa and San Diego, California

Fuhrman, Jed A., McCulloch-Crosby Professor in Marine Biology, Professor of Biology, University of Southern California

Ginsburg, Thomas B., Leo Spitz Professor of International Law, Ludwig and Hilde Wolf Research Scholar; Professor of Political Science, University of Chicago Law School

Glenn, Jr., John H., Retired U.S. Senator; Retired NASA Astronaut, Columbus, Ohio

Gopnik, Alison, Professor of Psychology, University of California, Berkeley

Hammond, Paula T., David H. Koch Professor in Engineering, Massachusetts Institute of Technology

Hancock, Herbert (Herbie) Jeffrey, Jazz Musician and Composer; Chairman, Thelonious Monk Institute of Jazz; Professor, University of California, Los Angeles

Hanlon, Philip J., Provost, Executive Vice President for Academic Affairs, Donald J. Lewis Professor of Mathematics, Arthur F. Thurnau Professor, University of Michigan; President-Elect, Dartmouth College

Hawley, John Stratton, Professor of Religion, Barnard College

Heckman, Timothy M., Dr. A. Hermann Pfund Professor, Director, Center for Astrophysical Sciences, Professor of Physics and Astronomy, Johns Hopkins University

Heintz, Stephen B., President, Rockefeller Brothers Fund

Hellman, Frances, Professor of Physics, University of California, Berkeley; President, Hellman Fellows Fund; Trustee, Hellman Foundation

Hillyard, Steven Allen, Distinguished Professor of Neurosciences, University of California, San Diego

Holt, Robert Dan, Eminent Scholar, Arthur R. Marshall, Jr. Professor in Ecology, University of Florida

Hood, Donald C., James F. Bender Professor of Psychology, Columbia University

Horowitz, Gary T., Professor of Physics, University of California, Santa Barbara

Hoxie, Frederick E., Swanlund Professor of History and Law, University of Illinois at Urbana-Champaign

Huber, John D., Professor of Political Science, Columbia University

Hutchins, Glenn H., Co-Founder and Co-Chief Executive Officer, Silver Lake Partners

Ives, Anthony Ragnar, Plaenert-Bascom Professor, Professor of Zoology, University of Wisconsin-Madison

Jackman, Simon David, Professor of Political Science, Stanford University

Jacob, Margaret Candee, Distinguished Professor of History, University of California, Los Angeles

Jacquet, Hervé, Professor Emeritus of Mathematics, Columbia University

Jaffe, Robert Loren, Jane and Otto Morningstar Professor of Physics, Massachusetts Institute of Technology

Jolls, Christine, Gordon Bradford Tweedy Professor of Law and Organization, Yale Law School

Kahan, Dan M., Elizabeth K. Dollard Professor of Law, Professor of Psychology, Yale Law School

Kamionkowski, Marc, Professor of Physics and Astronomy, Johns Hopkins University

Kaster, Robert, Professor of Classics, Kennedy Foundation Professor of Latin Language and Literature, Princeton University

Kellogg, Louise Helen, Professor of Geophysics, University of California, Davis

Kelly, Regis B., Director, QB3 Institute, University of California, San Francisco

Kemphues, Kenneth J., Professor of Developmental Biology, Cornell University

Knowlton, Nancy, Sant Chair in Marine Science, Smithsonian Institution National Museum of Natural History

Koonin, Eugene V., Senior Investigator, National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health

Langton, Rae, Professor of Philosophy, Massachusetts Institute of Technology

Latham, David Winslow, SAO Astrophysicist, Harvard-Smithsonian Center for Astrophysics; Lecturer, Department of Astronomy, Harvard University

Laumann, Edward O., George Herbert Mead Distinguished Professor of Sociology, University of Chicago

Lawrence-Lightfoot, Sara, Emily Hargroves Fisher Professor of Education, Harvard Graduate School of Education

Lawson, Jr., H. Blaine, Distinguished Professor of Mathematics, Stony Brook University, State University of New York

Lee, Virginia Man-Yee, Director, Center for Neurodegenerative Disease Research, John H. Ware 3rd Professor in Alzheimer's Research, Director for Faculty Mentoring, Professor of Pathology and Laboratory Medicine, University of Pennsylvania

Lentricchia, Frank Richard, Literary Critic, Novelist, Katherine Everett Gilbert Professor of Literature, Duke University

Leonard, Naomi Ehrich, Edwin S. Wilsey Professor of Mechanical and Aerospace Engineering, Princeton University

Levi, John G., Chairman, Legal Services Corporation; Partner, Sidley Austin, LLP

Lis, John T., Barbara McClintock Professor of Molecular Biology and Genetics, Cornell University

Lo, Andrew W., Chairman and Chief Investment Strategist, AlphaSimplex, LLC; Charles E. and Susan T. Harris Professor of Finance, Director, Laboratory of Financial Engineering, Massachusetts Institute of Technology Sloan School of Management

Loscalzo, Joseph, Hersey Professor of the Theory and Practice of Physic (Medicine), Chair, Department of Medicine, Harvard Medical School; Physician-in-Chief, Brigham & Women's Hospital

Lowe, Scott William, Investigator, Howard Hughes Medical Institute; Member, Cancer Biology and Genetics Program, Memorial Sloan-Kettering Cancer Center

Lugar, Richard Green, Former U.S. Senator, United States Senate; Distinguished Scholar, Professor of Practice, School of Global and International Studies, Indiana University

Lupski, James R., Cullen Endowed Professor in Molecular Genetics, Professor of Molecular and Human Genetics, Baylor College of Medicine

Macdonald, Ken C., Professor of Marine Geophysics, University of California, Santa Barbara

Macedo, Stephen Joseph, Laurance S. Rockefeller Professor of Politics and the University Center for Human Values, Princeton University

Majumdar, Arun, Director, Energy Initiatives, Google.org

Malik, Jitendra, Arthur J. Chick Professor of Electrical Engineering and Computer Science, University of California, Berkeley

Mann, Susan, Professor of History Emerita, University of California, Davis

Manning, John Francis, Bruce Bromley Professor of Law, Harvard Law School

Marqusee, Susan, Professor of Biochemistry, Biophysics and Structural Biology, University of California, Berkeley

Marshall, Alan George, Kasha Professor of Chemistry and Biochemistry, Director, Ion Cyclotron Resonance Program, Florida State University

Maysles, Albert Harry, President, Maysles Films, Inc.

Maza, Sarah Crawford, Jane Long Professor in Arts and Sciences, Director, Nicholas D. Chabraja Center for Historical Studies, Northwestern University

McDermott, Rose M., Professor of Political Science, Brown University

Mekas, Jonas, President of the Board of Directors and Founder, Anthology Film Archives

Meltzer, David J., Henderson-Morrison Professor of Prehistory, Southern Methodist University

Mendelsohn, John, Professor of Experimental Therapeutics, Division of Cancer Medicine, Co-Director, Sheikh Khalifa Bin Zayed Al Nahyan Institute for Personalized Cancer Therapy, University of Texas MD Anderson Cancer Center; L.E. and Virginia Simmons Fellow in Health and Technology Policy, James A. Baker III Institute for Public Policy, Rice University

Michelson, Peter F., Professor of Physics, Stanford University

Miller, David A., John F. Hotchkis Professor of English, University of California, Berkeley

Moniz, Ernest J., Cecil and Ida Green Professor of Physics and Engineering Systems, Director, Energy Initiative, Director, Laboratory for Energy and the Environment, Massachusetts Institute of Technology

Moon, Randall T., Investigator, Howard Hughes Medical Institute; Director, Institute for Stem Cell and Regenerative Medicine, William and Marilyn Conner Professor, Professor of Pharmacology, University of Washington

Moseley, Michael Edward, Distinguished Professor of Anthropology, University of Florida

Mukamel, Shaul, Chancellor's Professor of Chemistry, University of California, Irvine

Murayama, Hitoshi, Professor of Physics, University of California, Berkeley

Murnane, Richard J., Research Associate, National Bureau of Economic Research; Juliana W. and William Foss Thompson Professor of Education and Society, Harvard Graduate School of Education

Nelson III, Charles Alexander, Professor of Neurology, Psychology and Pediatrics, Harvard Medical School; Richard David Scott Chair in Pediatrics, Boston Children's Hospital

Nesbitt, David John, Fellow, JILA; Professor of Chemistry and Biochemistry, University of Colorado, Boulder; Physicist, National Institute of Standards and Technology

Newton, Marshall D., Senior Chemist Emeritus, Brookhaven National Laboratory

Nichols, Stephen G., James M. Beall Professor Emeritus of French and Humanities, Johns Hopkins University

Nikias, Chrysostomos L. Max, President, Robert C. Packard President's Chair, Malcolm R. Currie Chair in Technology and the Humanities, University of Southern California

Norvig, Peter, Director of Research, Google, Inc.

Osher, Barbro Sachs, Chairman of the Board, The Bernard Osher Foundation

Parrish, John A., Chief Executive Officer, Center for Integration of Medicine and Innovative Technology, Boston, Massachusetts

Perlmutter, David M., Professor Emeritus of Linguistics, University of California, San Diego

Pfaff, Judy, Artist; Richard B. Fisher Professor in the Arts, Co-Director, Studio Arts Program, Bard College

Pfeffer, Suzanne Ruth, Emma Pfeiffer Merner Professor of Medical Sciences, Professor of Biochemistry, Stanford School of Medicine

Phong, Duong H., Professor of Mathematics, Columbia University

Poorvu, William James, Class of 1961 Adjunct Professor in Entrepreneurship, Emeritus, Harvard Business School

Popa, Sorin, Professor of Mathematics, University of California, Los Angeles

Pritchard, Jonathan K., Investigator, Howard Hughes Medical Institute; Professor of Human Genetics, University of Chicago

Pulitzer, Emily Rauh, Founder and Chairman, Pulitzer Foundation for the Arts

Rabe, Karin M., Professor of Physics, Rutgers, The State University of New Jersey

Rakoff, Jed S., United States District Judge, United States District Court, Southern District of New York

Read, Nicholas, Professor of Physics, Applied Physics and Mathematics, Yale University

Resnick, Lauren B., University Professor of Psychology and Cognitive Science, University of Pittsburgh

Rexford, Jennifer, Gordon Y. S. Wu Professor in Engineering, Princeton University

Rosenberg, Richard M., Retired Chairman and Chief Executive Officer, Bank of America, San Francisco, California

Rosenzweig, Mark, Frank Altschul Professor of International Economics, Yale University

Rothstein, Edward, Critic-at-Large, *The New York Times*

Rubenstein, David M., Co-Founder and Co-Chief Executive Officer, The Carlyle Group

Ruiz, Teofilo F., Distinguished Professor of History, Peter H. Reill Term Chair in European History, University of California, Los Angeles

Salovey, Peter, President-Elect, Provost, Chris Argyris Professor of Psychology, Yale University

Samuelson, Pamela, Richard M. Sherman Distinguished Professor of Law, Professor of Information, University of California, Berkeley School of Law

Sandler, Herbert M., Co-Founder, Sandler Foundation

Savitz, Maxine L., Vice President, National Academy of Engineering; Retired General Manager, Honeywell, Inc.

Schwartz, Stuart B., George Burton Adams Professor of History, Yale University

Sejnowski, Terrence Joseph, Investigator, Howard Hughes Medical Institute; Francis Crick Professor and Laboratory Head, Computational Neurobiology Laboratory, Salk Institute for Biological Studies

Seydoux, Geraldine, Investigator, Howard Hughes Medical Institute; Professor of Molecular Biology and Genetics, Johns Hopkins University School of Medicine

Sherr, Charles J., Investigator, Howard Hughes Medical Institute; Herrick Foundation Chair, Member and Chair, Department of Tumor Cell Biology, St. Jude Children's Research Hospital

Shimizu, Yoshiaki, Frederick Marquand Professor of Art and Archaeology, Emeritus, Princeton University

Siebel, Thomas M., Founder, Chairman and Chief Executive Officer, C3 Energy; Chairman, First Virtual Group

Smith, Alastair, Professor of Politics, New York University

Smith, Marshall S., Senior Fellow, Education Policy, Carnegie Foundation for the Advancement of Teaching

Smith, Michael Andrew, McCosh Professor of Philosophy, Princeton University

Springsteen, Bruce, Singer and Songwriter, Colts Neck, New Jersey

Steinberg, Laurence David, Distinguished University Professor; Laura H. Carnell Professor of Psychology, Temple University

Stoltzman, Richard, Clarinetist, New England Conservatory

Strauss, Walter A., L. H. Ballou University Professor, Professor of Mathematics and Applied Mathematics, Brown University

Swidler, Ann, Professor of Sociology, University of California, Berkeley

Tapia, Richard A., Director, Center for Excellence and Equity in Education, University Professor, Maxfield-Oshman Professor in Engineering, Rice University

Tessier-Lavigne, Marc Trevor, President, Carson Family Professor, Laboratory of Brain Development and Repair, Rockefeller University

Theroux, Paul, Novelist, Travel Writer, East Sandwich, Massachusetts

Tilley, T. Don, Professor of Chemistry, University of California, Berkeley

Trethewey, Natasha, United States Poet Laureate; Poet; Robert W. Woodruff Professor of English and Creative Writing, Phillis Wheatley Distinguished Chair in Poetry, Emory University

Tversky, Barbara G., Professor of Psychology and Education, Columbia University

Vehrencamp, Sandra L., Professor Emerita of Neurobiology and Behavior, Professor Emerita, Laboratory of Ornithology, Cornell University

Walt, David R., Robinson Professor of Chemistry, Tufts University

Wantchekon, Leonard, Professor of Politics, Princeton University

Warner, Michael D., Seymour H. Knox Professor of English, Professor of American Studies, Yale University

Weinbaum, Sheldon, Emeritus CUNY Distinguished Professor of Biomedical and Mechanical Engineering, City College, City University of New York

Wentzcovitch, Renata M.M., Professor of Chemical Engineering and Materials Science, University of Minnesota

Whitlock, Michael C., Professor of Zoology, University of British Columbia

Williams, Ronald A., Chairman of the Board, Emergency Medical Services Corp; Retired Chairman and Chief Executive Officer, Aetna

Wineland, David Jeffrey, Group Leader, Ion Storage Group, National Institute of Standards and Technology; Lecturer in Physics, University of Colorado, Boulder

Wise, Phyllis M., Chancellor, University of Illinois at Urbana-Champaign

Wolinsky, Asher, Gordon Fulcher Professor of Economics, Northwestern University

Woolard, Kathryn Ann, Professor of Anthropology, University of California, San Diego

Workman, Jerry L., Investigator, Stowers Institute for Medical Research

Yu, Bin, Chancellor's Professor, Professor of Statistics, Professor of Electrical Engineering, University of California, Berkeley

Zhuang, Xiaowei, Investigator, Howard Hughes Medical Institute; Professor of Chemistry and Chemical Biology, Professor of Physics, Harvard University

**FOREIGN HONORARY MEMBERS AND THEIR AFFILIATIONS
AT THE TIME OF ELECTION**

Andreae, Meinrat O., Director of the Biogeochemistry Department, Scientific Member, Max-Planck-Institut für Chemie

Barnes, Julian P., Writer, London, United Kingdom

Berestycki, Henri, Research Professor, Director of Mathematics Division, École des Hautes Etudes en Sciences Sociales

Cooke, Richard G., Staff Scientist, Archaeologist, Smithsonian Tropical Research Institute

Donoghue, Emma, Novelist, Short Story Writer, Playwright, London, Ontario, Canada

Haroche, Serge, Professor and Chair in Quantum Physics, Collège de France; Professor, École Normale Supérieure, Paris, France

Müllen, Klaus, Director, Max-Planck-Institut für Polymerforschung

Mutter, Anne-Sophie, Violinist, Munich, Germany

Pethick, Christopher John, Professor Emeritus, Nordic Institute for Theoretical Physics; Professor of Physics, Niels Bohr Institute

Romo, Ranulfo, Professor of Neuroscience, Institute of Cellular Physiology, Universidad Autónoma de México

Shi, Yigong, University Professor, Dean, School of Life Sciences, Tsinghua University