



## American Academy of Arts and Sciences

NEWLY ELECTED MEMBERS, JULY 2012

TOTAL: 219

FELLOWS: 202

FOREIGN HONORARY MEMBERS: 17

### CLASS I – MATHEMATICAL AND PHYSICAL SCIENCES (47)

*FOREIGN HONORARY MEMBER (4)*

#### SECTION 1 – *Mathematics* (8)

Berger, Bonnie	Massachusetts Institute of Technology
Birman, Joan S.L.	Barnard College, Columbia University
Caflisch, Russel E.	University of California, Los Angeles
Liggett, Thomas Milton	University of California, Los Angeles
Ngô, Bao Châu	University of Chicago
Poonen, Bjorn Mikhail	Massachusetts Institute of Technology
Strogatz, Steven H.	Cornell University
Taylor, Richard Lawrence	Institute for Advanced Study

#### Foreign Honorary Member – *Mathematics*

Boutet de Monvel, Louis	Université Pierre et Marie Curie, Paris, France
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#### SECTION 2 – *Physics* (9)

Aeppli, Gabriel	London Centre for Nanotechnology, London, United Kingdom
Andrei, Eva Y.	Rutgers University
Bucksbaum, Philip Howard	Stanford University
Klebanov, Igor R.	Princeton University
Levine, Herbert	University of California, San Diego
Sadoulet, Bernard	University of California, Berkeley
Yablonovitch, Eli	University of California, Berkeley
Young, Alan Peter	University of California, Santa Cruz
Zamolodchikov, Alexander B.	Rutgers University

**SECTION 3 – *Chemistry* (7)**

Griffin, Robert Guy	Massachusetts Institute of Technology
Hammes-Schiffer, Sharon	Pennsylvania State University
Kahne, Daniel	Harvard University
Macmillan, David W.C.	Princeton University
Stoddart, James Fraser	Northwestern University
Vaida, Veronica	University of Colorado, Boulder
Yang, Peidong	University of California, Berkeley

**Foreign Honorary Members – *Chemistry***

Parrinello, Michele	Eidgenössische Technische Hochschule Zürich, Switzerland
Schwarz, Helmut	Technische Universität, Berlin, Germany/ Alexander von Humboldt Foundation

**SECTION 4 – *Astronomy (including Astrophysics) and Earth Sciences* (8)**

Cashman, Katharine Venable	University of Oregon
Fischer, Debra Ann	Yale University
Kahn, Steven Michael	Stanford University
Kent, Dennis V.	Rutgers University
Loeb, Abraham	Harvard University
Rodríguez-Iturbe, Ignacio J.	Princeton University
Spergel, David Nathaniel	Princeton University
Ward, William	Southwest Research Institute

**SECTION 5 – *Engineering Sciences and Technologies* (8)**

Belcher, Angela M.	Massachusetts Institute of Technology
Collins, James Joseph	Boston University
Kramer, Edward J.	University of California, Santa Barbara
Lewis, Jennifer	University of Illinois at Urbana-Champaign
Olson, Gregory Bruce	Northwestern University
Panagiotopoulos, Athanassios Z.	Princeton University
Ruckenstein, Eli	University at Buffalo, State University of New York
Stephanopoulos, George	Massachusetts Institute of Technology

**Foreign Honorary Member – *Engineering Sciences and Technologies***

Pendry, John Brian	Imperial College, London, United Kingdom
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**SECTION 6 – *Computer Sciences (including Artificial Intelligence and Information Technologies) (7)***

Arvind	Massachusetts Institute of Technology
Colwell, Robert P.	R&E Colwell & Associates, Inc., Portland, Oregon
Greif, Irene	IBM Watson Research Center, Cambridge, Massachusetts
Kaashoek, M. Frans	Massachusetts Institute of Technology
Kearns, Michael	University of Pennsylvania
Pearl, Judea	University of California, Los Angeles
Ullman, Jeffrey D.	Stanford University

**CLASS II – BIOLOGICAL SCIENCES (41)**  
*FOREIGN HONORARY MEMBERS (2)*

**SECTION 1 – *Biochemistry and Molecular Biology (8)***

Berger, James M.	University of California, Berkeley
Boeke, Jef D.	Johns Hopkins University School of Medicine
Elgin, Sarah C.R.	Washington University in St. Louis
Jacks, Tyler E.	Massachusetts Institute of Technology
Joyce, Gerald Francis	Scripps Research Institute
Reinberg, Danny	New York University School of Medicine
Schulman, Brenda A.	St. Jude Children’s Research Hospital
Simpson, Larry	University of California, Los Angeles Geffen School of Medicine

**SECTION 2 – *Cellular and Developmental Biology, Microbiology and Immunology (including Genetics) (8)***

Barres, Ben A.	Stanford University
Curran, Thomas	University of Pennsylvania Perelman School of Medicine
Ferro-Novick, Susan	University of California, San Diego
Hieter, Philip Andrew	University of British Columbia
Johnston, Mark	University of Colorado, Denver
Kim, Stuart K.	Stanford School of Medicine
Kuroda, Mitzi Irene	Harvard Medical School
McFall-Ngai, Margaret J.	University of Wisconsin-Madison

**Foreign Honorary Member – *Cellular and Developmental Biology, Microbiology and Immunology (including Genetics)***

Clevers, Johannes Carolus	Hubrecht Institute, University of Utrecht, the Netherlands
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**SECTION 3 – *Neurosciences, Cognitive Sciences, and Behavioral Biology* (9)**

Brown, Emery Neal	Massachusetts Institute of Technology
Callaway, Edward Matthew	Salk Institute for Biological Studies
Carlson, John	Yale University
Fettiplace, Robert	University of Wisconsin-Madison
Luo, Liqun	Stanford University
Phelps, Elizabeth A.	New York University
Siegelbaum, Steven A.	Columbia University College of Physicians and Surgeons
Turrigiano, Gina G.	Brandeis University
Wilson, Matthew	Massachusetts Institute of Technology

**SECTION 4 – *Evolutionary and Population Biology and Ecology* (8)**

Blackwell, Meredith M.	Louisiana State University
Frank, Steven Alan	University of California, Irvine
Lake, James A.	University of California, Los Angeles
Losos, Jonathan B.	Harvard University
Seyfarth, Robert M.	University of Pennsylvania
Stanton, Maureen L.	University of California, Davis
Templeton, Alan Robert	Washington University in St. Louis
Werren, John Haynes	University of Rochester

**Foreign Honorary Member – *Evolutionary and Population Biology and Ecology***

Schluter, Dolph	University of British Columbia, Vancouver, Canada
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**SECTION 5 – *Medical Sciences (including Physiology and Pharmacology), Clinical Medicine, and Public Health* (8)**

Arvin, Ann Margaret	Stanford University
Corey, Lawrence	Fred Hutchinson Cancer Research Center/ University of Washington
Druker, Brian Jay	Oregon Health and Science University
Koretzky, Gary A.	University of Pennsylvania Perelman School of Medicine
Lifton, Richard P.	Yale School of Medicine
Mathis, Diane J.	Harvard Medical School
Rodgers, Griffin Platt	National Institutes of Health
Scadden, David T.	Harvard Medical School/ Massachusetts General Hospital

**CLASS III – SOCIAL SCIENCES (35)**

*FOREIGN HONORARY MEMBER (1)*

**SECTION 1 – *Social and Developmental Psychology and Education* (7)**

Diener, Edward Francis	University of Illinois at Urbana-Champaign
Eagly, Alice Hendrickson	Northwestern University
Gilovich, Thomas D.	Cornell University
Kitayama, Shinobu	University of Michigan
McCartney, Kathleen	Harvard Graduate School of Education
Trope, Yaacov	New York University
Wellman, Henry M.	University of Michigan

**SECTION 2 – *Economics* (7)**

Autor, David	Massachusetts Institute of Technology
Bertrand, Marianne	University of Chicago Booth School of Business
Finkelstein, Amy	Massachusetts Institute of Technology
Kalai, Ehud	Northwestern University Kellogg School of Management
Mailath, George J.	University of Pennsylvania
Moffitt, Robert A.	Johns Hopkins University
Zingales, Luigi G.	University of Chicago Booth School of Business

**SECTION 3 – *Political Science, International Relations, and Public Policy* (8)**

Carey, John M.	Dartmouth College
Carmines, Edward G.	Indiana University
Druckman, James N.	Northwestern University
Gerber, Elisabeth R.	University of Michigan Gerald R. Ford School of Public Policy
Hutchings, Vincent Lamont	University of Michigan
Robinson, James A.	Harvard University
Segal, Jeffrey A.	Stony Brook University, State University of New York
Whittington, Keith E.	Princeton University

**SECTION 4 – *Law (including the Practice of Law)* (6)**

Diamond, Shari Seidman	Northwestern University School of Law
Levinson, Daryl	New York University School of Law
Mahoney, Maureen	Latham & Watkins, Washington, District of Columbia
Vermeule, Adrian	Harvard Law School
Weisbach, David A.	University of Chicago Law School
Wilkins, David Brian	Harvard Law School

**SECTION 5 – *Archaeology, Anthropology, Sociology, Geography and Demography* (7)**

Bass, George F.	Texas A&M University
Brown, James Allison	Northwestern University
Carneiro, Robert Leonard	American Museum of Natural History
Greenhouse, Carol	Princeton University
Hurtado, Ana Magdalena	Arizona State University
O’Shea, John Michael	University of Michigan
Walder, Andrew G.	Stanford University

**Foreign Honorary Member – *Archaeology, Anthropology, Sociology, Geography, Demography***

Descola, Philippe	Collège de France, Paris, France
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**CLASS IV – HUMANITIES AND ARTS (44)**

*FOREIGN HONORARY MEMBERS (7)*

**SECTION 1 – *Philosophy and Religious Studies* (8)**

Boghossian, Paul	New York University
Bratman, Michael E.	Stanford University
Burgess, John P.	Princeton University
Mendes-Flohr, Paul	University of Chicago Divinity School
Porter, Jean	University of Notre Dame
Stump, Eleonore	Saint Louis University
Wright, Crispin J.G.	New York University
Yablo, Stephen	Massachusetts Institute of Technology

**Foreign Honorary Member – (1)**

Recanati, François	Institut Jean Nicod/ Centre National de la Recherche Scientifique, Paris, France
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**SECTION 2 – *History* (7)**

Alder, Ken L.	Northwestern University
Blight, David William	Yale University
Cohen, Lizabeth	Harvard University
Engelstein, Laura	Yale University
McCormick, Michael	Harvard University
Ruiz, Vicki L.	University of California, Irvine
Stern, Steve J.	University of Wisconsin-Madison

**SECTION 3 – *Literary Criticism (including Philology) (7)***

Benfey, Christopher	Mount Holyoke College
Dayan, Colin	Vanderbilt University
Mendelsohn, Daniel	New York, New York
North, Michael A.	University of California, Los Angeles
Roach, Joseph	Yale University
Roskies, David G.	Jewish Theological Seminary
Schuchard, W. Ronald	Emory University

**SECTION 4 – *Literature (Fiction, Poetry, Short Stories, Nonfiction, Playwriting, Screenwriting) (7)***

Birkerts, Sven	Bennington College
Mallon, Thomas	George Washington University
Sanders, Scott Russell	Indiana University
Stallings, Alicia Elsbeth	Athens, Greece
Stern, Gerald	Drew University
Wineapple, Brenda	New York, New York

**Foreign Honorary Member – *Literature (Fiction, Poetry, Short Stories, Nonfiction, Playwriting, Screenwriting)***

Hare, David	London, United Kingdom
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**SECTION 5A – *Visual Arts – Criticism and Practice (8)***

Bergdoll, Barry	Museum of Modern Art
Boone, Elizabeth Hill	Tulane University
Bruzelius, Caroline A.	Duke University
Pinkney, Jerry	Jerry Pinkney Studio
Smith, Kiki	New York, New York
Trachtenberg, Marvin	New York University
Van Zanten, David T.	Northwestern University
Walker, Kara	Columbia University

**Foreign Honorary Members – *Visual Arts – Criticism and Practice***

Kentridge, William	Johannesburg, South Africa
Rawson, Jessica	University of Oxford, United Kingdom

**SECTION 5B – *Performing Arts – Criticism and Practice* (9)**

Eastwood, Clinton	Beverly Hills, California
Feldman, Martha	University of Chicago
Goto, Midori	University of Southern California Thornton School of Music
Malick, Terrence	Austin, Texas
Previn, André George	New York, New York
Ross, Alex	<i>The New Yorker</i>
Thomas, Augusta Read	University of Chicago
von Stade, Frederica	Alameda, California

**Foreign Honorary Members – *Performing Arts – Criticism and Practice***

McCartney, Paul	London, United Kingdom
Saariaho, Kaija	Paris, France
Wheeldon, Christopher	London, United Kingdom

**CLASS V – PUBLIC AFFAIRS, BUSINESS, AND ADMINISTRATION (35)**

***FOREIGN HONORARY MEMBERS (3)***

**SECTION 1 – *Public Affairs, Journalism, and Communications* (11)**

Baron, Martin	<i>The Boston Globe</i>
Bawa, Kamaljit Singh	Ashoka Trust/ University of Massachusetts
Bredesen, Philip N.	Nashville, Tennessee
Burns, R. Nicholas	Harvard Kennedy School
Clinton, Hillary Rodham	U.S. Department of State
Eikenberry, Karl W.	Stanford University
Fins, Joseph J.	Weill-Cornell Medical College
Giles, Robert H.	GlobalPost, Boston, Massachusetts
Schudson, Michael	Columbia University
Wilson III, Ernest J.	University of Southern California
Woodruff, Judy	PBS <i>Newshour</i>

**Foreign Honorary Members – *Public Affairs, Journalism and Communications***

Ridley, Matthew White	Newcastle-upon-Tyne, United Kingdom
Terragno, Rodolfo Hector	Fundación Argentina Siglo 21, Argentina



**SECTION 2 – *Business, Corporate and Philanthropic Leadership* (14)**

Bezos, Jeffrey Preston	Amazon.com
Frazier, Kenneth C.	Merck and Company
Hauser, Rita Eleanor	Hauser Foundation
Iger, Robert A.	Walt Disney Company
Kelly, Edmund Francis	Liberty Mutual Holding Company
Kovner, Bruce	Caxton Alternative Management LP
Meyer, Jack R.	Convexity Capital Management
Pritzker, Penny S.	PSP Capital Partners and Pritzker Realty Group
Rose, Daniel	Rose Associates, Inc.
Rose, Joanna Semel	New York, New York
Sylla, Richard E.	New York University
Tisch, James S.	Loews Corporation
Weill, Sanford I.	National Academy Foundation
Welters, Anthony	United Health Group

**SECTION 3 – *Educational, Scientific, Cultural and Philanthropic Administration* (10)**

Cohon, Jared Leigh	Carnegie Mellon University
Dzau, Victor J.	Duke University
Gates, Melinda French	Bill and Melinda Gates Foundation
Koblik, Steven S.	Huntington Library, Art Collections & Botanical Gardens
Levy, Reynold	Lincoln Center for the Performing Arts
Martin, Carolyn A.	Amherst College
Marx, Anthony W.	New York Public Library
McRobbie, Michael A.	Indiana University
Oxtoby, David W.	Pomona College
Reif, L. Rafael	Massachusetts Institute of Technology

**Foreign Honorary Member – *Educational, Scientific, Cultural, and Philanthropic Administration***

Serageldin, Ismail	Bibliotheca Alexandrina, Egypt
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