

New Members: Class of 2006

Class I: Mathematical and Physical Sciences

Section 1: Mathematics

Jeff Cheeger

Courant Institute of Mathematical Sciences, New York University, New York, NY

Silver Professor of Mathematics. Leading researcher in Riemannian geometry. Creator or cocreator of theories of finiteness/compactness/collapse, analysis on singular spaces, almost rigidity, and differentiation of Lipschitz functions on singular spaces. Responsible for fundamental results on eigenvalue inequalities, rigidity, analytic torsion, eta-invariants, diffraction, Poincaré duality, Hodge theory, and degeneration of Einstein metrics.

David Eisenbud

University of California, Berkeley, Berkeley, CA

Director of Mathematical Sciences Research Institute; Professor of Mathematics. Author of over 100 professional articles on algebra, singularities, and computational methods. President of the American Mathematical Society. Former member of the Board of Mathematical Sciences and Their Applications, the National Research Council, and the U.S. National Committee of the International Mathematical Union.

Martin Golubitsky

University of Houston, Houston, TX

Cullen Distinguished Professor of Mathematics. Pioneered an approach to the dynamics and the formation of spatial patterns based on the unifying mathematical principles of singularity theory and group theory. Demonstrated the role of symmetry in pattern selection. Known for interdisciplinary work with physicists, biologists, and engineers.

Robert K. Lazarsfeld

University of Michigan, Ann Arbor, MI

Professor of Mathematics. Has worked in several areas of alge-

braic geometry, including modern intersection theory, positivity, connectedness, linear series, the Nullstellensatz, syzygies, and multiplier ideals.

Charles M. Newman

Courant Institute of Mathematical Sciences, New York University, New York, NY

Professor of Mathematics. Director of Courant Institute from 2002 – 2006. Contributed to probability and mathematical physics, with particularly significant contributions to the study of complex stochastic systems, such as aging in systems with disorder, scaling limits of coalescing random walks, and critical percolation.

Craig A. Tracy

University of California, Davis, Davis, CA

Distinguished Professor of Mathematics. Leading researcher in integrable systems. Made contributions to solvable model in statistical physics/field theory, the theory of Fredholm and Toeplitz determinants, and random matrix theory. With colleagues, was the first to show relationship between solvable statistical models and integrable systems. Codiscoverer of the Tracy-Widom distributions.

Harold Widom

University of California, Santa Cruz, Santa Cruz, CA

Professor of Mathematics, Emeritus. Researcher on concrete operator theory and related asymptotic problems. Made contributions to the theory of Fredholm determinants, Toeplitz determinants, orthogonal polynomials, Painlevé equations, and random matrix theory. Together with Craig Tracy, discovered the Tracy-Widom distributions.

Section 2: Physics

David D. Awschalom

University of California, Santa Barbara, Santa Barbara, CA

Professor of Physics. Developed new temporal and spatial optical probes of matter for pioneering studies of spin dynamics in semiconductors and nanostructures.

Leader in the electrical and optical control of both electron and nuclear magnetization. Discoveries include observation of magnetic polarons, long-lived electron spin coherence, and the spin Hall effect.

Susan N. Coppersmith

University of Wisconsin-Madison, Madison, WI

Professor of Physics and Department Chair. Developed theories of sliding charge density waves in solids and of force fluctuations in bead packs. Demonstrated the importance of residual frustration in disordered materials in the presence of dipolar interactions. Effective collaborator with experimentalists and leader on many national physics bodies.

Savas Dimopoulos

Stanford University, Stanford, CA

Professor of Physics. Contributed to all of the major theoretical approaches to new TeV-scale physics beyond the standard model, including the idea of extended technicolor, the supersymmetric standard model and supersymmetric grand unified theories, and the proposal of TeV-scale quantum gravity with large extra dimensions.

Stuart Jay Freedman

University of California, Berkeley, Berkeley, CA

Luis W. Alvarez Memorial Chair in Experimental Physics. Precision studies of neutrinos include leadership role in Kam-LAND, a terrestrial verification that oscillations account for the solar-neutrino problem. In nuclei and atoms, probed “hidden variables,” tested quark mass-matrix unitarity in precise beta-decay experiments, and derived new constraints on axions and other exotic particles.

Margaret Mary Murnane

University of Colorado, Boulder, Boulder, CO

Professor of Physics; Fellow, JILA. Scientist in ultrafast laser science. Pioneered the generation of very short, sub-10 femtosecond, pulses from Ti:sap-

phire lasers. Applications of work range from ultrafast coherent X-ray generation, frequency metrology using frequency combs, attosecond chemical physics, and materials and biological imaging.

Nai-Phuan Ong

Princeton University, Princeton, NJ

Eugene Higgins Professor of Physics. Experimentalist studying the electronic transport properties of unusual metals. Used this specialty to make a sequence of discoveries from sliding charge-density waves to many theoretically significant properties of the high-temperature cuprate superconductors.

Stephen H. Shenker

Stanford University, Stanford, CA

Richard Herschel Weiland Professor of Physics. Contributions include basic insights into gauge theory dynamics; discovery of representations of conformal symmetry important in statistical mechanics, mathematics, and string theory; and covariant quantization and nonperturbative matrix formulations of string and M-theory.

Section 3: Chemistry

Dale L. Boger

Scripps Research Institute, La Jolla, CA

Richard and Alice Cramer Professor of Chemistry. Contributed to the synthesis and understanding of the structure-activity relationships of complex natural products of medicinal importance. Contributed to organic and natural products synthesis as well as medicinal and bioorganic chemistry, including the development of new synthetic methodology used to synthesize biologically important natural products and key analogs used to define their mode of action and chemical behavior.

Barbara J. Finlayson-Pitts

University of California, Irvine, Irvine, CA

Professor of Chemistry. Led investigations of sea-salt aerosols in atmospheric chemistry. Re-

search spans fundamental laboratory studies, particularly on heterogeneous reactions in the atmosphere. Findings are recognized as key to understanding chemical processes in the Earth's boundary layer. Book on atmospheric chemistry widely used.

J. Andrew McCammon

University of California, San Diego, La Jolla, CA

Joseph E. Mayer Professor of Theoretical Chemistry; Professor of Pharmacology; Investigator, Howard Hughes Medical Institute. Introduced molecular dynamics simulations into biochemistry. Invented methods for predicting and interpreting molecular recognition using schemes based on statistical mechanics; calculating rates of diffusion-controlled reactions; and showing how macromolecular dynamics govern biological activity, molecular recognition, and macromolecular assembly.

Geraldine L. Richmond

University of Oregon, Eugene, OR
Richard M. and Patricia H. Noyes Professor of Chemistry. Led studies of molecular structure and adsorption at complex interfaces that have advanced contemporary surface science and spectroscopy. Contributions include understanding water structure and hydrogen bonding at surfaces, surfactant and biomolecular assembly at fluid interfaces, and structure and dynamics at semiconductor and metal/liquid junctions.

James Lauriston Skinner

University of Wisconsin-Madison, Madison, WI

Joseph O. Hirschfelder Professor of Chemistry; Department Chair. Research has produced fundamental understanding and widely used models of spectral lineshapes in crystals and amorphous solids, of single molecule spectroscopy in solids, of lineshapes and dynamics of chromophores in liquids, and of vibrational and electronic relaxation in liquids, solids, and supercritical fluids.

Amos Brittain Smith III

University of Pennsylvania, Philadelphia, PA

Rhodes-Thompson Professor of Chemistry. Leader in stereo-rational synthesis of architecturally complex natural and unnatural products, possessing important bioregulatory properties of significance to medicine; the design and synthesis of novel peptidomimetics devoid of an amide backbone capable of existing in extended β -strands/sheets and β -turn like conformations; and the early exploration of fullerene chemistry.

Timothy Manning Swager

Massachusetts Institute of Technology, Cambridge, MA

John D. MacArthur Professor of Chemistry and Department Head. Designed polymeric and liquid crystalline materials with emphasis on the translation of molecular structure and properties to materials with technologically useful properties. Demonstrated and applied self-amplifying sensory polymers using energy and charge transport. Designed liquid crystals with improved order, extended dipoles, and amplified chirality.

Abraham Nitzan (FHM)

Tel Aviv University, Tel Aviv, Israel

Professor of Chemistry. Uses physical insight, close experimental collaboration, and sophisticated formal and numerical methods to explore, explicate, and solve significant problems in molecular chemistry and physics. Invented new theoretical techniques for experimental prediction and interpretation.

Section 4: Astronomy (including Astrophysics) and Earth Sciences

Charles R. Alcock

Harvard-Smithsonian Center for Astrophysics, Cambridge, MA

Director. Led the search for Massive Compact Objects in the halo of the Milky Way (MACHOS) via gravitational micro-lensing and showed that they were not a major contributor to the Dark

Matter inventory of the universe. Invented one of the first clean tests for the Cosmological Constant (the Alcock-Paczynski effect).

Subir Kumar Banerjee

University of Minnesota, Minneapolis, MN

I.T. Distinguished Professor and Director of the Institute for Rock Magnetism. Central figure in development of rock magnetism as a field of geophysics with applications to magnetization of the seafloor, paleoclimatic and paleoenvironmental change, and disordered magnetism in nanophase particles. Founder of the Institute for Rock Magnetism, a community-based research facility emphasizing cross-fertilization between condensed-matter physics and earth sciences.

James William Head III

Brown University, Providence, RI

Louis and Elizabeth Scherck Distinguished Professor of Geological Sciences. Instrumental in the transformation of planets from astronomical objects to geological objects and in the documentation and understanding of planetary volcanism, tectonism, and climate change and their role in planetary history.

Robert Peichung Lin

University of California, Berkeley, Berkeley, CA

Professor of Physics. Pioneered the study of the acceleration and propagation of solar energetic particles through *in situ* measurements. Responsible for the Reuven Ramaty High Energy Solar Spectroscopic Imager (RHESSI) satellite mission that makes high spatial resolution images of solar X-rays and gamma rays to determine the sites of local electron and ion acceleration on the sun.

Guust Nolet

Princeton University, Princeton, NJ

George J. Magee Professor of Geophysics and Geological Engineering. Early pioneer in the development of the major tool for studying the interior of the Earth: broadband digital seismology.

Contributed to geophysical inverse theory and seismic tomography, which have revolutionized understanding of the three-dimensional structure of the Earth's 3000-kilometer-thick rocky mantle.

Anneila Isabel Sargent

California Institute of Technology, Pasadena, CA

Benjamin M. Rosen Professor of Astronomy; Director of Combined Array for MM Astronomy. Observational astronomer. Discoveries show how stars and planetary systems form in our own and other galaxies.

Joanne Simpson

NASA/Goddard Space Flight Center, Greenbelt, MD

Chief Scientist Emeritus for Meteorology. Developed the first analytical cumulus cloud model. Improved understanding of the effects of cloud radiation and precipitation on climate using satellite measurements of tropical rainfall. Originated "hot tower hypothesis," showing the vital role that clouds and mesoscale processes play on tropical wind circulations and their variability, and on the formation and growth of hurricanes.

Section 5: Engineering Sciences and Technologies

Linda Marie Abriola

Tufts University, Medford, MA

Dean of Engineering; Professor of Civil and Environmental Engineering. Expert in groundwater contamination and remediation, specifically the mathematical modeling of the subsurface transport of nonaqueous phase liquid contaminants and the processes influencing the migration, entrapment, persistence, and recovery of these organic compounds. Work inspired a new discipline within groundwater studies.

Robert Alan Buhrman

Cornell University, Ithaca, NY

John Edson Sweet Professor of Engineering; Director of the

Center for Nanoscale Systems. In quantum and nanoelectronic science, inventions include Ballistic Electron Magnetic Microscopy for magnetic structure imaging; nanofabricated point contacts for electron scattering spectroscopy, yielding understanding of electromigration, two-level tunneling defects, and spin transport; superconducting nanostructures for sensors and logic; metallic nanoparticle fabrication; and magnetic nanostructures for spin-polarized-current switching and microwave excitation of nanomagnets.

Shu Chien

University of California, San Diego, La Jolla, CA

Professor of Bioengineering and Medicine. Using approaches ranging from molecular biology and cell biophysics to integrative physiology and engineering modeling, contributed to understanding of the determinants of blood viscosity, cell deformability, cell interaction, and effects of mechanical forces on signal transduction and gene expression in endothelial cells in health and disease.

Robert Willis Hellwarth

University of Southern California, Los Angeles, CA

George T. Pflieger Chair in Electrical Engineering; Professor of Physics. Contributed to early developments in lasers at the Hughes Research Laboratories. Contributor to the new field of photonics and to improving instruments for astronomy. Developed a widely used technique for generating time-reversed replicas of image-bearing optical beams.

Pravin P. Varaiya

University of California, Berkeley, Berkeley, CA

Nortel Networks Professor of Electrical Engineering and Computer Science. Research encompasses a broad range of problems in systems and control, including game theory and stochastic control, measurement and analysis of highway performance, economics of power systems, and wireless communication and sensor networks.

Choon Fong Shih (FHM)

National University of Singapore, Singapore, Republic of Singapore

President. Work has provided the basis for several key aspects of nonlinear fracture mechanics. Approaches to structural integrity analysis have been widely adopted by industry and government. Technical and educational leadership has influenced the educational enterprise in Singapore.

Section 6: Computer Sciences (including Artificial Intelligence and Information Technologies)

Leonard M. Adleman

University of Southern California, Los Angeles, CA

Distinguished Henry Salvatori Professor of Computer Science; Professor of Molecular Biology. Conducts research on the problem of primality testing. Exhibited a fast algorithm to distinguish prime numbers from composite numbers. Work on cryptography led to a method of encoding digital information (RSA) that is virtually impossible to break. Introduced the notion of DNA computers and the area of molecular computation. Winner of the 2002 Turing Award.

Erich Bloch

The Washington Advisory Group, Washington, DC

Principal. Led the IBM System/360 semiconductor and manufacturing effort. As Director at the National Science Foundation (1984–1990), raised the stature, size, and scope of the institution. As advisor to governments, industry, and educational institutions, improved U.S. industrial competitiveness as well as science and engineering research and education.

David Haussler

University of California, Santa Cruz, Santa Cruz, CA

Professor of Biomedical Engineering; Investigator, Howard Hughes Medical Institute. Leader in the fields of computational learning theory and bioinformatics. Intro-

duced the use of powerful statistical models (hidden Markov models and related methods) to the analysis of biological sequences of DNA, RNA, and proteins. Contributed to the International Genome Project by helping to provide a computational solution that allowed the completion of the first working draft of the human genome.

Donald A. B. Lindberg

National Institutes of Health, Bethesda, MD

Director, U.S. National Laboratory of Medicine (NLM). Leader in applying computer technology and artificial intelligence to the health sciences. Chaired the U.S. Government's High Performance Computing Initiative. Made contributions to information and computer activities in medical diagnosis, artificial intelligence, and educational programs. Responsible for implementing state-of-the-art digital library and its worldwide services at the NLM. Recipient of numerous awards.

A. Richard Newton

University of California, Berkeley, Berkeley, CA

Dean of the College of Engineering; Roy W. Carlson Professor of Engineering. Contributed to the design of microelectric circuits. Research and teaching have influenced electronic design in academia and industry. National and international spokesperson for the role of engineering in service to society.

David Andrew Patterson

University of California, Berkeley, Berkeley, CA

E. H. and M. E. Pardee Professor of Computer Science. President of the Association for Computing Machinery (ACM). Coauthor, with John Hennessy, of a book on computer architecture that transformed the field from art to engineering and science. Pioneer of Redundant Arrays of Inexpensive Disks (RAID) and Reduced Instruction Set Computer (RISC) and also coined those terms. Current work is on fault-tolerant systems.

Charles P. Thacker

Microsoft Corporation, Redmond, WA

Distinguished Engineer. Computer system designer. Accomplishments include the Xerox PARC Alto (world's first personal workstation), the DEC SRC Firefly (world's first multiprocessor workstation), Autonet/AN2 (a high-bandwidth self-healing mesh-connected local area network), and the Microsoft Tablet PC (pen-based computing).

Class II: Biological Sciences

Section 1: Biochemistry and Molecular Biology

Michael R. Botchan

University of California, Berkeley, Berkeley, CA

Professor of Biochemistry and Molecular Biology. Impacted current views of eukaryotic replication, recombination, gene expression, and neoplastic transformation in DNA tumor virus genome integration and excision, Bovine Papilloma Virus, DNA replication in vitro, and characterization of origin replication complexes in *Drosophila*.

Solomon Walter Englander

University of Pennsylvania School of Medicine, Philadelphia, PA

Jacob Gershon-Cohen Professor of Medical Science; Professor of Biochemistry and Biophysics. Developed the chemistry and structural physics of protein and nucleic acid hydrogen exchange processes and their use to analyze structure, stability, dynamics, and structure change. Found the basic foldon substructure of protein molecules and its role in protein folding mechanisms.

Joachim Frank

State University of New York, Albany, NY

Professor of Biomedical Sciences; Adjunct Professor of Biology; Investigator, Howard Hughes Medical Institute. Developed single-particle methods in cryo-electron microscopy. Work on the structures of ribosomes during protein synthesis explains many features

of the mechanics of these complex molecular machines.

James L. Manley

Columbia University, New York, NY
Judith Clarence Levi Professor of Life Sciences. Made contributions to eukaryotic gene expression. Identified the key factors and elucidated the mechanism of mRNA polyadenylation. Discovered the first alternative splicing factor (SR protein) and provided first direct evidence for RNA catalysis of mRNA splicing. Demonstrated unexpected links between RNA processing, transcription, and DNA damage signaling.

Lynne E. Maquat

University of Rochester Medical Center, Rochester, NY
Dean's Endowed Chair and Professor of Biochemistry and Biophysics. Scientific work defined a conserved pathway that identifies and degrades aberrant RNAs that prematurely terminate protein synthesis in eukaryotic cells. Discoveries have had an impact on the understanding of how mutations cause human disease and have illuminated fundamental mechanisms evolved by cells to avoid the expression of defective proteins.

Cecile M. Pickart

Johns Hopkins University, Baltimore, MD
Professor of Biochemistry and Molecular Biology. Conducted research in the ubiquitin-proteasome field. Made contributions to the understanding of ubiquitin-conjugating enzymes in mammals. Provided first mechanistic analysis of a de-ubiquitylating enzyme and the discovery of its inhibitor ubiquitin-aldehyde. Performed functional dissection of topologically distinct multi-ubiquitin chains. Identified poly-ubiquitin chain receptor of the 26S proteasome. Deceased.

George F. Vande Woude

Van Andel Research Institute, Grand Rapids, MI
VARI Founding Director and Distinguished Scientific Investigator. Established molecular cloning of retrovirus genomes and cellular protooncogenes, discovering the structure and enhancer function

of proviral long terminal repeats. Demonstrated that a normal cellular gene can be activated as an oncogene. Found that Mos proto-oncoprotein regulates vertebrate meiosis. Discovered that Met proto-oncoprotein is hepatocyte growth factor receptor and is involved in human cancer.

Maurizio Brunori (FHM)

University of Rome, Rome, Italy
Professor of Chemistry and Biochemistry. Conducts research in the biochemistry and biophysics of metalloproteins, with discoveries on the structure, function, evolution, and dynamics of myoglobins and hemoglobins. Main contributions include allosteric properties of hemoglobin, evolution of oxygen carriers, structural dynamics and folding of proteins, biological electron transfer and energy transduction. Member of the Academia dei Lincei and President of the Pasteur Institute in Rome.

Section 2: Cellular and Developmental Biology, Microbiology, and Immunology (including Genetics)

Don W. Cleveland

University of California, San Diego, La Jolla, CA
Professor of Medicine, Neuroscience, Cellular and Molecular Medicine. Discovered mechanisms that maintain faithful chromosome inheritance and cell cycle control during normal cellular division in mammals. Discovered the principles of neuronal cell growth and the mechanisms of selective neuronal death in human neurodegenerative disease, especially the pathway underlying paralysis in Amyotrophic Lateral Sclerosis.

Margaret Tatnall Fuller

Stanford University School of Medicine, Stanford, CA
Reed Hodgson Professor of Human Biology/Professor of Developmental Biology and Genetics. Made discoveries in the field of regulation of stem cell self-renewal and differentiation. Working

on spermatogenesis in *Drosophila*, found that the neighboring micro-environment, or niche, plays critical role in maintaining germ line stem cells by activating the JAK-STAT signal transduction pathway to specify stem cell self-renewal. Elucidated critical role of spindle orientation in stem cell fate and underlying mechanisms through which stem cells orient toward the niche to ensure a normally asymmetric outcome of stem cell divisions.

Mark Terry Groudine

Fred Hutchinson Cancer Research Center; University of Washington School of Medicine, Seattle, WA
Member, Division of Basic Sciences and Deputy Director; Professor of Radiation Oncology. Made contributions to understanding eukaryotic gene regulation, including establishing locus control regions (LCRs) and transcriptional elongation control as novel and fundamental paradigms in eukaryotic gene expression. Demonstrated that the organization of the eukaryotic nucleus is dynamic, with changes in subnuclear location of proteins and genes playing an important role in controlling gene expression.

R. Scott Hawley

Stowers Institute for Medical Research, Kansas City, MO
Investigator. Known for genetic and molecular dissection of meiosis in *Drosophila*. Accomplishments include the demonstration that heterochromatic pairing is critical for chromosome segregation and discovery of a novel membrane that surrounds the meiotic spindle.

Susan K. McConnell

Stanford University, Stanford, CA
Susan B. Ford Professor of Biological Sciences. Expanded our understanding of the mechanisms directing development of the cerebral cortex of the mammalian brain. Application of transplantation and molecular techniques elucidated mechanisms of cell fate determination and neuronal identity in the central nervous system.

Peter J. Novick

Yale University, New Haven, CT
Professor of Cell Biology. Led the genetic and molecular discovery of the role of small GTPases in targeting vesicles within the eukaryotic cell. Defined regulatory proteins that activate the GTPase, Sec4p, and a multisubunit "exocyst" that guides the Sec4-vesicle complex to the cell surface.

George F. Oster

University of California, Berkeley, Berkeley, CA
Professor of Cell and Developmental Biology; Professor of Environmental Science, Policy and Management. Created mathematical modeling of biological mechanisms that yielded landmark studies in population, evolutionary, developmental, and molecular biology. Introduced the concept of a Brownian ratchet to explain protein translocation, molecular motors, and cell locomotion. Provided insight into the ATP synthase mechanism.

Edward Dickinson Salmon

University of North Carolina at Chapel Hill, Chapel Hill, NC
James Larkin and Iona Mae Ballo Distinguished Professor of Biology. Cell biologist and biophysicist who studies the molecular mechanisms governing the assembly of spindle microtubules and the segregation of chromosomes during mitosis. Led the development of video and digital imaging microscopy for analysis of molecular and structural dynamics in living cells.

Denis Duboule (FHM)

University of Geneva, Geneva, Switzerland
Director and Professor of Zoology and Animal Biology. Made contributions to the revolution that has occurred in mammalian embryology since the discovery of the homeobox. Work on Hox gene complexes has shown their conservation among animals and how temporal and spatial colinearity of gene expression regulates the development of complex body structures.

Section 3: Neurosciences, Cognitive Sciences, and Behavioral Biology

Laurence F. Abbott

Columbia University, New York, NY
William Bloor Professor of Theoretical Neuroscience. Began career in particle physics and moved into computational neuroscience. Has applied theoretical and computational approaches to numerous problems in neuroscience, including the role of synaptic depression, spike-timing dependent plasticity, cortical processing, and gain modulation. Coauthor of the predominant textbook in the field.

Randolph Blake

Vanderbilt University, Nashville, TN
Centennial Professor of Psychology; Fellow, The Kennedy Center for Human Development. Advanced our understanding of visual perception and its neural bases. Using psychophysical and brain imaging techniques, isolated and characterized stages of visual processing, with emphasis on binocular vision and motion perception. Spokesman for science in the classroom and the community.

Michael Ellis Goldberg

Columbia University, New York, NY
David Mahoney Professor of Brain and Behavior. Combined physiological and behavioral techniques in the awake, behaving monkey. Made contributions to our understanding of the physiological bases of cognitive processes, including the cerebral cortical mechanisms underlying visual attention, the generation of eye movements, and the accurate perception of space for action.

William Tallant Greenough

University of Illinois at Urbana-Champaign, Urbana, IL
Swanlund and Center for Advanced Study Professor of Psychology, Psychiatry and Cell and Structural Biology. First to demonstrate that differences in experience early in life result in altered branching of neuron dendrites and synapse formation in the mammalian brain. Research provided the first clear evidence for the structural basis of memory.

Joseph E. LeDoux

New York University, New York, NY
University Professor; Henry and Lucy Moses Professor of Science. Bridge-builder linking neuroscience, psychology, and psychiatry. Established a neurobiological basis for emotions. Demonstrated how environmental events trigger fear reactions unconsciously through amygdala circuits. Demonstrated that plasticity in the amygdala is key to emotional learning and memory, and identified underlying molecular mechanisms.

Henry Allen Lester

California Institute of Technology, Pasadena, CA

Bren Professor of Biology. Applied a wide range of techniques, including flash-activated molecules, mutagenesis, and incorporation of unnatural sidechains, to the study of the structure and function of ion channels and neurotransmitter receptors. Created mouse models with mutated channels and receptors to study and explain pathophysiology, including nicotine addiction.

Gordon Murray Shepherd

Yale University, New Haven, CT
Professor of Neuroscience. Integrative neurophysiologist. Led the discovery and analysis of brain microcircuits and odor maps. Authored books on brain organization and history of neuron theory. Edited the *Journal of Neuroscience*. Leader in the Human Brain Project, constructing databases supporting neuroscience research.

Section 4: Evolutionary and Population Biology and Ecology

Stephen Russell Carpenter

University of Wisconsin-Madison, Madison, WI

Stephen Alfred Forbes Professor of Zoology. Leading international ecologist. Carried out empirical and theoretical studies on lake productivity and nutrient cycling, and on the resilience of lake ecosystems.

Phyllis D. Coley

University of Utah, Salt Lake City, UT
Professor of Biology. Made contributions to understanding how the environment shapes the evolution of anti-herbivore defenses of plants by altering the costs and benefits, and, in turn, how this affects both herbivores and predators. Applied this ecological insight to design a drug discovery program in tropical forests with the goals of linking economic development and conservation.

Bryan Thomas Grenfell

Pennsylvania State University, University Park, PA

Alumni Professor of Biology. Developed new approaches to understanding the dynamics of infectious diseases of humans and animals by combining modeling and statistics. Applied this approach in particular to the dynamics of childhood infections, such as measles, and the control of foot-and-mouth disease.

Nancy A. Moran

University of Arizona, Tucson, AZ

Regents' Professor of Ecology and Evolutionary Biology. Conducts research on the evolutionary aspects of plant-insect and insect-microbe interactions. Work elucidated the evolution of mutualistic endosymbiotic associations between aphids and their bacterial endosymbionts, and has revolutionized views of the nature of coevolutionary interactions and adaptations to host plants by insects.

Robert Eugene Page, Jr.

Arizona State University, Tempe, AZ

Foundation Professor and Founding Director, School of Life Sciences. In sociogenetics, determined origin and evolutionary consequences of polyandry in social insects. Genetically isolated the primary sex-determining mechanisms for honeybees and most haplodiploid insects. Demonstrated feasibility of genetically mapping behavior in non-model organisms. Maps of honeybee physiology and behavior have revealed novel aspects of the evolution of social insects.

William B. Provine

Cornell University, Ithaca, NY

Charles A. Alexander Professor of Biological Sciences. Authority on the history of population genetics and the evolutionary synthesis. Advocate of communicating the evolutionary perspective to a wide audience of scientists, historians, sociologists, and philosophers of science. Recent publication (2005) is on evolutionary biology, free will, and moral responsibility. Currently writing a history of the theories of neutral molecular evolution.

Barbara Anna Schaal

Washington University in St. Louis, St. Louis, MO

Spencer T. Olin Professor of Biology. Innovative use of molecular methods to document unexpected patterns of genetic diversity in plant populations. Has been instrumental in the development of DNA fingerprinting used universally throughout the discipline. Genetic markers based on work are critical in conservation efforts as well as in phylogeography studies.

Eugenia María del Pino Veintimilla (FHM)

Pontificia Universidad Católica del Ecuador, Quito, Ecuador

Professor of Biological Sciences. Led the study of derived reproductive modes and embryonic development in amphibians with molecular, cellular, endocrinological, developmental, and natural history techniques and analysis. Champion of the conservation of the flora and fauna of the Galápagos Islands.

Takashi Gojobori (FHM)

National Institute of Genetics, Shizuoka-ken, Japan

Professor and Director, Center for Information Biology and DNA Data Bank of Japan. In molecular and genomic evolution, developed methods for DNA sequence data analysis, discovered extremely high rates of viral evolution, found strong functional bias of horizontally transferred bacterial genes, and led teams to annotate the human, mouse, and rice genomes.

Ilkka Aulis Hanski (FHM)

University of Helsinki, Helsinki, Finland

Professor of Zoology. Developed an understanding of the dynamics of fragmented populations or metapopulations through models and field studies with butterflies. Work has implications for understanding both the dynamics of populations and the consequences of human-caused habitat fragmentations.

Yoh Iwasa (FHM)

Kyushu University, Fukuoka, Japan

Professor of Biology. Theoretical ecologist. Research combines theoretical analyses with empirical grounding to produce results in evolutionary ecology. Provides insights into the impacts of global change on vegetation.

Section 5: Medical Sciences (including Physiology and Pharmacology), Clinical Medicine, and Public Health

Jeffrey Allen Bluestone

University of California, San Francisco, San Francisco, CA

A. W. and Mary Margaret Clausen Distinguished Professor of Metabolism and Endocrinology; Director, UCSF Diabetes Center. Made contributions to the biological basis of immunologic tolerance and to defining T-cell regulation in auto-immunity, including diabetes and transplantation. Director of NIH-sponsored international Immune Tolerance Network. Awarded American Society of Transplantation/Roche Distinguished Scientist Award; Juvenile Diabetes Research Association's Mary Tyler Moore and Robert Levine Excellence in Clinical Research Award; and the JDRF Grodsky Distinguished Basic Scientist Award.

Kevin Peter Campbell

University of Iowa, Iowa City, IA

Roy J. Carver Professor of Physiology and Biophysics and Neurology; Investigator, Howard Hughes Medical Institute. Elucidated the

molecular pathogenesis of several forms of muscular dystrophy. Identified key components of the dystroglycan complex, showed how they connect the cytoskeleton to the extracellular matrix, and discovered abnormal structure and function in disease. Studies have clinical implications for diagnosing and treating these forms of muscular dystrophy.

Helen Haskell Hobbs

University of Texas Southwestern Medical Center, Dallas, TX

Eugene McDermott Distinguished Chair for the Study of Human Growth and Development; 1995 Dallas Heart Ball Chair in Cardiology Research; Investigator, Howard Hughes Medical Institute. Discovered gene defects causing premature heart disease and characterized the essential role of these genes in limiting cholesterol accumulation. Demonstrated that low-frequency alleles collectively contribute to concentrations of plasma lipoproteins and identified genetic differences that protect against heart disease by lowering blood-cholesterol levels.

Kenneth Kaushansky

University of California, San Diego, La Jolla, CA

Helen M. Ranney Professor; Chair, Department of Medicine. Brought platelet biology into the molecular era by devising the strategy for the cloning of thrombopoietin (TPO), the key platelet development factor; elucidating the role of TPO in platelet formation and stem cell expansion; and showing how TPO controls the expression of specific homeobox proteins, helping to explain its effects on stem cell biology.

Mark Taylor Keating

Novartis Institutes for Biomedical Research, Cambridge, MA

Global Head of Human Genetics and Ophthalmology. Revolutionized understanding of cardiac arrhythmia by discovering ion channel genes underlying long QT syndrome. Discovered genes causing supravalvular aortic stenosis and Williams syndrome. Pioneering studies advanced the diagnosis and treatment of arrhythmia and understanding of cardiovascular physiology.

Robert W. Mahley

The J. David Gladstone Institutes, San Francisco, CA

President. Made contributions to understanding the pathobiology of apolipoprotein E in atherosclerosis and Alzheimer's disease. Under his leadership, Gladstone has grown to more than 325 employees in three institutes.

Paul Maxime Nurse

Rockefeller University, New York, NY

President and Professor. Biochemist. Awarded the 2001 Nobel Prize in Physiology or Medicine with Leland H. Hartwell and R. Timothy Hunt for their discoveries relating to cell-cycle regulation by cyclin and cyclin-dependent kinases. Current research focuses on the cell cycle of fission yeast. Knighted in 1999 and awarded the French Legion d'Honneur in 2002.

Nahum Sonenberg (FHM)

McGill University, Montreal, Canada

James McGill Professor. Worked on the regulation of translation initiation. Discovered the mRNA 5' cap binding protein, eIF4E. Showed that eIF4E is an oncogene that is activated by the P13K signaling pathway via modulation of newly discovered eIF4E-inhibitory proteins. Described for the first time an eIF4E independent mechanism of translation via an IRES (internal ribosome entry site).

Class III : Social Sciences

Section 1: Social and Developmental Psychology and Education

Richard N. Aslin

University of Rochester, Rochester, NY

William R. Kenan Professor of Brain and Cognitive Sciences. Demonstrated the perceptual abilities of human infants and illuminated the mechanisms by which they learn the structure of their visual and linguistic world.

Reid Hastie

University of Chicago, Chicago, IL

Robert S. Hamada Professor of Behavioral Science. Researcher on judgment and decision making across a wide range of areas. Originator of the "story model" of jury decision making and the theory of explanation-based decision making. Expert on social cognition and memory. Served on the editorial boards of 16 journals and review panels of NSF, NIMH, and NRC.

E. Tory Higgins

Columbia University, New York, NY

Stanley Schachter Professor of Psychology and Professor of Business. Studies the ways cognitive information processing affects human social behavior. Made contributions to social cognition, self-regulation, motivation, and decision making. Recipient of the American Psychological Society's William James Award for Distinguished Achievements in Psychological Science (2000).

Rachel Keen

University of Massachusetts Amherst, Amherst, MA

Professor of Psychology. Developmental psychologist whose research sheds light on the origins and early development of human perception, memory, and representation of objects and events. Conducts experiments on human infants' dawning knowledge of the world and on the developing brain systems that make this knowledge possible.

Joseph E. LeDoux

New York University, New York, NY

University Professor; Henry and Lucy Moses Professor of Science. Bridge-builder linking neuroscience, psychology, and psychiatry. Established a neurobiological basis for emotions. Demonstrated how environmental events trigger fear reactions unconsciously through amygdala circuits. Demonstrated that plasticity in the amygdala is key to emotional learning and memory, and identified underlying molecular mechanisms.

Nora S. Newcombe

Temple University, Philadelphia, PA
James H. Glackin Distinguished Faculty Fellow. Psychologist specializing in cognitive development. Research focuses on spatial competence and autobiographical memory. Author of numerous articles, chapters, and books on topics including the nativism-empiricist debate, the relation of cognitive and neural development, and how cognitive research can be used in education.

Section 2 : Economics

K. Daron Acemoglu

Massachusetts Institute of Technology, Cambridge, MA
Charles P. Kindleberger Professor of Applied Economics. Innovator in labor economics, political economy, and the economics of long-term growth. Recent work suggests important links between a nation's political and legal institutions, often dating to colonial heritage, and long-term economic performance. Made contributions to the analysis of search models when agents follow informed "directed search" strategies; to the empirical analysis of labor-market competition and the returns to education; and to the understanding of technical change, among other topics.

Alberto Alesina

Harvard University, Cambridge, MA
Nathaniel Ropes Professor of Political Economy. Contributor to the field of political economy. Seminal research on political institutions, partisan politics, and macroeconomic outcomes such as budget deficits. Drew attention to the effects of divided-party government. Recent research on international economic institutions.

Donald Wilfrid Kao Andrews

Yale University, New Haven, CT
T. C. Koopmans Professor of Economics. Developed methods now in widespread use in applied econometrics. Provided theoretical insights that serve as the basis for new lines of work in areas including optimal estimation of standard errors in the presence of heteroskedasticity and auto-

correlation; testing for structural breaks; and inference in a variety of nonregular models.

Joshua Angrist

Massachusetts Institute of Technology, Cambridge, MA
Professor of Economics. Developed identification strategies in empirical economics and popularized the use of "natural experiments." Provided econometric tools for evaluating instrumental variable estimates when there are heterogeneous treatment effects. Empirical contributions in labor economics include estimating the impact of military service on civilian earnings, the economic returns to education, the effect of family size on labor supply, and the effect of class size on achievement.

Judith Chevalier

Yale University, New Haven, CT
Professor of Finance and Economics. Demonstrated the effects of a firm's access to capital markets on its pricing behavior in product markets. Developed empirical evidence of the ways in which incentives in the compensation of mutual-fund managers affect risk-taking behavior by these managers. Pioneered the study of pricing behavior by Internet retailers and their offline competitors. Demonstrated factors that affect pricing over business and seasonal cycles.

Andrew Postlewaite

University of Pennsylvania, Philadelphia, PA
Harry P. Kamen Professor of Economics and Professor of Finance. Microeconomist who has done work on incentives, information, and social norms. Known for illuminating which incentive problems vanish and which become intractable when there are many people. Recently branched out into empirical work, investigating the effect of juvenile height on self-esteem and career performance.

David Romer

University of California, Berkeley, Berkeley, CA
Herman Royer Professor in Political Economy. Contributor to understanding how monetary

policy affects aggregate economic fluctuations. Developed micro-foundations for models with nominal price rigidities. Utilized detailed historical records from Federal Reserve meetings to develop indicators for the stance of monetary policy and to evaluate its effects.

James H. Stock

Harvard University, Cambridge, MA
Professor of Economics. Coauthor of a body of research on the joint movements of unemployment and inflation that forms the basis for much modern thinking on this subject. Made contributions to economic forecasting and inference with highly persistent time-series data. Developed methods for inference when instrumental variables are only weakly correlated with endogenous variables.

Stephen Nickell (FHM)

London School of Economics, London, England
Professor of Economics. Established duration models as a means of analyzing unemployment spells, introducing a tool that is now widely used in many fields of economics. Made theoretical and empirical contributions to understanding the determinants of unemployment in the United Kingdom and other European nations and to evaluating how government policies affect labor-market outcomes. Early conceptual work on factor demands under uncertainty remains a standard reference for studies of corporate investment as well as labor demand.

Section 3 : Political Science, International Relations, and Public Policy

Nathaniel Beck

New York University, New York, NY
Professor of Political Science; Chair of the Department of Politics. Political methodologist who introduced and elaborated upon a range of statistical methods, such as time-series cross-sectional, event history, nonparametric regression, and time-series meth-

ods, influencing empirical research in many areas of political science. Current substantive research is on comparative political economy and the study of conflict. Has done prior work on American political economy (particularly monetary policy) and presidential approval. Former Editor of *Political Analysis*.

Michael C. Dawson

University of Chicago, Chicago, IL
John D. MacArthur Professor of Political Science and the College. Author of numerous articles and two books on African American political behavior and public opinion: *Behind the Mule: Race and Class in African-American Politics* and *Black Visions: The Roots of Contemporary African-American Political Ideologies*. Principal investigator of several studies of race and politics in the United States.

Lee Epstein

Northwestern University, Chicago, IL
Beatrice Kuhn Professor of Law and Professor of Political Science. Author of works on law, courts, interest-group litigation, and strategic judicial interactions. Author of twelve books, including the *Constitutional Law for a Changing America* series, and over seventy articles. Former President of the Midwest Political Science Association.

David A. Lake

University of California, San Diego, La Jolla, CA
Professor of Political Science. Led efforts to integrate the study of international relations with ideas drawn from economics, especially transactions costs and problems of incomplete contracting. Work explored strategic interactions among states, international institutions and domestic structures, trade and security, ethnic conflict and terrorism, and democracy and war.

Keith T. Poole

University of California, San Diego, La Jolla, CA
Distinguished Professor of Political Science. Coinvented NOMINATE algorithm, the standard in studies of roll-call voting worldwide. Coauthored studies of po-

larization in American politics, the dimensionality of American politics, party discipline, and party switching. Invented “common-space” and nonparametric scaling methods, allowing comparisons of politicians from different branches of government and in legislatures where parametric methods fail.

John E. Roemer

Yale University, New Haven, CT
Elizabeth S. and A. Varick Stout Professor of Political Science and Economics. Produced works on the concepts of exploitation, equality of opportunity, and electoral competition. Formulated a realistic theory of electoral competition and applied it to illuminate the conditions under which a regime of equal opportunity will be implemented.

Pierre Hassner (FHM)

Fondation Nationale des Sciences Politiques, Paris, France
Professor of Political Science. Combines political philosophy and the historical sociology of international affairs. Leading French specialist of international relations. Disciple of Raymond Aron. Taught at Harvard, Chicago, and Johns Hopkins (Bologna). Author of *La Violence et la Paix* and *La Terre et l'Empire*, as well as many articles. Received the Prix Tocqueville in 2003.

Section 4: Law (including the Practice of Law)

Ian Ayres

Yale University, New Haven, CT
Townsend Professor of Law. Uses economic theory as a tool to generate counterintuitive legal conclusions in areas such as contract and antidiscrimination law. Empiricism – from taxi-cab tipping and kidney transplantation to car theft and reckless sex – demonstrated the real-world relevance of his theoretical conclusions.

Richard H. Fallon, Jr.

Harvard Law School, Cambridge, MA
Ralph S. Tyler Jr. Professor of Constitutional Law. Scholar of the theory and doctrine of constitutional law and federal juris-

diction. Author of *Implementing the Constitution*, *The Dynamic Constitution: Introduction to American Constitutional Law*, and numerous articles. Coeditor of leading casebooks in constitutional law and federal jurisdiction.

Benjamin Walter Heineman, Jr.

Harvard Law School and John F. Kennedy School of Government, Harvard University, Cambridge, MA
Senior Fellow. Pioneered in applying lawyer-statesman concept to role of corporate general counsel and creating a new model and stature for corporate legal departments. Author of books on British race relations and the American presidency. Career in government (Supreme Court law clerk, Assistant Secretary of HEW), law (public-interest lawyer, leader of major law firm, Supreme Court practice), and business (GE general counsel responsible for law, environmental programs, governance, public policy, and corporate social responsibility). Commentator on business, public policy, and their interrelationship.

Larry D. Kramer

Stanford University, Stanford, CA
Dean and Richard E. Lang Professor of Law. Made use of historical sources to develop novel arguments about American constitutionalism: that constitutional interpretation was meant to be the province of the people more than of the Supreme Court, and that the growth of political parties was crucial in making the Constitution work.

Lawrence Lessig

Stanford University, Stanford, CA
Professor of Law. Founder of Stanford's Center for Internet and Society. Teaches and writes in the areas of constitutional law, contracts, and the law of cyberspace. Author of *Free Culture*, *The Future of Ideas*, and *Code and Other Laws of Cyberspace*. Chairs the Creative Commons project. Serves on the board of the Free Software Foundation, the Electronic Frontier Foundation, the Public Library of Science, and Public Knowledge.

John Glover Roberts, Jr.

Supreme Court of the United States, Washington, DC
Chief Justice. Formerly a judge on the U.S. Court of Appeals for the District of Columbia Circuit. Was U.S. Supreme Court advocate in the Solicitor General's office and lawyer in private practice.

Seth Paul Waxman

Wilmer Cutler Pickering Hale and Dorr, LLP; Georgetown University Law Center, Washington, DC
Partner; Faculty member. Supreme Court, appellate, and trial advocate. Lecturer and writer on legal issues. Served as Solicitor General of the United States, 1997–2001. Practice and scholarly interests focus on complex challenges involving governments, public policy, and constitutional issues.

Robert Badinter (FHM)

Senate of the French Republic, Paris, France
Senateur des Hauts de-Seine. Former President, French Constitutional Court. Former French Minister of Justice. Former professor, University of Paris. Author of many books and articles, including *A European Constitution*. Leading campaigner against capital punishment. Visiting professor and lecturer at many U.S. law schools.

Section 5: Anthropology, Archaeology, Sociology, Geography, and Demography

Lawrence D. Bobo

Stanford University, Stanford, CA
Martin Luther King Jr. Centennial Professor; Director of the Center for Comparative Studies in Race and Ethnicity and Program in African and African American Studies. Authority on racial attitudes and relations, political behavior, and social psychology. Founding Editor of the *DuBois Review: Social Science Research on Race*. Coauthor of *Racial Attitudes in America: Trends and Interpretations* and *Prejudice in Politics: Group Position, Public Opinion, and the Wisconsin Treaty Rights Dispute*.

Michael F. Goodchild

University of California, Santa Barbara, Santa Barbara, CA
Professor of Geography and Faculty Lecturer. Produced original research on the use of digital geographic information in spatial and environmental analysis and modeling and its visualization in cartography; on the theory of massive repositories of geographic information; on the question of accuracy and uncertainty in geographic data; and on the design of databases.

Judith Temkin Irvine

University of Michigan, Ann Arbor, MI
Professor of Anthropology. Writings constitute ethnographic corpus on role of language in the social life of Wolof speakers, their ideologies of language, and their social history. Understanding of linguistic ideology has been adopted in anthropology and in sociolinguistics. Past President of Society for Linguistic Anthropology and former Editor of *Journal of Linguistic Anthropology*.

Robert David Sack

University of Wisconsin-Madison, Madison, WI
Clarence J. Glacken and John Bascom Professor of Geography; Professor of Integrated Liberal Studies. Philosopher and logician of geographic thought. Developed a rationale for spatial and place-based understanding built from the character of space-place itself and transcending individual explanatory perspectives. Work informs a wide range of disciplinary concerns, including rules of territorial control and the meaning of artificial worlds.

Charles S. Spencer

American Museum of Natural History, New York, NY
Chairman, Division of Anthropology. Known for explaining the origins of hierarchical societies and the rise of the world's first political states. Combines evolutionary concepts like tempo, mode, variation, and selection with sociopolitical concepts like agency, factionalism, and militarism. Proposed a mathematical model of pristine state formation.

Charles Stanish

University of California, Los Angeles, Los Angeles, CA

Director, The Cotsen Institute of Archaeology; Professor of Anthropology. Work on ecological adaptation showed the way elites overcame Chayanov's rule to create agrarian economies that can support urbanism and stratified society even at 3,800 meters elevation. Explained the rise of civilization on the altiplano of Peru and Bolivia.

Mary C. Waters

Harvard University, Cambridge, MA
M. E. Zukerman Professor of Sociology. Using a combination of demographic analysis, interviews, and fieldwork, explored how white Americans choose alternative possible ethnic identities and analyzed the impact of the U.S. racial order on the life chances of immigrants of color and their children. Research has influenced measurements in the U.S. Census.

Peter Haggett (FHM)

University of Bristol, Bristol, England

Emeritus Professor in Urban and Regional Geography; Senior Research Fellow, School of Geographical Sciences. Instrumental in laying out the foundations of modern geographical science during the 1960s and 1970s. Made contributions to the analysis of disease epidemics, modeling diffusion in original ways and clarifying the relationship between epidemic diseases and their environments.

Victor Pérez-Díaz (FHM)

Analistas Socio Politicos, Madrid, Spain

Professor of Sociology. Established the concept of civil society in his book on the transition of the Franco regime to democracy. Directs a research institute and has written on problems of education, health, trade unionism, and employment in Spain. Taught at a number of American universities.

Class IV: Humanities and Arts

Section 1: Philosophy and Religious Studies

Kit Fine

New York University, New York, NY
Silver Professor of Philosophy of Mathematics. Helped lay the mathematical foundations of modal and relevance logic in the 1960s and 1970s, and went on to develop distinctive views in metaphysics, philosophy of language, and philosophy of mathematics.

William A. Graham

Harvard University, Cambridge, MA
Murray A. Albertson Professor of Middle Eastern Studies and Dean and John Lord O'Brian Professor of Divinity at Harvard Divinity School. Leading expert on Islam. Publications include *Divine Word and Prophetic Word in Early Islam* (ACLS book prize) and *Beyond the Written Word*. Directed Harvard's Center for Middle Eastern Studies.

Anil K. Gupta

University of Pittsburgh, Pittsburgh, PA

Distinguished Professor of Philosophy. Works in logic, philosophy of language, and epistemology. Discovered mathematical approach in the logic of definitions that makes sense of interdependence. Used this approach to construct and defend the revision theory of truth, a prominent theory in the subject. Recent book, *Empiricism and Experience*, offers a new epistemological account of experience.

Richard Kieckhefer

Northwestern University, Evanston, IL

Professor of Religion and History. Working mainly on pre-Reformation Europe, explored the complex interaction of elite and popular (clerical and lay) culture; the relationship between religious ideas and ordinary experience; and the conditions leading to repression of dissent and deviance. Most recently, proposed a new analytical framework for interpreting religious architecture.

Richard Kraut

Northwestern University, Evanston, IL

Charles E. and Emma H. Morrison Professor in the Humanities; Professor of Philosophy and Classics. Research concentrates on the interpretation of the moral and political philosophy of Socrates, Plato, and Aristotle. Books seek both to understand these thinkers in the context of their social world and to retrieve from them insights that remain vital to debates in contemporary philosophy.

David Curtis Steinmetz

Duke University, Durham, NC

Amos Ragan Kearns Professor of the History of Christianity. Intellectual historian known for studies in the history of biblical interpretation in late medieval and early modern Europe. Redefined the terms of debate in several areas of Reformation research, especially in Calvin studies. Founding editor of the series, *Oxford Studies in Historical Theology*.

Nicholas Wolterstorff

Yale University, New Haven, CT

Noah Porter Professor Emeritus of Philosophical Theology. Contributed to metaphysics, aesthetics, philosophy of religion, epistemology, and early modern philosophy. President of American Philosophical Association (Central Division). Authored publications on social, political, and religious questions. Gifford Lecturer, St. Andrews University, and Wilde Lecturer, Oxford University.

Section 2: History

Christopher R. Browning

University of North Carolina at Chapel Hill, Chapel Hill, NC

Frank Porter Graham Distinguished Professor. Author of seven books on the Holocaust. Examines the decision-making process that led to Nazi genocide, and explores how ordinary Germans became mass murderers.

William Cronon

University of Wisconsin-Madison, Madison, WI

Frederick Jackson Turner and Vilas Research Professor of History, Geography, and Environmental Studies. Won the Society of American Historians' Francis Parkman Prize for *Changes in the Land* and several other awards, including the Bancroft Prize for *Nature's Metropolis*. Former Rhodes Scholar, Guggenheim and MacArthur Fellow, and Vice President of the American Historical Association.

Jack P. Greene

Johns Hopkins University, Baltimore, MD

Andrew D. Mellon Professor in the Humanities, Emeritus. Colonial American historian. Authored (or edited) numerous books and articles, such as *Pursuits of Happiness: The Social Development of Early Modern British Colonies and the Formation of American Culture* and *The Intellectual Construction of America: Exceptionalism and Identity from 1492 - 1800*.

Tulio Halperin-Donghi

University of California, Berkeley, Berkeley, CA

Muriel McKevitt Sonne Professor of Latin American History, Emeritus. Historian of Latin America. Studies on Argentina centered initially on the era of post-independence and subsequently on the nineteenth and twentieth centuries. Held appointments at the University of Buenos Aires, Harvard, and Oxford. Authored over twenty books.

Darlene Clark Hine

Northwestern University, Evanston, IL

Board of Trustees Professor of African American Studies and Professor of History. Scholar of African American women's history. Opened new areas of inquiry and approaches to questions of gender, race, and class. Examination of the nuances of rape and its broader psychological affects on black women have been influential. Edited compilations of research materials. Editor of the Oxford University Press 2nd edition of *Black Women in America*, 3 volumes.

James Oliver Horton

*George Washington University,
Washington, DC*

Benjamin Banneker Professor of American Studies and History. Director of Afro-American Communities Project of the National Museum of American History at the Smithsonian Institution. Author of *Black Bostonians*, *Free People of Color*, and *In Hope of Liberty*. Editor of Oxford University Press series, *The Landmarks of American History*. Advisor to museums, historical societies, and the 2005 PBS series *Slavery and the Making of America*. President of the Organization of American Historians, 2004–2005.

Kenneth T. Jackson

Columbia University, New York, NY

Jacques Barzun Professor of History and the Social Sciences; Director of the Herbert H. Lehman Center for the Study of American History. Urban, social, and cultural historian. Made contributions to understanding of the history of New York City and of American suburbanization. Former President of the Organization of American Historians, the Society of American Historians, the Urban History Association, and the New York Historical Society.

Dominick C. LaCapra

Cornell University, Ithaca, NY

Bowmar Professor of Humanistic Studies. Leading European intellectual historian (studies of Durkheim, Sartre, and Flaubert). Interpreter of contemporary theoretical discourses and of poststructuralist theories for historians. Advocate of historical perspectives for theorists. Books on writing history after Auschwitz provide a critique of the uses of trauma theory and psychoanalysis for historical analysis.

Kenneth L. Pomeranz

*University of California, Irvine,
Irvine, CA*

Chancellor's Professor of History. Wrote three books that contributed to our understanding of the interactions of state, society, and economy in the making of late Imperial and twentieth-century China. Reframed the growth of the world economy as the inter-

section of efforts emanating from many places, tracing its surprising impacts on the lives of so-called ordinary people around the world.

Hans-Ulrich Wehler (FHM)

*Universität Bielefeld, Bielefeld,
Germany*

Professor of History. Draws on American as well as German influences in insisting that historical analysis be treated as a social science open to theoretical organization. One of the leaders of a generation of German historians who reformed the German historical profession and addressed the deeper roots of National Socialism in German politics and society.

Section 3: Literary Criticism (including Philology)

Dudley Andrew

Yale University, New Haven, CT

Professor of Film Studies and Comparative Literature. Authority on European and world film. Founding Director of Iowa's Institute for Cinema and Culture. Cochair of Yale's Film Studies Program. Author of 10 books, including *Film in the Aura of Art*, *Concepts in Film Theory*, and *Mists of Regret: Culture and Sensibility in Classic French Film*.

Harry Berger

*University of California, Santa Cruz,
Santa Cruz, CA*

Professor Emeritus of Literature and Art History. Scholar of Renaissance English literature, especially Shakespeare and Spenser, with interests that include art history, anthropology, and philosophy. Founding member of the UCSC English Department, where he has taught for over 30 years. Founder of the critical school of Reconstructed Old New Criticism. Presented with a lifetime achievement award from the International Spenser Society in 2003.

Charles Bernstein

*University of Pennsylvania,
Philadelphia, PA*

Regan Professor of English. Co-editor of *L=A=N=G=U=A=G=E*, a forum for innovative and eccentric poetics in the 1970s, and The Electronic Poetry Center and PennSound, two web archive projects. Books include *Girly Man*, poems and ballads; *Shadowtime*, libretto; *My Way: Speeches and Poems*; *A Poetics*; and *Content's Dream: Essays 1975–1984*.

Richard Charles Murray Janko

*University of Michigan,
Ann Arbor, MI*

Professor and Chair of Classical Studies. Published books on Greek literature and literary criticism, including Homer, Aristotle, and the Philodemus papyri from Herculaneum. Currently working on Orphism, Greek religion, and the Aegean Bronze Age.

David R. Knechtges

*University of Washington,
Seattle, WA*

Professor of Asian Languages and Literature. Philologist. Specialist in early medieval China. Studies and translations have opened up genres and works of Chinese literature and established linkages between Chinese and Western scholars.

Franco Moretti

Stanford University, Stanford, CA

The Danily C. and Laura Louise Bell Professor of English and Comparative Literature; Director of Center for the Study of the Novel. Work on the modern novel combines formal analysis with social history, with a growing emphasis on explanatory models of a scientific nature.

Michael Murrin

University of Chicago, Chicago, IL

David B. and Clara E. Stern Professor in Humanities. Authority on Medieval and Renaissance romance and epics. Analyzed Renaissance allegory as it informs the longer narratives, and studied heroic narratives as expressions of European and extra-European historical, political, and geographic realia. Views them as reflections of their creators.

Peter Ackroyd (FHM)

London Times, London, England

Chief Book Reviewer. Poet, critic, literary theorist, cultural historian, novelist, and nonfiction writer. Wrote biography of T.S. Eliot and biographies of Charles Dickens, William Blake, Thomas More, and Shakespeare. Wrote *London: The Biography* and *Albion: The Origins of the English Imagination* as well as twelve novels, among them *Hawksmoor*, *Chatterton*, *The Clerkenwell Tales*, and *The Lambs of London*. Was Literary Editor (1973–1977) for *The Spectator* magazine in London as well as joint Managing Editor (1978–1982) and film critic.

Section 4: Literature (Fiction, Poetry, Short Stories, Nonfiction, Playwriting, Screenwriting)

Rita Dove

*University of Virginia,
Charlottesville, VA*

Commonwealth Professor of English. U.S. Poet Laureate (1993–1995), and Virginia's Poet Laureate. Awards include the 1987 Pulitzer Prize in Poetry, the National Humanities Medal, the Heinz Award, the Commonwealth Award, and fellowships from the NEA, NEH, and Guggenheim Foundation. Also writes fiction and drama.

Xuefei (Ha) Jin

Boston University, Boston, MA

Professor of English. Won the PEN/Faulkner Award for Fiction in 2000 for *Waiting* and in 2005 for *War Trash*. Other awards include the National Book Award (1999 for *Waiting*), the PEN/Hemingway Award (1998 for *Ocean of Words*), and the Flannery O'Connor Award (1998 for *Under the Red Flag*).

Phillip Lopate

Hofstra University, Brooklyn, NY

John Crawford Adams Professor of English. Memoirist, essayist, novelist, poet, and anthologist. Observer of the urban scene, the world of cinema, and the literary landscape. Author or editor of nine books, including *The Art of the Personal Essay*.

Lore Segal

New York, NY

Novelist, essayist, translator, and writer of short stories and children's literature. Best known publication, *Other People's Houses*, details her experience as a refugee. Awards include 1986 Academy Award for *Her First American*, American Library Association Notable Book Award in 1970 for *Tell Me a Mitzi*. Contributor of short stories to *The New Yorker*, *The Saturday Evening Post*, *The New Republic*, *Epoch*, and *Commentary*. Contributor of essays to *Social Research*, *Harper's Magazine*, *The Antioch Review*, *Parnassus*, and book reviews to *The New York Times*. Translated several of the Grimm brothers' fairy tales (with cotranslator Randall Jarrell and illustrator Maurice Sendak) in such works as *The Juniper Tree and Other Tales from Grimm*.

Paula Vogel

Brown University, Providence, RI

Adele Kellenberg Seaver Professor of Creative Writing. *How I Learned to Drive* garnered the Pulitzer Prize, Lortel, Drama Desk, the Obie, and the New York Drama Critics Award for Best Play. Winner of numerous other awards. Work was selected for the 2004–2005 season of the Signature Theatre.

Ellen Bryant Voigt

Marshfield, VT

Poet. Author of seven books, most recently *Kyrie* and *Shadow of Heaven*. Awards include a Guggenheim Fellowship, Pushcart Prize, NEA Grant, and an Award in Literature from the American Academy of Arts and Letters.

Rosmarie Waldrop

Providence, RI

Poet; Translator. Produced eighteen books of poetry. Translation of Edmond Jabès' *The Book of Margins* won the Harold Morton Translation Award (1998), and translation of *Some Thing Black* by Jacques Roubaud received the PEN Book of the Month Club Citation (1991). Editor and publisher of Burning Deck Press with husband, poet Keith Waldrop.

William Trevor (FHM)

London, England

Short Story Writer; Playwright; Novelist. Recipient, among other honors, of the Whitbread Book of the Year award for *Felicia's Journey*. Knighted in 2002 by Queen Elizabeth II of Great Britain for his service to literature.

Section 5: Visual and Performing Arts – Criticism and Practice (including Art, Architecture, Sculpture, Music, Theater, Film, Dance)

Alan Alda

New York, NY

Actor; Writer; Director on stage, television, and film. Recently nominated for the Oscar, Tony, and EMMY – and made the *New York Times* bestseller list for *Never Have Your Dog Stuffed* – all in the same year. Thirty-two EMMY nominations, winning six (five for *M*A*S*H* and one for *The West Wing*). Eleven years as host of PBS's *Scientific American Frontiers*.

Keith Christiansen

Metropolitan Museum of Art, New York, NY

Curator of Italian Paintings and adjunct professor at the Institute of Fine Arts of New York University. Has been at The Metropolitan for thirty years, organizing exhibitions ranging from painting in fifteenth-century Siena to Caravaggio and Tiepolo. Has promoted many lesser known Italian artists and artistic movements and has been a keen acquirer for the museum. Received recognition for his contributions to catalogues and scholarly journals.

Meredith Monk

The House Foundation for the Arts, New York, NY

Composer; Singer; Director/Choreographer; Creator of new opera, music theater works, films, and installations. Pioneer in what is now called "extended vocal technique" and "interdisciplinary performance." Started career in the 1960s; tours with her Vocal Ensemble. Acclaimed by audien-

ces and critics as a major force in the performing arts.

Anne Litle Poulet

Frick Collection, New York, NY

Director. Authored works on sculpture and decorative art of the eighteenth and nineteenth centuries. International exhibitions *Clodion* (1992) and *Houdon* (2003) and their catalogues have been models. Curator since the late 1960s. Served at the Metropolitan Museum and the Museum of Fine Arts, Boston.

Martin Scorsese

New York, NY

Actor; Director; Film Producer. Highly admired, if at times controversial, director. Often approaches difficult subject matters in realms of inner-city turmoil, violence, and sex in films such as *Taxi Driver* (1976) and *Gangs of New York* (2002). President of the Film Foundation, a nonprofit organization dedicated to film preservation and decaying motion picture film stock.

Peter Sellars

University of California, Los Angeles, Los Angeles, CA

Professor; Theater and Opera Director. Director of over 100 opera, music, and television productions, specializing in twentieth-century opera. Named Director of Kennedy Center's American National Theater at age 26; Artistic director of Los Angeles Festivals in 1990 and 1993. Recipient of Erasmus Prize and MacArthur Fellowship. Collaborates with contemporary poets, artists, and composers to create innovative projects that challenge the traditional role of performing arts in the modern world.

Steven Stucky

Cornell University, Ithaca, NY

Given Foundation Professor of Composition. Major force in American music. Composer and advocate for American music in post as Resident Composer of the Los Angeles Philharmonic. Conductor at the Green Umbrella series, Ensemble X, and the Aspen Festival. Taught at Eastman, Cornell, Berkeley, and in master classes around the country. Second

Concerto for Orchestra won the Pulitzer Prize in Music in 2005.

Richard Taruskin

University of California, Berkeley, Berkeley, CA

Class of 1955 Professor of Music. American musicologist with wide-ranging interests, including prize-winning work on fifteenth-century sacred music, twentieth-century modernism, and the concept of "early music" performance. Authority on music in Russia. Publications include *Defining Russia Musically* and *Stravinsky and the Russian Traditions*.

Michael Tilson Thomas

San Francisco Symphony, San Francisco, CA

Music Director. Principal Guest Conductor, London Symphony Orchestra; Music Director, Ojai (California) Festival; Founder and Artistic Director, New World Symphony Orchestra.

Don Harrán (FHM)

The Hebrew University of Jerusalem, Jerusalem, Israel

Artur Rubinstein Professor of Musicology, Emeritus. Interested in the subjects of humanism and music; the history of music theory; the Renaissance madrigal; word-tone relationships; music historiography; Jewish music traditions in Renaissance and early Baroque culture; and Jewish women as poets and musicians in the early modern era.

Henri Loyrette (FHM)

Musée du Louvre, Paris, France

President and Director. Scholar of nineteenth-century French art, specifically the art and life of Edgar Degas. Led the French museum system through a period of change. Former Director of the Musée d'Orsay.

Bridget Riley (FHM)

London, United Kingdom

Abstract painter. By 1965 was one of the leading figures in the emerging Op Art movement. In 1968 became the first British painter to win the International Prize at the Venice Biennale. Has had numerous international solo exhibitions and retrospectives.

Class V: Public Affairs, Business, and Administration

Section 1: Public Affairs, Journalism, and Communications

Floyd Abrams

Cahill Gordon & Reindel LLP; Columbia University, New York, NY Partner; William J. Brennan Visiting Professor. First Amendment lawyer. Co-counsel to the *New York Times* in the Pentagon Papers case before the Supreme Court. Defended numerous clients in freedom of speech and press cases. Served as counsel to the Brooklyn Museum of Art in its case against Rudolph Giuliani. Published *Speaking Freely*, a memoir, in 2005.

Dean Paul Baquet

Los Angeles Times, Los Angeles, CA Editor. Served as Managing Editor for 5 years. Won a Pulitzer Prize for investigative reporting at the *Chicago Tribune* in 1988. Held reporting and editorial positions at the *New York Times* and other newspapers.

George H. W. Bush

Houston, TX Forty-first President of the United States (1989–1993). Former Vice President of the United States, Congressman from Texas, and Director of the CIA. Led the United Nations coalition during the 1990–1991 Gulf War. With Soviet President Mikhail Gorbachev, declared a U.S.-Soviet strategic partnership at the summit of July 1991. Spearheaded negotiations that led to the signing of NAFTA in 1993. With former President William Jefferson Clinton, launched efforts to raise funds for victims of Asian tsunamis as well as Hurricane Katrina.

William Jefferson Clinton

William J. Clinton Foundation, New York, NY Forty-second President of the United States (1993–2001). Created more than 22 million jobs during his presidency and led the

strongest economic expansion in U.S. history. Founded the Clinton Foundation, which focuses on health security (with an emphasis on HIV/AIDS), economic empowerment, leadership development and citizen service, and racial, ethnic, and religious reconciliation. Honored with the Jimmy and Rosalynn Carter Award for Humanitarian Contributions to the Health of Humankind from the National Foundation for Infectious Diseases. With former President George H. W. Bush, launched efforts to raise funds for victims of Asian tsunamis as well as Hurricane Katrina.

Gwen Ifill

WETA, Arlington, VA Moderator and Managing Editor, *Washington Week*; Senior Correspondent, *The NewsHour with Jim Lehrer*. Was Chief Congressional and Political Correspondent at NBC News; and Journalist for the *New York Times*, *The Washington Post*, *Baltimore Evening Sun*, and *Boston Herald American*. Serves on the boards of Harvard University's Institute of Politics, the Committee to Protect Journalists, and the University of Maryland's Phillip Merrill College of Journalism.

Steven E. Miller

Harvard University, Cambridge, MA Director, International Security Program, Kennedy School of Government. Editor-in-Chief of *International Security*. Co-author of *Soviet Nuclear Fission, Avoiding Nuclear Anarchy*, and the American Academy monograph, *War With Iraq: Costs, Consequences, and Alternatives*. Editor or coeditor of several books, including *Offense, Defense, and War* and *The Russian Military: Power and Policy*. Cochair of the U.S. Pugwash Committee. Member of the Council of International Pugwash, the Advisory Committee of the Stockholm International Peace Research Institute (SIPRI), the Scientific Committee of the Landau Network Centro Volta (Italy), and former member of the Council of the International Institute for Strategic Studies (IISS).

Victor S. Navasky

The Nation; Columbia University Graduate School of Journalism, New York, NY Publisher Emeritus; George Delacorte Professor of Magazine Journalism. Served as editor and publisher of *The Nation*. Directs the Delacorte Center for Magazine Journalism and chairs the *Columbia Journalism Review*. In 1970s served as an editor at *The New York Times Magazine*. Books include *Kennedy Justice, Naming Names*, which won a National Book Award, and *A Matter of Opinion*, which received the 2005 George Polk Book Award.

Peter G. Peterson

Blackstone Group, New York, NY Senior Chairman and Cofounder. Former U.S. Secretary of Commerce. Former Chair, Federal Reserve Bank of New York (2000–2004). Chairman, Council on Foreign Relations; Founding Chairman, Institute for International Economics; Founding President, The Concord Coalition. CEO of Lehman Brothers (1973–1977) and of Lehman Brothers, Kuhn, Loeb Inc. (1977–1984). Author of several books, including *Running on Empty* and *Facing Up: How to Rescue the Economy from Crushing Debt*.

David Remnick

The New Yorker, New York, NY Editor since July 1998. Staff writer at the magazine since September 1992. *Lenin's Tomb: The Last Days of the Soviet Empire* received both the Pulitzer Prize for non-fiction and a George Polk Award for excellence in journalism.

Section 2: Business, Corporate, and Philanthropic Leadership (Private Sector)

Peter A. Brooke

Advent International Corporation, Boston, MA Chairman. Global and civic-minded venture capitalist. Founder of TA Associates and Advent International. Played an active role in the development of new technological enterprises and global tech-

nology transfer. Devoted to using venture capital as an economic development tool both domestically and internationally. Former Chairman of the Board of Trustees of the Boston Symphony Orchestra; former Trustee of Colgate University and Overseer of Harvard University.

Marshall N. Carter

New York Stock Exchange, New York, NY Chairman. Throughout career in governmental, military, and private sectors, focused on reorganizing world securities clearance and settlement systems, applying new technologies to disaster-relief efforts, and advancing business management. Former Chairman and CEO of State Street Bank and Trust Co. Taught at MIT and Harvard. Chairs Board of Trustees of Boston Medical Center; former board member of the American Bankers Association, National Securities Clearing Corporation, and Honeywell International, Inc. Decorated Marine Corps veteran of Vietnam.

Kenneth Irvine Chenault

American Express Company, New York, NY Chairman and CEO. Serves on the boards of IBM, Mount Sinai NYU Medical Center and Health System, NCAA, and the Arthur Ashe Institute for Urban Health. Member of the Dean's Advisory Board for Harvard Law School and of the Council on Foreign Relations.

Jack Connors

Hill, Holiday, Connors, Cosmopoulos, Boston, MA Founding Partner and current Chairman. Chairman of the Board of Directors of Partners HealthCare (Massachusetts General Hospital and Brigham and Women's Hospital) and Dana-Farber/Partners CancerCare and Harvard CancerCare. Chair of the Board of Fellows at Harvard Medical School and former Chairman of the Board of Trustees at Boston College. Board Member of Partners In Health, Brandeis University, and Emmanuel College.

Joseph Harold Flom

Skadden, Arps, Slate, Meagher & Flom, New York, NY

Partner. Pioneer of corporate law. Philanthropic endeavors include Chairman Emeritus, Woodrow Wilson International Center for Scholars; Trustee, Paine Foundation; service on many New York City Mayoral Commissions, including Chair of the New York City Board of Education's Capital Task Force on Financing and Construction.

William R. Hambrecht

WR Hambrecht + Co, San Francisco, CA

Founder, Chairman, and Co-CEO. Cofounded Hambrecht & Quist in 1968. Led the initial public offerings of many Silicon Valley firms, such as Apple Computer, Genentech, and Adobe Systems. Introduced OpenIPO® as a means to level the playing field for both investors and issuers. Serves on the Board of Trustees for The American University of Beirut; on the Advisory Investment Committee to the Board of Regents of the University of California; and on the Advisory Council to the J. David Gladstone Institutes. Former Chair of the Council on Competitiveness.

Fred Kavli

Kavli Foundation, Oxnard, CA

Founder and Chairman of the Board. As Founder and former Chairman and CEO of Kavlico Corp., Kavli became one of the world's largest suppliers of sensors for aeronautic, automotive, and industrial applications. Educated as a physicist. Is a business leader and philanthropist dedicated to education and research. Established the Kavli Foundation and the Kavli Institute to support interdisciplinary scientific research at leading universities worldwide.

Gershon Kekst

Kekst and Company, New York, NY
Founder and President. Made contributions to the world of business and financial communications. Chairman of the Board of The Jewish Theological Seminary.

Jerome Kohlberg, Jr.

Mt. Kisco, NY

Cofounder, Kohlberg & Co. Formed Campaign Reform Project, pivotal in passing McCain-Feingold Campaign Finance Reform Bill. Chairman, Kohlberg Foundation. Chairman, Salk Institute. Senior Founding Partner, Kohlberg Kravis & Roberts & Co. Formerly with Bear Stearns & Co, Inc. Named to Private Equity Hall of Fame, 1994. Swarthmore College Emeritus Trustee.

Helen Bowdoin Spaulding

Boston Foundation, Boston, MA

Retired Chairman of the Board. Served on boards of more than 30 nonprofit organizations, including Georgetown, Boston University, University of Vermont, New England Aquarium, Wang Center for the Performing Arts, Children's Hospital, Spaulding Rehabilitation Hospital, and United Way of Massachusetts Bay. Member of the Advisory Councils of two programs at Harvard's Kennedy School of Government. Philanthropist of the arts.

Wilma Stein Tisch

Tisch Foundation, New York, NY

Trustee. Philanthropist in education, the arts, and humanitarian causes, both individually and as Cochair of the Board of the Tisch Foundation. President Emerita of WNYC (New York public radio) and of the Federation of Jewish Philanthropies of New York. Serves or has served as a Trustee of Skidmore College as well as a Member of the Board of the Carnegie Corporation of New York, the UJA Federation of New York, the United Way of New York City, and the September 11th Fund.

Leslie H. Wexner

Limited Brands, Inc., Columbus, OH

Founder, Chairman, and CEO. Philanthropist for community causes. Chairman Emeritus, Board of Trustees of the Ohio State University. Provided funding for the Wexner Center for the Arts at the Ohio State University, the Wexner Institute for Pediatric Research at Columbus Children's Hospital, the Wexner Heritage Village, and

the Center for Public Leadership at Harvard University. Founding Chairman, the Columbus Partnership. Trustee, the Columbus Jewish Federation and Foundation. Recipient of numerous international honors and awards, including the United Way of America Alexis de Tocqueville Award, Woodrow Wilson Award for Citizenship, Ordre des Arts et des Lettres, and Knight of the Italian Republic.

Section 3: Educational, Scientific, Cultural, and Philanthropic Administration (Nonprofit Sector)

John David Alexander

Claremont, CA

Former President of Pomona College. Rhodes Scholar. Served as American Secretary of the Rhodes Trust. President of Southwestern at Memphis and Trustee of several foundations and corporations. Awarded a CBE (Hon.) in 1998. President of the American Friends of the National Portrait Gallery, London.

Matthew Goldstein

City University of New York, New York, NY

Chancellor. Former President of Baruch College, President of the Research Foundation, Acting Vice Chancellor for Academic Affairs at CUNY, and President of Adelphi University. Author of three publications on statistics. Member of the Board of Trustees of the JP Morgan Funds, the Albert Einstein School of Medicine, New Plan Excel Realty Trust, Inc., and United Way of New York City.

Lee Herbert Hamilton

Woodrow Wilson International Center for Scholars, Washington, DC

President and Director. Former Congressman from Indiana. Elected to the Eighty-Ninth and to the sixteen succeeding Congresses (January 3, 1965 – January 3, 1999); served as Chair, Select Committee on Intelligence; Chair, Select Committee to Investigate Covert Arms Transactions with Iran; Chair, Joint Economic Committee; Chair, Committee on

Foreign Affairs; and Vice Chair, National Commission on Terrorist Attacks upon the United States, 2002 – 2004. Author of *How Congress Works and Why You Should Care*.

Thomas H. Kean

Robert Wood Johnson Foundation, Princeton, NJ

Chairman, Board of Trustees. Former Governor of New Jersey and President of Drew University. Served on the President's Education Policy Advisory Committee and as Chair of the Education Commission of the States and the National Governors Association's Task Force on Teaching. Chair of the National Commission on Terrorist Attacks upon the United States.

Arthur Elliott Levine

Woodrow Wilson National Fellowship Foundation, Princeton, NJ

President. National spokesperson for education. Recent research focuses on education and schools and improving students' access to higher education. Author of a dozen books and articles, including coauthored book, *When Hope and Fear Collide: A Portrait of Today's College Student*.