With Appreciation . . .

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FROM THE PRESIDENT

In the spring of 1780, as American forces suffered a devastating loss in the Siege of Charleston, John Adams, James Bowdoin, and sixty other visionaries founded the American Academy of Arts and Sciences. The Academy’s charter members pledged to “cultivate every art and science which may tend to advance the interest, honor, dignity, and happiness of a free, independent, and virtuous people.” Now, 237 years later, the American Academy, through its commitment to championing civil dialogue and promoting useful knowledge, continues to advance the interests of the nation and the world.

The pages that follow describe the projects and publications that are the work of Academy Members. Some, like “New Models for U.S. Science and Technology Policy, the Commission on Language Learning, and the Commission on the Future of Undergraduate Education, address issues important to research and higher education. Others, like New Dilemmas in Ethics, Technology, and War and The Public Face of Science, are projects with wider implications for public policy. The Public Face of Science Initiative, for instance, seeks to understand how trust, or mistrust, in science develops.

The Academy’s Exploratory Fund invites Members to meet with their colleagues across disciplines and professions to discuss questions of common interest. Through the Exploratory Fund, Members have examined such topics as the poor record of providing low-income citizens with access to legal representation, the future of jazz, and the need to develop a new international norm to protect cultural heritage in conflict zones.

Academy Members are more active than ever in the commissions, projects, and exploratory meetings described in this publication. And Members are taking responsibility for making the work of the Academy better known so that it can, as the founders imagined, advance the common good. The Academy organized 100 meetings of its Members, 50 of them in 24 cities beyond our Cambridge home base. Local Programs Committees have formed in 12 cities from New Haven to New York and Washington, D.C.; from Houston to St. Louis; and from San Diego to Los Angeles and Berkeley.

We are living at a time when the public and policy-makers are looking for information they can trust and for venues that provide open and civil discourse – in search of a consensus on policies that advance the common good. The Academy, known for its independent, evidence-based research, has an important role to play. I invite Members to contact me if they would like to engage in the work described in the pages that follow or have other ideas they would like to pursue through the Academy.
Academy projects in Science, Engineering, and Technology seek to strengthen the capacity of science and engineering to improve the human condition. This goal has never been more important for the nation, or for the world. Global challenges increasingly require collaboration across disciplinary, professional, and national boundaries, while rapid advances in information processing and transmission raise new issues for both the management of scientific and technical information and for the ability of individuals and institutions to assimilate and act on new discoveries.

Drawing on the broad expertise of its membership and outside experts, Academy studies analyze the impact of advances in science, engineering, and technology and develop policy recommendations that are made available to government, academia, nongovernmental organizations, and the private sector. Activities focus on increasing public understanding of current research and technological change, and on helping society adapt effectively and make meaningful use of new scientific and technical knowledge. Areas of interest include U.S. productivity in science and engineering; public understanding of, and trust in, science, engineering, and medicine; and how the adoption of new technologies shapes, and is shaped by, societal values and individual and institutional decision-making. More information about this program area is available on the Academy’s website at www.amacad.org/science.
PROJECT  NEW MODELS FOR U.S. SCIENCE & TECHNOLOGY POLICY

In September 2014, the New Models for U.S. Science and Technology Policy commission issued its report, *Restoring the Foundation: The Vital Role of Research in Preserving the American Dream*. The report underscored the importance of federally supported research, particularly basic research, that is critical for driving innovation and ensuring economic opportunities. The report also called for long-term planning and sustainability for the nation’s research enterprise.

In today’s fast-paced, high-tech, knowledge-based economy, staying globally competitive requires innovation and rapid integration of new knowledge and technologies that emerge from investments in research and development. The *Restoring the Foundation* report and subsequent follow-up efforts urged a greater focus on the long-term sustainability of the U.S. research enterprise and offered recommendations in three areas that will be critical for securing America’s leadership in science, engineering, and technology in the twenty-first century:

- **Secure America’s Leadership in Science and Engineering Research – Especially Basic Research – by Providing Sustainable Federal Investments.** America is falling behind in innovation by failing to make sustainable long-term investments needed to remain the global leader in industry and commerce.

- **Ensure that the American People Receive the Maximum Benefit from Federal Investments in Research.** Many current policies and practices in government, industry, and universities have become overly burdensome and diminish the productivity of the research system.

- **Regain America’s Standing as an Innovation Leader by Establishing a More Robust National Government-University-Industry Research Partnership.** The United States is in need of a new kind of research partnership that includes government (federal and state), universities (public and private), and industry, as well as philanthropy and private foundations, in which each sector supports the nation’s science and technology research enterprise.

Several initiatives have emerged in response to *Restoring the Foundation*. In June 2015, the Academy joined with a coalition of organizations in issuing “Innovation: An American Imperative,” a statement in support of several of the report’s key recommendations. The leaders of nine large U.S. corporations signed the call to action, which urged Congress to enact policies and make investments to ensure that the United States remains the global innovation leader. Over five hundred organizations from all fifty states have endorsed the call to action.

In October 2015, members of the Innovation Imperative coalition held a public symposium on Capitol Hill, at which industry leaders discussed federal policies and investments that would promote innovation, stimulate economic growth and prosperity, and ensure the country’s health and national security. In January 2016, a bipartisan group of members from both houses of Congress sent a letter to their colleagues that underscored the importance of several policy prescriptions set forth in the *Restoring the Foundation* report and reaffirmed by the Innovation Imperative call to action.

In May 2016, Academy Member Jeannette M. Wing, formerly Corporate Vice President at Microsoft Research, delivered testimony on *Restoring the Foundation* before the Senate Committee on Commerce, Science, and Transportation to further elevate the profile of the report’s recommendations for enhancing the U.S. research enterprise. Legislation addressing several of the report’s recommendations, including affirming the value of peer review and reducing administrative burdens on researchers, was passed by the U.S. Congress in December 2016 and signed into law by President Barack Obama in January 2017. One other recommendation, to strengthen and make permanent the R&D tax credit for businesses, was passed by Congress in December 2015.
NEW MODELS FOR U.S. SCIENCE & TECHNOLOGY POLICY, continued

Project Chairs
Norman R. Augustine
Lockheed Martin Corporation, ret.
Neal Lane
Rice University

Project Members
Nancy C. Andrews
Duke University School of Medicine
John E. Bryson
formerly, U.S. Department of Commerce; formerly, Edison International
Thomas R. Cech
University of Colorado Boulder; formerly, Howard Hughes Medical Institute
Steven Chu
Stanford University; formerly, U.S. Department of Energy
Jared Cohon
Carnegie Mellon University
James J. Duderstadt
University of Michigan
Mark C. Fishman
Harvard University; formerly, Novartis Institutes for BioMedical Research
Sylvester James Gates, Jr.
University of Maryland
Bart Gordon
K&L Gates; formerly, U.S. House of Representatives
M.R.C. Greenwood
University of Hawaii System, ret.
John L. Hennessy
Stanford University
Charles O. Holliday, Jr.
Royal Dutch Shell; formerly, Bank of America; formerly, E. I. du Pont de Nemours and Company
Peter S. Kim
Stanford University; formerly, Merck Research Laboratories
Dana Mead
MIT Corporation
Richard A. Meserve
Covington & Burling LLP; formerly, Carnegie Institution for Science
C. D. Mote, Jr.
National Academy of Engineering; University of Maryland
Venkatesh Narayananmurti
Harvard University
Maxine L. Savitz
Honeywell Inc., ret.
Robert F. Sproull
University of Massachusetts Amherst; formerly, Oracle Corporation
Subra Suresh
Carnegie Mellon University
Shirley M. Tilghman
Princeton University
Jeannette M. Wing
Columbia University; formerly, Microsoft Research
Elias Zerhouni
Sanofi

Project Advisors
John C. Crowley
Charlottesville, VA
Kirstin Matthews
Rice University

Project Staff
John Randell
Shalin Jyotishi
Dorothy Koveal
Alison Leaf
Keerthi Shetty

Funders
Louise Henry Bryson and John E. Bryson
John D. and Catherine T. MacArthur Foundation
Gordon and Betty Moore Foundation
Simons Foundation
Alfred P. Sloan Foundation

Restoring the Foundation: The Vital Role of Research in Preserving the American Dream (American Academy of Arts and Sciences, 2014)
The Public Face of Science initiative engages a broad range of experts in communication, law, humanities, the arts, journalism, public affairs, and the physical, social, and life sciences. The initiative is addressing various aspects of the complex and evolving relationship between scientists and the public, including:

1) **Trust and Perception**: The project is studying how individual beliefs and scientific comprehension affect the perception of and trust in the scientific process, including:
   - How scientific discourse, disputes, and consensus are portrayed in the media;
   - To what extent the public has confidence in the self-correcting nature of science; and
   - How journalistic practices could be refined to better convey the incremental and iterative process of scientific research.

2) **Public and Media Engagement**: The Academy is organizing conversations with members around the country to examine how the public’s understanding of, and trust in, science has varied historically among scientific fields, and to encourage and equip members to engage more closely with nonscientific audiences. Additionally, building on the Academy’s publication *Science and the Media* (2010), the project is organizing a series of discussions with science journalists in Boston and across the country to examine the role of the media (including new outlets such as social, digital, and local media) in shaping the public’s perception of how scientists work, think, collaborate, and debate.

3) **Informing Policy and Action**: To complement the activities described above, the Academy is undertaking a series of short-term (12–18 month) studies examining how scientists are consulted during public decision-making processes. Examples include court decisions and responses to natural disasters and disease outbreaks.

While this project does not directly address scientific literacy in K-12 and adult education, it will inform such efforts by fostering a greater understanding of the public’s attitude toward science. Accordingly, throughout this initiative the Academy will seek opportunities to partner with radio and television producers to create programming that conveys key findings to public audiences.

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**Project Chairs**

Richard A. Meserve  
Covington & Burling LLP; formerly, Carnegie Institution for Science

Geneva Overholser  
The Democracy Fund; formerly, USC Annenberg School for Communication and Journalism

**Steering Group Members**

Emilio Bizzi  
Massachusetts Institute of Technology

Geoffrey Cowan  
University of Southern California

Ellen Futter  
American Museum of Natural History

Sylvester James Gates, Jr.  
University of Maryland; formerly, President’s Council of Advisors on Science and Technology

Robert Hauser  
University of Wisconsin-Madison; American Philosophical Society

Rush D. Holt, Jr.  
American Association for the Advancement of Science

Kathleen Hall Jamieson  
University of Pennsylvania

Venkatesh Narayanamurti  
Harvard University

Nora Newcombe  
Temple University

Kenneth Prewitt  
Columbia University

Rebecca Rimer  
Pew Charitable Trusts

Cristián Samper  
Wildlife Conservation Society

Samuel Thier  
Harvard Medical School; Massachusetts General Hospital

**Project Staff**

John Randell  
Shalin Jyotishi  
Erica Kimmerling  
Alison Leaf  
Keerthi Shetty

**Funders**

Gordon and Betty Moore Foundation  
Rita Allen Foundation  
Alfred P. Sloan Foundation
The Evolving Public Face of Science: Roundtable Discussion with Knight Science Journalism Fellows and Nieman Fellows

September 25, 2016
American Academy
Cambridge, MA

Featured speaker
Geneva Overholser
Democracy Fund; formerly, USC Annenberg School for Communication and Journalism

Participants
Aleszu Bajak
Undark
Deborah Blum
MIT Knight Science Journalism Program
Lolly Bowean
Nieman Fellow
Ivan Carrillo
Knight Science Journalism Fellow
David Corcoran
MIT Knight Science Journalism Program; Undark
Tyler Dukes
Nieman Fellow
Jonathan F. Fanton
American Academy of Arts and Sciences
Chloe Hecketsweiler
Knight Science Journalism Fellow
Shalin Jyotishi
American Academy of Arts and Sciences
Alison Leaf
American Academy of Arts and Sciences
Robert McClure
Knight Science Journalism Fellow
Laurie McDonough
American Academy of Arts and Sciences
Maura O’Connor
Knight Science Journalism Fellow
Rosalia Omungo
Knight Science Journalism Fellow
Sonja Plesset
American Academy of Arts and Sciences
John Randell
American Academy of Arts and Sciences
Meera Subramanian
Knight Science Journalism Fellow
Fabio Turone
Knight Science Journalism Fellow
Bianca Vazquez Toness
Knight Science Journalism Fellow
Heidi Vogt
Nieman Fellow
Lauren Whaley
Knight Science Journalism Fellow
Mark Wolverton
Knight Science Journalism Fellow

Public Engagement Working Group

Spring 2017
American Academy
Cambridge, MA

The Academy convened a Public Engagement Working Group in Spring 2017 under the auspices of the Public Face of Science initiative.

While the public has exhibited relatively stable trust in science over the past several decades, there exists a wide gap between the views of scientists and the public on certain topics, including climate change, genetically modified organisms, and vaccine safety. Emerging scientific advancements, such as artificial intelligence and genetic engineering in humans, bring the risk of additional misalignments in the views of scientists and non-scientists, which will likely complicate the development of public policies and ethical guidelines related to these advances.

The Academy’s Public Engagement Working Group provided a forum for a diverse group of participants from the Greater Boston area, including scientists, historians, and communication experts, to draw lessons from historical case studies that could be applied to future efforts to develop public consensus on potentially controversial scientific developments.

Session 1: Introduction and Case Study Selection – February 23, 2017
The first session introduced the Working Group, clarified its purpose and goals, and finalized the selection of the case studies.
Sessions 2–4: An Examination of Three Case Studies
For each of these three sessions, the Academy invited history of science scholars and other experts to examine how governance mechanisms, public engagement activities, and other social factors help shape public attitudes on contentious scientific topics.

Case Study 1: Vaccines – March 30, 2017
Speakers: Barry Bloom (Harvard T.H. Chan School of Public Health; cochair of the American Academy report on Public Trust in Vaccines) and Seth Mnookin (Massachusetts Institute of Technology; cochair of the American Academy report on Public Trust in Vaccines)

Case Study 2: Genome Editing – April 13, 2017
Speakers: Sophia Roosth (Harvard University); Richard O. Hynes (Massachusetts Institute of Technology); and Kevin Esvelt (MIT Media Lab)

Case Study 3: Atmospheric Pollution and Climate Change – May 11, 2017
Speakers: James Fleming (Colby College) and Philip Duffy (Woods Hole Oceanographic Institution)

Session 5: Connecting to the Public – June 8, 2017
During the final session, participants refined the lessons learned from the case studies and developed ideas on how to build trust and engage the public in preparation for future innovations. Speakers: Jennifer Hochschild (Harvard University) and David Kaiser (Massachusetts Institute of Technology)
PUBLIC ENGAGEMENT WORKING GROUP, continued

H. Robert Horvitz  
Massachusetts Institute of Technology

Ray S. Jackendoff  
Tufts University

Gish Jen  
Cambridge, MA

Jerome Kagan  
Harvard University

David Kaiser  
Massachusetts Institute of Technology

Martin Karplus  
Harvard University

Jerome P. Kassirer  
Tufts University School of Medicine

Evelyn Fox Keller  
Massachusetts Institute of Technology

Edward Kravitz  
Harvard Medical School

Ronald Latanision  
Massachusetts Institute of Technology; Exponent Failure Analysis Associates

Helen Lee  
Massachusetts Institute of Technology

Robert LeVine  
Harvard Graduate School of Education

Jay Lorsch  
Harvard Business School

Charles Maier  
Harvard University

Courtney McDermott  
American Academy of Arts and Sciences

Laurie McDonough  
American Academy of Arts and Sciences

Everett Mendelsohn  
Harvard University

Carol C. Nadelson  
Brigham and Women’s Hospital; Harvard Medical School

Mary Lou Pardue  
Massachusetts Institute of Technology

David E. Pritchard  
Massachusetts Institute of Technology

Lisa Randall  
Harvard University

John Randell  
American Academy of Arts and Sciences

Sophia Roosth  
Harvard University

Virginia Sapiro  
Boston University

Kay Schlozman  
Boston College

Keerthi Shetty  
American Academy of Arts and Sciences

Vivian Siegel  
Massachusetts Institute of Technology

Eugene B. Skolnikoff  
Massachusetts Institute of Technology

Mriganka Sur  
Massachusetts Institute of Technology

John A. Whitehead  
Woods Hole Oceanographic Institution

Carl Wunsch  
Massachusetts Institute of Technology

Carl Wunsch, Lisa Randall, and Barry Bloom
Encountering Science in Everyday Life: How Public Engagement with Science Shapes Long-Term Attitudes

June 1–2, 2017
American Academy
Cambridge, MA

At this workshop, the participants discussed the existing data on public perceptions of science and how the public learns about science. They also identified gaps in the scholarly understanding of these issues, and discussed how additional data could be collected to improve the understanding of public perceptions of science. The conclusions from the workshop will form the basis of a research agenda and be published in forthcoming Academy reports.

Workshop Chairs
Richard A. Meserve
Covington & Burling LLP; formerly, Carnegie Institution for Science
Geneva Overholser
Democracy Fund; formerly, USC Annenberg School for Communication and Journalism

Participants
Jamie Bell
Center for Advancement of Informal Science Education
Emilio Bizzi
Massachusetts Institute of Technology
Kelly A. Borden
Max Adler Planetarium
Anne Bowser
Woodrow Wilson International Center for Scholars
Dominique Brossard
University of Wisconsin-Madison
Elizabeth Good Christopherson
Rita Allen Foundation
John Durant
Massachusetts Institute of Technology

John H. Falk
Institute for Learning Innovation; Oregon State University
Jonathan F. Fanton
American Academy of Arts and Sciences
Cary Funk
Pew Research Center
Nettrice Gaskins
Boston Arts Academy
David Goldston
MIT Washington Office

Robert M. Hauser
American Philosophical Society; University of Wisconsin-Madison
Jennifer Hochschild
Harvard University
Rush D. Holt
American Association for the Advancement of Science
Kaye Husbands Fealing
Georgia Institute of Technology
Kathleen Hall Jamieson
University of Pennsylvania

Shalin Jyotishi
American Academy of Arts and Sciences
Dan Kahan
Yale University
Erica Kimmerling
American Academy of Arts and Sciences
Derek Koehler
University of Waterloo
Silje Kristiansen
Northeastern University

John Durant and Cara Santa Maria
ENCOUNTERING SCIENCE IN EVERYDAY LIFE, continued

Alison Leaf  
American Academy of Arts and Sciences

Alan I. Leshner  
American Association for the Advancement of Science

Bruce Lewenstein  
Cornell University

Tiffany Lohwater  
American Association for the Advancement of Science

Arthur Lupia  
University of Michigan

Ezra Markowitz  
University of Massachusetts Amherst

Eric Marshall  
The Kavli Foundation

Venkatesh Narayanamurti  
Harvard University

Nora S. Newcombe  
Temple University

Matthew C. Nisbet  
Northeastern University

Christine O’Connell  
Stony Brook University

Karen Peterman  
Karen Peterman Consulting Co.

Tina Phillips  
Cornell Lab of Ornithology

Kenneth Prewitt  
Columbia University

John Randell  
American Academy of Arts and Sciences

Anna Rothschild  
NOVA; Gross Science

Meisa Salaita  
Atlanta Science Festival

Cara Santa Maria  
Freelance Science Communicator

Keerthi Shetty  
American Academy of Arts and Sciences

Brooke Smith  
Independent Consultant; formerly, COMPASS

Elizabeth Suhay  
American University

Samuel O. Thier  
Harvard Medical School; Massachusetts General Hospital

Christopher Volpe  
ScienceCounts

Doron Weber  
Alfred P. Sloan Foundation

Kathleen Hall Jamieson and Arthur Lupia
PUBLIC FACE OF SCIENCE \SCIENCE DURING CRISIS

The American Academy is carrying out a two-year study on the coordination and deployment of interdisciplinary scientific teams during crisis response. On April 20 and 21, 2017, the Academy convened a meeting of crisis advisors, emergency response managers, and scholars to develop best practices for science during crisis; a research agenda on the topic; and recommendations for policy-makers at the federal, state, and local levels. The conclusions from the discussion will be published in a forthcoming Academy report.

Project Chairs

Rita Colwell
University of Maryland; formerly, National Science Foundation

Gary Machlis
Clemson University; formerly, U.S. National Park Service

PROJECT MEETING \SCIENCE DURING CRISIS

Workshop on Science During Crisis

April 20–21, 2017
American Academy
Cambridge, MA

Participants

Deborah Brosnan
Deborah Brosnan & Associates

Arrietta Chakos
Association of Bay Area Governments

Rita Colwell
University of Maryland; formerly, National Science Foundation

A.J. Faas
San Jose State University

Jonathan F. Fanton
American Academy of Arts and Sciences

Jeffrey Fox
Independent Science Writer and Editor

Shalin Jyotishi
American Academy of Arts and Sciences

Alison Leaf
American Academy of Arts and Sciences

Kristin Ludwig
U.S. Geological Survey

Scott Lundgren
National Oceanic and Atmospheric Administration

Nicole Lurie
U.S. Department of Health and Human Services

Gary Machlis
Clemson University; formerly, U.S. National Park Service

Alice Pennaz
U.S. Geological Survey

Geoffrey Plumlee
U.S. Geological Survey

John Randell
American Academy of Arts and Sciences

Ted D. Serrant
Houston Independent School District; University of the West Indies

Keerthi Shetty
American Academy of Arts and Sciences

Kate Starbird
University of Washington

Gregory Symmes
National Academies of Sciences, Engineering, and Medicine

Jessica M. Wyndham
American Association for the Advancement of Science

Participants at the workshop on Science During Crisis
PUBLIC FACE OF SCIENCE \ SCIENCE AND THE LEGAL SYSTEM

Scientific and technological advances have increased the overlap between scientific learning and legal issues. Yet leading scientists are often reluctant to become involved with the legal system or have difficulties in communicating their knowledge. Despite the importance of the issue, there are few systematic studies of how scientists view the legal system and of their experiences as consultants to lawyers or judges or as expert witnesses. The American Academy is studying these issues through a survey of its scientist members and through in-depth conversations with selected scientific and legal experts. The goal is to learn what motivates scientists to participate or to refuse to participate in legal processes and to recommend ways to improve the science-law relationship.

The project will culminate in a *Daedalus* issue that will include essays by leading scientists and lawyers as well as an article summarizing survey results from the Science and the Legal System study.

**Project Chairs**

Shari Seidman Diamond  
Northwestern University Pritzker School of Law;  
American Bar Foundation

Richard Lempert  
University of Michigan

**PROJECT MEETINGS** \ SCIENCE AND THE LEGAL SYSTEM

Science and the Legal System panel at the 2017 American Association for the Advancement of Science Annual Meeting

February 18, 2017  
Hynes Convention Center  
Boston, MA

Three Academy members led a panel discussion on “When the Legal System Seeks Help from Scientists: Successes and Failures,” about the survey results from the Science and the Legal System study. The session was part of the American Association for the Advancement of Science’s 2017 Annual Meeting and was featured in a news article published in *Science* Magazine as a part of its coverage of the conference. A full report of the results will be presented in a forthcoming issue of *Daedalus* on Science and the Legal System.

**Speakers**

Shari Seidman Diamond  
Northwestern University Pritzker School of Law;  
American Bar Foundation

Richard Lempert  
University of Michigan

**Moderator**

Keerthi Shetty  
American Academy of Arts and Sciences

**Participants**

Elizabeth Loftus  
University of California, Irvine

Huda Akil  
University of Michigan

Robert Cook-Deegan  
Arizona State University

Shari Seidman Diamond  
Northwestern University Pritzker School of Law;  
American Bar Foundation

Rebecca Eisenberg  
University of Michigan Law School

Nancy Gertner  
Harvard Law School; United States District Court for the District of Massachusetts, ret.

Linda Greenhouse  
Yale Law School

Susan Haack  
University of Miami

Valerie P. Hans  
Carnegie Mellon University

Sheila Jasanoff  
Harvard Kennedy School

Jay Kadane  
University of Chicago

Jennifer L. Mnookin  
University of California, Los Angeles School of Law
Extensive studies of energy and climate have concluded that the energy system in the United States must undergo a substantial transformation to address economic, environmental, and geopolitical challenges. As this transformation takes place, both individuals and public- and private-sector institutions will need to adapt to the profound societal change that will accompany the adoption of new energy technologies. The Alternative Energy Future project is developing a cohesive understanding of the social and regulatory factors that can either inhibit or facilitate transformative change in the U.S. energy system.

The project objectives are: 1) to demonstrate the value of social science in designing and adopting innovations in the physical energy system; and 2) to create a research program aimed at understanding how governing institutions and policy design must adapt to the demands of a changing energy infrastructure.

Building on the 2011 Academy report Beyond Technology: Strengthening Energy Policy through Social Science and two special issues of Daedalus on the Alternative Energy Future, the Academy is undertaking a research project to better understand the design attributes that contribute to policy durability and flexibility. The study draws on lessons from the Clean Air Act (CAA), which is a prominent example of a policy that has persisted for decades while adapting continuously to new scientific, technological, and economic information.

The Academy study uses five specific components of the CAA as case studies to facilitate identification of crucial design attributes that promote or detract from both policy durability and flexibility and positive program outcomes. The case studies and their conclusions will be published in a forthcoming book from Cambridge University Press.
PROJECT PUBLICATIONS \ THE ALTERNATIVE ENERGY FUTURE


Beyond Technology: Strengthening Energy Policy through Social Science (American Academy of Arts and Sciences, 2011)

PROJECT MEETINGS \ THE ALTERNATIVE ENERGY FUTURE

Durability and Adaptability in Energy Policy Study Group Meeting

July 21, 2016
Resources for the Future
Washington, D.C.

At this meeting, study group members reviewed drafts of the chapters that will be published in a forthcoming edited volume from Cambridge University Press.

Participants
Joseph Aldy
Harvard University

William Boyd
University of Colorado Law School, Boulder

Dallas Burtraw
Resources for the Future

Ann Carlson
University of California, Los Angeles

Judson Jaffe
U.S. Department of the Treasury

Barbara Kates-Garnick
Tufts University

Alison Leaf
American Academy of Arts and Sciences

Kristen McCormack
Resources for the Future

Granger Morgan
Carnegie Mellon University

Eric Patashnik
Brown University

Vickie Patton
Environmental Defense Fund

Barry Rabe
University of Michigan

John Randell
American Academy of Arts and Sciences

Philip Sharp
Resources for the Future

Hannah Wiseman
Florida State University
Durability and Adaptability in Energy Policy Workshop

March 3, 2017
Resources for the Future
Washington, D.C.

Study group members presented the study conclusions at a workshop attended by forty scholars of energy and environmental policy, including legal scholars, economists, political scientists, and practicing lawyers. The feedback will be integrated into the five case studies prior to publication of the edited volume.

Participants
Joseph Aldy  Harvard University
Phil Barnett  Schliro Barnett LLC; formerly, U.S. House of Representatives
William Boyd  University of Colorado Law School, Boulder
Dallas Burtraw  Resources for the Future
William W. Buzbee  Georgetown University
Sanya Carley  Indiana University
Ann Carlson  University of California, Los Angeles
Megan Ceronsky  formerly, Executive Office of the President
Kyle Danish  Van Ness Feldman LLP
Art Fraas  Resources for the Future
Emily Hammond  George Washington University
Kathryn Harrison  University of British Columbia
Jeff Holmstead  Bracewell LLP
Judson Jaffe  U.S. Department of the Treasury
Barbara Kates-Garnick  Tufts University
Nat Keohane  Environmental Defense Fund
David Konisky  Indiana University
Elizabeth Kopits  U.S. Environmental Protection Agency
Alan Krupnick  Resources for the Future
Alison Leaf  American Academy of Arts and Sciences
Joshua Linn  Resources for the Future
Benjamin Longstreth  Natural Resources Defense Council
R. Shep Melnick  Boston College
Evan Michelson  Alfred P. Sloan Foundation
Jonas Monast  University of North Carolina at Chapel Hill
Granger Morgan  Carnegie Mellon University
Brian Murray  Duke University Energy Initiative
Gabriel Pacyniak  Georgetown University
Eric Patashnik  Brown University
Vickie Patton  Environmental Defense Fund
Barry Rabe  University of Michigan
John Randell  American Academy of Arts and Sciences
Leigh Raymond  Purdue University
Richard L. Revesz  New York University
Nathan Richardson  University of South Carolina
Maxine L. Savitz  Honeywell Inc., ret.
Philip Sharp  Resources for the Future
William Shobe  University of Virginia
Robert Sussman  Georgetown Law Center; Yale School of Forestry and Environmental Studies
Nancy Sutley  Los Angeles Department of Water and Power
Philip Wallach  Brookings Institution
Hannah Wiseman  Florida State University
Kathryn Zyla  Georgetown Climate Center

Ann Carlson and Dallas Burtraw
The Global Security and International Affairs program area draws on the expertise of policy-makers, practitioners, and scholars to foster knowledge and inform innovative and more sustainable policies to address critical issues affecting a global community. To achieve this goal, our projects engage with pressing strategic, development, and moral questions that underpin relations among people, communities, and states worldwide. Each of our initiatives embraces a broad conception of security as the interaction among human, national, and global security imperatives. Our recommendations seek to move beyond the idea of security as the absence of war toward higher aspirations of collective peace, development, and justice. More information about this program area is available on the Academy’s website at www.amacad.org/global-security.
The project on New Dilemmas in Ethics, Technology, and War explores the ethical and moral issues created by changes in military technology and the evolving character of warfare. This study follows from the observation that although technological innovations and political developments are altering the conventional way in which warfare is conducted, efforts to align the international legal framework with this evolving context have lagged behind. The ethical and legal fabric traditionally provided by the International Law of Armed Conflict has been eroded and undermined by the rise of non-state actors and the deployment of new military technology, such as drones and cyber weapons, which increasingly reduce the human role in combat operations.

The project addresses the growing gap between the scholarship on ethics and war and the policy-relevant work that can influence government decisions and public debates. The project has produced two issues of Daedalus that, together with an extensive policy outreach strategy, are influencing and shaping pertinent policy debates by identifying and disseminating key lessons learned and policy recommendations that might be of value to policy-makers and military strategists.

**Project Chair**
Scott D. Sagan
Stanford University

**Steering Committee**
Norman R. Augustine
Lockheed Martin Corporation, ret.

Lloyd Axworthy
University of Waterloo; formerly, Department of Foreign Affairs, Trade, and Development, Government of Canada

James Ellis
Stanford University; Institute of Nuclear Power Operations, ret.; U.S. Navy, ret.

Tanisha Fazal
University of Minnesota

Jennifer Leaning
Harvard University

Gilman Louie
Alsop Louie Partners; formerly, In-Q-Tel

David Luban
Georgetown University

Mark Martins
U.S. Army, Judge Advocate General’s Corps

Aryeh Neier
Paris School of International Affairs of Sciences Po

Janne Nolan
George Washington University

Barry Posen
Massachusetts Institute of Technology

Nancy Sherman
Georgetown University

Michael Walzer
Institute for Advanced Study

Jennifer Welsh
European University Institute

**Funders**

Humanity United

John D. and Catherine T. MacArthur Foundation

The Rockefeller Foundation

**Project Staff**

Francesca Giovannini

Kathryn Moffat

**PROJECT PUBLICATIONS**

"Ethics, Technology & War,” *Daedalus* (Fall 2016)

A Collective Moral Awakening: Ethical Choices in War and Peace

November 16, 2016
Stanford University

On November 16, 2016, the New Dilemmas in Ethics, Technology, and War project hosted a Stated Meeting at Stanford University to explore how complex organizations–such as the military, government, international organizations, and the medical and humanitarian communities–navigate between national security imperatives and ethical and legal commitments. The panelists presented their contributions to the Fall 2016 and Winter 2017 *Dædalus* volumes.

**Participants**
Joseph H. Felter  
Stanford University
Scott D. Sagan  
Stanford University
Debra Satz  
Stanford University
Paul Wise  
Stanford University

Briefings in Brussels

November 28, 2016
Brussels, Belgium


**Participants**
Francesca Giovannini  
American Academy of Arts and Sciences
Kathryn Moffat  
American Academy of Arts and Sciences
Scott D. Sagan  
Stanford University
Esha Senchaudhuri  
American Academy of Arts and Sciences
Ethical Dilemmas in War

November 29, 2016
King’s College London
London, United Kingdom

On November 29, 2016, the New Dilemmas in Ethics, Technology, and War project and the School of Security Studies at King’s College London co-hosted a series of panel discussions on the ethical dilemmas presented by nuclear weapons, rules of engagement on the battlefield, and emerging technologies, including autonomous weapons.

Speakers
Lloyd Axworthy
University of Waterloo, formerly, Department of Foreign Affairs, Trade, and Development, Government of Canada

Bleddyn Bowen
King’s College London

Wyn Bowen
King’s College London

Janina Dill
London School of Economics; University of Oxford

Karl Eikenberry
Stanford University, U.S. Army, ret.

Lawrence Freedman
King’s College London

Mervyn Frost
King’s College London

James Gow
King’s College London

Jonathan F. Fanton
American Academy of Arts and Sciences

Christopher Kinsey
King’s College London

Patricia Lewis
Chatham House

Alexander Leveringhaus
University of Manchester

Scott D. Sagan
Stanford University

Benjamin Valentino
Dartmouth College

Heather Williams
King’s College London

James Gow, Mervyn Frost, Christopher Kinsey, Janina Dill, and Karl Eikenberry
Revisiting Hiroshima in Iran: Real American Attitudes about Nuclear Weapons and Non-Combatant Immunity

November 30, 2016
Blavatnik School of Government, University of Oxford
Oxford, United Kingdom

On November 30, 2016, Scott D. Sagan spoke at the University of Oxford’s Blavatnik School of Government about the New Dilemmas in Ethics, Technology, and War project. He discussed new survey findings that suggest that the U.S. public continues to consider nuclear weapons as purely defensive weapons with a role to deter any potential attack from adversaries, and that the public seems to be against any possible active use of nuclear weapons in armed conflicts.

Speaker
Scott D. Sagan
Stanford University

Roundtables with the United Nations Department of Peacekeeping Operations

February 22, 2017 and April 28, 2017
UN Headquarters
New York, NY

On February 22 and April 28, 2017, the New Dilemmas in Ethics, Technology, and War project organized a series of roundtables with the UN Department of Peacekeeping Operations (UNDPKO). Project members discussed some of the policy implications for peacekeeping that were highlighted in their *Dædalus* essays and engaged in discussions with representatives from UNDPKO and the UN Department of Political Affairs about the ethical implications of some of the issues that UN peace operations face in a context of changing warfare.

ROUNDTABLE ON “POPULATIONS, PERCEPTIONS, POWER, AND PEACE OPERATIONS”

Participants
Dirk Druet
UN Department of Political Affairs; formerly, UN Department of Peacekeeping Operations

Renata Dwan
UN Department of Peacekeeping Operations

Tanisha Fazal
University of Minnesota

Clare Lockhart
Institute for State Effectiveness

Kathryn Moffat
American Academy of Arts and Sciences

William Reno
Northwestern University

Scott D. Sagan
Stanford University

Jacob N. Shapiro
Princeton University

ROUNDTABLE ON “INTELLIGENCE IN UN PEACEKEEPING OPERATIONS”

Participants
Joseph H. Felter
Stanford University

David P. Fidler
Indiana University
Maurer School of Law

Michael C. Horowitz
University of Pennsylvania

Naomi Miyashita
UN Department of Peacekeeping Operations

Kathryn Moffat
American Academy of Arts and Sciences
On March 8, 2017, the Academy hosted a panel discussion about the ethical challenges posed by the long, intense, and enduring conflicts between states and non-state actors in the twenty-first century, of which ISIL’s declaration of an “Islamic caliphate” in Syria and Iraq is just the latest chapter. The meeting was live-streamed and local discussions for members and other guests were held at The George Washington University, Stanford University, the University of Notre Dame, the United States Air Force Academy, and the United States Military Academy at West Point.

**Speakers and Discussion Leaders**

**Gabriella Blum**  
Harvard University

**Paul Bolt**  
U.S. Air Force Academy

**Reuben Brigety II**  
The George Washington University; formerly, U.S. Department of State

**Neta Crawford**  
Boston University

**Tanisha Fazal**  
University of Minnesota

**Jennifer Leaning**  
Harvard University

**Janne Nolan**  
The George Washington University

**Graham Parsons**  
U.S. Military Academy at West Point

**Allen S. Weiner**  
Stanford University

**Paul Wise**  
Stanford University

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Participants at the roundtable on “Populations, Perceptions, Power, and Peace Operations”; panelists (back, left to right): William Reno, Clare Lockhart, Jacob N. Shapiro, Tanisha Fazal, Scott D. Sagan, and Renata Dwan

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**2017 Distinguished Morton L. Mandel Annual Public Lecture**

**Ethics and the Global War on Terror: Can Conflicts with Non-State Actors Be Fought in a Just Way?**

March 8, 2017  
American Academy  
Cambridge, MA
New Dilemmas in Ethics, Technology, and War Workshop

April 24, 2017
United States Air Force Academy
Denver, CO

On April 24, 2017, the Academy co-hosted a workshop with the United States Air Force Academy (USafa) and the Center for International Security and Cooperation at Stanford University. The workshop, which included approximately 120 faculty and students from the USafa, the University of Denver, and Colorado College, featured presentations by several project contributors, breakout discussions, and a plenary meeting to identify new research questions. On the following day, Scott Sagan and C. Robert Kehler gave a guest lecture and participated in an additional roundtable discussion with cadets.

Participants
Sannia Abdullah
Sandia National Laboratories
Antonia Chayes
Tufts University; formerly, U.S. Air Force

David C. Hendrickson
Colorado College
Michelle D. Johnson
U.S. Air Force Academy
C. Robert Kehler
U.S. Air Force, ret.

Linell Letendre
U.S. Air Force Academy
Michael Martindale
U.S. Air Force Academy
Chris Miller

Scott D. Sagan
Stanford University
Laura Ford Savarese
Yale Law School

Participants listen as C. Robert Kehler responds to comments from discussants Michael Martindale and Sannia Abdullah.
The Global Nuclear Future (GNF) Initiative is an interdisciplinary and multinational project that is seeking to engage nuclear newcomers in conversations on nuclear safety, security, and nonproliferation.

As an increasing number of countries today explores the possibility of establishing nuclear power plants to meet the mounting energy needs of a growing population, it is important for the nuclear policy community worldwide to assist these countries in developing responsible nuclear programs in accordance with international standards of regulation and governance. The GNF project brings together diverse communities, including leading experts from academia, government, nongovernmental organizations, and the nuclear industry, to foster dialogue and debate with and among nuclear newcomers and encourage transparency and international cooperation.

The GNF Initiative has focused its work in three main areas:
1) developing regional networks of knowledge in Southeast Asia and the Middle East that could assist nuclear newcomers and nuclear aspirant countries in developing a safe, secure, and proliferation-resistant program;
2) identifying the best strategies and policies to manage the nuclear fuel cycle, including the back-end of the nuclear fuel cycle and the transfer and governance of dual-use technology;
3) identifying possible strategies to minimize the risks of insider threats within nuclear laboratories and power plants.

Some of the project’s activities include convening nuclear experts and scholars, with the objective of promoting dialogue among regional players; hosting policy briefings and consultations with government officials and representatives of the nuclear industry; and commissioning papers and publications, often co-authored by regional experts, to enhance academic cooperation and nurture interstate intellectual exchanges.

Project Chairs
Steven E. Miller
Harvard Kennedy School
Robert Rosner
University of Chicago

Senior Advisor
Scott D. Sagan
Stanford University

Project Advisors
Richard A. Meserve
Covington & Burling LLP; formerly, Carnegie Institution for Science
Sam Nunn
Nuclear Threat Initiative
George Perkovich
Carnegie Endowment for International Peace
William J. Perry
Stanford University

Project Staff
Francesca Giovannini
Kathryn Moffat

Funders
Carnegie Corporation of New York
Flora Family Foundation
The William and Flora Hewlett Foundation
The Kavli Foundation
John D. and Catherine T. MacArthur Foundation
Alfred P. Sloan Foundation
PROJECT PUBLICATIONS  
THE GLOBAL NUCLEAR FUTURE

Multinational Storage of Spent Nuclear Fuel and Other High-Level Nuclear Waste: A Roadmap for Moving Forward
Robert D. Sloan (American Academy of Arts and Sciences, 2017)

Insider Threats

Governance of Dual-Use Technologies: Theory and Practice
edited by Elisa D. Harris (American Academy of Arts and Sciences, 2016)

The Back-End of the Nuclear Fuel Cycle: Establishing a Viable Roadmap for a Multilateral Interim Storage Facility

Nuclear Power in Vietnam: International Responses and Future Prospects
Tanya Ogilvie-White (American Academy of Arts and Sciences, 2014)

Nuclear Liability: A Key Component of the Public Policy Decision to Deploy Nuclear Energy in Southeast Asia
Mohit Abraham (American Academy of Arts and Sciences, 2014)

Matthew Bunn and Scott D. Sagan (American Academy of Arts and Sciences, 2014)

Lessons Learned from “Lessons Learned”: The Evolution of Nuclear Power Safety after Accidents and Near-Accidents
Edward D. Blandford and Michael M. May (American Academy of Arts and Sciences, 2012)

Nuclear Collisions: Discord, Reform & the Nuclear Non-proliferation Regime
essay by Steven E. Miller, with responses by Wael Al-Assad, Jayantha Dhanapala, C. Raja Mohan, and Ta Minh Tuan (American Academy of Arts and Sciences, 2012)

The Back-End of the Nuclear Fuel Cycle: An Innovative Storage Concept
Stephen M. Goldberg, Robert Rosner, and James P. Malone (American Academy of Arts and Sciences, 2012)

Game Changers for Nuclear Energy
Kate Marvel and Michael May (American Academy of Arts and Sciences, 2011)

Nuclear Reactors: Generation to Generation
Stephen M. Goldberg and Robert Rosner (American Academy of Arts and Sciences, 2011)

Challenges to the NPT Review Conference: Lessons from the Past; Opportunities for the Future
(confidential report, May 2010)

Nuclear Energy in the Middle East: Implications, Challenges, Opportunities
(American Academy of Arts and Sciences, 2010)

Multinational Approaches to the Nuclear Fuel Cycle
Charles McCombie & Thomas Isaacs, Noramly Bin Muslim, Tariq Rauf, Atsuyuki Suzuki, Frank von Hippel, and Ellen Tauscher (American Academy of Arts and Sciences, 2010)

Shared Responsibilities for Nuclear Disarmament: A Global Debate
essay by Scott D. Sagan, with responses by James M. Acton, Jayantha Dhanapala, Mustafa Kibaroglu, Harald Müller, Yukio Satoh, Mohamed I. Shaker, and Achilles Zaluar (American Academy of Arts and Sciences, 2010)

“On the Global Nuclear Future,” vols. 1 – 2, Dædalus
edited by Steven E. Miller and Scott D. Sagan (Fall 2009 and Winter 2010)

May 10, 2017
Center for Strategic and International Studies
Washington, D.C.

On May 10, 2017, the Global Nuclear Future Initiative, in collaboration with the Center for Strategic and International Studies, hosted a book launch event for *Insider Threats*. Scott D. Sagan and Matthew Bunn outlined cognitive and organizational biases that lead organizations to downplay an insider threat, and highlighted worst practices from these past mistakes. Following the event, Professors Bunn and Sagan met with representatives from the National Nuclear Security Administration.

**Speakers**

Matthew Bunn  
*Harvard University*

Rolf Mowatt-Larssen  
*Harvard University*

Scott D. Sagan  
*Stanford University*

Sharon Squassoni  
*Center for Strategic and International Studies*

Briefings at Lawrence Livermore National Laboratory

May 15, 2017
Lawrence Livermore National Laboratory
Livermore, CA


**Speakers**

Matthew Bunn  
*Harvard University*

Scott D. Sagan  
*Stanford University*
Book Launch Event

May 16, 2017
Center for International Security and Cooperation
Stanford University


**Speakers**

Matthew Bunn  
*Harvard University*

Scott D. Sagan  
*Stanford University*

**PROJECT CIVIL WARS, VIOLENCE, AND INTERNATIONAL RESPONSES**

This project follows from the observation that the existing frameworks used by the United States to address civil wars and states plagued with internal violence are insufficient and outdated, and therefore the responses are often ineffective. Moreover, the risks and threats associated with civil wars and state disorder affect more than just the state in question; civil wars often carry adverse consequences for regional stability and can and do affect the rich and developed nations of the world. The scholarship produced by this project, which will be published in two issues of *Dædalus*, examines why it is so difficult to end civil wars and state disorder and highlights the risks and possible policy prescriptions. Project participants will travel to Ethiopia, Sri Lanka, and several other strategically chosen locations to discuss their findings with government leaders, decision-makers, academics, heads of nongovernmental organizations, and journalists, among others. These discussions will help shape a white paper that will be used to inform policymakers in Washington, D.C. and the international community.

**Project Chairs**

Karl Eikenberry  
*Stanford University*;  
*U.S. Army, ret.*

Stephen D. Krasner  
*Stanford University*

**Project Members**

Michele Barry  
*Stanford University*

Abdeta Dribssa Beyene  
*Institute for Advanced Research, Ethiopia*

Stephen D. Biddle  
*Council on Foreign Relations*;  
*George Washington University*

Tanja A. Börzel  
*Freie Universität Berlin*

Charles Call  
*American University*

Susanna Campbell  
*American University*

Martha Crenshaw  
*Stanford University*

Lyse Doucet  
*BBC News*

Tanisha Fazal  
*University of Minnesota*

James Fearon  
*Stanford University*

Vanda Felbab-Brown  
*Brookings Institution*

Francis Fukuyama  
*Stanford University*

Sumit Ganguly  
*Indiana University*

Miguel García-Sánchez  
*Universidad de los Andes*

Richard Gowan  
*New York University*

Sonja Grimm  
*University of Konstanz*

Jean-Marie Guéhenno  
*International Crisis Group*

Joseph Hewitt  
*United States Institute of Peace*

Stephen Heydemann  
*Smith College*

Bruce Jones  
*Brookings Institution*

Stathis Kalyvas  
*Yale University*

Nancy Lindborg  
*United States Institute of Peace*

Sarah Kenyon Lischer  
*Wake Forest University*

Clare Lockhart  
*Institute for State Effectiveness*

Aila M. Matanock  
*University of California, Berkeley*

Seyoum Mesfin  
*Institute for Advanced Research, Ethiopia*

Stewart Patrick  
*Council on Foreign Relations*

Barry Posen  
*Massachusetts Institute of Technology*
CIVIL WARS, VIOLENCE, AND INTERNATIONAL RESPONSES, continued

William Reno
Northwestern University

Stephen J. Stedman
Stanford University

Project Staff
Francesca Giovannini
Summers Hammel

Funders
Humanity United
Smith Richardson Foundation
Oak Foundation

PROJECT PUBLICATIONS

“Civil Wars & Global Disorder: Threats & Opportunities,” Daedalus (Fall 2017)

“Ending Civil Wars: Constraints & Possibilities,” Daedalus (Winter 2018)

PROJECT MEETINGS

Civil Wars, Violence, and International Responses Authors’ Workshop

November 2–4, 2016
American Academy
Cambridge, MA

Project participants and other experts gathered at the House of the Academy to discuss draft essays for two forthcoming issues of Daedalus and explore project outreach strategies.

Participants

Phyllis S. Bendell
American Academy of Arts and Sciences

Abdeta Beyene
Institute for Advance Research, Addis Ababa, Ethiopia

Stephen Biddle
George Washington University

Charles T. Call
American University

Susanna P. Campbell
American University

Michael E. Capuano
U.S. House of Representatives

Alexa Courtney
Frontier Design Group, LLC

Martha Crenshaw
Stanford University

Lyse Doucet
BBC News

Karl Eikenberry
Stanford University; U.S. Army, ret.

Jonathan F. Fanton
American Academy of Arts and Sciences

Tanisha Fazal
University of Minnesota

James D. Fearon
Stanford University

Vanda Felbab-Brown
Brookings Institution

Francis Fukuyama
Stanford University

Sumit Ganguly
Indiana University

Miguel Garcia Sánchez
Universidad de los Andes

Francesca Giovannini
American Academy of Arts and Sciences

Richard Gowan
New York University

Jean-Marie Guéhenno
International Crisis Group

Summers Hammel
American Academy of Arts and Sciences

Steven Heydemann
Smith College

Bruce Jones
Brookings Institution

Stathis N. Kalyvas
Yale University

Stephen D. Krasner
Stanford University

Nancy Lindborg
United States Institute of Peace

Sarah Kenyon Lischer
Wake Forest University

Clare Lockhart
Institute for State Effectiveness

Aila M. Matanock
University of California, Berkeley

Heather Mawhinney
American Academy of Arts and Sciences

John Mulholland
U.S. Army, ret.
Stewart Patrick  
Council on Foreign Relations

Anne W. Patterson  
former, U.S. Department  
of State

Barry Posen  
Massachusetts Institute of  
Technology

E. Candace Putnam  
former, U.S. Department  
of State

William Reno  
Northwestern University

Hendrik Spruyt  
Northwestern University

Stephen J. Stedman  
Stanford University

Eric Stollenwerk  
Freie Universität Berlin

David Staples  
U.S. Department of State

Chris Stone  
Open Society Foundations

Peter Walton  
American Academy of Arts  
and Sciences

Paul H. Wise  
Stanford University

Belinda A. Yeomans  
Stanford University

CIVIL WARS, VIOLENCE, AND INTERNATIONAL RESPONSES AUTHORS’ WORKSHOP, continued

Participants at the authors’ workshop on Civil Wars, Violence, and International Responses

Academy President Jonathan Fanton and former Assistant Secretary of State for Near Eastern Affairs Anne Patterson
Ambassador Karl Eikenberry met with representatives of the International Institute for Strategic Studies, Chatham House, the Royal United Services Institute, and the British Academy to discuss the project on Civil Wars, Violence, and International Responses and its goals and to explore collaborative outreach activities.

**PROJECT UNDERSTANDING THE NEW NUCLEAR AGE**

Understanding the New Nuclear Age will examine the challenges and opportunities presented by the changing nuclear age. The global nuclear order today is transforming along three main dimensions: 1) The nuclear posture of several nuclear weapons states has changed because of the possibility of the use of nuclear weapons in war fighting; 2) technological innovations (in the space and cyber realm in particular, although not exclusively) are impacting existing nuclear arrangements (including the extended deterrence architecture and strategic stability); and 3) the changes in the current global nuclear order affect the prospects for nuclear arms control in a multipolar world.

In the first phase, the project is examining a new framework for the contemporary nuclear age. A working group has discussed five commissioned papers on key questions related to the current role that nuclear weapons play in global security. Among the topics discussed in the papers are: 1) the prospects for future arms control deals between Russia and the United States; 2) the conditions that make the use of nuclear weapons increasingly plausible in today’s world; and 3) the increased complexity of nuclear deterrence among multiple nuclear weapons states. In the second phase, the Academy will invite nuclear scholars from selected nuclear weapons states countries to comment on the commissioned papers. The papers and the commentaries will be published in three forthcoming Occasional Papers, which will be used to engage with policy-makers in the United States. In the third phase, the project will publish a special issue of *Dædalus* on the changing nuclear order. In addition, the project will collaborate with high schools and universities in the United States to develop curricula on nuclear related topics to raise awareness on the enduring risks of nuclear weapons.

**Project Chair**

Robert Legvold  
Columbia University

**Project Advisers**

Steven Miller  
Harvard Kennedy School

Barry Posen  
Massachusetts Institute of Technology

Scott D. Sagan  
Stanford University

Nina Tannenwald  
Brown University

**Working Group Members**

James M. Acton  
Carnegie Endowment for International Peace

Mark Bell  
University of Minnesota

Linton Brooks  
Center for Strategic and International Studies; formerly, U.S. Department of Energy and U.S. National Nuclear Security Administration

Lord Browne ofLadyton  
Nuclear Threat Initiative; formerly, U.K. Ministry of Defense

Christopher Chyba  
Princeton University

M. Taylor Fravel  
Massachusetts Institute of Technology

Francis J. Gavin  
Massachusetts Institute of Technology

Michael Krepon  
Stimson Center

Hans Kristensen  
Federation of American Scientists

Jessica Tuchman Mathews  
Carnegie Endowment for International Peace

Nicholas Miller  
Brown University

Steven Miller  
Harvard Kennedy School

Vipin Narang  
Massachusetts Institute of Technology

Janne Nolan  
George Washington University

George Perkovich  
Carnegie Endowment for International Peace

Steven Pifer  
Brookings Institution; formerly, U.S. Department of State
UNDERSTANDING THE NEW NUCLEAR AGE, continued

William Potter  
James Martin Center for  
Nonproliferation Studies,  
Middlebury Institute of  
International Studies at Monterey  

Scott D. Sagan  
Stanford University  

Michael Swaine  
Carnegie Endowment for  
International Peace  

Nina Tannenwald  
Brown University  

Mira Rapp-Hooper  
Center for a New American  
Security  

Project Staff  
Francesca Giovannini  
Kathryn Moffat

PROJECT MEETINGS \ UNDERSTANDING THE NEW NUCLEAR AGE

Working Group Meeting and Public Screening of Command and Control:  
The Unknown Story of the Day Our Luck Almost Ran Out

September 18–19, 2016  
American Academy  
Cambridge, MA

On September 18–19, 2016, the Working Group of the Understanding the New Nuclear Age project discussed three papers commissioned for the project and began to develop an agenda for engagement with policy-makers and the public. The meeting opened with a public screening and discussion of the documentary Command and Control: The Unknown Story of the Day Our Luck Almost Ran Out.

Participants

James M. Acton  
Carnegie Endowment for  
International Peace  

Linton Brooks  
Center for Strategic and  
International Studies; formerly,  
U.S. Department of Energy and  
U.S. National Nuclear Security  
Administration  

Lord Browne of Ladyton  
Nuclear Threat Initiative; formerly,  
U.K. Ministry of Defense  

Jonathan F. Fanton  
American Academy of Arts  
and Sciences  

Francis J. Gavin  
Massachusetts Institute of  
Technology  

Francesca Giovannini  
American Academy of Arts  
and Sciences  

Summers Hammel  
American Academy of Arts  
and Sciences  

Robert Legvold  
Columbia University  

Jessica Tuchman Mathews  
Carnegie Endowment for  
International Peace  

Nicholas Miller  
Brown University  

Steven Miller  
Harvard Kennedy School  

Kathryn Moffat  
American Academy of Arts  
and Sciences  

Vipin Narang  
Massachusetts Institute of  
Technology  

Janne Nolan  
George Washington University  

Reid Pauly  
Massachusetts Institute of  
Technology  

William Potter  
James Martin Center for  
Nonproliferation Studies,  
Middlebury Institute of  
International Studies at Monterey  

Mira Rapp-Hooper  
Center for a New American  
Security  

Michael Swaine  
Carnegie Endowment for  
International Peace  

Nina Tannenwald  
Brown University
William Potter, Mira Rapp-Hooper, and Vipin Narang

James Acton, Nina Tannenwald, and Jessica Tuchman Mathews
Understanding the New Nuclear Age Working Group Meeting

December 19–20, 2016
American Academy
Cambridge, MA

On December 19–20, 2016, the Working Group of the Understanding the New Nuclear Age project discussed commissioned papers that investigate the changing relationships among nuclear weapons states, and began to identify next steps for the project, including a policy publication. The participants noted that the destabilizing effects of new military capabilities, such as cyber and hypersonic weapons, coupled with growing mistrust among nuclear weapons states, are undermining the stability of the global nuclear order as it was originally conceived and leading dangerously to situations where the use of nuclear warheads might become a possibility.

Participants

James M. Acton
Carnegie Endowment for International Peace

Mark Bell
University of Minnesota

Linton Brooks
Center for Strategic and International Studies; formerly, U.S. Department of Energy and U.S. National Nuclear Security Administration

Christopher Chyba
Princeton University

Jonathan F. Fanton
American Academy of Arts and Sciences

Lawrence Freedman
King’s College London

Francis J. Gavin
Massachusetts Institute of Technology

Francesca Giovannini
American Academy of Arts and Sciences

Nicholas Miller
Brown University

Steven Miller
Harvard Kennedy School

Kathryn Moffat
American Academy of Arts and Sciences

Vipin Narang
Massachusetts Institute of Technology

Janne Nolan
George Washington University

Steven Pifer
Brookings Institution, formerly, U.S. Department of State

Carl Robichaud
Carnegie Corporation of New York

Michael Swaine
Carnegie Endowment for International Peace

Nina Tannenwald
Brown University

Jane Vaynman
Temple University
Projects in the Education and the Development of Knowledge program area inform policy and practice in support of high-quality, lifetime educational opportunities for all Americans. The program area continues the Academy’s enduring focus on the vital role education and knowledge development play in our nation and in our world. From advancing equitable educational outcomes to leveraging new developments in the learning sciences and digital technologies to questioning how domestic and international scholarly work may be affected by advances in machine learning, the Education and the Development of Knowledge program area—through commissions, projects, convenings, and publications—draws upon scholars and practitioners from various fields and disciplines to explore the conditions that foster the creation, transfer, and preservation of knowledge in a global context. More information about this program area is available on the Academy’s website at www.amacad.org/education.
Undergraduate education continues to be one of the most important avenues of opportunity in American society. But the education landscape is changing rapidly: there are more options for how and when Americans receive some form of undergraduate education. New populations, for whom the traditional four-year degree was once an impossibility, can now pursue undergraduate education in two-year, four-year, for-profit, and online institutions, according to schedules that fit their own lives. And technological advances offer new approaches to student instruction and collaboration. At the same time, rising costs are challenging the affordability of traditional postsecondary degrees.

To address these topics and provide ideas for ensuring that individual Americans receive the education they need to thrive in the twenty-first century, the Academy established the Commission on the Future of Undergraduate Education with funding from Carnegie Corporation of New York. The Commission – whose members include national leaders in education, business, and government – is studying how well today’s students are served by the existing system and, more importantly, is identifying the challenges and opportunities that undergraduate education will encounter in the decades ahead. The project’s final report and recommendations are being released in late fall 2017.

Commission Chairs
Roger W. Ferguson, Jr.
TIAA
Michael S. McPherson
formerly, Spencer Foundation

Commission Members
Joseph E. Aoun
Northeastern University
Deborah Loewenberg Ball
University of Michigan
Sandy Baum
Urban Institute
Rebecca M. Blank
University of Wisconsin-Madison
John Seely Brown
formerly, Xerox PARC Research

Carla A. Cohn
California Collaborative for Educational Excellence
Mitchell E. Daniels, Jr.
Purdue University
John J. DeGioia
Georgetown University
Jonathan F. Fanton
American Academy of Arts and Sciences
Robert Hormats
Kissinger Associates; formerly, U.S. Department of State
Freeman A. Hrabowski III
University of Maryland, Baltimore County
Jennifer L. Jennings
New York University

Jeremy Johnson
Andela
Sherry Lansing
Sherry Lansing Foundation
Nicholas Lemann
Columbia University Graduate School of Journalism
J. Michael Locke
formerly, Rasmussen, Inc.

Monica Lozano
U.S. Hispanic Media; La Opinión
Gail O. Mellow
LaGuardia Community College
Diana Natalicio
University of Texas at El Paso

Hilary Pennington
Ford Foundation
Beverly Daniel Tatum
Spelman College
Shirley M. Tilghman
Princeton University
Michelle Weise
Southern New Hampshire University

Project Staff
Francesca Purcell
Eliza Berg

Funder
Carnegie Corporation of New York

PROJECT PUBLICATIONS
COMMISION ON THE FUTURE OF UNDERGRADUATE EDUCATION

A Primer on the College Student Journey
(American Academy of Arts and Sciences, 2016)

Undergraduate Financial Aid in the United States

The Complex Universe of Alternative Postsecondary Credentials and Pathways
Jessie Brown and Martin Kurzweil, Ithaka S+R (American Academy of Arts and Sciences, 2017)
Congressional Visits in Washington, D.C.

September 13–14, 2016
October 3–4, 2016
March 30–31, 2017

Commission Cochair Michael McPherson and Director Francesca Purcell met with members of the U.S. Congress and their key legislative advisors to discuss the work of the Commission.

Student and Faculty Discussion Groups

Director Francesca Purcell and Program Associate Eliza Berg met with student and faculty groups to gather the groups’ perspectives and discuss their concerns about the future of American undergraduate education.

September 15, 2016
Northeastern University
Boston, MA
Hosted by President Joseph Aoun

September 20, 2016
LaGuardia Community College
New York, NY
Hosted by President Gail Mellow

February 6, 2017
University of Texas, El Paso
El Paso, TX
Hosted by President Diana Natalicio

April 11, 2017
Babson College
Wellesley, MA
Hosted by President Kerry Healey

April 18, 2017
Eastern Connecticut State University
Willimantic, CT
Hosted by President Elsa Nuñez

April 24, 2017
University of Wisconsin-Madison
Madison, WI
Hosted by Chancellor Rebecca Blank

April 25, 2017
Rasmussen College
Chicago, IL
Hosted by Senior Vice President of External and College Relations Tawnie Cortez

Students at the University of Texas, El Paso with Commission project staff
Meetings with Academy Members and Affiliates

Commission members met with groups of Academy members to discuss the work of the Commission.

November 13, 2016
Los Angeles, CA

December 12, 2016
New York, NY
Hosted by Glenn Hutchins
(North Island; Silver Lake)

February 7, 2017
Austin, TX
Hosted by Larry Faulkner
(University of Texas at Austin)

April 19, 2017
Cambridge, MA

Outreach Meetings with Higher Education Organizations

March 20, 2017
Boulder, CO

Commission Cochair Michael McPherson and Director Francesca Purcell met with representatives of several higher education organizations, including the State Higher Education Executive Officers, the National Center for Higher Education Management Systems, and the Western Interstate Commission for Higher Education.

June 13, 2017
Aspen Meadows, CO

Commission Chairs Michael S. McPherson and Roger W. Ferguson, Jr. spoke about the future of undergraduate education at the Forum for the Future of Higher Education.

March 29, 2017
Washington, D.C.

Commission members met with representatives of several national higher education organizations, including the Association of American Universities, the Association of Public and Land-grant Universities, the National Association of Independent Colleges and Universities, the American Association of Community Colleges, the American Council on Education, and the American Association of State Colleges and Universities.

Roundtable Discussions

March 21, 2017
Boulder, CO

Commission members met with educational technology experts, including David Figlio (Northwestern University), Charles Isbell (Georgia Institute of Technology), Stephen Kosslyn (Minerva Schools at KGI), and Peter Smith (University of Maryland University College), about the role of technology and online programs in undergraduate education.

March 29, 2017
Washington, D.C.

Commission members met with experts on higher education workforce partnerships, including Wes Bush (Northrop Grumman), Brian Fitzgerald (The Business-Higher Education Forum), Dane Linn (Business Roundtable), and Stan Litow (IBM), about ways for the business community to support underserved students and specific examples of programs that could be scaled or replicated.
Third Meeting of the Commission on the Future of Undergraduate Education

November 14, 2016
Los Angeles, CA

Commission members analyzed the compilation of drafts created from months of small-group writing and focused conference calls. Commissioners affirmed and discussed the crucial role undergraduate education plays and will continue to play in the country’s economy and democracy.

Fourth and Final Commission meeting

June 7, 2017
New York, NY

Commission members reviewed and discussed a penultimate draft of the final report and recommendations.
THE LINCOLN PROJECT: EXCELLENCE AND ACCESS IN PUBLIC HIGHER EDUCATION

The Academy established the Lincoln Project to study the importance of public research universities, analyze economic trends affecting their operation, and recommend new strategies to sustain and strengthen these critical institutions. In regional forums held around the country, the Lincoln Project has reached out to 145 public research universities and brought together local leaders representing public higher education, government, policy, business, and philanthropy to identify common concerns and advance innovative initiatives. Some of the topics discussed at these forums include:

- How public universities can address financial challenges while fulfilling their commitment to providing an accessible and affordable undergraduate education;
- How public universities can better measure and communicate the benefits for all residents – in terms of quality of life, cultural infrastructure, and direct economic benefits – of state investment in higher education; and
- What role the federal government, the business sector, and philanthropy should play in sustaining the excellence of America’s public research universities.

The project has published five publications that provide an overview of the current financial challenges as well as the significant achievements of public research universities.

On April 7, 2016, the project released its fifth and final publication, Public Research Universities: Recommitting to Lincoln’s Vision – An Educational Compact for the 21st Century. The final report provides recommendations for stabilizing and strengthening the nation’s public research universities. An Educational Compact for the 21st Century recommends that public research universities pursue new revenue streams and cultivate partners from across the private and public sectors. Most importantly, the report formulates a new educational compact – a call for state and federal governments, universities, businesses, and philanthropic organizations to come together in support of America’s public research universities.

In the past year, the Lincoln Project has hosted regional dialogues and events around the country with leaders in higher education and with policy-makers at the state, regional, and federal levels to discuss the challenges and opportunities facing public higher education.

Project Chairs
Robert J. Birgeneau
University of California, Berkeley
Mary Sue Coleman
Association of American Universities

Project Advisors
Lawrence S. Bacow
Harvard Kennedy School
Gene D. Block
University of California, Los Angeles
Henry E. Brady
University of California, Berkeley
Philip Bredesen
former Governor of Tennessee
Nancy Cantor
Rutgers University – Newark
John T. Casteen III
University of Virginia
Jonathan R. Cole
Columbia University
Gray Davis
former Governor of California
J. Patrick Doyle
Domino’s Pizza, Inc.
E. Gordon Gee
West Virginia University
Matthew Goldstein
The City University of New York
Donald Graham
Graham Holdings Company
Carl Guardino
Silicon Valley Leadership Group
Robert D. Haas
Levi Strauss & Co.
Jim Hackett
Ford Smart Mobility, LLC
Ann Weaver Hart
University of Arizona
Michael Hout
New York University
Kay Bailey Hutchison
former United States Senator, Texas
Jim Leach
University of Iowa
Earl Lewis
The Andrew W. Mellon Foundation
Ann Marie Lipinski
Nieman Foundation for Journalism at Harvard
George Miller
former United States Representative, California
William Powers, Jr.
University of Texas at Austin
John Rogers
Ariel Investments
Thomas Siebel
C3; First Virtual Group
Shirley M. Tilghman
Princeton University
Phyllis M. Wise
Colorado Longitudinal Study
Frank Yeary
CamberView Partners LLC; formerly, University of California, Berkeley
Pauline Yu
American Council of Learned Societies

Project Staff
Eliza Berg
John Tessitore
THE LINCOLN PROJECT, continued

**Funders**
- Carnegie Corporation of New York
- Robert and Colleen Haas
- The William and Flora Hewlett Foundation
- Thomas and Stacey Siebel Foundation
- The Spencer Foundation

**PROJECT PUBLICATIONS**

- *Public Research Universities: Serving the Public Good* (American Academy of Arts and Sciences, 2016)

**PROJECT MEETINGS**

- **July 28, 2016**
  Chapel Hill, NC
  Philip Bredesen (former Governor of Tennessee) presented the findings of the Lincoln Project at a board meeting at the University of North Carolina.

- **August 5, 2016**
  Sacramento, CA
  Robert Birgeneau (University of California, Berkeley) discussed the findings of the Lincoln Project with Sacramento Legislative Staff.

- **August 23, 2016**
  Seattle, WA
  Michael Hout (New York University) presented the findings of the Lincoln Project at the Annual Meeting of the American Sociological Association.

- **September 8, 2016**
  Berkeley, CA
  Robert Birgeneau (University of California, Berkeley) and Henry Brady (University of California, Berkeley) discussed the findings of the Lincoln Project at a meeting hosted by the Center for Studies in Higher Education at the University of California, Berkeley.
October 6, 2016
Cambridge, MA

Project meeting.

November 13, 2016
Austin, TX

Kay Bailey Hutchison (former United States Senator, Texas) discussed the findings of the Lincoln Project at the Annual Meeting of the Association of Public and Land-grant Universities.

December 14, 2016
Madison, WI

University of Wisconsin-Madison Chancellor Rebecca Blank hosted a regional dialogue about the Lincoln Project.

January 22, 2017
Naples, FL

Robert Birgeneau (University of California, Berkeley), Mary Sue Coleman (Association of American Universities), Earl Lewis (The Andrew W. Mellon Foundation), and George Miller (former United States Representative, California) presented the findings of the Lincoln Project at the opening panel for the Association of Governing Boards’ 2017 Foundation Leadership Forum.

March 9–10, 2017
Des Moines and Iowa City, IA

Mary Sue Coleman (Association of American Universities), Phyllis Wise (Colorado Longitudinal Study), Jim Leach (University of Iowa), and Bruce Harreld (University of Iowa) participated in a public forum hosted by the University of Iowa. Lincoln Project members also participated in a roundtable discussion with state legislators, including Iowa Governor Terry Branstad.

April 25, 2017
Springfield, IL

Lincoln Project members participated in a regional dialogue with state legislators, hosted by the University of Illinois.

May 2, 2017
Seattle, WA

Robert Birgeneau (University of California, Berkeley), Daniel Greenstein (Bill and Melinda Gates Foundation), Christine Gregoire (former Washington State Governor), and Kirk Schulz (Washington State University) participated in a regional dialogue hosted by the University of Washington.

Robert Birgeneau presents at a Symposium on the Lincoln Project, hosted by the University of Washington.
The American Academy was founded to promote the pursuit of knowledge and the education of citizens in all fields of knowledge. Since 1780, the Academy has advocated for the importance of the humanities, arts, and culture in American society, and has called on both private citizens and the nation’s government to help foster advances in these areas.

Today, the Academy conducts research and develops policy recommendations to advance the humanities in academic scholarship and in the public sector, to display the importance of the arts in society, and to enrich the nation’s cultural life. By bringing together scholars, artists, and leaders from both the public and private sectors, Academy programs in the Humanities, Arts, and Culture put practitioners and scholars in conversation with individuals from other disciplines, ensuring that the arts and humanities are valued in all areas of civic life. Projects in this area demonstrate the value of the arts, humanities, and culture to the nation’s security and prosperity, and call attention to the role played by work in these fields to enriching the health of communities and the daily lives of its citizens. More information about this program area is available on the Academy’s website at www.amacad.org/humanities-arts-culture.
In 2014, a bipartisan group of members of Congress asked the American Academy of Arts and Sciences to undertake a new study of the nation’s language education needs. Four members of the United States Senate – Tammy Baldwin (D-Wisconsin), Mark Kirk (R-Illinois), Orrin Hatch (R-Utah), and Brian Schatz (D-Hawaii) – and four members of the House of Representatives – Rush Holt (D-New Jersey), Leonard Lance (R-New Jersey), David Price (D-North Carolina), and Don Young (R-Alaska) – signed two letters requesting that the Academy provide answers to the following questions:

How does language learning influence economic growth, cultural diplomacy, the productivity of future generations, and the fulfillment of all Americans? What actions should the nation take to ensure excellence in all languages as well as international education and research, including how we may more effectively use current resources to advance language attainment?

In response to this request, the Academy created the Commission on Language Learning. The Commission’s final report, *America’s Languages: Investing in Language Education for the 21st Century*, offers concrete recommendations to improve access to as many languages as possible, for people of every age, ethnicity, and socioeconomic background.

On February 28, 2017, the day of the public release of *America’s Languages*, Representative David Price (D-North Carolina) introduced the World Language Advancement and Readiness Act, a bill cosigned by Don Young (R-Alaska), Leonard Lance (R-New Jersey), and thirteen of their colleagues. The act proposes three-year competitive grants to support local and state school districts that want to establish, improve, or expand innovative programs in world language learning. In addition, Representative Price organized a “Dear Colleague” letter, ultimately signed by sixty-five Members of Congress, which references *America’s Languages* in its defense of federal funding for Title VI education programs and Fulbright-Hays Fellowships. Senator Brian Schatz (D-Hawaii) organized a similar letter signed by twenty-three Senators.

**Commission Chair**

Paul LeClerc  
*Columbia Global Center-Paris, Columbia University*

**Commission Members**

Martha G. Abbot  
*American Council on the Teaching of Foreign Languages*

Mark Aronoff  
*Stony Brook University*

Jessie “little doe” Baird  
*Wópanâak Language Reclamation Project*

David Chu  
*Institute for Defense Analyses*

Dan E. Davidson  
*American Councils for International Education; Bryn Mawr College*

Nicholas B. Dirks  
*University of California, Berkeley*

Brian T. Edwards  
*Northwestern University*

Karl Eikenberry  
*Stanford University; U.S. Army, ret.*

Rosemary G. Feal  
*Modern Language Association of America*

Carol Gluck  
*Columbia University*

Nancy McElhowney  
*Foreign Service Institute, U.S. Department of State*

Philip Rubin  
*Haskins Laboratories; formerly, White House Office of Science and Technology Policy*

Rubén G. Rumbaut  
*University of California, Irvine*

Marta Tienda  
*Princeton University*

Kenneth L. Wallach  
*Central National Gottesman Inc.*

Diane P. Wood  
*U.S. Court of Appeals, Seventh Circuit*

Pauline Yu  
*American Council of Learned Societies*

**Project Staff**

John Tessitore  
Julian Kronick  
Esha Senchaudhuri

**Funders**

*Henry Luce Foundation*  
*The Andrew W. Mellon Foundation*
PROJECT PUBLICATIONS / COMMISSION ON LANGUAGE LEARNING

America’s Languages: Investing in Language Education for the 21st Century
(American Academy of Arts and Sciences, 2017)

The State of Languages in the U.S.: A Statistical Portrait
(American Academy of Arts and Sciences, 2016)

PROJECT MEETINGS / COMMISSION ON LANGUAGE LEARNING

Final Commission Meeting

November 14, 2016
American Academy
Cambridge, MA

Participants
Martha G. Abbott
American Council on the Teaching of Foreign Languages
Jessie ‘little doe’ Baird
Wôpanâak Language Reclamation Project
David Chu
Institute for Defense Analyses

Dan E. Davidson
American Councils for International Education; Bryn Mawr College
Brian T. Edwards
Northwestern University
Rosemary G. Feal
Modern Language Association of America
Paul LeClerc
Columbia Global Center-Paris, Columbia University
Nancy McEldowney
Foreign Service Institute, U.S. Department of State
Philip Rubin
Haskins Laboratories
Rubén G. Rumbaut
University of California, Irvine
Esha Senchaudhuri
American Academy of Arts and Sciences
John Tessitore
American Academy of Arts and Sciences
Kenneth L. Wallach
Central National Gottesman Inc.
Diane P. Wood
U.S. Court of Appeals, Seventh Circuit
Press Conference and Rollout of the Language Commission’s Final Report

February 28, 2017
National Press Club
Washington, D.C.

Participants

Martha G. Abbott
American Council on the Teaching of Foreign Languages

Mark Aronoff
Stony Brook University

Jessie “little doe” Baird
Wôpanâak Language Reclamation Project

Dan E. Davidson
American Councils for International Education; Bryn Mawr College

Brian T. Edwards
Northwestern University

Jonathan F. Fanton
American Academy of Arts and Sciences

Rosemary G. Feal
Modern Language Association of America

Carol Gluck
Columbia University

Paul LeClerc
Columbia Global Center-Paris, Columbia University

Nancy McEldowney
Foreign Service Institute, U.S. Department of State

Rubén G. Rumbaut
University of California, Irvine

Esha Senchaudhuri
American Academy of Arts and Sciences

John Tessitore
American Academy of Arts and Sciences

Kenneth L. Wallach
Central National Gottesman Inc.

Paul LeClerc introduces the final report at the press conference.

Congressman David Price at the Congressional Briefing, with (far left to right) Jessie “little doe” Baird, Dan E. Davidson, Paul LeClerc, Jonathan F. Fanton, and Nancy McEldowney.
Roundtable Discussion

February 28, 2017
Reserve Officers Association
Washington, D.C.

Participants

Martha G. Abbott
American Council on the Teaching of Foreign Languages

Mark Aronoff
Stony Brook University

Jessie “little doe” Baird
Wôpanâak Language Reclamation Project

Richard Brecht
University of Maryland, College Park

Sarah Brookhart
Association for Psychological Science

Eva Caldera
Phi Beta Kappa

Mary Sue Coleman
Association of American Universities

Dan E. Davidson
American Councils for International Education; Bryn Mawr College

Brian T. Edwards
Northwestern University

Jonathan F. Fanton
American Academy of Arts and Sciences

Rosemary G. Feal
Modern Language Association of America

Carol Gluck
Columbia University

Stephen Kidd
National Humanities Alliance

Richard Kurin
Smithsonian Institution

Paul LeClerc
Columbia Global Center-Paris, Columbia University

Esther Mackintosh
Federation of State Humanities Councils

Nancy McEldowney
Foreign Service Institute, U.S. Department of State

Maureen McLaughlin
U.S. Department of Education

Alyson Reed
Linguistic Society of America

William Rivers
Joint National Committee for Languages – National Council for Languages and International Studies

Rubén G. Rumbaut
University of California, Irvine

Esha Senchaudhuri
American Academy of Arts and Sciences

John Tessitore
American Academy of Arts and Sciences

Kenneth L. Wallach
Central National Gottesman Inc.

Congressional Briefing

February 28, 2017
Washington, D.C.

Participants

Martha G. Abbott
American Council on the Teaching of Foreign Languages

Mark Aronoff
Stony Brook University

Jessie “little doe” Baird
Wôpanâak Language Reclamation Project

Dan E. Davidson
American Councils for International Education; Bryn Mawr College

Brian T. Edwards
Northwestern University

Jonathan F. Fanton
American Academy of Arts and Sciences

Rosemary G. Feal
Modern Language Association of America

Carol Gluck
Columbia University

Paul LeClerc
Columbia Global Center-Paris, Columbia University

Nancy McEldowney
Foreign Service Institute, U.S. Department of State

David Price
U.S. House of Representatives

Rubén G. Rumbaut
University of California, Irvine

Kenneth L. Wallach
Central National Gottesman Inc.
The Humanities Indicators are descriptive statistics that chart trends over time in aspects of the humanities that are of interest to a wide audience and for which there are available data. The Indicators provide data on a diverse array of topics pertaining to the role of the humanities in the contemporary United States. These topics are organized into five major parts:

- **Part I. Primary and Secondary Education in the Humanities:** These Indicators cover national measures of achievement at the primary and secondary school levels; high school course-taking; and the characteristics of primary and secondary faculty.

- **Part II. Undergraduate and Graduate Education in the Humanities:** The Indicators in this section focus on the types of courses undergraduate and graduate students take and the degrees they receive, and consider both preparedness for graduate school and the conditions of graduate education.

- **Part III. The Humanities Workforce:** These Indicators describe employment in humanistic settings and occupations, with emphasis on postsecondary faculty, and also the career paths of those with undergraduate and graduate degrees in the humanities.

- **Part IV. Humanities Funding and Research:** These Indicators include data on federal, state, and private funding for the humanities, as well as on support for academic research.

- **Part V. The Humanities in American Life:** The topics currently treated in this section include humanistic skills and practices, such as reading and multilingualism; support for and utilization of various humanistic institutions, such as libraries and museums; and public attitudes toward the humanities.

The Humanities Indicators are accessible at [www.humanitiesindicators.org](http://www.humanitiesindicators.org).
THE HUMANITIES INDICATORS, continued

Project Director
Norman M. Bradburn
NORC at the University of Chicago

Advisory Committee
Jack Buckley
American Institutes for Research
Jonathan R. Cole
Columbia University
John Dichtl
American Association for State and Local History
Ronald G. Ehrenberg
Cornell University
Michael Hout
New York University
Felice J. Levine
American Educational Research Association

Funders
The William and Flora Hewlett Foundation
The Andrew W. Mellon Foundation
National Endowment for the Humanities
Peck Stacpoole Foundation
The Rockefeller Foundation
Sara Lee Corporation
The Teagle Foundation

With advice and assistance from:
American Academy of Religion
American Council of Learned Societies
American Historical Association
American Philosophical Association
American Political Science Association
College Art Association
Federation of State Humanities Councils
History of Science Society
Linguistic Society of America
Modern Language Association of America
National Communication Association
National Humanities Alliance
Society for Biblical Literature

PROJECT MEETINGS

Indicators Advisory Committee Meeting

January 13, 2017
Washington, D.C.

The full committee met to assess the current work of the project and to develop new initiatives for the coming year.

Participants
Jack Buckley
American Institutes for Research
Jonathan R. Cole
Columbia University
John Dichtl
American Association for State and Local History
Ronald G. Ehrenberg
Cornell University
Michael Hout
New York University
Felice J. Levine
American Educational Research Association
Esther Mackintosh
Federation of State Humanities Councils
Judith Tanur
Stony Brook University
Steven Wheatley
American Council of Learned Societies

THE HUMANITIES, ARTS, AND CULTURE 49
PROJECT COMMISSION ON THE ARTS

In February 2016, the Academy began holding a series of conversations around the country on the possibility of forming a national Commission on the Arts. Since then, the Academy has held nine conversations in eight cities around the country with groups of arts leaders, funders, and practicing artists. These conversations engaged a range of Academy members with an interest in the arts.

A series of common questions emerged from these meetings:

- What is the role of the arts in American life? (Many groups have addressed the state of the arts.) What can the arts do? What do we want the arts to do?
- What is the function of the arts in an increasingly diverse America? How can the arts help build empathy between people and build bridges between communities?
- What is the impact of the division between nonprofit and commercial arts?
- What is the impact of new technologies on the arts? More broadly, what is the relationship between science and the arts?
- What are the differences between distinct regional arts ecologies around the country?
- What can the nation do to encourage participation in arts-making as well as in arts attendance?

The consensus among participants in the meetings held so far is that for a commission to be successful, its mandate must be tightly focused; a general conversation that results in the conclusion that the arts are deserving of support will not be helpful. To that end, the Academy is convening a planning committee to craft a clear mandate for the commission and to identify potential outcomes.

Funder
The Ford Foundation

National Inventory of Humanities Organizations

April 17, 2017
Washington, D.C.

The meeting convened a range of experts on the public humanities to provide guidance on a new initiative for the Humanities Indicators: to create a detailed data set on the full range of humanities organizations in the United States.

Participants
Norman Bradburn
NORC at the University of Chicago
Jeff Allen
Federation of State Humanities Councils
Brett Bobley
National Endowment for the Humanities
John Dichtl
American Association for State and Local History
Paul Erickson
American Academy of Arts and Sciences
Carolyn Fuqua
American Academy of Arts and Sciences
Jim Kitterman
Maryland Humanities Council
Elizabeth Lynn
Center for Civic Reflection
Kathy Rosa
American Library Association
Carole Rosenstein
George Mason University
Ben Sweezy
Institute of Museum and Library Sciences
Robert B. Townsend
American Academy of Arts and Sciences
EXPLORATORY MEETINGS
COMMISSION ON THE ARTS

September 12, 2016
Washington, D.C.

Co-Hosts
Roger Sant
The Summit Foundation
Victoria Sant
The Summit Foundation

Participants
Melissa Chiu
Hirshhorn Museum and Sculpture Garden

Jane Chu
National Endowment for the Arts
Louise Bryson
The J. Paul Getty Trust
Jonathan F. Fanton
American Academy of Arts and Sciences
Bob Gazzale
American Film Institute

Dorothy Kosinski
The Phillips Collection
Earl Powell III
National Gallery of Art
Sharon Rockefeller
WETA
Deborah Rutter
The Kennedy Center for the Performing Arts

Molly Smith
The Mead Center for American Theater
Damian Woetzel
Aspen Institute Arts Program

September 26, 2016
Cambridge, MA

Co-Hosts
John F. Cogan, Jr.
Pioneer Investment Management USA, Inc.
Susan W. Paine
Museum of Fine Arts, Boston
Yo-Yo Ma
Cambridge, MA

Participants
Jonathan Bays
Silkroad Productions
Roger Brown
Berklee College of Music

Benjamin Buchloh
Harvard University
Taylor Carol
Harvard University
Rohit Deshpande
Harvard Business School
Kara Elliott-Ortega
Mayor’s Office of Arts and Culture, City of Boston
Jonathan F. Fanton
American Academy of Arts and Sciences
Howard Gardner
Harvard University Graduate School of Education
Laurence Lesser
New England Conservatory
Ben Mandelkern
Silkroad Productions
Jill Medvedow
Institute of Contemporary Art
Jack Megan
Harvard University
Meg Morton
Fidelity Foundation
Richard Ortner
The Boston Conservatory
William Poorvu
Harvard Business School

Anne Poulet
The Frick Collection
Richard Stoltzman
New England Conservatory
Michael Uy
Harvard University
Mark Volpe
Boston Symphony Orchestra
Debra Wise
Underground Railway Theater
San San Wong
Barr Foundation
Nicholas Zervas
Harvard Medical School; Massachusetts General Hospital
EXPLORATORY MEETINGS \ COMMISSION ON THE ARTS, continued

November 17, 2016
San Francisco, CA

Co-Hosts
Bernard Osher
The Bernard Osher Foundation
Barbro Osher
The Bernard Osher Foundation

Participants
Kate Duhamel
Fountain 3 Films; LINES Ballet
Jonathan F. Fanton
American Academy of Arts and Sciences
Lori Fogarty
Oakland Museum of California
Charles M. Geschke
Adobe Systems
Chad Jones
San Francisco Arts Education Project
Mark Oppenheim
m/Oppenheim Executive Search
Carey Perloff
American Conservatory Theater
Lawrence Rinder
Berkeley Art Museum and Pacific Film Archive
Matthew Shilvock
San Francisco Opera
David Stull
San Francisco Conservatory of Music
Matias Tarnopolsky
Cal Performances
Helgi Tomasson
San Francisco Ballet
Jay Xu
Asian Art Museum of San Francisco

January 13, 2017
Miami, FL

Host
Alberto Ibargüen
John S. and James L. Knight Foundation

Participants
Sarah Arison
Arison Arts Foundation
Ali Codina
Open Lab
P. Scott Cunningham
O, Miami
Maria Del Valle
ArtCenter South Florida
Jonathan F. Fanton
American Academy of Arts and Sciences
Rosie Gordon-Wallace
Diaspora Vibe Cultural Arts Incubator
Howard Herring
New World Symphony
Carla Hill
South Miami-Dade Cultural Arts Center
Carolina Jayaram
National YoungArts Foundation
Sue Kronick
Miami City Ballet
Cathy Leff
Florida International University
Lucas Leyva
Borscht Corporation
Bahia Ramos
John S. and James L. Knight Foundation
Victoria Rogers
John S. and James L. Knight Foundation
Ellen Salpeter
Institute of Contemporary Art, Miami
Dennis Scholl
Scholl Creative
Chana Budgazad Sheldon
Loca Projects Inc.
Franklin Sirmans
Pérez Art Museum Miami
Michael Spring
Miami-Dade Department of Cultural Affairs
Juan Valadez
Rubell Family Collection

February 10, 2017
St. Louis, MO

Host
Emily Rauh Pulitzer
Pulitzer Arts Foundation

Participants
Mary Jo Bang
Washington University in St. Louis
Carmon Colangelo
Washington University in St. Louis
Rick Dildine
Shakespeare Festival St. Louis
Michael Eastman
Photographer
Lisa Melandri
Contemporary Art Museum St. Louis
Timothy O’Leary
Opera Theatre of Saint Louis
Tamara Schenkenberg
Pulitzer Arts Foundation
Cara Starke
Pulitzer Arts Foundation
Roseann Weiss
Regional Arts Commission St. Louis
Mark Wrighton
Washington University in St. Louis
Since its founding, the American Academy of Arts and Sciences has worked to promote a “strong and virtuous” nation. Today this effort involves projects designed to advance the state of scholarship about the nation’s institutions and to develop innovative solutions to problems facing American society. Projects in this area interpret the term “institution” broadly, focusing on all of the constituent elements of government and civil society. These projects seek to examine the impact of institutions on broad sectors of American society. They address how individual citizens interact with social structures, how these experiences prepare people to make a positive contribution to a diverse America, and how these institutions are changing and might operate differently in the twenty-first century. The Academy shares this research through publications, conferences, and active outreach. More information about this program area is available on the Academy’s website at www.amacad.org/american-institutions.
MAKING JUSTICE ACCESSIBLE: DATA COLLECTION AND LEGAL SERVICES FOR LOW-INCOME AMERICANS

On November 11–12, 2015, the American Academy hosted a symposium on the state of legal services for low-income Americans. Symposium participants – including federal and state judges, legal scholars, and social scientists – agreed that the legal community does not have enough reliable and accessible data to be able to address adequately the scope and variety of the crisis in legal services. The participants also agreed that the American Academy, with its diverse membership and its history of data efforts in the humanities, could continue to be a valuable partner by organizing a set of conversations on the topic, aggregating the incomplete data that currently exist on unrepresented civil litigants, and suggesting a research agenda for future data collection efforts.

Making Justice Accessible will include the publication of an issue of *Dædalus* in Spring 2019 on “Legal Services and Access to Justice.” Divided into three topics – Delivery, Interests, and the Meaning of Access to Justice – the volume will speak to the importance of civil legal aid and representation to the American justice system and the rule of law. Drawing from multiple disciplines within legal scholarship, the collection will shed light on what access to justice really means, enumerate the multiple parties and interests with a stake in equal access to civil justice, and educate the broader public about current efforts to deliver quality civil legal representation. The guest editors of the *Dædalus* issue are Lincoln Caplan (Yale Law School), Lance Liebman (Columbia Law School), David Tatel (United States Court of Appeals for the District of Columbia Circuit), and Rebecca Sandefur (University of Illinois, Urbana-Champaign).

**Project Chairs**

Mark Hansen  
*University of Chicago*

Rebecca Sandefur  
*University of Illinois at Urbana-Champaign*

**Funder**

David M. Rubenstein  
*Enhancement Fund*
The Exploratory Fund

The Exploratory Fund was established in 2015 to support Members who wish to work together, and with other scholars, experts, and practitioners, to look over the horizon for issues and opportunities not well understood, to think of problems in a fresh way, and to search for connections between research and policy that advance the common good. Through the Exploratory Fund, the Academy is committed to encouraging forward-thinking collaborations that incorporate diverse perspectives and bring together creative thinkers and leaders representing a range of disciplines, career stages, backgrounds, and experiences.

Proposals are accepted on a rolling basis and awarded funds to cover the costs associated with an Exploratory Meeting. The Exploratory Fund has supported proposals on a wide array of topics, including *The Future of Jazz in America*, *Women and Equality*, and *Understanding the New Nuclear Age*. Members are encouraged to contact the Academy President and staff to discuss their ideas for Exploratory Meetings.

The Exploratory Fund is made possible through the generous support of the Arnhold Foundation, John F. Cogan, Jr., Michael E. Gellert, Bob and Kristine Higgins, Carl and Betty Pforzheimer, William Poorvu, and Kenneth L. and Susan S. Wallach.

**EXPLORATORY MEETINGS**

**Science and the Legal System**

July 20–21, 2017
Cambridge, MA

As the overlap between scientific learning and legal issues increases, leading scientists reportedly shy away from involvement with the legal system or have difficulties communicating their knowledge. Despite the importance of this issue, there are few systematic studies on how scientists view the legal system or on their experiences as consultants to lawyers or judges or as expert witnesses. Academy Members Shari Seidman Diamond and Richard Lempert are leading an initiative to learn what motivates scientists to participate in legal processes and recommend ways to improve the relationship between science and the law. In July they chaired a meeting at the House of the Academy for legal scholars and scientists to work together on a publication examining this topic.
EXPLORATORY MEETINGS \ SCIENCE AND THE LEGAL SYSTEM, continued

**Chairs**

Shari Seidman Diamond  
Northwestern University  
Pritzker School of Law

Richard Lempert  
University of Michigan

**Participants**

Huda Akil  
University of Michigan

Robert Cook-Deegan  
Arizona State University

Rebecca Eisenberg  
University of Michigan  
Law School

Nancy Gertner  
Harvard Law School; United States District Court for the District of Massachusetts, ret.

Linda Greenhouse  
Yale Law School

Susan Haack  
University of Miami

Valerie Hans  
Cornell Law School

Sheila Jasanoff  
Harvard Kennedy School

Jay Kadane  
Carnegie Mellon University

Elizabeth Loftus  
University of California, Irvine

Anne-Marie Mazza  
National Academies of Sciences, Engineering, and Medicine

Jennifer L. Mnookin  
University of California, Los Angeles School of Law

Jed Rakoff  
United States District Court for the Southern District of New York

Daniel Rubinfeld  
University of California, Berkeley School of Law; New York University

Michael Saks  
Sandra Day O’Connor College of Law, Arizona State University

Joseph Sanders  
University of Houston Law

Patti Saris  
United States District Court for the District of Massachusetts

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Nationalism, Populism, and the Future of Global Governance

June 12, 2017  
Cambridge, MA

Academy Member Jack Snyder chaired an exploratory meeting that brought scholars and experts from the fields of political science, international affairs, bioethics, and government to the House of the Academy on June 12, 2017. The goal of the meeting was to examine whether there might be a common taproot behind the nationalist and populist movements that have recently emerged across the globe, and to look at how these movements relate to the existing multilateral architecture of global institutions. Participants also assessed any new forms of international cooperation or conflict that could emerge from these movements, and discussed concerns about the potential for political violence and related threats to democracy, liberty, equality, economic development, and international stability.

**Chair**

Jack Snyder  
Columbia University

**Participants**

Isabella Bakker  
York University

Solomon Benatar  
University of Cape Town

Mark Blyth  
Brown University

Antonia Chayes  
Tufts University

John F. Cogan, Jr.  
Pioneer Investment Management USA, Inc.

Daniel Drezner  
Tufts University; The Washington Post

Renata Dwan  
United Nations

Jeffry Frieden  
Harvard University

Stephen Gill  
York University

Carol Gluck  
Columbia University

Alastair Iain Johnston  
Harvard University

David Laitin  
Stanford University

Douglas McAdam  
Stanford University

Pippa Norris  
Harvard University

William Poorvu  
Harvard Business School

Barry Posen  
Massachusetts Institute of Technology

William Reno  
Northwestern University

Jill Schuker  
Washington Center for OECD

James Wertsch  
Washington University in St. Louis

Marina von Neumann  
Whitman  
University of Michigan
The Future of Public Media

June 5, 2017
New York, NY

In 1967, the U.S. Congress passed the Public Broadcasting Act and the Carnegie Commission on Educational Television released its first and most influential report. On the fiftieth anniversary of these landmark events, Academy Member Bill Baker convened a meeting of scholars, media executives, journalists, and other experts to discuss the future of public media. In the same spirit as the Carnegie Commission, participants spoke to the potential of public media, but also frankly assessed where it fit within a profoundly altered American media landscape, and what its continued role, if any, might be over the next fifty years and beyond. Participants also shared their hopes for public media and discussed what current trends could mean for American media and the American people.

Chair
Bill Baker
Fordham University

Participants
Jonathan Abbott
WGBH
Nancy Andrews
Duke University
School of Medicine
Henry Arnhold
Arnhold and S. Bleichroeder Holdings, Inc.

Bishop Frank Caggiano
Roman Catholic Archdiocese of Hartford
Julie Drizin
Current
Jonathan F. Fanton
American Academy of Arts and Sciences
Cynthia Fenneman
American Public Television
Ellen Goodman
Rutgers Law School
Gary E. Knell
National Geographic Society
Virginia Roach
Fordham University
Geoffrey Sands
McKinsey & Company
Neal Shapiro
WNED
Al Sikes
Federal Communications Commission
Thomas Streeter
University of Vermont
Zephyr Teachout
Fordham University
School of Law

Mark Thompson
The New York Times Company
Neil deGrasse Tyson
Hayden Planetarium
Christopher Vollmer
Strategy&
Laura Walker
New York Public Radio
Josh Weston
Automatic Data Processing

The Children of Immigrants in New Places of Settlement

April 20–21, 2017
Cambridge, MA

Immigrant children and children of immigrants are the fastest growing component of America’s young population, now comprising one-in-four of all persons aged 18 and younger. Too little is known about their experiences in receiving communities, especially as increasing numbers move beyond major cities and into small towns and rural areas across the U.S. South and Midwest. Under the leadership of Academy Member Alejandro Portes, thirteen scholars from across the United States and Mexico, representing the fields of sociology, education, anthropology, history, and economics, met at the House of the Academy to review the current literature on this population, discuss their concerns, and outline ideas and priorities for the future.

Chair
Alejandro Portes
Princeton University

Participants
Aixa Cintron-Velez
Russell Sage Foundation
Richard Duran
University of California, Santa Barbara

Jonathan F. Fanton
American Academy of Arts and Sciences

Patricia Fernández-Kelly
Princeton University

Roberto Gonzales
Harvard University

David Griffith
East Carolina University

Ruben Hernandez-Leon
University of California, Los Angeles

Matthew Holsapple
Spencer Foundation

Helen Marrow
Tufts University

Douglas S. Massey
Princeton University

Daniel Morales
American Academy of Arts and Sciences

Krista Perreira
University of North Carolina at Chapel Hill

Rubén G. Rumbaut
University of California, Irvine

Min Zhou
University of California, Los Angeles

Victor Zuniga Gonzalez
Monterrey Technological Institute, Mexico

Participants at the meeting on The Children of Immigrants in New Places of Settlement.
Building and Strengthening the Joint Comprehensive Plan of Action (JCPOA)

February 5–6, 2017
Cambridge, MA

The implementation of the Iran Nuclear Agreement offered an historic opportunity to assess the state of arms control diplomacy, to distill lessons learned, and to suggest a framework for future international negotiations among the countries in the Persian Gulf and surrounding region. On February 5–6, 2017, Academy Members Robert Rosner and Donald Lamb chaired a meeting at the House of the Academy that brought together a diverse group of thinkers, including former government officials experienced in negotiations with Iran, heads of think tanks, and scholars of nuclear studies and regional issues. The group discussed opportunities and questions raised by the JCPOA and pathways toward fruitful conversations involving P5+1 representatives, technical experts, policy-makers, and government officials.

Chairs
Robert Rosner
University of Chicago
Donald Lamb
University of Chicago

Participants
William J. Burns
Carnegie Endowment for International Peace
Jonathan F. Fanton
American Academy of Arts and Sciences
Bill Foster
U.S. Congress
Stephen Heintz
Rockefeller Brothers Fund
R. Scott Kemp
Massachusetts Institute of Technology

Dimitri Kusnezov
U.S. National Nuclear Security Administration
Seyed Hossein Mousavian
Princeton University
Janne Nolan
The George Washington University

Laura Rockwood
Vienna Center for Disarmament and Non-Proliferation
Gary Samore
Harvard University
Ali Vaez
International Crisis Group
Jim Walsh
Massachusetts Institute of Technology

Women and Equality

December 10, 2016
Cambridge, MA

Many take for granted that women should share with men equal access to political, economic, and social resources and leadership. The lived experiences of women, however, vary enormously: by country, by sector of the economy, by class, by race, and by a large number of other factors. On December 10, 2016, Academy Members Nannerl O. Keohane and Frances McCall Rosenbluth convened a small meeting at the House of the Academy that included scholars from the fields of sociology, economics, political science, and history. Participants explored new and comprehensive ways of thinking about social, political, and economic realities for women across multiple, diverse contexts. At the recommendation of meeting participants, the Academy will host a larger international conference in December 2017 on the topic of women and equality.

Frances McCall Rosenbluth, Nannerl O. Keohane, Rose McDermott, and Debora Spar
EXPLORATORY MEETINGS \ WOMEN AND EQUALITY, continued

**Chairs**

Nannerl O. Keohane  
*Princeton University*

Frances McCall Rosenbluth  
*Yale University*

**Participants**

Shelley Correll  
*Stanford University*

Rafaela Dancygier  
*Princeton University*

Claudia Goldin  
*Harvard University*

Mala Htun  
*University of New Mexico*

Rose McDermott  
*Brown University*

Debora Spar  
*Barnard College*

Jessica Wilkerson  
*American Academy of Arts and Sciences*

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**R2P: Cultural Heritage**

**November 29 – December 1, 2016**  
**London, England**

An increase in attacks on cultural heritage sites since 2013, especially in Syria and Iraq, has raised questions and concerns about how best to protect irreplaceable heritage. In partnership with The J. Paul Getty Trust, Academy Member James Cuno convened a group of world renowned museum directors and specialists in international law and doctrine formation to discuss what role the international community could play in protecting the cultural heritage of countries in warfare. The group drew on the Responsibility to Protect Norm, adopted by the United Nations in 2005, as a foundation for thinking about possible new frameworks for protecting cultural heritage sites.

**Choir**

James Cuno  
*The J. Paul Getty Trust*

**Participants**

Samir Abdulac  
*ICOMOS*

Lourdes Arizpe  
*National University of Mexico, UNESCO*

Lloyd Axworthy  
*St. Paul’s University College*

Louise H. Bryson  
*The J. Paul Getty Trust*

Lassana Cissé  
*Directeur National du Patrimoine Cultural du Mali (DNPC)*

Stephen W. Clark  
*The J. Paul Getty Trust*

Megan Clement  
*The Conversation Global*

Gilles Dutertré  
*International Criminal Court*

Hugh Eakin  
*New York Review of Books*

Karl W. Eikenberry  
*Stanford University*

Lazare Eloundou Assomo  
*UNESCO*

Alun Evans  
*British Academy*

Jonathan F. Fanton  
*American Academy of Arts and Sciences*

Hartwig Fischer  
*The British Museum*

Katrin Flikschuh  
*London School of Economics*

Rosemary Foot  
*University of Oxford*

Hansjörg Haber  
*formerly, European Union*

Mary Kaldor  
*London School of Economics*

Sunil Khilnani  
*King’s College London*

Maja Kominko  
*Arcadia Fund*

Richard Kurin  
*Smithsonian Institution*

Richard Lambert  
*The British Museum*

Edward Luck  
*Columbia University*

Dana Zaret Luck  
*Mattis and Luck Center for Neuropsychological Services*

Nicholas Mellor  
*Humanitarian Innovation Fund*

Carsten Paludan-Müller  
*Norwegian Institute for Cultural Heritage Research*

Mary Kaldor  
*London School of Economics*

Sunil Khilnani  
*King’s College London*

Maja Kominko  
*Arcadia Fund*

Richard Kurin  
*Smithsonian Institution*

Richard Lambert  
*The British Museum*

Edward Luck  
*Columbia University*

Dana Zaret Luck  
*Mattis and Luck Center for Neuropsychological Services*

Nicholas Mellor  
*Humanitarian Innovation Fund*

Carsten Paludan-Müller  
*Norwegian Institute for Cultural Heritage Research*

Mary Kaldor  
*London School of Economics*

Sunil Khilnani  
*King’s College London*

Maja Kominko  
*Arcadia Fund*

Richard Kurin  
*Smithsonian Institution*

Richard Lambert  
*The British Museum*

Edward Luck  
*Columbia University*

Dana Zaret Luck  
*Mattis and Luck Center for Neuropsychological Services*

Nicholas Mellor  
*Humanitarian Innovation Fund*

Carsten Paludan-Müller  
*Norwegian Institute for Cultural Heritage Research*
As U.S. government funding for research and other services continues to decline, nongovernmental funders, including foundations, corporations, individuals, and even foreign governments, have provided crucial support in a wide range of fields. At the same time, there have been instances, both real and perceived, in which donors may have exercised undue influence on their grantees. Academy Member Larry Kramer convened a meeting at the House of the Academy on October 17–18, 2016, which brought together university and government officials, heads of foundations, media representatives, and researchers. Participants considered whether a statement of best practices could protect the integrity of research, the reputations of donors, and the independence of recipients.

Chair
Larry Kramer
The William and Flora Hewlett Foundation

Participants
Phil Buchanan
Center for Effective Philanthropy
Chad English
David and Lucile Packard Foundation
Jonathan F. Fanton
American Academy of Arts and Sciences

Marion Fremont-Smith
Hauser Institute for Nonprofit Organizations; Harvard Kennedy School
Sam Gill
John S. and James L. Knight Foundation
Antonia Hernandez
California Community Foundation
Marc Kastner
Science Philanthropy Alliance
Robert Kissane
CCS

Gara LaMarche
Democracy Alliance
Leslie Lenkowsky
Indiana University
Earl Lewis
The Andrew W. Mellon Foundation
Jessica Mathews
Carnegie Endowment for International Peace
Anthony Monaco
Tafís University
Aryeh Neier
Open Society Foundations

Michael Oreskes
NPR
Kenneth Prewitt
Columbia University
Elspeth Revere
Ravenswood Consulting Group
Michael D. Smith
Harvard University
Richard Tofel
ProPublica
Preserving Intellectual Legacies in a Digital Age

September 22–23, 2016
Cambridge, MA

As scholars become more dependent on digital technology to preserve and archive their scholarly findings, concerns about how to make intellectual production available to future generations have grown. On September 22–23, 2016, Academy Members Pamela Samuelson, Carla Hesse, and Robert Darnton convened a meeting of authors, publishers, librarians, lawyers, archivists, and public policy experts representing an array of disciplines and backgrounds to address these concerns. Participants raised questions about the equitable transmission of scholarly and cultural knowledge and discussed new possibilities for scalable methods of digital publication and preservation.

**Chairs**

Pamela Samuelson  
University of California, Berkeley  
School of Law  

Carla Hesse  
University of California, Berkeley  

Robert Darnton  
Harvard University

**Participants**

Peter Berkery  
American Association of University Presses  

Dan Cohen  
Digital Public Library of America  

Paul Courant  
University of Michigan  

Jonathan F. Fanton  
American Academy of Arts and Sciences  

Mike Furlough  
HathiTrust  

Tom Griffiths  
University of California, Berkeley  

Lewis Hyde  
Kenyon College  

Brewster Kahle  
Internet Archive  

Donald Lamm  
W.W. Norton & Company  

James J. O’Donnell  
Arizona State University  

Robert Pinsky  
Boston University  

Kenneth Prewitt  
Columbia University  

Jason Rhody  
Social Science Research Council  

Abby Smith Rumsey  
Writer and Historian  

Mahadev Satyanarayanan  
Carnegie Mellon University  

Sidonie Smith  
University of Michigan  

Molly Shaffer Van Houweling  
University of California, Berkeley School of Law  

Don Waters  
The Andrew W. Mellon Foundation  

Nancy Weiss  
U.S. Institute of Museum and Library Services  

Diane P. Wood  
U.S. Court of Appeals, Seventh Circuit  

Jonathan Zittrain  
Harvard Law School

Participants at the meeting on Preserving Intellectual Legacies in a Digital Age.
Native Americans and Academia

August 21–23, 2016
Cambridge, MA

On August 21–23, 2016, Academy Members Philip J. Deloria, Loren Ghiglione, and Douglas Medin, along with Ned Blackhawk, Bryan Brayboy, K. Tsianina Lomawaima, and Mark Trahant, convened a meeting that brought Native American scholars, experts on Native American issues, and Native American tribal leaders to the House of the Academy. Participants discussed critical issues related to Native American representation in academia, such as the future of Native American students and scholars and new intellectual directions for scholarship on American Indian people. The group also considered how academics could, through serious engagement with Native American issues, develop new models for thinking about social diversity, politics, and law that address some of the burdens of American history.

**Chairs**

Philip J. Deloria
*University of Michigan*

Loren Ghiglione
*Northwestern University*

Douglas Medin
*Northwestern University*

**in collaboration with**

Ned Blackhawk
*Yale University*

Bryan Brayboy
*Arizona State University*

K. Tsianina Lomawaima
*Arizona State University*

Mark Trahant
*University of North Dakota*

**Participants**

Jessie “little doe” Baird
*Wôpanâak Language Reclamation Project*

Kari A. B. Chew
*University of Arizona*

Amy E. Den Ouden
*University of Massachusetts, Boston*

N. Bruce Duthu
*Dartmouth College*

Stephanie Fryberg
*University of Washington*

Nanibaa’ Garrison
*University of Washington*

Talia Landry
*Mashpee Wampanoag Tribe*

Wesley Leonard
*University of California, Riverside*

Shelly Lowe
*Harvard University*

Teresa L. McCarty
*University of California, Los Angeles*

Maggie McKinley
*Harvard Law School*

Sheilah E. Nicholas
*University of Arizona*

Kyle Whyte
*Michigan State University*

Rosita Worl
*Sealaska Heritage Institute*

Melissa Tantaquidgeon Zobel
*Mohegan Tribe, Connecticut*
The Future of Jazz in America

May 19, 2016
Cambridge, MA

Inspired by their concerns over the changing popular profile and diminished radio exposure of jazz music, Academy Members and jazz enthusiasts Felton Earls and William Damon convened a meeting at the House of the Academy on May 19, 2016. They brought together jazz scholars, performers, business leaders, philanthropists, and fellow enthusiasts to discuss issues related to performance and outreach, the business of jazz, and jazz education. The group also began planning an issue of *Dædalus*, which will be guest edited by Gerald Early and Ingrid Monson and explore why jazz still matters.

**Chairs**
Felton Earls  
Harvard University  
William Damon  
Stanford University

**Participants**
Pauline Bilsky  
JazzBoston  
Robert Blocker  
Yale University  
Tessil Collins  
Jazz 24/7  
Stephen Daniel  
Seyron Partners, LLC  
Gerald Early  
Washington University in St. Louis  
Jonathan F. Fanton  
American Academy of Arts and Sciences  
Eric Jackson  
WGBH Jazz Radio  
Sean Jones  
Berklee College of Music  
Ingrid Monson  
Harvard University  
Martin Mueller  
The New School  
James Nadel  
Stanford University  
Robert O’Meally  
Columbia University  
Tim Owens  
NPR Jazz  
Meghan Stabile  
Revive Music Group  
Tod Stoll  
Jazz at Lincoln Center  
Judith Tick  
Northeastern University

Participants at the meeting on The Future of Jazz in America
Bridging the Gap between Area and Global Studies

March 7, 2016
Cambridge, MA

With the divides between area and global studies widening, Academy Member Arthur Kleinman chaired a meeting of scholars from across the United States and the United Kingdom to develop novel ways of easing these long-standing tensions. On March 7, 2017, at the House of the Academy, participants worked to identify and better understand impediments to collaboration between the fields and to develop initial steps toward strengthening and sustaining cross-disciplinary relationships. The meeting also provided an opportunity for scholars to explore broader questions about how knowledge might be reorganized and institutionalized to support twenty-first-century scholarship.

Chair
Arthur Kleinman
Harvard University

Participants
Emmanuel Akyeampong
Harvard University
Nezar AlSayyad
University of California, Berkeley
Patricia Biermayr-Jenzano
Georgetown University
Grzegorz Ekiert
Harvard University
Mark Elliott
Harvard University
Jonathan F. Fanton
American Academy of Arts and Sciences
Ted Gerber
University of Wisconsin-Madison
Andrew Hurrell
University of Oxford
Vera Jelinek
New York University
Salmaan Keshavjee
Harvard Medical School
Michèle Lamont
Harvard University
Cynthia Miller-Idriss
American University
Henry Rosovsky
Harvard University
Haun Saussy
University of Chicago
Mitchell Stevens
Stanford University
Karen Thornber
Harvard University
Ezra Vogel
Harvard University

Collaborative on Autism and Sign Language

December 12–13, 2015
Cambridge, MA

On December 12–13, 2015, Academy Members Mark Aronoff, Susan Goldin Meadow, and Charles Nelson, in collaboration with Matthew Lerner, convened a meeting of the Consortium on Autism and Sign Language at the House of the Academy. The meeting brought together scholars from more than nine fields and nineteen universities for the purpose of advancing novel hypotheses about the emergence of communication in autism by leveraging methods and insights from the latest research on sign language. Participants also welcomed and integrated the voices of people from autistic and deaf communities into their plans for developing a cross-disciplinary research agenda on the nature of communication in these populations.

Chairs
Mark Aronoff
Stony Brook University
Susan Goldin Meadow
University of Chicago
Charles Nelson
Harvard University

in collaboration with
Matthew Lerner
Stony Brook University

Participants
Mihaela Barokova
Stony Brook University
Pamela Block
Stony Brook University
Noah Britton
Banker Hill Community College
Jamie Burke
Syracuse
Sheree Burke
Communication Support for Jamie Burke
Anthony Burns
Stony Brook University
Alisson Canfield
University of Connecticut
EXPLORATORY MEETINGS | COLLABORATIVE ON AUTISM AND SIGN LANGUAGE, continued

Brian Casteluccio  
University of Connecticut

Michelle Cheng  
Rutgers University

April Choi  
Harvard University

Francis Cooley  
University of Texas, Austin

Laura Edwards  
Harvard University

Inge-Marie Eigsti  
University of Connecticut

Jacqueline Emmart  
Sign Language Interpreter

John Fassenden  
Stony Brook University

Kayla Finch  
Boston University

Michele Friedner  
Stony Brook University

Jolanta Galloway  
Sign Language Interpreter

Jacquelyn Gates  
Stony Brook University

Morton Gerbscher  
University of Wisconsin-Madison

Elizabeth Grace  
National Louis University

Josh Green  
University of Connecticut

Alycia Halladay  
Autism Science Foundation

Paul Harris  
Harvard University

Anders Hogstrom  
University of Connecticut

Lynn Hou  
University of Texas, Austin

Jana Iverson  
University of Pittsburgh

Vikram Jaswal  
University of Virginia

Erin Kang  
Stony Brook University

Nancy Kanwisher  
Massachusetts Institute of Technology

Cara Keifer  
Stony Brook University

Meghan Leonhardt  
Stony Brook University

Matthew Lerner  
Stony Brook University

Bianca Marro  
Stony Brook University

James McPartland  
Yale University

Richard Paul Meier  
University of Texas, Austin

Maria Mody  
Harvard Medical School; Massachusetts General Hospital

Cora Mukerji  
Harvard University

Jessie Northrup  
University of Pittsburgh

Carol Padden  
University of California, San Diego

David Perlmutter  
University of California, San Diego

John Elder Robison  
College of William & Mary

Emily Roemer  
University of Pittsburgh

Tamara Rosen  
Stony Brook University

Rick Rubin  
Sign Language Interpreter

Clarence Schutt  
Princeton University

Sophie Schwartz  
Boston University

Aaron Shield  
Miami University of Ohio

Stephen Shore  
Adelphi University

Shubi Sinha  
University of Virginia

Ruth Anna Spooner  
University of Michigan

Mrikanga Sur  
Massachusetts Institute of Technology

Helen Tager-Flusberg  
Boston University

Rebecca Weber  
Stony Brook University

Kelsey West  
University of Pittsburgh

Melanie Yergeau  
University of Michigan
Making Justice Accessible

November 11–12, 2015
Cambridge, MA

By some estimates, only 20 percent of qualified Americans receive the necessary aid they require as they move through the American justice system. Millions are left unaided and unable to negotiate a complicated legal system on their own. To begin addressing this critical issue, Academy Members John Levi, Martha Minow, and Lance Liebman chaired a meeting of more than fifty judges and justices, chief justices, legal scholars, and lawyers at the House of the Academy. Participants discussed issues ranging from fees and the difficulty of navigating the court system to the role of corporations in providing pro bono representation and the use of technology in the legal profession. This meeting has inspired an Academy project on Making Justice Accessible: Data Collection and Legal Services for Low-Income Americans.

Chairs
John Levi
Legal Services Corporation; Sidley Austin LLP
Lance Liebman
Columbia Law School
Martha Minow
Harvard Law School

Participants
Kyle Barry
Alliance for Justice
Lincoln Caplan
Yale Law School
Dan Clivner
Sidley Austin LLP
Lisa Colpoys
Illinois Legal Aid Online
Colleen Cotter
Legal Aid Society of Cleveland
Ron Dolin
Harvard Law School
Douglas Eakeley
Rutgers University School of Law
Jonathan F. Fanton
American Academy of Arts and Sciences
Fern Fisher
New York City Courts
Bryon Fong
Harvard Law School
Lisa Foster
U.S. Department of Justice
Ralph Gants
Massachusetts Supreme Judicial Court
Steve Gottlieb
Atlanta Legal Aid
Robert Grey
Hunton & Williams
Mark Hansen
University of Chicago
Nan Heald
Pine Tree Legal Assistance
Nathan L. Hecht
Supreme Court of Texas
William Hubbard
Nelson Mullins Riley & Scarborough LLP
Alexandra Lahav
University of Connecticut School of Law
Bill Lee
WilmerHale
David F. Levi
Duke Law School
Jonathan Lippman
Latham & Watkins
Goodwin Liu
California Supreme Court
Lora Livingston
261st Civil District Court
Ed Marks
New Mexico Legal Aid
Victor Marrero
U.S. District Court for the Southern District of New York
Margaret H. Marshall
Choate Hall & Stewart LLP
Mathew McCubbins
Duke University
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Diane P. Wood
U.S. Court of Appeals, Seventh Circuit
Anthony Young
Southern Arizona Legal Aid
Richard Zorza
National Self-Represented Litigation Network
Understanding the New Nuclear Age

June 19, 2015
Cambridge, MA

As the foundations and principles that defined the nuclear order after World War II and during the Cold War shift and evolve, new challenges confront the international community. On June 19, 2015, Academy Member Robert Legvold chaired a meeting at the House of the Academy that brought together a group of experts in international security. The participants examined recent changes in the dynamics of the nuclear order, explored the effect of new technologies on nuclear strategies, and assessed how future arms control agreements could be designed to address these changes. The meeting has since developed into an Academy project in the Global Security and International Affairs program area.

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Columbia University

Participants
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Carnegie Endowment for International Peace
Jonathan F. Fanton
American Academy of Arts and Sciences
Catherine Kelleher
University of Maryland
Michael Krepon
The Stimson Center
Barry Posen
Massachusetts Institute of Technology

Michael D. Swaine
Carnegie Endowment for International Peace
Nina Tannenwald
Brown University
The Academy’s Local Program Committees bring local Members together to advise on current Academy projects; to elevate the impact of Academy reports and publications; to explore topics of interest at the local or national level; and to provide opportunities for social and intellectual connection. The Academy has formed committees in Berkeley, Boston-Cambridge, Houston, Los Angeles, New Haven, New York, Philadelphia, Princeton, Providence, St. Louis, San Diego, and Washington, D.C., and is establishing new committees in Chicago and North Carolina, among other locations.

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<th>LOCAL PROGRAM COMMITTEES</th>
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Martha’s Table
Friday Forum

The Friday Forum series brings together academic and cultural leaders from the greater Boston area to discuss issues of timely concern, new books, and recently completed research. Typically on the first Friday of the month, participants gather at the House of the Academy for lunch, a short presentation by a featured speaker, and a group discussion moderated by Robert Campbell (architecture critic, *The Boston Globe*), chair of the Friday Forum.

Discussion Groups

**MEETINGS**

November 11, 2016  
House of the Academy  
*The Art of Rivalry: Four Friendships, Breakthroughs, and Betrayals in Modern Art*  
Featured Speaker: Sebastian Smee (art critic, *The Boston Globe*)

December 2, 2016  
House of the Academy  
*Replacing Animal Testing Using Human Organ-on-Chips*  
Featured Speaker: Donald Ingber (Wyss Institute for Biologically Inspired Engineering at Harvard University; Harvard Medical School; Harvard John A. Paulson School of Engineering and Applied Sciences; Boston Children’s Hospital)

February 3, 2017  
House of the Academy  
*Democracy’s Detectives: Investigative Journalism in the Internet Age*  
Featured Speaker: Ellen Hume (Journalist)

March 3, 2017  
House of the Academy  
*The Most Dangerous Book: The Battle for James Joyce’s “Ulysses”*  
Featured Speaker: Kevin Birmingham (Harvard University)

May 5, 2017  
House of the Academy  
*The Girl at the Baggage Claim: Explaining the East-West Culture Gap*  
Featured Speaker: Gish Jen (Writer)

June 9, 2017  
House of the Academy  
*This African-American Life: A Memoir*  
Featured Speaker: Hugh Price (formerly, National Urban League)
**Civic Discourse Discussion Series,**
initiated by the Boston-Cambridge Planning Committee

**MEETINGS**

February 13, 2017
Boston University
*Real Discussion in a Climate of Hot Partisanship*
Featured Speaker: Virginia Sapiro (Boston University)

February 28, 2017
House of the Academy
*Siloed Speech on Campus*
Featured Speaker: Sherry Turkle (Massachusetts Institute of Technology)

March 9, 2017
House of the Academy
#Republic: Divided Democracy in the Age of Social Media
Featured Speaker: Cass Sunstein (Harvard Law School)

April 12, 2017
House of the Academy
*Is the American Liberal Order Ending?*
Featured Speaker: Joseph Nye (Harvard Kennedy School)

**The Public Engagement Working Group**

The Public Engagement Working Group, convened under the auspices of the Public Face of Science initiative and led by James Haber (Brandeis University), provided a forum for a diverse group of scholars, including scientists, historians, and communication experts, to draw lessons from historical case studies that could be applied to future efforts to develop public consensus on potentially controversial scientific developments.

**MEETINGS**

February 23, 2017
House of the Academy
*Inaugural Meeting*
Featured Speakers: James Haber (Brandeis University); Lisa Randall (Harvard University)

March 30, 2017
House of the Academy
*Case Study #1: Vaccines*
Featured Speakers: Barry Bloom (Harvard T.H. Chan School of Public Health); Seth Mnookin (Massachusetts Institute of Technology)

April 13, 2017
House of the Academy
*Case Study #2: Gene Editing*
Featured Speakers: Kevin Esvelt (MIT Media Lab); Richard O. Hynes (The Koch Institute for Integrative Cancer Research, MIT); Sophia Roosth (Harvard University)

May 11, 2017
House of the Academy
*Case Study #3: Atmospheric Pollution*
Featured Speakers: James Fleming (Colby College); Philip Duffy (Woods Hole Research Center)

June 8, 2017
House of the Academy
*Conclusions: Connecting to the Public*
Featured Speakers: Jennifer Hochschild (Harvard University); David Kaiser (Massachusetts Institute of Technology)
Member Events

**BOULDER, COLORADO**

March 20, 2017
Boulder, CO

*Member Gathering & Discussion: Commission on the Future of Undergraduate Education*

**CHICAGO, ILLINOIS**

February 20, 2017
University of Chicago

*Communicating Scientific Facts in an Age of Uncertainty*

Featured Speakers: Arthur Lupia (University of Michigan), Olufunmilayo I. Olopade (University of Chicago Medical Center), Robert Rosner (University of Chicago); remarks by Robert J. Zimmer (University of Chicago)

**FLORIDA**

January 14, 2017
Naples, FL

*Member Gathering*

January 16, 2017
Palm Beach, FL

*Member Gathering*

**IOWA CITY, IOWA**

March 9, 2017
University of Iowa

*Member Gathering in conjunction with The Lincoln Project Forum*

**LOS ANGELES, CALIFORNIA**

*August 9, 2016
Los Angeles, CA

*Los Angeles Program Committee Meeting*

November 13, 2016
Los Angeles, CA

*Meeting of Advisors to the Commission on the Future of Undergraduate Education*

*November 13, 2016
Los Angeles, CA

*Creative Forces in Entertainment and Science: The Unlikely and Invaluable Connection*

Featured Speakers: Sean M. Carroll (California Institute of Technology), Sherry Lansing (Sherry Lansing Foundation), John Lithgow (Actor, Recording Artist). Moderator: Geoffrey Cowan (University of Southern California)

*July 18, 2017
Los Angeles, CA

*Los Angeles Program Committee Meeting*

**MADISON, WISCONSIN**

December 14, 2016
University of Wisconsin-Madison

*Member Gathering*

Featured Speakers: Rebecca Blank (University of Wisconsin-Madison), Mary Sue Coleman (Association of American Universities)

*Activity of a Local Program Committee*
Arthur Lupia, Jonathan F. Fanton, Olufunmilayo I. Olopade, Eric D. Isaacs, and Robert Rosner

Geoffrey Cowan, Sean M. Carroll, Sherry Lansing, and John Lithgow

Newly elected members at Yale University: Scott Miller, Samuel Kortum, Shelly Kagan, Mark Hochstrasser, and Peter Schuck

Thomas Rosenbaum, Katherine Faber, and David Lee

Diane Ackerman, Alan Alda, and Geneva Overholser

Roger W. Ferguson, Jr. and Nancy Andrews
**NEW HAVEN, CONNECTICUT**

* November 7, 2016
Yale University

* Reception for Members

* November 28, 2016
Yale University

* Town Hall Meeting on the U.S. Elections
Featured Speakers: David Mayhew (Yale University), Susan Stokes (Yale University)

* December 16, 2016
Yale University

* Research Presentations: Black Holes & Beethoven
Featured Speakers: Meg Urry (Yale University), Craig Wright (Yale University)

* February 3, 2017
Yale University

* Courts and Law in the Age of Trump
Featured Speaker: Linda Greenhouse (Yale University)

* February 27, 2017
Yale University

* Computer-Aided Drug Discovery
Featured Speaker: William L. Jorgensen (Yale University)

March 29, 2017
Yale University

* Reception for Yale Members of the American Academy and the National Academies
Featured Speaker: Peter Salovey (Yale University)

* April 14, 2017
Yale University

* Why Are There So Many Different Kinds of Leaves?
Featured Speaker: Michael Donoghue (Yale University)

* May 17, 2017
Yale University

* New Member Reception

**NEW YORK CITY**

December 12, 2016
New York, NY

* Morton L. Mandel Public Lecture
Communicating Science Through Art
Featured Speakers: Diane Ackerman (Poet, Essayist), Alan Alda (Actor, Writer, Director). Moderator: Geneva Overholser (Democracy Fund; formerly, USC Annenberg School for Communication and Journalism)

December 12, 2016
New York, NY

* Meeting of Advisors to the Commission on the Future of Undergraduate Education
Hosted by Glenn Hutchins (North Island; Silver Lake)

June 5, 2017
New York, NY

* New Member Reception
Featured Speaker: Roger W. Ferguson, Jr. (TIAA)

* June 15, 2017
New York, NY

* New York Program Committee Meeting

* June 26, 2017
Skadden, Arps, Slate, Meagher & Flom LLP
New York, NY

* Livestream and Discussion: Challenging Corrupt Practices: America, Brazil, Globally
Featured Speaker: Michael Sovern (Columbia University), moderator
Via video: Sergio Fernando Moro (Thirteenth Federal Criminal Court, Curitiba, Brazil), Zephyr Teachout (Fordham University School of Law), Mark L. Wolf (United States District Court for the District of Massachusetts), Robert I. Rotberg (Harvard Kennedy School; World Peace Foundation)
Robert Millard, Alfred Spector, and Carl Pforzheimer

Maria Jasin and Scott Keeney

Veerabhadran Ramanathan, Gordon N. Gill, and David G. Victor

Elaine Sisman, Marty Fridson, and Pauline Yu

Scott D. Sagan, Joseph H. Felter, Paul H. Wise, and Debra Satz

Jonathan F. Fanton and Marc Tessier-Lavigne
PALO ALTO, CALIFORNIA

November 16, 2016
Stanford University
A Collective Moral Awakening: Ethical Choices in War and Peace
Featured Speakers: Joseph Felter (Stanford University), Scott Sagan (Stanford University), Paul Wise (Stanford University). Moderator: Debra Satz (Stanford University)

March 8, 2017
Stanford University
Livestream – 2017 Distinguished Morton L. Mandel Annual Public Lecture
Ethics and the Global War on Terror: Can Conflicts with Non-State Actors Be Fought in a Just Way?
Moderator: Paul Wise (Stanford University)
Via Video: Gabriella Blum (Harvard Law School), Neta Crawford (Boston University), Jennifer Leaning (Harvard T.H. Chan School of Public Health), Allen S. Weiner (Stanford Law School)

May 4, 2017
Stanford University
Barriers to International Scientific Collaboration Roundtable
Featured Speakers: Ann Arvin (Stanford University), Arthur Bienenstock (Stanford University), Peter Michelson (Stanford University)

PROVIDENCE, RHODE ISLAND

May 9, 2017
Brown University
Member Gathering

ST. LOUIS, MISSOURI

February 10, 2017
Washington University in St. Louis
Member Gathering

SAN DIEGO, CALIFORNIA

*September 30, 2016
University of California, San Diego
San Diego Program Committee Meeting

*November 15, 2016
University of California, San Diego
Global Warming: Current Science, Future Policy
Featured Speakers: Veerabhadran Ramanathan (University of California, San Diego), David G. Victor (University of California, San Diego). Moderator: Gordon N. Gill (University of California, San Diego School of Medicine)

*January 30, 2017
University of California, San Diego
San Diego Program Committee Meeting

*February 13, 2017
University of California, San Diego
The Future of Immigration Reform
Featured Speakers: David FitzGerald (University of California, San Diego), Tom K. Wong (University of California, San Diego). Moderator: David A. Lake (University of California, San Diego)

*May 11, 2017
University of California, San Diego
Robotics: Their Promises for the 21st Century
Featured Speaker: Henrik Christensen (University of California, San Diego). Moderator: Gordon N. Gill (University of California, San Diego School of Medicine)

PRINCETON, NEW JERSEY

*November 21, 2016
Woodrow Wilson School of Public and International Affairs, Princeton University
Where Do We Go From Here? Policy Priorities for the New Administration
MEMBER EVENTS

Jeannette M. Wing and Sylvester James Gates, Jr.

Helen Milner, Brandice Canes-Wrone, and Nolan McCarty

Richard A. Meserve, Mary Sue Coleman, Alan I. Leshner, Joe Palca, and Matthew P. Scott

Barry Posen, Francis J. Gavin, Stephen M. Walt, Leslie Vinjamuri, and Francesca Giovannini

Paul LeClerc, Martha Abbott, Nancy McEldowney, and Rubén Rumbaut
SEATTLE, WASHINGTON

May 2, 2017
University of Washington
The Lincoln Project
Featured Speakers: Robert Birgeneau (University of California, Berkeley), Ana Mari Cauce (University of Washington)

SOUTH BEND, INDIANA

March 8, 2017
University of Notre Dame
Livestream – 2017 Distinguished Morton L. Mandel Annual Public Lecture
Ethics and the Global War on Terror: Can Conflicts with Non-State Actors Be Fought in a Just Way?
Moderator: Tanisha Fazal (University of Notre Dame)
Via Video: Gabriella Blum (Harvard Law School), Neta Crawford (Boston University), Jennifer Leaning (Harvard T.H. Chan School of Public Health), Allen S. Weiner (Stanford Law School)

TEXAS

*November 7, 2016
Houston, TX
Houston Program Committee Inaugural Meeting

February 7, 2017
Austin, TX
Member Dinner & Discussion: Commission on the Future of Undergraduate Education
Featured Speaker: Michael McPherson (formerly, Spencer Foundation)

February 8, 2017
Baker Institute, Rice University
Science, Technology, and Innovation Policy in the New Administration
Featured Speakers: Sylvester James Gates, Jr. (University of Maryland, College Park), Jeannette M. Wing (Columbia University; formerly, Microsoft Research)

WASHINGTON, D.C.

*February 27, 2017
George Washington University
Washington, D.C. Program Committee Meeting

February 28, 2017
National Press Club
Release of New Academy Report
America’s Languages: Investing in Language Education for the 21st Century
Featured Speakers: Paul LeClerc (Columbia University), Nancy McEl Downey (Foreign Service Institute, U.S. Department of State), Ruben Rumbaut (University of California, Irvine), Martha Abbott (American Council on the Teaching of Foreign Languages)

May 18, 2017
Carnegie Institution for Science
Communicating Science in an Age of Disbelief in Experts
Featured Speakers: Mary Sue Coleman (Association of American Universities), Alan I. Leshner (American Association for the Advancement of Science), Joe Palca (National Public Radio), Matthew P. Scott (Carnegie Institution for Science). Moderator: Richard A. Meserve (Covington & Burling LLP; formerly, Carnegie Institution for Science)
MEMBER EVENTS

A Celebration of the Arts and Humanities, featuring Kim Kashkashian, Diane Ackerman, Mikhail Piotrovskiy, JoAnn Falletta, Eavan Boland, Yusef Komunyakaa, and Kongjian Yu

Induction 2016 closing program, featuring Temple Grandin on “Educating Students Who Have Different Kinds of Minds”


Jennifer Hochschild, Lawrence Bobo, and Charles Stewart III
CAMBRIDGE, MASSACHUSETTS

August 9, 2016
House of the Academy
The Impact of Brexit: Populism, Inequality, Sovereignty, and the Future of the International Liberal Order
Featured Speakers: Francis J. Gavin (Massachusetts Institute of Technology), Barry Posen (Massachusetts Institute of Technology), Leslie Vinjamuri (Centre on Conflict, Rights and Justice, University of London; Chatham House), Stephen M. Walt (Harvard Kennedy School)

September 14, 2016
House of the Academy
Capturing Music: The Technology of Medieval Sound
Featured Speaker: Thomas Forest Kelly (Harvard University). Performance by Blue Heron

September 18, 2016
House of the Academy
Film screening of Command and Control

September 26, 2016
House of the Academy
Public Face of Science Discussion Series Steering Group Meeting

September 29, 2016
House of the Academy
Book Talk: Lesson Plan: An Agenda for Change in American Higher Education
Featured Speaker: Michael McPherson (formerly, Spencer Foundation)

October 7, 2016
Harvard University
A Celebration of the Arts and Humanities

October 8, 2016
House of the Academy
New Members’ Briefing on Academy Projects and Studies

October 8, 2016
Harvard University
Induction Ceremony

October 9, 2016
House of the Academy
Educating Students Who Have Different Kinds of Minds
Featured Speaker: Temple Grandin (Colorado State University)

October 19, 2016
House of the Academy
Reception for Members

November 2, 2016
House of the Academy
Meeting on Human Rights

November 4, 2016
House of the Academy
Luncheon & Discussion with Congressman Michael Capuano
Featured Speaker: Michael E. Capuano (U.S. House of Representatives)

November 10, 2016
House of the Academy
Populism and the Future of American Politics
Featured Speakers: Lawrence Bobo (Harvard University), Jennifer Hochschild (Harvard University). Moderator: Charles Stewart III (Massachusetts Institute of Technology)

*November 17, 2016
House of the Academy
Boston-Cambridge Program Committee Meeting

November 18, 2016
House of the Academy
Entartete Musik
Chamber series in collaboration with the Cantata Singers
Performance by the Cantata Singers

James Cuno and Kwame Anthony Appiah

Carey Goldberg, Rebecca Saxe, Paula Hammond, and Saba Valadkhan

Jonathan F. Fanton, Talcott Parsons Prize recipient Joan Wallach Scott, Don M. Randel, and Laurel Thatcher Ulrich

Toni Morrison accepting the Emerson-Thoreau Medal
November 21, 2016
House of the Academy
Luncheon Discussion with U.S. Special Envoy to Libya
Featured Speaker: Jonathan Winer (U.S. Department of State)

December 14, 2016
House of the Academy
Winter Concert in Tribute to Leo L. Beranek
Performance by the Boston Cello Quartet, featuring members of the Boston Symphony Orchestra

January 20, 2017
House of the Academy
Weiner and Weill
Chamber series in collaboration with the Cantata Singers

February 15, 2017
House of the Academy
Staged Reading and Discussion of “Paradise” by Laura Maria Censabella
in collaboration with the Catalyst Collaborative@MIT
Featured Speakers: Paula Hammond (Massachusetts Institute of Technology), Rebecca Saxe (Massachusetts Institute of Technology), Saba Valadkhan (Case Western Reserve University), Debra Wise (Catalyst Collaborative@MIT; Underground Railway Theater; Central Square Theater). Moderator: Carey Goldberg (WBUR)

March 8, 2017
House of the Academy
2017 Distinguished Morton L. Mandel Annual Public Lecture
Ethics and the Global War on Terror: Can Conflicts with Non-State Actors Be Fought in a Just Way?
Featured Speakers: Gabriella Blum (Harvard Law School), Neta Crawford (Boston University), Jennifer Leaning (Harvard T.H. Chan School of Public Health), Allen S. Weiner (Stanford Law School)

March 31, 2017
House of the Academy
Les Six
Chamber series in collaboration with the Cantata Singers

April 6, 2017
House of the Academy
A Celebration of the Arts & Sciences: Presentation of the Emerson-Thoreau Medal & the Talcott Parsons Prize
Featured Speakers: Toni Morrison (Princeton University), Joan Wallach Scott (Institute for Advanced Study)

*April 10, 2017
House of the Academy
Boston-Cambridge Program Committee Meeting

April 13, 2017
House of the Academy
Are Animals Natural?
Featured Speakers: Jonathan Losos (Harvard University), Harriet Ritvo (Massachusetts Institute of Technology)

April 18, 2017
House of the Academy
Our Compelling Interests: The Value of Diversity for Democracy and a Prosperous Society
in collaboration with The Andrew W. Mellon Foundation, WGBH, World Channel, and Princeton University Press
Featured Speakers: Danielle Allen (Harvard University), Earl Lewis (The Andrew W. Mellon Foundation), Deval Patrick (Bain Capital Double Impact; former Governor of Massachusetts), Amy Schulman (Polaris Partners). Moderator: Liz Cheng (WGBH and World Channel)
Concert featuring the Boston Cello Quartet

Joseph Martin and Nancy C. Andrews

Deval Patrick, Amy Schulman, Earl Lewis, Danielle Allen, and Liz Cheng

Kim Kashkashian and Laurence Lesser

Margaret Marshall and Paula Giddings

James McCarthy, Felton Earls, and Naomi Oreskes
April 19, 2017
House of the Academy
*Local Advisors Briefing on the Commission on the Future of Undergraduate Education*

*May 2, 2017
House of the Academy
*Reception for New Members*

May 17, 2017
House of the Academy
*How Do We See?*
Featured Speakers: Charles Gilbert (The Rockefeller University), Dale Purves (Duke Institute for Brain Services).
Moderator: Ken Nakayama (Harvard University)

May 17, 2017
House of the Academy
*Dangerous Escalations: Iran, Israel & the Trump Doctrine*
Featured Speaker: David Menashri (Tel Aviv University)

June 26, 2017
House of the Academy
*Challenging Corrupt Practices: America, Brazil, Globally*
Featured Speakers: Sergio Fernando Moro (Thirteenth Federal Criminal Court, Curitiba, State of Paraná, Brazil), Zephyr Teachout (Fordham University School of Law), Mark L. Wolf (U.S. District Court for the District of Massachusetts). Moderator: Robert I. Rotberg (Harvard Kennedy School; World Peace Foundation)

**INTERNATIONAL MEETINGS**

**EDINBURGH, UNITED KINGDOM**
July 7, 2016
*Scotland Member Gathering*

**JERUSALEM, ISRAEL**
October 26, 2016
*Israel Academy of Sciences and Humanities Roundtable Discussion with Members in Israel*

**LONDON, UNITED KINGDOM**
November 29, 2016
*Spencer House London Member Reception*
Featured Speakers: James Cuno (The J. Paul Getty Trust), Louise M. Richardson (University of Oxford), Jacob Rothschild (Rothschild Foundation; RIT Capital Partners)

**BERLIN, GERMANY**
December 2, 2016
*Prussian Cultural Heritage Foundation Berlin Member Gathering and Roundtable Discussion*

**GENEVA, SWITZERLAND**
June 14, 2017
*Geneva Member Gathering*
Roundtable discussion with Academy members in Israel

Susan Hockfield, Patti Saris, and Daniela Rus

Dale Purves, Ken Nakayama, and Charles Gilbert

James Cuno, Lord Jacob Rothschild, Louise Richardson, and Jonathan F. Fanton at a reception in London for Academy members
The Affiliates program is a partnership between the Academy and leading colleges, universities, and cultural and scientific organizations. The Affiliates collaborate with the Academy by participating in its studies and by helping to support its efforts to advance the common good.

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