Projects, Publications, and Meetings of the Academy
With Appreciation . . .

Academy projects, publications, and meetings are supported by gifts and grants from Members, friends, foundations, corporations, Affiliates, and other funding agencies. The Academy expresses its deep appreciation for this support and to the many Members who contribute to its work.
## CONTENTS

### From the President

#### Projects, Publications, and Meetings

**American Institutions, Society, and the Public Good**
- Overview
- Commission on the Practice of Democratic Citizenship
- Making Justice Accessible

**Education and the Development of Knowledge**
- Overview
- Commission on the Future of Undergraduate Education
- A Study on K–12 Education

**Global Security and International Affairs**
- Overview
- Meeting the Challenges of the New Nuclear Age, Phase One
- Meeting the Challenges of the New Nuclear Age, Phase Two:
  - Deterrence and New Nuclear States
- The Global Nuclear Future
- Civil Wars, Violence, and International Responses
- Rethinking the Humanitarian Health Response to Violent Conflict

**The Humanities, Arts, and Culture**
- Overview
- Commission on the Arts
- The Humanities Indicators

**Science, Engineering, and Technology**
- Overview
- The Public Face of Science
- Challenges for International Scientific Partnerships
- The Alternative Energy Future
- Water Security

**Exploratory Initiatives**

**Local Program Committees**

**Member Events**

**Affiliates of the American Academy**

**Academy Leadership**
Since its founding in 1780, the American Academy of Arts and Sciences has brought members together to examine new ideas, address issues of importance to the nation and the world, and “cultivate every art and science which may tend to advance the interest, honor, dignity, and happiness of a free, independent, and virtuous people.” The Academy has always played an important role in advancing the best thinking available about pressing policy challenges and important scholarly questions.

As you will see in the pages that follow, the Academy is exploring a range of topics in science, global security, education, the arts, and society. One commission is examining how to prepare individuals in a diverse society to be active and engaged citizens. Another Academy project is exploring how to improve access to quality legal services for low-income Americans. The Commission on the Future of Undergraduate Education is working to advance its recommendations to help ensure that all students receive the academic, social, emotional, and financial support that will enable them to complete successfully their college journey. Our project on Meeting the Challenges of the New Nuclear Age is working to articulate a new framework to keep the world safe from nuclear conflict. A new Commission on the Arts is exploring how to involve the arts and artists in helping to bridge divides within society. And the Academy’s Public Face of Science project is examining how the public builds trust in science and evidence. These studies draw upon the expertise of hundreds of our members from diverse professions and disciplines to advance the welfare of the nation and the world.

We are grateful to the many members who support the Academy’s projects, publications, and programs. This support allows the Academy to continue to elevate the use of evidence and knowledge, foster civil discourse, and advance the common good. I look forward to working with our members to ensure that the Academy continues to achieve these goals.

David W. Oxtoby
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.
Program Advisory Committee

Chair
Frances McCall Rosenbluth
Yale University

Members
Danielle Allen
Harvard University

Thomas Bender
New York University

Lee Epstein
Washington University in St. Louis

Susan Hanson
Clark University

Antonia Hernández
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Alan M. Dachs
Fremont Group

William Poorvu
Harvard Business School

Kenneth Prewitt
Columbia University

James M. Stone
Plymouth Rock Companies

Project

Commission on the Practice of Democratic Citizenship

The Commission on the Practice of Democratic Citizenship is a multiyear initiative that will develop a plan of action for identifying and promoting the values, behaviors, and skills needed for effective citizenship and civic participation in a twenty-first-century democracy. The Commission will create a working definition of effective citizenship and compile data on current practices. The Commission will also identify factors that encourage or impede civic engagement, highlighting promising local initiatives around the country and recommending steps that communities, institutions, and individuals can take to promote engaged citizenship. The Commission plans to meet four times over the course of its term; the first meeting took place in April 2018 and the second was held in September 2018. The Commission will publish several papers on key facets related to the practice of citizenship and will set an agenda for future research. The release of the Commission’s final report and recommendations will take place in early 2020.

Commission Chairs

Danielle Allen
Harvard University

Stephen Heintz
Rockefeller Brothers Fund

Eric Liu
Citizen University; Aspen Institute Citizenship and American Identity Program

Commission Members

Sayu Bhojwani
The New American Leaders Project

danah boyd
Data & Society

Caroline B. Brettell
Southern Methodist University

David B. Brooks
New York Times Company

David Campbell
University of Notre Dame

Lisa Conn
Icebreaker

Alan M. Dachs
Fremont Group

Jonathan Fanton
American Academy of Arts and Sciences

Lisa Garcia Bedolla
University of California, Berkeley

Sam Gill
John S. and James L. Knight Foundation

Marie Griffith
Washington University in St. Louis

Hahrie Han
University of California, Santa Barbara

Antonia Hernández
California Community Foundation

Wallace Jefferson
Alexander Dubose & Jefferson LLP

Joseph Kahne
University of California, Riverside

Kei Kawashima-Ginsberg
Center for Information & Research on Civic Learning and Engagement, Tufts University

Yuval Levin
National Affairs

Carolyn J. Lukensmeyer
National Institute for Civil Discourse

Martha McCoy
Everyday Democracy
Continued Commission on the Practice of Democratic Citizenship

Lynn Nottage  
Columbia University  
School of the Arts

Steven Olikara  
Millennial Action Project

Norman Jay Ornstein  
American Enterprise Institute

Bob Peck  
FPR Partners

Pete Peterson  
Pepperdine University

Miles Rapoport  
Harvard University

Michael Schudson  
Columbia University  
School of Journalism

Sterling Speirn  
National Conference on Citizenship

Miles Rapoport  
Harvard University

Ben Vinson  
Case Western Reserve University

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

Judy Woodruff  
MacNeil/Lehrer Productions

Marcelo M. Suárez-Orozco  
University of California, Los Angeles

Ethan Zuckerman  
Center for Civic Media, Massachusetts Institute of Technology

PROJECT STAFF

Paul Erickson  
Gabriela Farrell  
Darshan Goux  
Natoschia Scruggs

FUNDER

S. D. Bechtel, Jr. Foundation

PROJECT MEETINGS

Meeting of the Commission

September 17–18, 2018  
Rockefeller Brothers Fund  
New York City

The second meeting of the full Commission on the Practice of Democratic Citizenship focused on refinement of the Commission’s guiding assumptions and theory of action as well as responses to the work plans of the Commission’s three working groups: Data and Indicators, Engagement Design, and Crosswalks between Civic and Social Engagement. In addition, the Commission developed a plan of action for conducting a range of conversations with Americans around the country and identified a framework for those discussions.

MEETING CHAIRS

Danielle Allen  
Harvard University

Stephen Heintz  
Rockefeller Brothers Fund

Eric Liu  
Citizen University;  
Aspen Institute Citizenship and American Identity Program

GUEST SPEAKER

Nuala O’Connor  
Center for Democracy and Technology;  
Knight Commission on Trust, Media, and Democracy
Roundtable Discussion

December 4, 2018
The Cosmos Club
Washington, D.C.

This roundtable discussion offered Commission Co-chairs and staff the opportunity to gain insights from Washington-area Academy members and to test some of the Commission’s working hypotheses. In particular, the conversation focused on what areas in the field of civic engagement and citizenship have been well covered by previous groups, and where the Commission could make new contributions.

MEETING CHAIRS

Jonathan Fanton  
American Academy of Arts and Sciences

Steven Knapp  
George Washington University

Framework Development Workshop

February 6, 2019
House of the Academy
Cambridge, MA

The Commission held a one-day workshop to gain insight from experts into the background of the most important recommendations in four areas of focus: fostering a healthy and energetic civil society; advocating for ways to make political institutions more responsive to citizens; identifying and promoting the values, norms, and narratives that support a healthy democratic civil society and healthy political institutions; and highlighting initiatives in K-12 education and lifelong learning that can provide ongoing reinforcement for a vibrant democratic society.

MEETING CHAIRS

Danielle Allen  
Harvard University

Stephen Heintz  
Rockefeller Brothers Fund

Eric Liu  
Citizen University; Aspen Institute Citizenship and American Identity Program

GUEST SPEAKERS

Louise Dubé  
iCivics

Mark Gearan  
Institute of Politics, Harvard University

Joseph Kahne  
University of California, Riverside

Kei Kawashima-Ginsberg  
Center for Information & Research on Civic Learning and Engagement, Tufts University

Alan Khazei  
Be the Change

Peter Levine  
Tisch College of Civic Life, Tufts University

John Pudner  
Take Back Our Republic

Miles Rapoport  
Harvard Kennedy School

Rob Richie  
FairVote

Shirley Sagawa  
Service Year Alliance

Bryan Stevenson  
Equal Justice Initiative

Ian Vandewalker  
Brennan Center for Justice, New York University

Ethan Zuckerman  
Center for Civic Media, Massachusetts Institute of Technology
Meeting of the Commission

April 1–2, 2019
Southern Methodist University
Dallas, TX

The third meeting of the full Commission on the Practice of Democratic Citizenship represented the shift of the Commission’s focus from information gathering to shaping recommendations. Feedback from the numerous engagements conducted around the country helped guide a discussion of potential recommendations (and the connections between them) that would gain bipartisan support for the Commission’s report and would maximize impact at multiple levels of American society.

MEETING CHAIRS

Danielle Allen  
*Harvard University*

Eric Liu  
*Citizen University; Aspen Institute Citizenship and American Identity Program*

Stephen Heintz  
*Rockefeller Brothers Fund*

LISTENING SESSIONS

In order to gather information about civic engagement initiatives around the country, the Commission on the Practice of Democratic Citizenship has been holding listening sessions in communities from coast to coast to hear from business leaders, grassroots organizers, refugees, elected officials, college students, community and civic leaders, Americans with disabilities, and educators. The Commission is committed to hearing a range of voices in order to inform a final report and recommendations that reflect the views of a diverse array of Americans on what it means to live in a twenty-first-century democracy. In addition to gaining valuable insights into what is both inhibiting and encouraging civic engagement, the Commission has built through these engagements a wide network of partner organizations that can help disseminate the final recommendations when they are issued in 2020.

Charlotte, North Carolina
Focus groups with two groups of non-voters
September 5, 2018

Bar Harbor, Maine
Online survey of local citizens (organized by National Institute for Civil Discourse)
October 2018

Los Angeles, California
Summit with local thought leaders
January 12, 2019

Los Angeles, California
(hosted by California Community Foundation)
Lunch meeting with community organizers and grassroots leaders
January 12, 2019

Lowell, Massachusetts
Cambodian Mutual Assistance Association
Discussion with Cambodian refugees (under the age of forty)
February 20, 2019

Annapolis, Maryland
United States Naval Academy
Classroom discussion with United States Naval Academy midshipmen
February 21, 2019

Calabasas, California
Pepperdine University—Calabasas Campus
Conversation with municipal employees and elected officials
January 11, 2019
Top: Generations of Somali immigrant women after a listening session in Minnesota.

Bottom: Members of the Whitworth University community gather in story circles to discuss their experiences with democracy.
<table>
<thead>
<tr>
<th>Location</th>
<th>Event</th>
<th>Participants</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Annapolis, Maryland</td>
<td>Meeting with United States Naval Academy faculty (civilian and officers)</td>
<td>Lowell, Massachusetts</td>
<td>February 21, 2019</td>
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<tr>
<td></td>
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<td>Lowell, Cambodian Mutual Assistance Association</td>
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<td></td>
<td>Discussion with Cambodian refugees (over the age of forty)</td>
<td>Lowell, Massachusetts</td>
<td>February 22, 2019</td>
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<td>Dover-Foxcroft, Maine</td>
<td>Community discussion with AARP members</td>
<td>Dover-Foxcroft, Maine</td>
<td>February 26, 2019</td>
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<tr>
<td>Bangor, Maine</td>
<td>Small group discussion with local residents</td>
<td>Bangor, Maine</td>
<td>February 26, 2019</td>
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<tr>
<td>Ellsworth, Maine</td>
<td>Small group discussion with community leaders</td>
<td>Ellsworth, Maine</td>
<td>February 27, 2019</td>
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<tr>
<td>Lowell, Massachusetts</td>
<td>Discussion with political and civic leaders</td>
<td>Lowell, Massachusetts</td>
<td>February 28, 2019</td>
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<tr>
<td>Bangor, Maine</td>
<td>Small group discussion with local residents</td>
<td>Bangor, Maine</td>
<td>March 4, 2019</td>
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<tr>
<td>Ellsworth, Maine</td>
<td>Small group discussion with community leaders</td>
<td>Ellsworth, Maine</td>
<td>March 9, 2019</td>
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<tr>
<td>Lowell, Massachusetts</td>
<td>Discussion with Congolese refugees</td>
<td>Lowell, Massachusetts</td>
<td>March 11, 2019</td>
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<tr>
<td>Dallas, Texas</td>
<td>Focus group with Chinese immigrants</td>
<td>Dallas, Texas</td>
<td>March 16, 2019</td>
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<td>New York, New York</td>
<td>Group discussion with local faith leaders</td>
<td>New York, New York</td>
<td>March 20, 2019</td>
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<tr>
<td>New York, New York</td>
<td>Group discussion with Union Theological Seminary students and recent graduates</td>
<td>New York, New York</td>
<td>March 20, 2019</td>
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<tr>
<td>New York, New York</td>
<td>Concert with Somali immigrant women</td>
<td>New York, New York</td>
<td>March 22, 2019</td>
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<tr>
<td>St. Louis Park, Minnesota</td>
<td>Conversation with Somali immigrant women</td>
<td>St. Louis Park, Minnesota</td>
<td>March 22, 2019</td>
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<tr>
<td>St. Paul, Minnesota</td>
<td>Conversation with Somali immigrant women</td>
<td>St. Paul, Minnesota</td>
<td>March 22, 2019</td>
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<tr>
<td>Lowell, Massachusetts</td>
<td>Discussion with Congolese refugees</td>
<td>Lowell, Massachusetts</td>
<td>March 27, 2019</td>
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<td>Discussion with Congolese refugees</td>
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<td>Lowell, Massachusetts</td>
<td>Discussion with Afghani refugees</td>
<td>Lowell, Massachusetts</td>
<td>April 4, 2019</td>
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<td>Lowell, Massachusetts</td>
<td>Discussion with Afghani refugees</td>
<td>Lowell, Massachusetts</td>
<td>April 4, 2019</td>
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<tr>
<td>Dallas, Texas</td>
<td>Focus group with community leaders</td>
<td>Dallas, Texas</td>
<td>April 12, 2019</td>
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<td>Cleveland, Ohio</td>
<td>America Speaks community summit</td>
<td>Cleveland, Ohio</td>
<td>April 13, 2019</td>
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<tr>
<td>Paoli, Indiana</td>
<td>Conversation with rural community leaders</td>
<td>Paoli, Indiana</td>
<td>April 16, 2019</td>
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CONTINUED Listening Sessions for the Commission on the Practice of Democratic Citizenship
Top: Ellsworth Public Library–Academy staff have held listening sessions across the country at libraries, schools, community centers, and universities, among other places. Bottom: Cambodian refugees recount their journeys to the United States and what it means to live in an American democracy.
CONTINUED  Listening Sessions for the Commission on the Practice of Democratic Citizenship

Farmville, Virginia
Longwood University
Three group discussions with Longwood University faculty and staff
April 16–17, 2019

Farmville, Virginia
Longwood University
Sociology class discussion with undergraduates
April 16, 2019

Lexington, Kentucky
Offices of Frost Brown Todd
Discussion with conservative activists
April 23, 2019

Lexington, Kentucky
Knight Foundation & Blue Grass Community Foundation
Conversation with Moms for McGrath activists
April 23, 2019

Lexington, Kentucky
Knight Foundation & Blue Grass Community Foundation
Conversation with community leaders
April 16, 2019

Lexington, Kentucky
Knight Foundation & Blue Grass Community Foundation
Group discussion with young philanthropists
April 24, 2019

Lexington, Kentucky
Knight Foundation & Blue Grass Community Foundation
Group discussion with grassroots activists and organizers
April 24, 2019

Lexington, Kentucky
Knight Foundation & Bluegrass Community Foundation
Group discussion with young professionals of color
April 24, 2019

Program Officer Darshan Goux (American Academy of Arts and Sciences) leads community leaders in Bangor, Maine, on a thought exercise about participation in the country’s democracy.
The two projects of the Making Justice Accessible initiative address the challenge of providing legal services for low-income Americans. The first project, on Data Collection and Legal Services for Low-Income Americans, will identify the sources of existing data on legal services and unrepresented civil litigation nationwide. The project will also create a blueprint for future data collection efforts, including establishing a research agenda for scholars, practitioners, and policy-makers. Participants include representatives of the courts, legal aid providers, and foundations as well as legal scholars and social scientists. The second project, on Designing Legal Services for the 21st Century, will gather information about the national need for improved legal access and advance a set of clear, national recommendations for closing the “justice gap” between supply of and demand for legal services.

An open-access issue of *Dædalus* on “Access to Justice,” published in Winter 2019, provides a multidisciplinary examination of this crisis, from the challenges of providing quality legal assistance to more people, to the social and economic costs of an often unresponsive legal system, to the opportunities for improvement offered by new technologies, professional innovations, and fresh ways of thinking about the crisis. The two projects of this initiative and the issue of *Dædalus* emerged from a 2015 symposium sponsored by the Academy’s Exploratory Fund on the state of legal services for low-income Americans.

**PROJECT CHAIRS**

**DATA COLLECTION AND LEGAL SERVICES FOR LOW-INCOME AMERICANS**

Mark Hansen  
*University of Chicago*

Rebecca Sandefur  
*University of Illinois at Urbana-Champaign*

**DESIGNING LEGAL SERVICES FOR THE 21ST CENTURY**

John Levi  
*Legal Services Corporation; Sidley Austin LLP*

Martha Minow  
*Harvard Law School*

Kenneth Frazier  
*Merck & Co.*

**PROJECT STAFF**

John Tessitore  
Natalia Carbullido

**FUNDER**

David M. Rubenstein Enhancement Fund

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**PHOENIX, ARIZONA**

**Ability 360**

Conversation with community members with disabilities  
May 1, 2019

**Independent Voting & Highground Public Affairs**

Group discussion with independent voters  
May 1, 2019

**Vitalyst Health Foundation & Center for the Future of Arizona**

Conversation with local civic leaders  
May 2, 2019

**Jackson, Mississippi**

**Mississippi Center for Public Policy**

Conversations with conservative thought leaders  
June 5, 2019
PROJECT MEETINGS

Data Collection and Legal Services for Low-Income Americans
June 26–27, 2018
House of the Academy
Cambridge, MA

Participants discussed opportunities for improved data collection by legal service providers and the legal profession, pilot projects around the country, and the challenges of federal data collection.

MEETING CHAIRS
Rebecca Sandefur
University of Illinois at Urbana-Champaign
Mark Hansen
University of Chicago

Designing Legal Services for the 21st Century
July 17–18, 2018
House of the Academy
Cambridge, MA

During this project meeting, participants discussed the state of legal services, focusing on needs related to health care, family law, housing law, and services for veterans, as well as the potential impact of technological innovation.

MEETING CHAIRS
Martha Minow
Harvard Law School
John Levi
Legal Services Corporation; Sidley Austin LLP

SUBCOMMITTEE MEETINGS:
DATA COLLECTION AND LEGAL SERVICES FOR LOW-INCOME AMERICANS

Essential Facts about Civil Justice
March 1, 2019 • April 18, 2019

This subcommittee is developing a short monograph that identifies the essential facts that should be collected about civil justice activity and the entities that are best placed to collect that information.

MEETING CHAIR
Rebecca Sandefur
University of Illinois at Urbana-Champaign

Model Data Access Standards
March 1, 2019 • April 25, 2019

This group is developing a set of data access standards that should guide access to and use of civil justice data for research purposes. In addition to developing the standards themselves, the group may decide to develop materials that would facilitate the enactment of those standards, such as model memoranda of understanding between researchers and those who collect civil justice data, or guidance about contract terms between justice sector organizations and service vendors.

MEETING CHAIR
Erika Rickard
The Pew Charitable Trusts
SUBCOMMITTEE MEETINGS: DESIGNING LEGAL SERVICES FOR THE 21ST CENTURY

Veterans Subcommittee Meetings

February 15, 2019 • April 14, 2019

MEETING CHAIRS

Nan Heald
Pine Tree Legal Assistance

Martha Minow
Harvard Law School

Family Subcommittee Meetings

March 11, 2019 • April 24, 2019

MEETING CHAIRS

Tonya Brito
University of Wisconsin Law School

Lance Liebman
Columbia Law School

Housing Subcommittee Meetings

February 25, 2019 • April 24, 2019

MEETING CHAIRS

Colleen Cotter
Legal Aid Society of Cleveland

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

Health Care Subcommittee Meetings

March 11, 2019 • April 25, 2019

MEETING CHAIRS

John Levi
Legal Services Corporation; Sidley Austin LLP

Allison Rice
Duke University School of Law

Innovation Subcommittee Meetings

March 8, 2019 • April 25, 2019

MEETING CHAIRS

Elizabeth Chambliss
University of South Carolina School of Law

Andrew Perlman
Suffolk University Law School

Panel discussion at Politics and Prose Bookstore on Access to Justice: (left to right) Rebecca Sandefur (University of Illinois at Urbana-Champaign), Kenneth Frazier (Merck & Co.), Martha Minow (Harvard Law School), and David Rubenstein (The Carlyle Group)
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.
PROJECT Commission on the Future of Undergraduate Education

The Commission on the Future of Undergraduate Education is a multiyear initiative charged with examining the current state of American undergraduate education, projecting the nation’s short-term and long-term educational needs, and offering recommendations to strengthen all aspects of undergraduate education. The Commission – whose members include leaders from higher education, philanthropy, business, and government – reviewed the research and data; met with students and faculty members, experts, and state and federal policy-makers; and produced a data-based primer on the student journey through college, four in-depth research papers, and a comprehensive final report. The key idea emerging from this body of work is that what was once a challenge of quantity in American undergraduate education, of enrolling as many students as possible, is increasingly a challenge of educational quality – of making sure that all students receive the education they need to succeed, that they are able to complete the studies they begin, and that they can do all this affordably. The Commission is engaging in a range of outreach activities through June 2020 to make its work as widely read as possible and to advance its recommendations around quality, completion, and affordability.
CONTINUED  Commission on the Future of Undergraduate Education

Monica Lozano  
College Futures Foundation

Shirley M. Tilghman  
Princeton University

Sandy Baum  
Urban Institute

Gail O. Mellow  
LaGuardia Community College

Michelle Weise  
Strada Education Network

Ronald G. Ehrenberg  
Cornell University

Diana Natalicio  
University of Texas at El Paso

DATA ADVISORY GROUP MEMBERS

Hilary Pennington  
Ford Foundation

Thomas Bailey  
Teachers College, Columbia University

Judith Scott-Clayton  
Teachers College, Columbia University

Beverly Daniel Tatum  
Spelman College

PROJECT STAFF

Francesca Purcell
Beth Niegelsky

FUNDERS

Carnegie Corporation of New York
TIAA Institute

PROJECT PUBLICATIONS

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

Undergraduate Financial Aid in the United States  
Judith Scott-Clayton (American Academy of Arts and Sciences, 2017)

The Complex Universe of Alternative Postsecondary Credentials and Pathways  
Jessie Brown and Martin Kurzweil, Ithaka S+R (American Academy of Arts and Sciences, 2017)

The Economic Impact of Increasing College Completion  
Sophia Koropeckyj, Chris Lafakis, and Adam Ozimek, Moody’s Analytics; Foreword by Michael S. McPherson (American Academy of Arts and Sciences, 2017)

Policies and Practices to Support Undergraduate Teaching Improvement  
Aaron Pallas, Anna Neumann, and Corbin Campbell (American Academy of Arts and Sciences, 2017)

The Future of Undergraduate Education, The Future of America  
(American Academy of Arts and Sciences, 2017)
PROJECT MEETINGS

Systemic Change in Undergraduate STEM Education

September 6, 2018
National Academies of Sciences, Engineering, and Medicine
Washington, D.C.

Program Director Francesca Purcell (American Academy of Arts and Sciences) participated in a panel discussion at the National Academies of Sciences, Engineering, and Medicine’s Roundtable on System Change in Undergraduate STEM Education. The discussion explored the various forces affecting and shaping higher education and its future and the implications of these changes specifically for undergraduate STEM education.

Consortium on Financing Higher Education

October 17, 2018
California Institute of Technology
Pasadena, CA

Commission Cochair Michael McPherson (formerly, Spencer Foundation) delivered a keynote address at the annual meeting of the Consortium on Financing Higher Education on the future of undergraduate education and the implications for colleges and universities in making good decisions in a constrained economic environment.

Minnesota’s Private Colleges: Implications from The Future of Undergraduate Education

October 31, 2018
Augsburg University
Minneapolis, MN

Commission Cochair Michael McPherson met with several presidents at the Minnesota Private College Council’s semi-annual meeting to provide an overview of the key themes from the Commission’s report, as well as engage in discussions focused on college affordability.

A Dialogue on the Future of Higher Education in America

November 27, 2018
Wachtel, Lipton, Rosen and Katz
New York, NY

Academy President Jonathan Fanton and Commission Cochairs Michael McPherson and Roger Ferguson, Jr. (TIAA) partnered with Academy member Martin Lipton (New York University Board of Trustees) and Kathryn Wylde (Partnership for New York City) to bring together over twenty board chairs and presidents from area colleges and universities. The key themes of the meeting focused on improving undergraduate teaching; examining the role of part-time faculty; increasing completion rates; addressing affordability; and expanding partnerships with business and industry.

Strengthening Undergraduate Teaching

December 5–6, 2018
House of the Academy
Cambridge, MA

Commission Cochair Michael McPherson and Pam Grossman (University of Pennsylvania) chaired a meeting that brought together dozens of researchers, practitioners, and institutional leaders to examine the current state of the research on and use of effective teaching practices; highlight individual and group efforts dedicated to this work; and consider how Academy members and other organizations can advance the widespread adoption of skillful college teaching.
**Dædalus Authors’ Conference**

December 6–7, 2018
House of the Academy
Cambridge, MA

Guest editors Michael McPherson (formerly, Spencer Foundation) and Sandy Baum (Urban Institute) convened the authors writing for the *Dædalus* issue on the undergraduate educational experience to discuss and provide feedback on their draft essays. The authors include scholars and experts from the fields of education, psychology, history, economics, political theory, and the natural sciences.

**Texas A&M Board of Regents’ Committee on Academic and Student Affairs**

January 16, 2019
Texas A&M University
College Station, TX

Sandy Baum spoke at the Texas A&M Board of Regents’ Committee on Academic and Student Affairs meeting about the Commission’s recommendations around college affordability, teaching, and completion as well as specific recommendations for higher education leaders.

**Washington State Higher Education Leaders and Policy-Makers**

February 20, 2019
Lord Mansion
Olympia, WA

Michael McPherson and Sandy Baum met with leaders from colleges and universities as well as with state policymakers, including the lieutenant governor and the governor’s senior education advisor, to discuss the three key recommendations from the Commission’s report: affordability, completion, and quality. The Academy collaborated on this meeting with the College Promise Coalition, the Washington Student Achievement Council, and the University of Washington.

**University of Houston Future of Higher Education Conference**

March 28, 2019
Hilton University of Houston
Houston, TX

Commission members Michael McPherson, Sandy Baum, and Michelle Weise (Strada Education Network) gave presentations related to the key findings of the Commission’s work. The several hundred participants at the conference included leaders from two- and four-year institutions as well as high schools, members of the business community and from philanthropic organizations, and policy-makers.

**Maryland Higher Education Commission**

April 25, 2019
Baltimore, MD

Commission member Sandy Baum delivered a keynote address at the Maryland Higher Education Commission’s biennial Maryland College Completion Summit. Her presentation featured data and findings from the Commission’s work as well as recommendations to help the state reach its goals of having at least 55 percent of Maryland’s adults, between the ages of twenty-five and sixty-four, earning at least an associate’s degree by the year 2025.

**“I Have A Dream” Foundation**

June 5, 2019
New York, NY

Program Director Francesca Purcell facilitated a discussion among the board members, senior staff, and affiliate executive directors of the “I Have A Dream” Foundation about the systemic barriers students from under-resourced communities face in getting to and through college, and how a postsecondary credential affects the lives of graduates. The conversation also explored how the Foundation can better support students in completing a quality postsecondary program for long-term professional and personal success.
Top: Participants at the University of Houston’s Future of Higher Education Conference learn about the Commission’s key findings. Bottom: Michael McPherson (formerly, Spencer Foundation) and Sandy Baum (Urban Institute) discuss the Commission’s work with higher education leaders and policy-makers in the State of Washington.
The Academy is engaging in a series of sounding meetings to identify and refine areas of inquiry in K-12 education that would benefit from a multidisciplinary, evidence-based analysis. From fall 2018 to spring 2019 the Academy held nine sounding meetings across the country (in Chicago, Los Angeles, Palo Alto, San Francisco, Seattle, New York, Cambridge, Philadelphia, and Nashville), cohosted by a local member, that engaged more than a hundred individuals (including thirty-eight Academy members) in education research, administration, teaching, philanthropy, and business. Common themes discussed at the soundings include the challenges of scaling reform initiatives and achieving systemic change; issues of educational inequity associated with race, ethnicity, and socioeconomic status; the recruitment, training, and retention of high-quality teachers and school leaders; achieving universal literacy by the end of third grade; public perceptions of K-12 education; the nature, purpose, and delivery of K-12 curricula; and the need to address students’ challenges beyond the classroom.

FUNDERS

Louise Henry Bryson and John E. Bryson
David Rockefeller, Jr.

SOUNDING MEETINGS

CHICAGO

October 24, 2018
The John D. and Catherine T. MacArthur Foundation
Chicago, IL

HOST

Jonathan Fanton
American Academy of Arts and Sciences

LOS ANGELES

November 4, 2018
The Peninsula Beverly Hills
Beverly Hills, CA

HOSTS

Jonathan Fanton
American Academy of Arts and Sciences

Louise Bryson
J. Paul Getty Trust

PALO ALTO

November 7, 2018
Learning Policy Institute
Palo Alto, CA

HOSTS

Jonathan Fanton
American Academy of Arts and Sciences

Linda Darling-Hammond
Stanford Graduate School of Education; Learning Policy Institute

SAN FRANCISCO

November 8, 2018
S.D. Bechtel, Jr. Foundation
San Francisco, CA

HOSTS

Jonathan Fanton
American Academy of Arts and Sciences

Anthony Bryk
Carnegie Foundation for the Advancement of Teaching
SEATTLE
November 9, 2018
Amazon
Seattle, WA

HOSTS
Jonathan Fanton
American Academy of Arts and Sciences

Andy Jassy
Amazon Web Services

NEW YORK
January 17, 2019
The Wallace Foundation
New York, NY

HOSTS
David Oxtoby
American Academy of Arts and Sciences

Will Miller
The Wallace Foundation

CAMBRIDGE
March 6, 2019
House of the Academy
Cambridge, MA

HOST
David Oxtoby
American Academy of Arts and Sciences

PHILADELPHIA
March 28, 2019
Neubauer Family Foundation
Philadelphia, PA

HOSTS
David Oxtoby
American Academy of Arts and Sciences

Joseph Neubauer
formerly, Aramark Corporation

NASHVILLE
May 20, 2019
Loews Vanderbilt Hotel
Nashville, TN

HOSTS
David Oxtoby
American Academy of Arts and Sciences

Philip Bredesen
former Governor of Tennessee

MURFREESBORO
May 21, 2019
Middle Tennessee State University
Murfreesboro, TN

HOST
Philip Bredesen
former Governor of Tennessee
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 crucial issues affecting a global community. Projects underway in this area engage with pressing strategic, development, and moral questions that underpin relations among people, communities, and states worldwide. Each initiative embraces a broad conception of security as the interaction among human, national, and global security imperatives. Project recommendations move beyond the idea of security as the absence of war toward higher aspirations of collective peace, development, and justice.
The global nuclear order is evolving today along three main dimensions: 1) the nuclear posture of several nuclear weapons states has changed because of the possible 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.

Phase one of the project will identify the major dangers generated by the dynamics of a multipolar nuclear world – dangers that pose the greatest threat of inadvertent nuclear war; offer alternative approaches to addressing each of these dangers and then facilitate discussions with relevant communities in the United States and abroad; and encourage and assist policy-makers, Congress, the analytical community, and the media to think systematically about a world that is now multipolar. The project has published three research papers that have been shared with diverse audiences, such as domestic and international policy-makers, scholars and students of nuclear affairs, and leaders of international organizations. In Spring 2020, the project will publish an issue of *Dædalus*, which will be accompanied by an outreach strategy targeting relevant policy-makers and academics.

Meeting the Challenges of the New Nuclear Age is rooted in the critically important work on arms control that the Academy conducted from 1958 to 1960 to prevent a nuclear confrontation between the United States and the Soviet Union. During that time Academy Fellows gathered monthly to build a cooperative framework between the United States and abroad; and encourage and assist policy-makers, Congress, the analytical community, and the media to think systematically about a world that is now multipolar. The project has published three research papers that have been shared with diverse audiences, such as domestic and international policy-makers, scholars and students of nuclear affairs, and leaders of international organizations. In Spring 2020, the project will publish an issue of *Dædalus*, which will be accompanied by an outreach strategy targeting relevant policy-makers and academics.

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CONTINUED Meeting the Challenges of the New Nuclear Age, Phase One

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

M. Taylor Fravel
Massachusetts Institute of Technology

Sumit Ganguly
Indiana University, Bloomington

Francis J. Gavin
Johns Hopkins School of Advanced and International Studies

Michael Krepon
Stimson Center

Hans Kristensen
Federation of American Scientists

Nicholas Miller
Dartmouth College

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

Steven E. Miller
Harvard University

Vipin Narang
Massachusetts Institute of Technology

Mira Rapp-Hooper
Yale Law School

Janne Nolan†
George Washington University

Scott D. Sagan
Stanford University

Olga Oliker
International Crisis Group; formerly, Center for Strategic and International Studies

Michael Swaine
Carnegie Endowment for International Peace

George Perkovich
Carnegie Endowment for International Peace

Nina Tannenwald
Brown University

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

Jane Vaynman
Temple University

Keren Yarhi-Milo
Princeton University

† Deceased

PROJECT PUBLICATIONS

Meeting the Challenges of the New Nuclear Age: U.S. and Russian Nuclear Concepts, Past and Present
Linton Brooks, Alexei Arbatov, and Francis J. Gavin (American Academy of Arts and Sciences, 2018)

Meeting the Challenges of the New Nuclear Age: Emerging Risks and Declining Norms in the Age of Technological Innovation and Changing Nuclear Doctrines
Nina Tannenwald and James M. Acton, with an Introduction by Jane Vaynman (American Academy of Arts and Sciences, 2018)

Meeting the Challenges of the New Nuclear Age: Nuclear Weapons in a Changing Global Order
Steven E. Miller, Robert Legvold, and Lawrence Freedman (American Academy of Arts and Sciences, 2019)

FUNDERS

Louise Henry Bryson and John E. Bryson
John F. Cogan, Jr.
Lester Crown
Alan M. Dachs
Bob and Kristine Higgins
Richard Rosenberg
Kenneth L. and Susan S. Wallach

PROJECT STAFF

Francesca Giovannini
Kathryn Moffat
Brendan Roach
PROJECT MEETINGS

Strategic Stability Working Group Meeting

October 31–November 1, 2018
Carnegie Endowment for International Peace
Washington, D.C.

This meeting brought together a group of scholars and current and former policy-makers to examine whether strategic stability is still relevant and viable in a multipolar nuclear world, and its role in the trilateral relationships between the United States, Russia, and China and India, Pakistan, and China.

MEETING CHAIRS

Robert Legvold
Columbia University
Christopher Chyba
Princeton University

Dædalus Authors’ Meeting

February 14–15, 2019
House the Academy
Cambridge, MA

Contributors to the Dædalus issue on “Meeting the Challenges of the New Nuclear Age” discussed drafts of their essays and identified key themes in the volume.

MEETING CHAIRS

Robert Legvold
Columbia University
Christopher Chyba
Princeton University

Dædalus Authors’ Workshop

June 9–11, 2019
House of the Academy
Cambridge, MA

Authors in the Dædalus issue shared feedback on revised versions of their essays and discussed some of the key ideas from the project that will inform the outreach phase of the project.

MEETING CHAIRS

Robert Legvold
Columbia University
Christopher Chyba
Princeton University

Participants at the Dædalus Authors’ Workshop — front row: Olga Oliker (International Crisis Group), Carmen Wunderlich (Peace Research Institute Frankfurt), James Timbie (Stanford University), Nina Tannenwald (Brown University), Jon Wolfsthal (Nuclear Crisis Group), back row: Robert Legvold (Columbia University), Scott Sagan (Stanford University), Christopher Chyba (Princeton University), Anya Fink (University of Maryland), James Acton (Carnegie Endowment for International Peace), and James Cameron (King’s College London)
Phase two of Meeting the Challenges of the New Nuclear Age will produce an edited volume of innovative and policy-relevant essays on challenges created by the emergence of “new” nuclear weapons states such as North Korea, and potential proliferators, such as Iran, Saudi Arabia, Japan, South Korea, and Turkey, among others. The study will also explore other nuclear weapons states, including India, Pakistan, and Israel. These states are de facto nuclear weapons states but operate outside of any established multilateral nuclear frameworks such as the Nuclear Non-Proliferation Treaty and the Nuclear Suppliers Group. Deterrence and New Nuclear States would investigate deterrence and defense implications facing small nuclear force-countries and potential proliferators. The study will focus more on regional and sub-regional nuclear dynamics that could further destabilize an already undermined nuclear order.

The edited volume will be published by a university press and will be accompanied by outreach activities aimed at nuclear policy-makers (primarily in the United States) and academic centers and think tank institutes with a specific focus on nuclear studies.
PROJECT MEETINGS

Deterrence and New Nuclear States Exploratory Meeting

April 24, 2019
House of the Academy
Cambridge, MA

Members of the project’s advisory group met to identify some of the key issues concerning deterrence and new nuclear states that will be addressed in the project’s forthcoming edited volume. Topics of discussion included nuclear testing and breakout, strategic stability and credible deterrence, the psychology of deterrence, and nuclear doctrine and international law.

MEETING CHAIRS
Scott D. Sagan
Stanford University
Vipin Narang
Massachusetts Institute of Technology

KEYNOTE SPEAKERS
Francesca Giovannini
American Academy of Arts and Sciences; Comprehensive Nuclear-Test-Ban Treaty Organization
Barry Posen
Massachusetts Institute of Technology
Gary Samore
Brandeis University

Rose McDermott (Brown University) and Francesca Giovannini (American Academy of Arts and Sciences; Comprehensive Nuclear-Test-Ban Treaty Organization)
The Global Nuclear Future is an interdisciplinary and multinational project that has engaged nuclear newcomers in conversations on nuclear safety, security, and nonproliferation.

The project 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 establishing 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; and 3) articulating possible strategies to minimize the risks of insider threats within nuclear laboratories and power plants. The project has convened nuclear experts and scholars to promote dialogue among regional stakeholders; hosted policy briefings and consultations with government officials and representatives of the nuclear industry; and commissioned papers and publications, often co-authored by regional experts, to enhance academic cooperation and nurture interstate intellectual exchanges.


### PROJECT CHAIRS

Steven Miller  
*Harvard University*

Robert Rosner  
*University of Chicago*

### PROJECT STAFF

Francesca Giovannini  
Kathryn Moffat

### FUNDERS

Carnegie Corporation of New York  
The Flora Family Foundation  
The William and Flora Hewlett Foundation  
The Kavli Foundation  
The John D. and Catherine T. MacArthur Foundation  
The Alfred P. Sloan Foundation

### SELECT PROJECT PUBLICATIONS

*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)

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

*A Worst Practices Guide to Insider Threats: Lessons from Past Mistakes*  
Matthew Bunn and Scott D. Sagan (American Academy of Arts and Sciences, 2014)
The Civil Wars, Violence, and International Responses project stems from the observation that current multilateral approaches for preventing, mitigating, and resolving civil wars and intrastate violence are often far too ambitious. They frequently overpromise stability, security, peace, democracy, and development to countries experiencing high levels of violence and instability. To identify the main drivers of civil wars and their security spillover effects, the project published two issues of *Dædalus* ("Civil Wars & Global Disorder: Threats & Opportunities" and "Ending Civil Wars: Constraints & Possibilities") with contributions from scholars, former diplomats, military experts, and policymakers. The project identified six threats that emerge from civil wars and intrastate violence: pandemic diseases, transnational terrorism, migration, regional instability, great power conflict, and criminality. The project has engaged in extensive domestic and international outreach to share findings and recommendations that deliver a more comprehensive, effective, and integrated approach to conflict prevention and crisis management, which encompasses security, diplomacy, and development strategies in countries such as Colombia, Nigeria, Ethiopia, Syria, Lebanon, and Sri Lanka, among others. Building on these policy discussions, the project will publish a research paper focused on the policy implications of the project’s findings, which will be distributed to relevant policy-makers in the United States and internationally.

**PROJECT CHAIRS**

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

Stephen Krasner  
Stanford University

**PROJECT MEMBERS**

Michele Barry  
Stanford University

Abdeta D. Beyene  
Centre for Dialogue, Research, and Cooperation, Ethiopia

Stephen D. Biddle  
Columbia 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, Colombia

Richard Gowen  
New York University

Sonja Grimm  
University of Konstanz, Germany

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

William Reno  
Northwestern University

Thomas Risse  
Freie Universität Berlin

Hendrik Spruyt  
Northwestern University

Stephen Stedman  
Stanford University

Eric Stollenwerk  
Freie Universität Berlin

Paul H. Wise  
Stanford University

**PROJECT STAFF**

Francesca Giovannini

Kathryn Moffat

Summers Hammel

**FUNDERS**

Humanity United

The Smith Richardson Foundation

The Oak Foundation
Civil Wars, Intrastate Violence, and International Responses

October 22–23, 2018
Peking University
Beijing, China

Organized in collaboration with the U.S.–Asia Security Initiative at Stanford University’s Walter H. Shorenstein Asia-Pacific Research Center and the School for International Studies at Peking University, this workshop convened thirty-five experts from China, the United States, Ethiopia, and France to discuss intrastate violence and the limits and possibilities of intervention. Some of the topics that were discussed included the degree to which intrastate violence is rooted in domestic versus international factors, the types of global security threats that such violence creates, and the policy options available to the international community or to regional powers.

MEETING CHAIRS

Karl Eikenberry
Stanford University

Stephen Krasner
Stanford University

Project contributors and other experts participate in a discussion about options for interventions in civil wars.
Rethinking the Humanitarian Health Response to Violent Conflict seeks to understand and address current trends in humanitarian contexts that pose new or changing challenges for humanitarian health responders, including the increasingly protracted nature of civil and non-international armed conflict, the fact that many of the world’s most violent places are facing criminal or political violence rather than conflict as conventionally understood, shortfalls in funding, and changing geopolitical relations. This project will bring together political scientists, legal and security experts, health professionals, and humanitarians to examine current challenges to effective humanitarian action and to develop, where necessary, new strategies for preventing civilian harm and delivering critical health services in areas plagued by violent conflict.

The initiative will consist of an ongoing engagement strategy designed to involve domestic and international policy-maker, practitioner, and scholarly audiences, including international organizations and nongovernmental organizations, to help define new strategies for the effective provision of essential health services in areas of armed violence. By working with key audiences and organizations from the earliest stages, the project will help ensure that its research findings are directly relevant for key actors in this field.

Throughout this initiative, the Academy will seek opportunities to develop partnerships that will guide a range of specialized outputs tailored for specific audiences. Building on the models successfully used by previous Academy projects, this initiative will carry out its work through a mix of convenings, events, and publications. Primary products of the initiative will include a series of publications, such as peer-reviewed journal articles, white papers, and short policy briefs directed at specific audience segments, as well as a series of meetings involving key scholars, practitioners, and others actively concerned with the humanitarian health response to violence. The project will also generate public-facing blog posts, online videos, podcast episodes, and op-eds to reach not only a general audience but also local and field-based humanitarian health providers who may be beyond the reach of targeted project engagement. These efforts will include partnering with universities in the global South and particularly in conflict-affected countries.

**PROJECT CHAIRS**

Jaime Sepulveda  
*University of California, San Francisco*

Jennifer Welsh  
*McGill University*

Paul Wise  
*Stanford University*

**PROJECT STAFF**

Francesca Giovannini  
Kathryn Moffat  
Rebecca Tiernan
PROJECT MEETINGS

Exploratory Meeting: Rethinking the Humanitarian Health Response to Violent Conflict

January 23–24, 2019
House of the Academy
Cambridge, MA

Building on prior small-group consultations with a variety of experts, this exploratory discussion convened scholars, policy-makers, and practitioners from a variety of disciplines to consider how the Academy could make important and pragmatic contributions to the development of more effective humanitarian health responses in areas of violent conflict.

MEETING CHAIRS

Jennifer Welsh
McGill University

Paul Wise
Stanford University

SPEAKERS

Michael Barnett
The George Washington University

Anne Patterson
Yale University; formerly, U.S. Department of State

Ron Waldman
The George Washington University

Project Cochair Jennifer Welsh (McGill University) during a breakout session with Ambassador Anne Patterson (Yale University) and J. Stephen Morrison (Center for Strategic and International Studies)
Exploratory Meeting: Rethinking the Humanitarian Health Response to Violent Conflict

June 10–11, 2019
Chatham House
London, United Kingdom

Held in collaboration with the Centre for Global Health Security at Chatham House and the London School of Hygiene and Tropical Medicine, the meeting brought together scholars, practitioners, and policy-makers from the global health, humanitarian, and security sectors to explore how future work by the three hosting organizations could help define new strategies for the provision of essential health services in areas of violent conflict.

MEETING CHAIRS

Rita Dayoub
Chatham House

David Heymann
Chatham House

Jaime Sepulveda
University of California, San Francisco

Neha Singh
London School of Hygiene and Tropical Medicine

Jennifer Welsh
McGill University

Paul Wise
Stanford University

front row: Ben Wakefield (Chatham House), Rita Dayoub (Chatham House), Jaime Sepulveda (UCSF), and Kathryn Moffat (American Academy of Arts and Sciences); back row: Paul Wise (Stanford University), Jennifer Welsh (McGill University), Louis Lillywhite (Chatham House), and Alexandra Squires McCarthy (Chatham House)
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.
PROGRAM ADVISORY COMMITTEE

CHAIR
Johanna Drucker
University of California, Los Angeles

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Richard Brodhead
Duke University

Colin Dayan
Vanderbilt University

Thomas Gunning
University of Chicago

Maria Hummer-Tuttle
The J. Paul Getty Trust

Jahan Ramazani
University of Virginia

Jacqueline Jones
University of Texas at Austin

Oscar Tang
New York, NY

Mary C. Kelley
University of Michigan

Pauline Yu
American Council of Learned Societies

Jane Dammen McAuliffe
Library of Congress

PROJECT Commission on the Arts

The Commission on the Arts brings together artists, arts leaders, philanthropists, educators, and scholars from around the country to reframe the national conversation about what role the arts can play in a diverse twenty-first-century democracy. The mandate for the Commission is animated by several key questions: How can the arts help connect individuals and communities? How can the arts and artists help bridge divides within society? What role do the arts play in helping individuals make meaning in their daily lives? How can the arts contribute to important national conversations? The Commission’s final report will include recommendations that are focused at the local, state, and regional levels that will help arts advocates, educators, artists, and government officials to refocus the national conversation on the arts around common issues.

COMMISSION CHAIRS
John Lithgow
Actor

Deborah Rutter
John F. Kennedy Center for the Performing Arts

Natasha Trethewey
Northwestern University

COMMISSION MEMBERS
Diane Ackerman
Ithaca, NY

Elizabeth Alexander
The Andrew W. Mellon Foundation

Maribel Alvarez
The University of Arizona

Rod Bigelow
Crystal Bridges Museum of American Art

Terence Blanchard
Jazz Trumpeter and Composer

Mary V. Bordeaux
First Peoples Fund

Pam Breaux
National Assembly of State Arts Agencies

Jeffrey Brown
PBS NewsHour

Louise Henry Bryson
The J. Paul Getty Trust

Francis Sellers Collins
National Institutes of Health

James Cuno
The J. Paul Getty Trust

Paul J. DiMaggio
New York University

Oskar Eustis
The Public Theater

Katherine Farley
Lincoln Center for the Performing Arts

Theaster Gates, Jr.
Rebuild Foundation

Paula J. Giddings
Smith College

Vijay Gupta
Street Symphony

Edward Hirsch
John Simon Guggenheim Memorial Foundation

Vicky Holt Takamine
Pua Aliʻi ʻIlina

Maria D. Hummer-Tuttle
The J. Paul Getty Trust

Gish Jen
Cambridge, MA

Tania León
Brooklyn College; The Graduate Center, City University of New York

Robert L. Lynch
Americans for the Arts

Sonia Manzano
Actress; Author
CONTINUED  Commission on the Arts

Mike O’Bryan
The Village of Arts and Humanities

Felix Padrón
Arts Management Professional; Artist

Annise Parker
former Mayor of Houston

Mwalim (Morgan James Peters)
University of Massachusetts Dartmouth

Victoria Rogers
John S. and James L. Knight Foundation

Jacqueline Stewart
University of Chicago

Yancey Strickler
Kickstarter

Robert Una
Arts in a Changing America

Zannie Voss
Southern Methodist University National Center for Arts Research

Carrie Mae Weems
New York, NY

Ellen Winner
Boston College

Damian Woetzel
The Juilliard School

Jay Jie Xu
Asian Art Museum of San Francisco

Laura Zabel
Springboard for the Arts

Paul Erickson
Gabriela Farrell
Allentza Michel

FUNDERS
Barr Foundation
The Ford Foundation
The Getty Foundation
The John S. and James L. Knight Foundation
The Kresge Foundation
David Rockefeller, Jr.
Roger and Victoria Sant

PROJECT STAFF

Commission Cochair John Lithgow (Actor) and Commission member Felix Padrón (Arts Management Professional; Artist) report on their breakout group discussion at the Commission’s first meeting.
PROJECT MEETINGS

Meeting of the Commission

January 15–16, 2019
House of the Academy
Cambridge, MA

The first meeting of the Commission on the Arts provided an opportunity for the Chairs and Commissioners to become acquainted with each other and to discuss what their individual goals are for the work of the Commission. The group established priority areas of interest for the Commission going forward, including the role of the arts in civic engagement; arts education; the current state of and future prospects for arts funding; the role of the arts in everyday life; and the arts and community and economic development.

MEETING CHAIRS

John Lithgow
Actor

Deborah Rutter
John F. Kennedy Center for the Performing Arts

Natasha Trethewey
Northwestern University

“Music and the Mind” Webinar

May 2, 2019
Online

To illustrate the potential of cross-disciplinary research in the arts, the Commission organized a webinar focusing on the groundbreaking Sound Health project. Sound Health is a collaborative partnership between the Kennedy Center for the Performing Arts and National Institutes of Health, in association with the National Endowment for the Arts, to discuss the current landscape of research on the interaction of music and the brain. The project brings together neuroscientists, music therapists, and supporters of biomedical research and the arts to explore the connections between health, wellness, and music.

MEETING CHAIR

Deborah Rutter
John F. Kennedy Center for the Performing Arts

GUEST SPEAKERS

Francis Collins
National Institutes of Health

Renée Fleming
Soprano

Sunil Iyengar
National Endowment for the Arts

Meeting of the Commission

June 6–7, 2019
Scandinavia House
New York, NY

The second meeting of the Commission provided the opportunity for Commissioners to discuss with their working groups key areas of interest, needs for future research, and outreach opportunities in the Commission’s four main thematic strands of work. The Commission also discussed plans for a coordinated media campaign designed to reach key groups, as well as the general public.

MEETING CHAIRS

John Lithgow
Actor

Natasha Trethewey
Northwestern University

Deborah Rutter
John F. Kennedy Center for the Performing Arts

GUEST SPEAKERS

Francis Collins
National Institutes of Health

Renée Fleming
Soprano

Sunil Iyengar
National Endowment for the Arts
The Humanities Indicators are now in their twentieth year as a project of the Academy, and tenth year as a public website and resource. The Indicators provide information about all aspects of the humanities: ranging from early childhood reading, to undergraduate and graduate education in the humanities, to employment and experiences later in life with museums and other humanistic activities. The Indicators were originally conceived and developed as a counterpart to the National Science Foundation’s Science and Engineering Indicators. Recent work has included updates to existing Indicators on the website; a published report on humanities majors in the workforce, and a collection of one-pagers in the Humanities in Our Lives series; grant-funded projects, including a survey of the general public, the National Inventory of Humanities Organizations, and a third iteration of the department surveys; and general promotional activities and outreach to new audiences. The Humanities Indicators are accessible at www.humanitiesindicators.org.

**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

Esther Mackintosh
Federation of State Humanities Councils

Judith Tanur
Stony Brook University

Steven Wheatley
American Council of Learned Societies, emeritus

**PROJECT STAFF**

Paul Erickson
Carolyn Fuqua
John Garnett
Robert B. Townsend

**FUNDERS**

The Andrew W. Mellon Foundation
National Endowment for the Humanities

**PROJECT MEETING**

Advisory Committee Meeting

January 11, 2019
Washington, D.C.

The annual meeting of the Advisory Committee for the Humanities Indicators Project reviewed the previous year’s updates and publications and discussed plans for upcoming projects, including the National Inventory of Humanities Organizations, the survey of the humanities in community colleges, and a third iteration of the Humanities Department Survey.

**MEETING CHAIR**

Norman M. Bradburn
NORC at the University of Chicago
The Humanities in Our Lives

Building on the success of an earlier infographic under the rubric of The Humanities in Our Lives, the Academy’s Humanities Indicators project released in late 2018 a new series (at http://bit.ly/HiOLseries) that couples data about the humanities with profiles of innovative programs in the field.

The new series on The Humanities in Our Lives, developed with funding support from The Andrew W. Mellon Foundation, takes an expansive view of the humanities, with topics ranging from early childhood reading programs to later in life visits to historic sites. This extensive focus reflects the Indicators’ holistic view of the humanities and demonstrates the wide range of subject areas across which Indicators data can be brought to bear.

### TOPICS COVERED INCLUDE

- America’s Native Languages
- Community Colleges
- Degrees in the Humanities
- Digital Humanities
- Elementary School Readers
- Historic Sites in the United States
- History in the Schools
- Humanities and Medicine
- Humanities Jobs
- Humanities Tourism
- Language Learning
- Learning a Second Language
- Libraries as a Community Anchor
- Multilingualism in Public Service
- Multilingualism in the Workforce
- Museum Attendance
- Poetry
- Public Libraries
- Reading for Pleasure
- Reading to Young Children
- The Value of Languages
- U.S. Higher Ed Ethics Bowls
- Writing Skills
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 in Science, Engineering, and Technology analyze the impact of advances in these areas 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.
**PROJECT** The Public Face of Science

The Academy’s multiyear initiative on the Public Face of Science addresses various aspects of the complex and evolving relationship between scientists and the public, and examines how trust in science is shaped by individual experiences, beliefs, and engagement with science. Additional project activities include the role of science in the legal system and the coordination and deployment of scientific teams as part of crisis response.

The initiative has brought together a broad range of experts in communication, law, humanities, the arts, journalism, public affairs, and the physical, social, and life sciences. 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 attitudes toward science.

The first project report, *Perceptions of Science in America*, aggregated data on the current understanding of how Americans view science, scientists, and the impacts of scientific research. The second project report, *Encountering Science in America*, highlights the numerous ways that individuals encounter science in their everyday lives. The forthcoming final report will present recommendations for improving the practice of science communication and engagement.

**PROJECT CHAIR**

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

**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.  
Brown University

Robert Hauser  
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 Rimel  
Pew Charitable Trusts

Cristián Samper  
Wildlife Conservation Society

Samuel Thier  
Harvard Medical School; Massachusetts General Hospital

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**PROGRAM ADVISORY COMMITTEE**

**CHAIRS**

Alan Leshner  
formerly, American Association for the Advancement of Science

Geraldine L. Richmond  
University of Oregon

**MEMBERS**

Mary Beckerle  
University of Utah

Arthur Bienenstock  
Stanford University

Emery Brown  
Massachusetts Institute of Technology; Harvard Medical School; Massachusetts General Hospital

Claude Canizares  
Massachusetts Institute of Technology

Gerald Chan  
The Morningside Group

David Clark  
Massachusetts Institute of Technology

Wayne Clough  
Georgia Institute of Technology; formerly, Smithsonian Institution

Robert Horvitz  
Massachusetts Institute of Technology

Leah Jamieson  
Purdue University

Cora Marrett  
formerly, National Science Foundation

James Simons  
Simons Foundation

Jeannette Wing  
Columbia University
CONTINUED The Public Face of Science

PROJECT STAFF
John Randell
Erica Kimmerling

FUNDERS
Gordon and Betty Moore Foundation
Rita Allen Foundation

PROJECT PUBLICATIONS

Science During Crisis: Best Practices, Research Needs, and Policy Priorities
Rita R. Colwell and Gary E. Machlis (American Academy of Arts and Sciences, 2019)

Encountering Science in America
(American Academy of Arts and Sciences, 2019)

Perceptions of Science in America
(American Academy of Arts and Sciences, 2018)

“Science & the Legal System,” Daedalus

PROJECT MEETINGS

Understanding Public Attitudes and Engagement with Science

September 20, 2018
University of Pennsylvania
Philadelphia, PA

Philadelphia-based Academy members gathered for a discussion of the findings and recommendations from the Public Face of Science initiative. Members of the project steering committee, including Kathleen Hall Jamieson and Nora S. Newcombe, shared what they had learned about how Americans perceive and engage with science, and facilitated a discussion on how these insights impact the practice of science communication and engagement.

MEETING CHAIRS
Kathleen Hall Jamieson
University of Pennsylvania

Nora S. Newcombe
Temple University

FEATURED SPEAKER
Erica Palma Kimmerling
American Academy of Arts and Sciences
Science & the Legal System

October 29, 2018
National Press Club
Washington, D.C.

To mark the public release of the *Dædalus* issue on “Science & the Legal System,” published in fall 2018 as part of the Public Face of Science initiative, the Academy hosted a panel discussion with guest editors Shari Diamond and Richard Lempert and several of the contributors to discuss the challenges posed by the increasing role of scientific evidence in legal cases as well as possibilities for improvement and reform.

**SPEAKERS**

Shari Seidman Diamond  
Northwestern University  
Pritzker School of Law

Richard O. Lempert  
University of Michigan

Nancy Gertner  
Harvard Law School; formerly, U.S. District Court for the District of Massachusetts

Jed S. Rakoff  
U.S. District Court for the Southern District of New York; Columbia Law School

David S. Tatel  
U.S. Court of Appeals for the District of Columbia Circuit

Trust in Science: Vaccines

January 29, 2019
Benjamin Franklin Hall  
Philadelphia, PA

“Trust in Science: Vaccines” was the first event in a series inspired by the Academy’s report, *Perceptions of Science in America*. Presented by the Consortium for History of Science, Technology and Medicine and the American Philosophical Society, the meeting examined vaccine skepticism in contemporary America, historically, and in the clinic. Hellman Fellow Erica Kimmerling participated in the panel discussion and spoke about public trust in vaccines.

**SPEAKERS**

Jeffrey Baker  
Duke University School of Medicine

Elena Conis  
University of California, Berkeley

Robert M. Hauser, moderator  
American Philosophical Society

Erica Palma Kimmerling  
American Academy of Arts and Sciences

Panel discussion on Trust in Science: Vaccines, featuring (from left to right) Jeffrey Baker (Duke University School of Medicine), Erica Palma Kimmerling (American Academy of Arts and Sciences), Elena Conis (University of California, Berkeley), and Robert Hauser (American Philosophical Society)
Building, Exploring, and Using the Tree of Life

March 6, 2019
House of the Academy
Cambridge, MA

For decades, Douglas E. Soltis and Pamela S. Soltis have collaborated with scientists worldwide to harness algorithm development, computer power, and DNA sequencing to produce a comprehensive Tree of Life representation of all 2.3 million named species. At a meeting held at the Academy, they described their work and how the Tree of Life can be used to illustrate, instruct, and inspire the public about biodiversity.

SPEAKERS

Douglas E. Soltis
University of Florida

Pamela S. Soltis
University of Florida

Scott Vernon Edwards,
moderator
Harvard University

Douglas E. Soltis (University of Florida) describing the Tree of Life project.
Cultivating Public Engagement with Science

March 7, 2019
House of the Academy
Cambridge, MA

Students from the Harvard Graduate School of Education participated in a meeting at the Academy about science engagement. Megan Cuzzolino, a doctoral candidate at the Harvard Graduate School of Education, created a course based on the Academy’s report, *Perceptions of Science in America*, in which her students were asked to design a science engagement product that effectively communicates a scientific topic to an identified audience. At the meeting, Hellman Fellow Erica Kimmerling gave an overview of the *Public Face of Science* initiative and the students presented their projects to local science communication experts.

**SPEAKERS**

- Megan Cuzzolino
  Harvard Graduate School of Education

- Erica Palma Kimmerling
  American Academy of Arts and Sciences

**INVITED EXPERTS**

- Jennifer Cutraro
  Science Storytellers

- Julie Ann Fooshee
  MIT Museum

- Stephanie Keep
  National Center for Science Education

- Brindha Muniappan
  MIT Museum

Science During Crisis: The Release of a New Report and a Call to Action

March 19, 2019
National Press Club
Washington, D.C.

The Academy released its report on *Science During Crisis* at an event at the National Press Club that featured authors Rita Colwell and Gary Machlis and a panel discussion with Brad Kieserman, head of disaster response and operations at the American Red Cross. Academy President David Oxtoby moderated the discussion. The program provided insight on the important role science plays during crisis response, emerging best practices, and areas for continued research.

**SPEAKERS**

- Rita R. Colwell
  University of Maryland

- Brad J. Kieserman
  American Red Cross

- Gary E. Machlis
  Clemson University

- David W. Oxtoby, moderator
  American Academy of Arts and Sciences

Brad Kieserman (American Red Cross) joined authors Rita Colwell (University of Maryland) and Gary Machlis (Clemson University), as well as Academy President David Oxtoby, in highlighting the importance of using science during crisis response.
Shaping the Public Face of Science

April 12, 2019
Washington University in St. Louis
St. Louis, MO

Academy members Jonathan Losos, Peter Raven, and Barbara Schaal organized a roundtable discussion at Washington University in St. Louis. Participants discussed strategies and opportunities for science communication and engagement in the St. Louis community. Erica Kimmerling, the Academy’s Hellman Fellow in Science and Technology Policy, presented insights from two Public Face of Science publications—Perceptions of Science in America and Encountering Science in America—and acted as the facilitator for a conversation about science engagement in the St. Louis area.

SPEAKERS

Peter Hamilton Raven
Missouri Botanical Garden

Barbara Anna Schaal
Washington University in St. Louis

Erica Palma Kimmerling
American Academy of Arts and Sciences
The Academy’s project on Challenges for International Scientific Partnerships (CISP) aims to articulate the benefits of international collaboration and recommend solutions to the most pressing challenges associated with the design and operation of partnerships. Through research conducted over the past year and roundtable discussions led by members of the project’s Steering Committee, the project has compiled a preliminary list of challenges and opportunities for international science partnerships presented by evolving trends in society, as well as changes in the types and structures of international scientific partnerships.

The project’s Steering Committee identified two groups of major issues and formed working groups to address each one. One working group is focused on large-scale science and facilities, and the other will study scientific partnerships involving countries with limited resources for science. The large-scale science working group will identify a diverse set of partnerships to evaluate successful and unsuccessful organizational dynamics, institutional practices, and public policies. The resource-limited countries working group will survey partnerships, have discussions with policy-makers, and meet with funders and recipients to find opportunities to make partnerships between researchers in the United States and those in resource-limited countries more equitable and mutually beneficial. Working group members will work with the Academy’s project staff to select and review case studies, arrange consultations with topic experts, and develop and refine recommendations that will be highlighted in Academy reports to be published in 2020.

**PROJECT CHAIRS**

Arthur Bienenstock  
Stanford University

Peter Michelson  
Stanford University

**STEERING COMMITTEE MEMBERS**

Claude R. Canizares  
Massachusetts Institute of Technology

David Fidler  
Indiana University  
Maurer School of Law

Matthias Hentze  
European Molecular Biology Laboratory

John Hildebrand  
University of Arizona

David Korn  
Harvard Medical School

William Lee  
Wilmer Cutler Pickering  
Hale and Dorr

Shirley Malcom  
American Association for the Advancement of Science

Cherry Murray  
Harvard University

Venkatesh Narayanamurti  
Harvard University

Olufunmilayo Olopade  
University of Chicago  
Medicine

Geraldine Richmond  
University of Oregon

Vaughan Turekian  
National Academies of Sciences, Engineering, and Medicine

Caroline Wagner  
Ohio State University

**LARGE-SCALE SCIENCE WORKING GROUP**

Arthur Bienenstock, Cochair  
Stanford University

Peter Michelson, Cochair  
Stanford University

Claude R. Canizares  
Massachusetts Institute of Technology

E. William Colglazier  
American Association for the Advancement of Science

Inez Fung  
University of California, Berkeley

Michael Holland  
University of Pittsburgh

Kaye Husbands Fealing  
Georgia Institute of Technology

David Korn  
Harvard Medical School

Cherry Murray  
Harvard University

Philip Rubin  
Yale University

Gary Sanders  
California Institute of Technology

Diane Souvaine  
Tufts University

**RESOURCE-LIMITED COUNTRIES WORKING GROUP**

Shirley Malcom, Cochair  
American Association for the Advancement of Science

Olufunmilayo Olopade, Cochair  
University of Chicago  
Medicine

Bruce Alberts  
University of California, San Francisco

Rita R. Colwell  
University of Maryland

James W. Curran  
Emory University

Ali Douraghy  
Lawrence Berkeley National Laboratory

Nina Dudnik  
Seeding Labs

Mohamed Hassan  
The World Academy of Sciences; Sudanese National Academy of Sciences
CONTINUED  Challenges for International Scientific Partnerships

John Hildebrand  
University of Arizona

Flavia Schlegel  
formerly, United Nations Educational, Scientific, and Cultural Organization

Peggy Oti-Boateng  
United Nations Educational, Scientific, and Cultural Organization

PROJECT STAFF

John Randell  
Gregory Savageau  
Rebecca Tiernan

FUNDERS

Gordon and Betty Moore Foundation

William and Flora Hewlett Foundation

Alfred P. Sloan Foundation

PROJECT MEETINGS

Steering Committee Meeting

December 4–5, 2018  
Park Hyatt  
Washington, D.C.

Members of the Steering Committee discussed the focus and desired outcomes of the project. The Committee decided to form two working groups: one focused on large-scale science and facilities and a second focused on partnerships with resource-limited countries.

MEETING CHAIRS

Arthur Bienenstock  
Peter Michelson  
Stanford University

Meeting of the Large-Scale Science Working Group

February 20, 2019  
Kimpton Hotel George  
Washington, D.C.

The working group discussed their work plan and agenda. On the evening before the meeting, the Academy hosted a dinner with members of the working group and special guests from the D.C. area, including Paul Hertz of NASA; Anne-Marie Mazza of the National Academies of Sciences, Engineering, and Medicine; Roger Glass of the Fogarty Institute; and Rebecca Keiser of the National Science Foundation, to discuss candidly some of the challenges they have faced in international large-scale science partnerships.

MEETING CHAIRS

Arthur Bienenstock  
Peter Michelson  
Stanford University
Meeting of the Resource-Limited Countries Working Group

April 29–30, 2019
American Association for the Advancement of Science
Washington, D.C.

The working group discussed the group’s research strategy and work plan. Key individuals and experts in the D.C. area, including representatives of the National Institutes of Health, United States Agency for International Development, World Wide Fund for Nature, and the Woodrow Wilson International Center for Scholars, among others, joined Academy staff and members of the working group at a dinner the evening before the meeting and for consultations in the afternoon to share their own expertise and to provide insight on how the United States can overcome challenges with these types of collaborations and be a better partner in this landscape.

MEETING CHAIR
Shirley Malcom
American Association for the Advancement of Science

PROJECT: The Alternative Energy Future

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 Dædalus in 2012 and 2013 on the Alternative Energy Future, the Academy undertook a three-year research project to understand better the factors that contribute to policy durability and flexibility. This study resulted in the publication of the book, Lessons from the Clean Air Act: Building Durability and Adaptability into U.S. Climate and Energy Policy, edited by Ann Carlson and Dallas Burtraw and published in May 2019 by Cambridge University Press.

PROJECT CHAIRS
M. Granger Morgan
Carnegie Mellon University
Maxine L. Savitz
Honeywell, Inc., ret.

STUDY GROUP ON DURABILITY AND ADAPTABILITY IN U.S. CLIMATE AND ENERGY POLICY
Dallas Burtraw, Cochair
Resources for the Future
Ann Carlson, Cochair
University of California, Los Angeles School of Law

Eric M. Patashnik
Brown University

Barry G. Rabe
University of Michigan

Hannah J. Wiseman
Florida State University College of Law

Meeting of the Large-Scale Science Working Group

May 8–9, 2019
Stanford University
Stanford, CA

The large-scale science working group discussed potential recommendations that could be included in the project’s final report and planned for a major workshop on the topic at the end of July 2019. At a dinner the evening before the meeting, working group members and experts from the University of California, Berkeley, Stanford, and the surrounding Bay Area spoke about the politics of international science and collaboration with China.

MEETING CHAIRS
Arthur Bienenstock
Stanford University
Peter Michelson
Stanford University

PROJECT CHAIRS
M. Granger Morgan
Carnegie Mellon University
Maxine L. Savitz
Honeywell, Inc., ret.
Lessons from the Clean Air Act: Building Durability and Adaptability into U.S. Climate and Energy Policy

June 10, 2019
Carnegie Institution for Science
Washington, D.C.

The Academy, in partnership with Resources for the Future, hosted an event to celebrate the release of the publication, Lessons from the Clean Air Act: Building Durability and Adaptability into U.S. Climate and Energy Policy. The event featured a keynote address by Henry Waxman, former U.S. Representative from California, and presentations from editors Ann Carlson and Dallas Burtraw about how the findings in the book can be used to guide and create effective energy policies at all levels of government.
Water security is an urgent problem for much of the world’s population. Current estimates indicate that globally, 663 million people lack access to safe drinking water and 2.4 billion people lack access to sanitation facilities, and that number is only projected to increase in the coming years. Political, social, and economic factors compound the challenges posed by a changing climate and increasing demand. The Academy convened an exploratory meeting to explore gaps in current research and policy on regional and international water governance, and is now using the insights from this meeting to develop a proposal for a formal Academy project. Supported jointly by the Academy’s programs in Science, Engineering, and Technology and in Global Security and International Affairs, this highly interdisciplinary study will draw on a wide variety of expertise to better understand the socioecological and policy aspects of water management and governance.
The Exploratory Fund was established in 2015 to support members who wish to work together, and with other scholars, experts, and practitioners, to look 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 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.

RECENT EXPLORATORY MEETINGS

The Future of the Ph.D.

November 15–16, 2018
House of the Academy
Cambridge, MA

This gathering of nearly thirty leaders from nonprofit organizations and academia focused on trends in career outcomes for doctoral students across disciplines. The participants discussed changes to doctoral training and student mentorship in order to improve and diversify career outcomes for recipients of doctoral degrees.

CHAIRS

Nancy C. Andrews
Duke University
School of Medicine

David Nirenberg
University of Chicago

FEATURED SPEAKERS

Carlos J. Alonso
Columbia University

Ed Balleisen
Duke University

Thomas Bender
New York University

Mary Sue Coleman
Association of American Universities

Robin Garrell
University of California, Los Angeles

Kelly Gebo
Johns Hopkins University

Dianne Harris
Andrew W. Mellon Foundation

Nimmi Kannankutty
National Science Foundation

David Lee
Princeton University

Terry Magnuson
University of North Carolina at Chapel Hill

Anthony Monaco
Tufts University

Thomas Pollard
Yale University

Cybele Raver
New York University

Robert B. Townsend
American Academy of Arts and Sciences

Ian Waitz
Massachusetts Institute of Technology

Keith Yamamoto
University of California, San Francisco
Rethinking the Humanitarian Health Response to Violent Conflict

February 19, 2019
House of the Academy
Cambridge, MA

Participants at this exploratory meeting provided advice on the direction and shape of a larger Academy project on humanitarian interventions in conflict zones.

CHAIRS
Jaime Sepulveda
University of California, San Francisco

Jennifer Welsh
McGill University

Paul Wise
Stanford University

FEATURED SPEAKERS
Michael Barnett
George Washington University

Anne Patterson
Yale University; formerly, U.S. Department of State

Ron Waldman
George Washington University

Tanisha Fazal (University of Minnesota), Chief Judge Diane Wood (United States Court of Appeals for the Seventh Circuit), Elisabeth Wood (Yale University), and Jocelyn Kelly (Harvard University) participate in a plenary session about Rethinking the Humanitarian Health Response to Violent Conflict.
National Memory in a Time of Populism

May 23–25, 2019
Washington University in St. Louis
St. Louis, MO

As a follow-up to a December 2017 planning meeting convened at the Academy, this exploratory meeting brought together scholars from across the globe to discuss national narratives, historiography, and shared identity in the current context of rising populism.

CHAIRS
Henry L. Roediger, III
Washington University in St. Louis
James V. Wertsch
Washington University in St. Louis

FEATURED SPEAKERS
Madgalena Abel
University of Regensburg, Germany
Krystian Barzykowski
Jagiellonian University, Poland
Nutsa Batiashvili
Free University of Tblisi, Georgia
David Blight
Yale University
Pascal Boyer
Washington University in St. Louis
Andrew C. Butler
Washington University in St. Louis
Alin Coman
Princeton University
Amy Corning
Institute for Social Research, University of Michigan
David Cunningham
Washington University in St. Louis
Zhao Ma
Washington University in St. Louis
Elizabeth Marsh
Duke University
Jeffrey Olick
University of Virginia
Yadin Dudai
Weizmann Institute of Science, Israel; New York University
Rauf Garagozov
Uppsala University, Sweden
Carol Gluck
Columbia University
James Liu
Massey University, New Zealand
Suparna Rajaram
Stony Brook University
Henry L. Roediger, III
Washington University in St. Louis
Christina Simko
Williams College
Sharda Umanath
Claremont McKenna College
Abram Van Engen
Washington University in St. Louis
Jeremy Yamashiro
Washington University in St. Louis

Rethinking the Humanitarian Health Response to Violent Conflict

June 10–11, 2019
Chatham House
London, United Kingdom

Held in collaboration with the Centre for Global Health Security at Chatham House and the London School of Hygiene and Tropical Medicine, the meeting brought together scholars, practitioners, and policy-makers from the global health, humanitarian, and security sectors to explore how future work by the three hosting organizations could help define new strategies for the provision of essential health services in areas of violent conflict.

CHAIRS
Jaime Sepulveda
University of California, San Francisco
Jennifer Welsh
McGill University
Paul Wise
Stanford University
The Future of the Administrative State

June 12, 2019
House of the Academy
Cambridge, MA

This exploratory meeting brought together scholars from law, political science, public administration, history, and organizational design to discuss the history, current challenges, and potential futures of regulatory agencies.

CHAIR
Mark Tushnet
Harvard University

FEATURED SPEAKERS
Aaron Neilson
Brigham Young University Law School

Charles Sabel
Columbia Law School

Peter Strauss
Columbia Law School

Phil Wallach
R Street Institute

Gillian Metzger
Columbia Law School

Water in Our Future

June 19–20, 2019
Battery Wharf Hotel
Boston, MA

This exploratory meeting convened a range of scholars, policy-makers, and representatives from NGOs and international organizations to examine the socioecological and political aspects of water management and governance. Supported jointly by the Academy’s Science, Engineering, and Technology and Global Security and International Affairs program areas, the exploratory meeting facilitated discussions on major issues around water availability and safety in urban and agricultural areas, as well as large dams, environmental impact assessments, and transboundary water governance.

CHAIRS
Allen F. Isaacman
University of Minnesota; University of the Western Cape

Christopher Field
Stanford University

Annette Huber-Lee
Stockholm Environment Institute

Antarpreet Jutla
West Virginia University

Geraldine L. Richmond
University of Oregon

Jacqueline M. King
University of the Western Cape

FEATED SPEAKERS
Rita R. Colwell
University of Maryland

Jennifer Derr
University of California, Santa Cruz

David W. Oxtoby
American Academy of Arts and Sciences

Kurt Soderlund
Safe Water Network

Geraldine L. Richmond (University of Oregon)
Local Program Committees

Local Program Committees and Representatives bring together communities of members to connect, explore topics of interest, and advise informally on Academy projects.

BERKELEY
Jesse H. Choper, Chair
University of California, Berkeley School of Law

David A. Hollinger
University of California, Berkeley

Randy W. Schekman
University of California, Berkeley; Howard Hughes Medical Institute

Katharine Park
Harvard University

Steve Pinker
Harvard University

William Poorvu
Harvard Business School

Gigliola Staffilani
Massachusetts Institute of Technology

Mrganka Sur
Massachusetts Institute of Technology

Sherry Turkle
Massachusetts Institute of Technology

Young-Kee Kim
University of Chicago

Jonathan Lear
University of Chicago

Carol Lee
Northwestern University

John W. McCarter, Jr.
Field Museum of Natural History

Eric Neilson
Northwestern University

James W. Pellegrino
University of Illinois at Chicago

Anne Robertson
University of Chicago

Robert Rosner
University of Chicago

Lucia B. Rothman-Denes
University of Chicago

Geoffrey R. Stone
University of Chicago

Natasha D. Trethewey
Northwestern University

Diane Wood
United States Court of Appeals, Seventh Circuit

Amanda Woodward
University of Chicago

Luigi Zingales
University of Chicago

GAINESVILLE
Douglas Soltis, Representative
University of Florida

Pamela Soltis, Representative
University of Florida

HOUSTON
Lee H. Rosenthal, Chair
United States District Court, Southern District of Texas

Ernest H. Cockrell
Cockrell Interests, Inc.; Cockrell Foundation

Edward P. Djerejian
Rice University

Neal Lane
Rice University

David. W. Leebron
Rice University

Ruth Simmons
Brown University

Edwin Thomas
Rice University

Huda Y. Zoghbi
Baylor College of Medicine


**LOS ANGELES**

Louis Geoffrey Cowan, Chair  
University of Southern California

Frances Hamilton Arnold  
California Institute of Technology

Austin Beutner  
Vision to Learn

Gene D. Block  
University of California, Los Angeles

Louise Henry Bryson  
J. Paul Getty Trust

Albert Carnesale  
University of California, Los Angeles

James Cuno  
J. Paul Getty Trust

Louis M. Gomez  
University of California, Los Angeles

Maria D. Hummer-Tuttle  
J. Paul Getty Trust

Steven S. Koblik  
The Huntington Library, Art Collections, and Botanical Gardens

Sherry Lansing  
Sherry Lansing Foundation

John Lithgow  
Los Angeles, CA

Chrysotomos L. Max Nikias  
University of Southern California

Thomas F. Rosenbaum  
California Institute of Technology

Annelia Isabel Sargent  
California Institute of Technology

Ernest James Wilson III  
University of Southern California

**NEW HAVEN**

Frances McCall Rosenbluth, Chair  
Yale University

Thomas Appelquist  
Yale University

Seyla Benhabib  
Yale University

John Carlson  
Yale University

Kang-I Chang  
Yale University

Margaret Clark  
Yale University

Stephen Darwall  
Yale University; University of Michigan

Michael Donoghue  
Yale University

Robert Ellickson  
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Martha’s Table
The Academy holds events around the country and the world. These gatherings bring members and others in their communities together to explore topics of national and global concern through an interdisciplinary lens that draws on the breadth and expertise of the Academy’s membership.

**CALIFORNIA**

**LOS ANGELES**

November 4, 2018
Los Angeles, CA
Ethical Issues in the Arts and Sciences*

*Featured Speakers:* Frances Arnold (California Institute of Technology); Viet Thanh Nguyen (University of Southern California); Peter Sellars (University of California, Los Angeles). *Moderator:* Kent Kresa (formerly, General Motors; formerly, Northrop Grumman Corporation)

February 22, 2019
University of California, Los Angeles
San Diego Program Committee Meeting*

**PALO ALTO**

September 28, 2018
Palo Alto, CA
Technology and the Self

*Featured Speaker:* Peter Galison (Harvard University)

**SAN DIEGO**

October 22, 2018
University of California, San Diego
San Diego Program Committee Meeting*

November 5, 2018
Sanford Consortium
The Curiosity Mission: The Search for Habitable Environments on Mars*

*Featured Speaker:* John Grotzinger (California Institute of Technology)

**CONNECTICUT**

**NEW HAVEN**

All cosponsored by the Whitney and Betty MacMillan Center for International and Area Studies at Yale University

September 28, 2018
Yale University
Collateral Crashes and Shakespeare*

*Featured Speaker:* John Geanakoplos (Yale University)

November 2, 2018
Yale University
The Secret to Superior Investment Performance*

*Featured Speaker:* Charles Ellis (Whitehead Institute)

*Activity of a Local Program Committee or Representative
November 9, 2018
Yale University

The Role of Art History in a Liberal Education*

Featured Speaker: Mary Miller (Yale University)

January 25, 2019
Yale University

Evolution of the Female Orgasm*

Featured Speaker: Günter Wagner (Yale University)

April 1, 2019
Yale University

Morton L. Mandel Public Lecture
A Conversation about Frederick Douglass*

Featured Speakers: Ian Shapiro (Yale University); David Blight (Yale University); Robert Stepto (Yale University).
Moderator: Crystal Feimster (Yale University)

December 4, 2018
Washington, D.C.

The Practice of Democratic Citizenship*

Featured Speakers: Danielle Allen (Harvard University); Stephen Heintz (Rockefeller Brothers Fund); Steven Knapp (The George Washington University); Jonathan Fanton (American Academy of Arts and Sciences)

March 19, 2019
National Press Club

Science During Crisis: The Release of a New Report and Call to Action

Featured Speakers: Rita R. Colwell (University of Maryland; formerly, National Science Foundation); Gary E. Machlis (Clemson University; formerly, U.S. National Park Service); Brad J. Kieserman (American Red Cross)

May 11, 2019
Politics and Prose Bookstore

Access to Justice

Featured Speakers: David M. Rubenstein (The Carlyle Group); Kenneth C. Frazier (Merck & Company, Inc.); Martha Minow (Harvard University); Rebecca L. Sandefur (University of Illinois at Urbana-Champaign; American Bar Foundation)

June 10, 2019
Carnegie Institution for Science

Lessons from the Clean Air Act: Building Durability and Adaptability into U.S. Climate and Energy Policy

Featured Speakers: Dallas Burtraw (Resources for the Future); Ann Carlson (University of California, Los Angeles School of Law); Henry Waxman (formerly, U.S. House of Representatives)

DISTRICT OF COLUMBIA
WASHINGTON, D.C.

October 29, 2018
National Press Club

Science and the Legal System

Featured Speakers: Shari Seidman Diamond (Northwestern University Pritzker School of Law; American Bar Foundation); Richard O. Lempert (University of Michigan); Nancy Gertner (Harvard Law School; formerly, United States District Court for the District of Massachusetts); Jed S. Rakoff (United States District Court for the Southern District of New York; Columbia Law School); David S. Tatel (United States Court of Appeals for the District of Columbia Circuit)

October 30, 2018
Georgetown University

Satellite Discussion: The 2020 Census: Unprecedented Challenges & Their Implications

Featured Speaker: Robert Groves (Georgetown University)
Anthony Jack (back row, third from the left) and attendees after a discussion about his new book.
Speakers at the Celebration of the Arts and Humanities: Richard Powell, Jacqueline Stewart, John Lithgow, Tania León, Viet Thanh Nguyen, Damian Woetzel, and Robert Millard

Carol Gluck and Anthony Long

David Page and Anthony Monaco

Heinz Holliger (oboe), Alexi Kenney (violin), Kim Kashkashian (viola), and Alexander Hersh (cello)
FLORIDA

GAINESVILLE

October 11, 2018
University of Florida, Gainesville
Member Dinner hosted by President Kent Fuchs*

GEORGIA

ATLANTA

September 6, 2018
Emory University

Morton L. Mandel Public Lecture
The Study of African American Women’s Writing: Pasts and Futures

Featured Speakers: Frances Smith Foster (Emory University); Beverly Guy-Sheftall (Spelman College); Pellom McDaniels III (Emory University); Dwight A. McBride (Emory University). Moderator: Michelle M. Wright (Emory University)

ILLINOIS

CHICAGO

October 24, 2018
University of Chicago

Why Bother? Rethinking Participation in Elections and Protests*

Featured Speaker: Susan Stokes (University of Chicago)

May 1, 2019
University of Chicago
Member Reception with Academy President David W. Oxtoby

INDIANA

BLOOMINGTON

October 26, 2018
Indiana University
Member Luncheon hosted by President Michael McRobbie

MASSACHUSETTS

CAMBRIDGE

July 25, 2018
House of the Academy
Old in Art School

Featured Speaker: Nell Painter (Princeton University)

September 12, 2018
House of the Academy
Social Reception*

September 13, 2018
House of the Academy
Biomedical Science and the Academy

Featured Speaker: Robert Langer (MIT)

October 5, 2018
Massachusetts Institute of Technology
A Celebration of the Arts and Humanities

Featured Speakers: Viet Thanh Nguyen (University of Southern California); Jacqueline Stewart (University of Chicago); Damian Woetzel (The Julliard School); Tania León (City University of New York); Richard J. Powell (Duke University); John Lithgow (Actor and Author)

October 6, 2018
Cambridge, MA
Induction Ceremony

Featured Speakers and Performers: Linda T. Elkins-Tanton (NASA Psyche Mission; Arizona State University; Beagle Learning); Huda Y. Zoghbi (Baylor College of Medicine); Mariano-Florentino Cuellar (Supreme Court of California); Robert Gooding-Williams (Columbia University); David Miliband (International Rescue Committee); André Watts (Pianist; Indiana University Jacobs School of Music)

October 7, 2018
House of the Academy
Annual David M. Rubenstein Lecture

Featured Speakers: David M. Rubenstein (The Carlyle Group); Sonia Sotomayor (Supreme Court of the United States)
MEMBER EVENTS, 2018–2019

Antonia Hernández and Louise H. Bryson

Gordon Gill, Jonathan Fanton, and Pradeep Khosla

Douglas Soltis, Pamela Soltis, David Oxtoby, and Scott Vernon Edwards

Danielle Allen and Anthony Jack

Gary Ruvkun and Mark Fishman
October 15, 2018
House of the Academy
in collaboration with the Massachusetts Historical Society
“All Legislative Powers . . .” Article 1 of the U.S. Constitution, Then and Now
Featured Speakers: Margaret H. Marshall (Choate, Hall & Stewart; formerly, Supreme Judicial Court of Massachusetts); Jack N. Rakove (Stanford University). Moderator: Sanford V. Levinson (University of Texas at Austin; Harvard Law School)

October 30, 2018
House of the Academy
Distinguished Morton L. Mandel Annual Public Lecture
The 2020 Census: Unprecedented Challenges & Their Implications
Featured Speaker: Kenneth Prewitt (Columbia University)

November 2, 2018
House of the Academy
Auditing Leadership Performance: Where Boards Often Fail
Featured Speakers: Mitchell Rabkin (Beth Israel Deaconess Medical Center; Harvard Medical School); Susan Friedman (Strategy Consultant)

November 29, 2018
House of the Academy
An Evening of Music and Conversation with Kenny Barron
Featured Speakers: Kenny Barron (Pianist; Composer; Arranger; NEA Jazz Master); William Damon (Stanford University); Felton Earls (Harvard T.H. Chan School of Public Health; Harvard Medical School). Moderator: Eric Jackson (WGBH; Northeastern University)

December 12, 2018
House of the Academy
Winter Concert
Featured performers: Alex Hersh (Cello); Heinz Holliger (Oboe); Kim Kashkashian (Viola); Alexi Kenney (Violin); Robert Levin (Piano)
MEMBER EVENTS, 2018–2019

Wade Harper and Susan Dymecki

Kenneth Prewitt

Nancy Andrews, Ernest Moniz, Ashton Carter, and David Oxtoby

K. Tsianina Lomawaima and Robert Warrior

Danielle Allen and Mariano-Florentino Cuéllar
February 13, 2019
House of the Academy
*in collaboration with the Harvard Graduate School of Education*

**The Privileged Poor**
*Featured Speakers:* Bridget Terry Long (Harvard Graduate School of Education); Anthony Jack (Harvard University); Danielle Allen (Harvard University)

March 6, 2019
House of the Academy

**Building, Exploring, and Using the Tree of Life**
*Featured Speakers:* Douglas E. Soltis (University of Florida); Pamela S. Soltis (University of Florida). *Moderator:* Scott Vernon Edwards (Harvard University)

March 20, 2019
House of the Academy

**An International Anti-Corruption Court**
*Featured Speakers:* Robert Rotberg (World Peace Foundation; Harvard Kennedy School); Richard Goldstone (Constitutional Court of South Africa); Mark Wolf (United States District Court for the District of Massachusetts)

April 3, 2019
House of the Academy

**How Russian Hackers and Trolls Helped Elect a President**
*Featured Speaker:* Kathleen Hall Jamieson (University of Pennsylvania)

April 4, 2019
House of the Academy

**Boston-Cambridge Program Committee Meeting**

April 11, 2019
House of the Academy

**Annual Awards Ceremony: Presentation of the Award for Excellence in Public Policy and Public Affairs and The Rumford Prize**
*Featured Speakers:* Ash Carter (Harvard Kennedy School; formerly, U.S. Department of Defense); Ernest Moniz (Energy Futures Initiative; Nuclear Threat Initiative; formerly, U.S. Department of Energy); Lucia Rothman-Denes (University of Chicago); Edward Boyden (MIT)

April 26, 2019
House of the Academy

**Women Composers of America**
Chamber series in collaboration with the Cantata Singers

May 7, 2019
House of the Academy

**Safe Spaces, Brave Spaces: Diversity and Free Expression in Education**
*Featured Speakers:* John Palfrey (Phillips Academy Andover; John D. and Catherine T. MacArthur Foundation); Martha Minow (Harvard University)

May 8, 2019
House of the Academy

**An International Anti-Corruption Court: Second Discussion**
*Featured Speakers:* Robert Rotberg (World Peace Foundation; Harvard Kennedy School); Richard Goldstone (Constitutional Court of South Africa); Mark Wolf (United States District Court for the District of Massachusetts); Carlos Holmes Trujillo (Ministry of Foreign Affairs, Republic of Colombia)

May 10, 2019
House of the Academy

**Age-Related Macular Degeneration: A Journey from the Bench to the Clinic**
*Featured Speaker:* Patricia D’Amore (Massachusetts Eye and Ear; Harvard Medical School)

May 14, 2019
House of the Academy

**Meeting of the Boston Biotech Working Group**
Nancy Cantor addressing members at a reception in New York

Participants at an authors’ conference for an issue of Dædalus on Women & Equality

Rumford Prize recipients (left to right) Georg Nagel, Gero Miesenböck, Ernst Bamberg, Peter Hegemann, and Edward Boyden

Judith Eisen and Natalie Ahn

Robert Levin (piano) and Heinz Holliger (oboe)
MISSOURI

ST. LOUIS

October 24, 2018
Washington University in St. Louis
Playing It Forward in Classical Music*
Featured Speakers: David Robertson (The Juilliard School; formerly, St. Louis Symphony Orchestra); Robert Peterson (St. Louis Public Radio)

April 12, 2019
Washington University in St. Louis
Shaping the Public Face of Science
Featured Speakers: Barbara Schaal (Washington University in St. Louis); Peter Raven (Missouri Botanical Garden); Erica Kimmerling (American Academy of Arts and Sciences)

April 18, 2019
Washington University in St. Louis
St. Louis Program Committee Meeting*

May 2, 2019
Pulitzer Arts Foundation
A Conversation with Emily Rauh Pulitzer*
Featured Speakers: Emily Rauh Pulitzer (Pulitzer Arts Foundation); Cara Starke (Pulitzer Arts Foundation)

NORTH CAROLINA

CHAPEL HILL

May 28, 2019
University of North Carolina at Chapel Hill
Research Triangle Program Committee Meeting*

NEW JERSEY

PRINCETON

March 28, 2019
Princeton University
Reception with Academy President David W. Oxtoby*

NEW YORK

NEW YORK

November 26, 2018
New York, NY
Morton L. Mandel Public Lecture
An Evening with Nicholas Kristof

March 11, 2019
New York, NY
Reception to Welcome Academy President David W. Oxtoby

June 3, 2019
New York, NY
New Member Reception
Featured Speakers: Annette Gordon-Reed (Harvard University; Harvard Law School; Radcliffe Institute for Advanced Study); David W. Oxtoby (American Academy of Arts and Sciences)

NEW JERSEY

OHIO

COLUMBUS

October 30, 2018
Ohio State University
Satellite Discussion: The 2020 Census: Unprecedented Challenges & Their Implications
Featured Speaker: Janet Box-Steppensmeier (Ohio State University)

OHIO
John Grotzinger speaking about NASA’s Mars Science Laboratory mission.

Sanford Levinson, Margaret Marshall, and Jack Rakove

James Wolfensohn and Jonathan Fanton

Kenny Barron performing at the Academy
Pennsylvania

Philadelphia

September 20, 2018
University of Pennsylvania
Understanding Public Attitudes and Engagement with Science

October 30, 2018
American Philosophical Society
Satellite Discussion: The 2020 Census: Unprecedented Challenges & Their Implications
Featured Speaker: Robert M. Hauser (American Philosophical Society)

Rhode Island

Providence

October 23, 2018
Brown University
Frontlines of the Opioid Crisis: Innovative Science-Based Solutions*
Featured Speakers: Jill Pipher (Brown University); Christina Paxson (Brown University); Sheldon Whitehouse (U.S. Senate); Rebecca Boss (Rhode Island Department of Behavioral Healthcare); Traci Green (Brown University; Center of Biomedical Research Excellence [COBRE] on Opioids and Overdose); Brandon Marshall (Brown University; PreventOverdoseRI); Josiah Rich (Brown University; Center of Biomedical Research Excellence [COBRE] on Opioids and Overdose). Keynote and Moderator: Michael Botticelli (Boston Medical Center; formerly, Center for National Drug Control Policy, The White House)

Tennessee

Nashville

May 20, 2019
Nashville, TN
Member Breakfast

Washington

Seattle

April 9, 2019
University of Washington
Seattle Program Committee Meeting*

International Meetings

United Kingdom

June 11, 2019
The British Academy
Member Reception with Academy President David W. Oxtoby and Presentation of the 2018 Sarton Prize for History of Science
Featured Speakers: David W. Oxtoby (American Academy); Sarton Prize winner Jenny Bulstrode (University of Cambridge; National Maritime Museum, Greenwich)
Michelle Wright, Frances Smith Foster, Beverly Guy-Sheftall, and Pellom McDaniels III discussing African American Women’s Writing at a program held at Emory University

Donald Levy and David Oxtoby

Nicholas Kristof, at a gathering of members in New York

Kenny Barron (far right) in conversation with (left to right) Eric Jackson, Tony Earls, and William Damon.
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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Covington & Burling LLP; formerly, Carnegie Institution for Science

Carl H. Pforzheimer III
Carl H. Pforzheimer and Co.

Anne Little Poulet
Frick Collection

Patti B. Saris
U.S. District Court, District of Massachusetts

Sara Lee Schupf
New York, New York

James M. Stone
Plymouth Rock Companies

Marcelo M. Suárez-Orozco
University of California, Los Angeles

Samuel O. Thier
Harvard Medical School; Massachusetts General Hospital

Kenneth L. Wallach
Central National-Gottesman, Inc.

Nancy C. Andrews, ex officio
Duke University School of Medicine

Nancy C. Andrews, ex officio
Duke University School of Medicine

Larry J. Shapiro
University Health Partners of Hawaii

Shirley M. Tilghman
Princeton University

Natasha Tretewey
Northwestern University

Pauline Yu
American Council of Learned Societies

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