Bulletin of the American Academy of Arts & Sciences

20 Annual 24 Report

The Roman goddess Minerva – associated with strategy, wisdom, justice, poetry, medicine, commerce, defense, law, civilization, science, technology, and the arts – is featured on the Academy's crest and embodies the interdisciplinarity of the Academy's membership.

FALL 2024

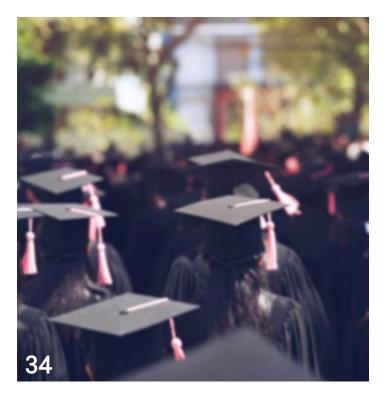
Bulletin of the American Academy of Arts & Sciences

20 Annual 24 Report

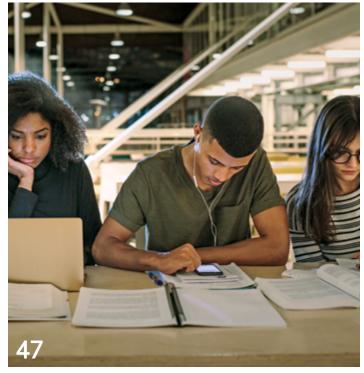
AMERICAN ACADEMY OF ARTS & SCIENCES Cambridge, Massachusetts

FALL 2024 CONTENTS



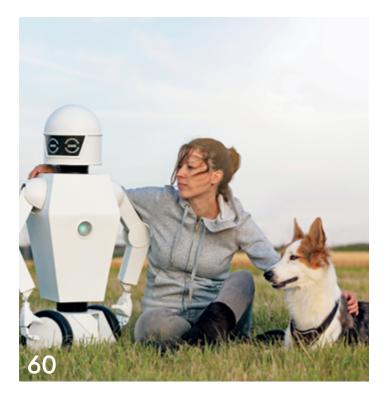






Board & Committee Reports

- 4 Report from the Chair of the Board of Directors and Incoming President Goodwin Liu & Laurie L. Patton
- **6** Governance & Committees, 2024–2025
- **10** Financial Statements





Projects, Publications & Meetings

- **12** American Institutions, Society & the Public Good
- 32 Education
- 40 Global Security & International Affairs
- 44 The Humanities, Arts & Culture
- **52** Science, Engineering & Technology
- **63** Highlights of Programmatic Impact
- **66** Academy Publications
- **69** Member Events, 2023–2024

Academy Prizes

82 Prizes and Prizewinners

Legacy Recognition Honorees

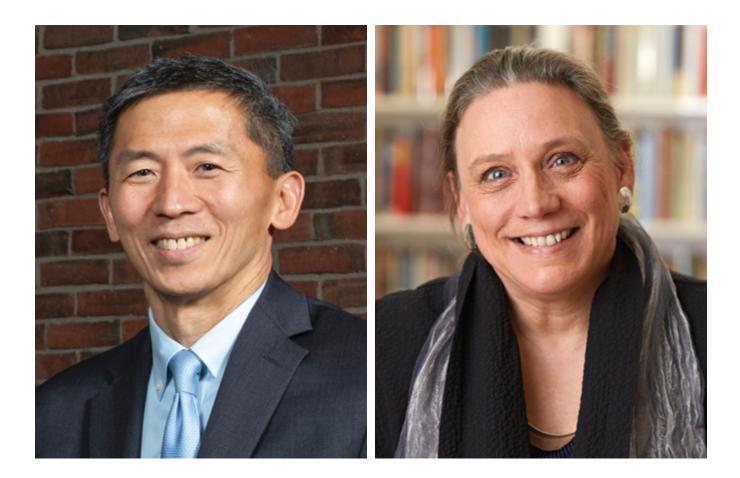
85 Legacy Recognition Honorees for 2024

Academy Members

- **87** Local Program Committees & Representatives
- **91** Members Elected in 2024
- **96** Deceased Members

Academy Staff

97 List of Staff at the Academy



Report from the Chair of the Board of Directors and Incoming President

GOODWIN LIU & LAURIE L. PATTON

nduction is one of our most cherished events of the year. It is a time to honor and celebrate the achievements of our newest members, recognizing their excellence in all fields and disciplines. At this year's Induction, we welcomed over 200 of the 250 members elected in 2024, marking the largest single class Induction in our history. It was our privilege to participate fully in the weekend's activities, to meet the new members and their families, and to inspire this new class to be engaged in the work of the Academy.

On December 31, Laurie will be leaving her role as the president of Middlebury College and will begin as the Academy's president in January. Laurie is a scholar of South Asian history, culture, and religion, and was elected to the Academy in 2018 in the study of religion and in educational leadership. Since our founding in 1780, the Academy's mission "to cultivate every art and science which may tend to advance the interest, honor, dignity, and happiness of a free, independent, and virtuous people" has guided our institution. However, like our nation, the Academy has reflected the struggles and contradictions of its time. Our first president, James Bowdoin, was an advocate of independence yet also a slaveholder, as was his Academy colleague Thomas Jefferson. The Academy elected its first African American member, diplomat Ralph Bunche, in 1951, and its first woman, astronomer Maria Mitchell, in 1848. It would take nearly a century for the Academy to elect another woman.

Four years ago, the Academy's Board adopted a Statement on Anti-Racism that calls on us not only to examine our own history, but also to help undo the As we look ahead to 2025, we are excited to work together and with our members to fulfill the Academy's mission of advancing the common good, and to ensuring that the Academy remains both relevant and impactful in strengthening democracy through its thought leadership.

injustices of the past. During the Induction weekend in September, we announced the inaugural class of Legacy Recognition Honorees, a new initiative to recognize individuals whose outstanding accomplishments have been overlooked or undervalued during their lifetimes. We recognized forty remarkable individuals: scholars, researchers, writers, artists, advocates, and community leaders. We are grateful to the scores of members from across the country who participated in this new initiative by either submitting or supporting a nomination.

We are also grateful to the many members who participated in our membership election process this year: 814 members submitted nominations, over 51 percent (2,757) voted, and a dedicated group of 267 members served on class committees, section panels, and canvass committees. The remarkable talent and diversity reflected in our new members are a testament to the efforts of current members and demonstrate what social science already tells us: that diversity of thought and experience drives excellence.

This year was a busy one for Academy projects and commissions. We issued major reports from the Commission on Accelerating Climate Action and the Commission on Reimagining Our Economy (CORE), with outreach to connect the work with key audiences. Members of the Climate Commission met with the U.S. Environmental Protection Agency, White House Office of Science and Technology Policy, thirty-five congressional offices (of both parties), and the National Governors Association. Meanwhile, members of CORE briefed eight of the twelve regional Federal Reserve Banks, Democratic and Republican lawmakers and staff in the House of Representatives and Senate, and state officials across the country. We also continued our democracy work, advancing the ideas in the Our Common Purpose report, which helped pave the way for the launch of the Trust for Civic Life, a new philanthropic initiative supporting rural programs that strengthen community bonds, civic engagement, and everyday democracy.

In June, the Academy convened its annual Forum on Higher Education. More than one hundred higher

education experts and leaders, including university presidents, provosts, and academic deans from many of the Academy's Affiliate institutions, met in Aspen, CO, to discuss the future of work and preparation for the job market, speech on campus and beyond, the changing political landscape, and artificial intelligence in our world.

In the area of global security, the Academy partnered with the Shanghai Academy of Social Sciences and the Project on Managing the Atom at Harvard Kennedy School to convene a U.S.-China Track II dialogue. The dialogue, held in Shanghai in May, included thirty U.S. and Chinese experts, former senior officials, and leading scholars on arms control. And our ongoing work on the Humanities Indicators continues to serve as an important resource for media and scholarly discussions on the state of the humanities. The Indicators were cited by major media outlets, referenced in numerous books published in 2024, and discussed at several national conferences.

Our journal *Dædalus* had a noteworthy year, publishing issues on implicit bias, international higher education, free speech, and educational equity. The reach of the journal has expanded significantly since it became open access in 2021, with more than a threefold increase in downloaded essays and online readership.

None of what the Academy has done would be possible without the generous support of our members. We are grateful to those who support our annual fund and those who direct additional contributions toward special areas of impact. During the past fiscal year, we received \$12.5 million in gifts and pledges. Your confidence in the Academy fills us with optimism for the future.

As we look ahead to 2025, we are excited to work together and with our members to fulfill the Academy's mission of advancing the common good, and to ensuring that the Academy remains both relevant and impactful in strengthening democracy through its thought leadership. And we are thrilled to begin a new chapter of the Academy with Laurie's leadership as our president.

Goodwin Liu & Laurie L. Patton

GOVERNANCE & COMMITTEES

Board of Directors

Goodwin Liu, Chair Supreme Court of California

Paula J. Giddings, Vice Chair Smith College

Stephen B. Heintz, Vice Chair Rockefeller Brothers Fund

Earl Lewis, Secretary University of Michigan

Laurie L. Patton, President (as of January 2025) American Academy of Arts and Sciences

Kenneth L. Wallach, Treasurer Central National Gottesman, Inc.

Philip N. Bredesen State of Tennessee

Margaret A. Hamburg Washington, D.C.

John Mark Hansen University of Chicago **Cherry A. Murray** University of Arizona

David M. Rubenstein The Carlyle Group

Deborah F. Rutter John F. Kennedy Center for the Performing Arts

Larry Jay Shapiro Washington University School of Medicine in St. Louis

Anna Deavere Smith New York, NY

Shirley M. Tilghman Princeton University

Jeannette M. Wing Columbia University

Judy Woodruff PBS **Academy Council**

Paula J. Giddings, *Chair* Smith College

Deborah Loewenberg Ball University of Michigan

Juan J. De Pablo New York University

Johanna Ruth Drucker University of California, Los Angeles

Joseph S. Francisco University of Pennsylvania

Annette Gordon-Reed Harvard University

Mary-Claire King University of Washington

Sara Lawrence-Lightfoot Harvard Graduate School of Education

Shirley Mahaley Malcom American Association for the Advancement of Science

Paula D. McClain Duke University

Cherry A. Murray University of Arizona

John G. Palfrey John D. and Catherine T. MacArthur Foundation

Deborah F. Rutter John F. Kennedy Center for the Performing Arts Scott D. Sagan Stanford University

Cristián T. Samper Bezos Earth Fund

Larry Jay Shapiro Washington University School of Medicine in St. Louis

Anna Deavere Smith New York, NY

Shirley M. Tilghman Princeton University

Jeannette M. Wing Columbia University

Susan Wolf University of North Carolina at Chapel Hill

Stephen B. Heintz, *ex officio* Rockefeller Brothers Fund

Earl Lewis, *ex officio* University of Michigan

Goodwin Liu, *ex officio* Supreme Court of California

Laurie L. Patton, ex officio (as of January 2025) American Academy of Arts and Sciences

Kenneth L. Wallach, *ex officio* Central National Gottesman, Inc.

Academy Trust

Stephen B. Heintz, *Chair* Rockefeller Brothers Fund

Joanne Berger-Sweeney Trinity College

Philip N. Bredesen State of Tennessee

Juan Enriquez Excel Venture Management

Adam F. Falk Alfred P. Sloan Foundation

James Fallows Our Towns Civic Foundation

Frances Daly Fergusson Vassar College

Ann M. Fudge Young and Rubicam Brands

Margaret A. Hamburg Washington, D.C.

John Mark Hansen University of Chicago

Antonia Hernández California Community Foundation

Robert F. Higgins Causeway Media Partners

Jonathan Scott Holloway Rutgers, The State University of New Jersey

Alberto Ibargüen John S. and James L. Knight Foundation

Sherrilyn Ifill Howard University School of Law **Eric P. Liu** Citizen University

Nancy Beth Peretsman Allen & Company, LLC

John W. Rogers, Jr. Ariel Investments, LLC

David M. Rubenstein The Carlyle Group

Patti B. Saris United States District Court, District of Massachusetts

Sara Lee Schupf New York, NY

James M. Stone Plymouth Rock Companies

Marcelo M. Suárez-Orozco University of Massachusetts Boston

Judy Woodruff PBS

Paula J. Giddings, *ex officio* Smith College

Earl Lewis, ex officio University of Michigan

Goodwin Liu, ex officio Supreme Court of California

Laurie L. Patton, ex officio (as of January 2025) American Academy of Arts and Sciences

Kenneth L. Wallach, ex officio Central National Gottesman, Inc.

Audit Committee

Larry Jay Shapiro, Chair Washington University School of Medicine in St. Louis

Frances Daly Fergusson Vassar College

Antonia Hernández California Community Foundation

Jonathan Scott Holloway Rutgers, The State University of New Jersey

Patti B. Saris United States District Court, District of Massachusetts

Committee on Anti-Racism

Earl Lewis, *Chair* University of Michigan

Nancy C. Andrews Boston Children's Hospital

Philip N. Bredesen State of Tennessee

Paula J. Giddings Smith College

Annette Gordon-Reed Harvard University

Suzan Harjo The Morning Star Institute

Antonia Hernández California Community Foundation

John Legend John Legend Touring Incorporated

Goodwin Liu, *ex officio* Supreme Court of California

Laurie L. Patton, ex officio American Academy of Arts and Sciences

Committee on Membership

Earl Lewis, *Chair* University of Michigan

Juan de Pablo New York University

Sally Haslanger Massachusetts Institute of Technology

Leemor Joshua-Tor Cold Spring Harbor Laboratory

Bryna R. Kra Northwestern University

Jonathan B. Losos Washington University in St. Louis

Shirley Mahaley Malcom American Association for the Advancement of Science

Vicki L. Ruiz University of California, Irvine

Kathleen Thelen Massachusetts Institute of Technology

Loa P. Traxler University of New Mexico

Darren Walker Ford Foundation

Robert Warrior University of Kansas

Goodwin Liu, *ex officio* Supreme Court of California

Laurie L. Patton, *ex officio* American Academy of Arts and Sciences

Finance Committee

Kenneth L. Wallach, Chair Central National Gottesman, Inc.

Alan M. Dachs Fremont Group

Cherry A. Murray University of Arizona

Venky Narayanamurti Harvard University

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

Marcelo M. Suárez-Orozco University of Massachusetts Boston

Shirley M. Tilghman Princeton University

Stephen B. Heintz, ex officio Rockefeller Brothers Fund

Goodwin Liu, *ex officio* Supreme Court of California

Laurie L. Patton, ex officio American Academy of Arts and Sciences

Institutional Policy Committee

Goodwin Liu, *Chair* Supreme Court of California

Paula J. Giddings Smith College

John Mark Hansen University of Chicago

Stephen B. Heintz Rockefeller Brothers Fund

Earl Lewis University of Michigan

Laurie L. Patton American Academy of Arts and Sciences

Kenneth L. Wallach Central National Gottesman, Inc.

> **Goodwin Liu,** *ex officio* Supreme Court of California

Stephen B. Heintz, ex officio

Rockefeller Brothers Fund

Investment

Committee

Alan M. Dachs

Fremont Group

Robert F. Higgins

Martin L. Leibowitz

Chandrika K. Tandon Tandon Capital Associates

David C. Weinstein

Write the World

Morgan Stanley

Chair

Suzanne M. Nora Johnson.

The Goldman Sachs Group

Causeway Media Partners

Laurie L. Patton, *ex officio* American Academy of Arts and Sciences

Kenneth L. Wallach, *ex officio* Central National Gottesman, Inc.

Nominating Committee

Larry Jay Shapiro, Chair Washington University School of Medicine in St. Louis

Philip N. Bredesen State of Tennessee

Shirley Mahaley Malcom American Association for the Advancement of Science

Paula D. McClain Duke University

Richard Andrew Meserve Covington and Burling LLP

Deborah F. Rutter John F. Kennedy Center for the Performing Arts

Goodwin Liu, *ex officio* Supreme Court of California

Laurie L. Patton, *ex officio* American Academy of Arts and Sciences

Prize Committee

Deborah F. Rutter, *Chair* John F. Kennedy Center for the Performing Arts

Nancy C. Andrews Boston Children's Hospital

Debra Ann Fischer Yale University

Reid Hastie University of Chicago Booth School of Business

Scott Russell Sanders Indiana University

Gary M. Segura University of California, Los Angeles

Goodwin Liu, *ex officio* Supreme Court of California

Laurie L. Patton, *ex officio* American Academy of Arts and Sciences

Academy Representatives

American Association for the Advancement of Science

John G. Hildebrand University of Arizona

American Council of Learned Societies

Ayanna Thompson Arizona State University

National Humanities Center

Harriet Ritvo Massachusetts Institute of Technology

American Academy of Arts and Sciences and Affiliates Consolidated Statement of Financial Position as of June 30, 2024

Assets

| Current Assets | | |
|--|----|-------------|
| Cash | \$ | 6,586,195 |
| Accounts receivable | | 247,786 |
| Current portion of grants and pledges receivable | | 3,306,339 |
| Other current assets | | 379,232 |
| Total current assets | _ | 10,519,552 |
| Grants and Pledges Receivable, net | | 4,886,111 |
| Investments | | 84,590,719 |
| Beneficial Interest in Perpetual Trust for Science | | 2,865,105 |
| Right-of-Use Asset – Operating Lease | | 430,303 |
| Property and Equipment, net | _ | 10,951,136 |
| Total assets | \$ | 114,242,926 |
| Liabilities and Net Assets | | |
| Current Liabilities | | |
| Current portion of note payable | \$ | 206,426 |
| Accounts payable and accrued expenses | | 1,638,831 |
| Total current liabilities | _ | 1,845,257 |
| Note Payable, net of current portion | | 1,392,573 |
| Total liabilities | _ | 3,237,830 |
| Net Assets | | |
| Without donor restrictions | | |
| Operating | | 10,260,043 |
| Board designated | | 5,615,749 |
| Property and equipment | | 9,782,440 |
| Total unrestricted | | 25,658,232 |
| With donor restrictions | _ | 85,346,864 |
| Total net assets | _ | 111,005,096 |
| Total liabilities and net assets | \$ | 114,242,926 |

AAFCPAs conducted the audit of the Academy's statements of financial position for the fiscal year 2024 (July 1, 2023 – June 30, 2024). A copy of the audited financial statements is available on the Academy's website and upon request.

American Academy of Arts and Sciences and Affiliates Consolidated Statement of Activities and Changes in Net Assets For the Year Ended June 30, 2024

| Revenues | | |
|--|----|-------------|
| Gifts and grants | \$ | 4,128,706 |
| Investment return designated for operations | | 2,997,166 |
| Annual appeal | | 2,268,316 |
| University affiliates | | 1,639,275 |
| Membership dues | | 1,432,676 |
| Income distribution from Permanent Science Fund | | 120,000 |
| Other revenue | | 89,666 |
| Subtotal | _ | 12,675,805 |
| Norton's Woods events revenue | | 1,085,935 |
| Less: Norton's Woods events expenses | | (734,853) |
| Norton's Woods events, net | | 351,082 |
| Total revenues | _ | 13,026,887 |
| Expenses | | |
| Program services | | 11,711,975 |
| Support services | | 6,902,080 |
| Forum for the Future of Higher Education | _ | 440,900 |
| Total expenses | | 19,054,955 |
| Changes in net assets from operations | _ | (6,028,068) |
| Other Revenues | | |
| Investment returns | | 8,841,873 |
| Less – spending policy | | (2,997,166) |
| Contributions to endowment | | 1,770,635 |
| Increase in beneficial interest in Perpetual Trust for Science | | 172,450 |
| Total other revenues | | 7,787,792 |
| Changes in net assets | _ | 1,759,724 |
| Net Assets | | |
| Beginning of year | _ | 109,245,372 |
| End of year | \$ | 111,005,096 |

12 Fall 2024 • Bulletin of the American Academy of Arts & Sciences

American Institutions, Society & the Public Good

he American Academy of Arts and Sciences was founded by visionaries who foresaw that the nascent republic would benefit from the expertise of learned citizens to guide its development, health, and integrity through whatever challenges may arise.

Today, the clarity of that vision has never been more evident. We find ourselves in a time of deepening divides across lines of politics, race, religion, income, and opportunity. The institutions we have long turned to for leadership and information are under fire, as trust in the media, government, commercial enterprise, and academia declines. Strong and responsive institutions and a healthy civil society can carry us through crises and are vitally important in their aftermath.

From these challenges springs an ever-greater need for innovation and reinvestment in America's founding values and its promise. As the Academy's report Our Common Purpose: Reinventing American Democracy for the 21st Century notes, we are experiencing an age of surging civic participation, "of communities working to build new connections across long-standing divides, and of citizens suddenly awakening to the potential of their democratic responsibilities." It is in times like these that members of the Academy, through projects in the American Institutions, Society, and the Public Good program, combine their extraordinary and diverse expertise to strengthen the relationships between our national institutions, civil society, and the citizens they serve and represent.



PROJECT Commission on the Practice of Democratic Citizenship

he Commission on the Practice of Democratic Citizenship is a multiyear project of the Academy. The Commission launched in 2018 to explore the factors that encourage and discourage people from becoming engaged in their communities. The Commission's report, *Our Common Purpose: Reinventing American Democracy for the 21st Century*, seeks to improve democratic engagement in the United States with a set of thirty-one recommendations that reach across political institutions, civic culture, and civil society to revitalize American democracy by increasing representation, empowering voters, making institutions more responsive, and reinvigorating our civic culture.

The Academy has committed to make significant progress on the recommendations by 2026, the nation's 250th anniversary. In collaboration with champion organizations and leaders from across the nation, the Academy is hosting public events and targeted briefings, providing expert testimony and thought leadership, convening experts and practitioners for knowledge sharing and strategy development, creating op-eds and other earned media, and in other ways standing up and supporting the ongoing implementation of *Our Common Purpose*.

COMMISSION CHAIRS

Danielle Allen Harvard University

Stephen B. Heintz Rockefeller Brothers Fund

Eric P. Liu Citizen University

COMMISSION MEMBERS

Sayu Bhojwani Women's Democracy Lab

danah boyd Data & Society

Caroline Brettell Southern Methodist University

David Brooks The New York Times

David Campbell University of Notre Dame

Alan Dachs Fremont Group

Dee Davis Center for Rural Strategies

Jonathan Fanton American Academy of Arts and Sciences

Lisa García Bedolla University of California, Berkeley

Sam Gill Doris Duke Charitable Foundation **R. Marie Griffith** John C. Danforth Center on Religion & Politics, Washington University in St. Louis

Hahrie Han Stavros Niarchos Foundation, Agora Institute, Johns Hopkins University

Antonia Hernández formerly, California Community Foundation

Wallace Jefferson Alexander Dubose & Jefferson, LLP

Joseph Kahne University of California, Riverside

Kei Kawashima-Ginsberg Tufts University

Yuval Levin American Enterprise Institute

Carolyn Lukensmeyer formerly, National Institute for Civil Discourse

Martha McCoy Everyday Democracy

Lynn Nottage Playwright

Steven Olikara Bridge Entertainment Labs

Norman Ornstein American Enterprise Institute

Robert Peck FPR Partners

Pete Peterson School of Public Policy, Pepperdine University Miles Rapoport 100% Democracy

Michael Schudson Columbia University

Sterling Speirn formerly, National Conference on Citizenship

Marcelo Suárez-Orozco University of Massachusetts Boston

Ben Vinson Howard University

Diane P. Wood American Law Institute

Judy Woodruff PBS

Ethan Zuckerman University of Massachusetts Amherst

PROJECT STAFF

Jonathan D. Cohen Joan and Irwin Jacobs Senior Program Officer for American Institutions, Society, and the Public Good

Kelsey Ensign Louis W. Cabot Humanities Policy Fellow

Zachey Kliger Program Associate for American Institutions, Society, and the Public Good

Jessica Lieberman Program Officer for American Institutions, Society, and the Public Good Abhishek Raman Program Officer for American Institutions, Society, and the Public Good

Peter Robinson Chief Program Officer

Tony B. Shivers Government Relations Officer

Betsy Super Program Director for American Institutions, Society, and the Public Good

FUNDERS

S. D. Bechtel, Jr. Foundation

Rockefeller Brothers Fund

The John S. and James L. Knight Foundation

The William and Flora Hewlett Foundation

Ford Foundation

The Conrad N. Hilton Foundation

The Suzanne Nora Johnson and David G. Johnson Foundation

The Clary Family Charitable Fund

Alan and Lauren Dachs

Sara Lee Schupf and the Lubin Family Foundation

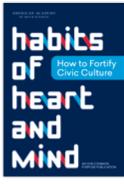
Joan and Irwin Jacobs

Patti Saris

David M. Rubenstein

CONTINUED Commission on the Practice of Democratic Citizenship

COMMISSION PUBLICATIONS



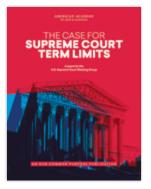
Habits of Heart and Mind: How to Fortify Civic Culture, Working Group on Defining Civic Culture (American Academy of Arts and Sciences, 2024)



The Case for Enlarging the House of Representatives, Lee Drutman, Jonathan D. Cohen, Yuval Levin, and Norman J. Ornstein (American Academy of Arts and Sciences, 2021)



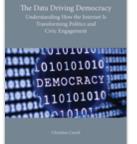
The Political and Civic Engagement of Immigrants, Caroline Brettell (American Academy of Arts and Sciences, 2020)



The Case for Supreme Court Term Limits, U.S. Supreme Court Working Group (American Academy of Arts and Sciences, 2023)



Our Common Purpose: Reinventing American Democracy for the 21st Century (American Academy of Arts and Sciences, 2020)



The Data Driving Democracy, Christina Couch (American Academy of Arts and Sciences, 2020)

COMMISSION MEETINGS

Civic Culture Working Group

April 2023–October 2024

In 2023, the Academy, in partnership with Citizen University and the Aspen Institute's Citizenship and American Identity Program, convened the Working Group on Defining Civic Culture – a diverse group of eighteen distinguished scholars, philanthropists, journalists, civic leaders, activists, artists, and educators – to examine how civic culture is connected to a functioning constitutional democracy. The working group produced a comprehensive and accessible publication, *Habits of Heart and Mind: How to Fortify Civic Culture*, that identifies seven key pillars of a healthy civic culture, drawn from case studies across the country, and provides tactics for national and grassroots stakeholders to foster healthy civic culture in their workplace and community.

Since publication in September 2024, *Habits of Heart and Mind* has been featured in essays in *The Seattle Times*, *The Hill*, and on the Center for Effective Philanthropy's podcast, *Giving Done Right*.

WORKING GROUP MEMBERS

Eric P. Liu, Chair Citizen University

Kristen Cambell Philanthropy for Active Civic Engagement

Sybil Francis Center for the Future of Arizona

David French The Dispatch

Sam Gill Doris Duke Charitable Foundation

Ted Johnson New America

Ben Klutsey Mercatus Center, George Mason University

Mathieu Lefevre More in Common **Peter Levine** Tufts University

Patty Loew Northwestern University

Eunice Lin Nichols CoGenerate

Suzanne Nossel PEN America

Eboo Patel Interfaith America

John Spann Mississippi Humanities Council

Shanta Thake Lincoln Center for the Performing Arts

Natalie Tran CAA Foundation

Jose Antonio Vargas Define American

National Service Public Opinion Research

Beginning May 2023

One of the recommendations in the *Our Common Purpose* report is to establish a universal expectation of a year of national service and dramatically expand funding for service programs or fellowships that would offer young people paid service opportunities. The Academy – in partnership with America's Service Commissions (ASC) and California Volunteers – sought a data-driven approach to building demand for a year of national service among young Americans. Research was undertaken that included focus groups, a large-scale survey in California, and a parallel national sample. The insights gleaned from the Academy's research are intended to help organizations in the national service field attract more young Americans to service.

Building Demand for National Service: New Insights from Public Opinion Research July 17, 2024 Virtual

The Academy, in partnership with California Volunteers, hosted a virtual symposium with leaders from AmeriCorps and state service commissions to discuss the Academy's recommendation to make a year of national service a universal expectation for young Americans, and to unveil new findings from the Academy's public opinion research on national service. The Academy collaborated with America's Service Commissions and California Volunteers to convene focus groups in California and conduct state and national polling to identify messages to attract more young people to service. During the event, the Academy disseminated new resources, including an article with key findings from the Academy's research and a presentation of the data about effective messages.

SPEAKERS

Kristen Bennett Service Year Alliance

Kaira Esgate America's Service Commissions

Josh Fryday California Volunteers

Lisa García Bedolla University of California, Berkeley **Goodwin Liu** Supreme Court of California

Doris Matsui U.S. House of Representatives (D-CA)

Pete Peterson Pepperdine School of Public Policy

Speakers at the virtual symposium on national service (clockwise from top left): Kristen Bennett, Pete Peterson, Josh Fryday, Goodwin Liu, Doris Matsui, Lisa García Bedolla, and Kaira Esgate



CONTINUED Commission on the Practice of Democratic Citizenship

Supreme Court Term Limits: Rethinking Life Tenure on a Divided Court June 27, 2024 Washington, D.C.

This luncheon event, hosted by the Academy on Capitol Hill, brought together a diverse, bipartisan group of experts, including members of the Academy's U.S. Supreme Court Working Group, for a lively discussion of all sides of the proposal to enact term limits for Supreme Court Justices. Speakers discussed how the reform could be enacted by statute, the benefits and challenges associated with establishing Supreme Court term limits, and the role the Senate might play in enacting such a reform. In July 2024, President Biden endorsed the idea of Supreme Court term limits via statute. The Academy's report, *The Case for Supreme Court Term Limits*, informed coverage of the issue in *The Boston Globe* and *NewsNation*.

SPEAKERS

Kimberly Atkins Stohr The Boston Globe

Stephen McAllister University of Kansas School of Law

Political Polarization and Political Violence September 4, 2024 Virtual

Speakers at this webinar on political violence and polarization placed the assassination attempt of former President Donald Trump in the broader context of our understanding of political violence and provided information on efforts to lower the risk of violence or conflict. A point of emphasis was the importance of reassuring Americans that voting itself is safe. The event spotlighted organizations and initiatives that are combating political violence, bridging divides, and strengthening democracy.

SPEAKERS

Paige Alexander Carter Center

Rachel Kleinfeld Carnegie Endowment for International Peace Marty Smith ABA Task Force on American Democracy



Speakers at the June event on Supreme Court Term Limits: Kimberly Atkins Stohr, Diane P. Wood, Sarah A. Binder, and Stephen McAllister

Multi-Member Districts Working Group

April 2024-September 2024

The *Our Common Purpose* report calls for amending the 1967 federal law that mandates single-member congressional districts and winner-take-all elections and adopting in its place a system of multi-member districts with proportional ranked choice voting. In April 2024, the Academy convened a diverse, bipartisan group of political scientists, election law experts, advocates, and practitioners to

WORKING GROUP MEMBERS

John Carey Dartmouth College

Guy-Uriel Charles Harvard Law School

Colin Cole More Equitable Democracy

Andy Craig Rainey Center; CATO Institute

Lee Drutman New America **Michael Hanchard** University of Pennsylvania

Maria Teresa Kumar Voto Latino

Didi Kuo Stanford University

Jennifer Lawless University of Virginia

Michael Li Brennan Center for Justice Jennifer McCoy Georgia State University

Norman Ornstein American Enterprise Institute

Deb Otis FairVote

Maria Perez Democracy Rising

Pete Peterson Pepperdine University **Cynthia Richie Terrell** Represent Women

explore the design choices and downstream policy ques-

tions that will influence how future implementation of

this set of reforms might work. The working group will produce a report laying out areas where a consensus has

developed regarding the likely effects of this reform on

congressional representation - areas that remain subject

The session also highlighted organizations working to re-

invigorate civic culture and the methods that national

and grassroots stakeholders can use to fortify civic culture

before, during, and after the U.S. presidential election.

to debate - and questions to be examined in the future.

Charles Stewart, III Massachusetts Institute of Technology

Christopher Thomas Bipartisan Policy Center

Grant Tudor Protect Democracy

Philip Wallach American Enterprise Institute

How to Fortify Civic Culture in America

October 28, 2024 Virtual

The Academy hosted a virtual panel discussion to celebrate the launch of a new Academy publication, *Habits of Heart & Mind : How to Fortify Civic Culture*. The speakers discussed the what, why, and how of civic culture in America.

SPEAKERS

Ben Klutsey Mercatus Center at George Mason University **Eric P. Liu** Citizen University

Goodwin Liu Supreme Court of California Laurie L. Patton American Academy of Arts and Sciences

Natalie Tran Creative Artists Agency Foundation

Speakers at the event on How to Fortify Civic Culture in America (clockwise from top left): **Ben Klutsey**, **Natalie Tran**, **Laurie L. Patton**, **Goodwin Liu**, and **Eric P. Liu**



CONTINUED Commission on the Practice of Democratic Citizenship

Council of State Governments National Conference December 4, 2024 New Orleans, LA

The American story often gets told in two opposing ways, focusing on either the "glory" or the "gory" of the country's past. The nation's 250th anniversary presents an opportunity for Americans across the country to develop a national narrative that both accounts for past mistakes and celebrates achievements. For the past several years, the Academy has been gathering a group of leaders in the civil society space to discuss how to make 2026 an inclusive experience that brings Americans together rather than driving them further apart. At the Council of State Governments, the Academy convened a panel in which speakers from this group discussed their guiding framing for the 250th anniversary and their thoughts on how the commemoration can help strengthen American democracy.

SPEAKERS

Brandon Dillard Monticello

Ted Johnson New America Madeleine Rosenberg American Association for State and Local History

Betsy Super American Academy of Arts and Sciences

OCP Champions Convening

December 12–13, 2024 House of the Academy, Cambridge, MA

Since the release of the *Our Common Purpose* report, more than seventy organizations have pledged their support for one or more of the report's democracy renovation recommendations. Our Common Purpose Champions come from a wide range of localities and perspectives. Each organization works on making government more responsive and on strengthening American civil society and civic culture. At this OCP Champions convening, the Academy gathered leaders from these organizations. The meeting provided the participants with an opportunity to assess their progress, address challenges, explore new ways to collaborate after the 2024 election, and prepare for America's 250th anniversary in 2026.

FEATURED SPEAKERS

Sarah Cross Stand Together

Louise Dubé iCivics Alan Khazei More Perfect

David Martinez III Vitalyst Health Foundation



PROJECT Making Justice Accessible

ivil justice initiatives reach Americans far beyond the courthouse doors. In America today, we have legal information and services that can be delivered by lawyers, licensed practitioners, and trained advocates. A myriad of professionals can provide invaluable guidance and counseling; design new products and tools for judges, lawyers, and litigants; and generate free information to help people navigate legal systems on their own. And because we know most Americans will navigate legal systems without the help of a trained professional, civil justice initiatives must necessarily focus on ordinary people.

Since launching a two-year implementation effort in February 2022, the Making Justice Accessible project has interviewed providers, scholars, field experts, and thought leaders; convened stakeholder roundtables; hosted a summit; and briefed congressional policymakers about the potential that civil justice initiatives have to alleviate precarity and empower American communities.

This work builds on the project's publications focused on the challenges of providing legal services to low-income Americans. Designing Legal Services for the 21st Century produced the Civil Justice for All report, which recommends targeted civil justice investments in financial and human resources, simplified procedures to reduce barriers and administrative strain, greater coordination and new partnerships across disciplines, and a larger field of advocates and legal professionals trained to provide effective and accessible legal help. Data Collection and Legal Services for Low-Income Americans produced the Measuring Civil Justice for All report, which established a blueprint for civil justice data collection efforts and a research agenda for civil justice scholars, practitioners, and policymakers. The Winter 2019 issue of Dædalus on "Access to Justice" is a multidisciplinary study of the civil justice gap, examining new models for the delivery of legal help. The project's work is informed by the advice and insights of civil justice experts and representatives of courts, legal aid,

CONTINUED Making Justice Accessible

probono programs, and private and public foundations; justice professionals; researchers; educators; and policy professionals who make up the civil justice ecosystem.

The American civil justice ecosystem is not a single, monolithic system. No overriding strategic policy guides how every service and resource will get in the hands of those who need it. Therefore, the project's final implementation effort focused on stewardship and coordination to elevate effective models and strategies that could guide the work forward.

Building on the insights and guidance of experts in the field, the Academy hosted the Making Justice Accessible

ADVISORY COMMITTEE CHAIRS

John Levi Legal Services Corporation; Sidley Austin LLP

Martha Minow Harvard Law School

ADVISORY COMMITTEE MEMBERS

Kimberly Budd Massachusetts Supreme Judicial Court

Colleen Cotter Legal Aid Society of Cleveland

Ronald Flagg Legal Services Corporation

Ivan Fong Medtronic

Kenneth C. Frazier formerly, Merck & Co.

Bethany Hamilton National Center for Medical-Legal Partnership **Nathan Hecht** Texas Supreme Court

Wallace B. Jefferson Alexander Dubose & Jefferson. LLP

Joseph Kennedy III U.S. Department of State; Groundwork Project

Lance Liebman Columbia Law School

Jonathan Lippman Latham & Watkins, LLP

Lora J. Livingston Texas 261st Civil District Court

Judy Perry Martinez Simon, Peragine, Smith & Redfearn

Bridget Mary McCormack American Arbitration Association

Margaret Morrow formerly, U.S. District Court, Central District of California Summit in March 2024 – a convening of over sixty leaders in law, healthcare, philanthropy, corporate social responsibility, nonprofit organizations, and advocacy – to reimagine opportunities in civil justice.

In December 2024, the project published a national strategic framework outlining the opportunities and innovations already underway to make civil justice available for all. The report is a culmination of the project's engagement in the civil justice field, and serves as a call to action for philanthropy, business, government, and other sectors to engage, support, and strengthen these efforts.

David W. Oxtoby American Academy

Rohan Pavuluri Upsolve

of Arts and Sciences

Andrew M. Perlman Suffolk University School of Law

Daniel B. Rodriguez Northwestern University Pritzker School of Law

Rebecca Sandefur T. Denny Sanford School of Social and Family Dynamics, Arizona State University

William Treanor Georgetown University Law Center

Jo-Ann Wallace National Legal Aid & Defenders Association Insurance Program

Diane P. Wood American Law Institute

PROJECT STAFF

Eduardo Gonzalez Program Officer for American Institutions, Society, and the Public Good

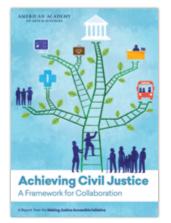
Peter Robinson Chief Program Officer

Betsy Super Program Director for American Institutions, Society, and the Public Good

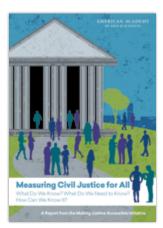
FUNDER

David M. Rubenstein

PROJECT PUBLICATIONS



Achieving Civil Justice: A Framework for Collaboration (American Academy of Arts and Sciences, 2024)



Measuring Civil Justice for All (American Academy of Arts and Sciences, 2021)



Civil Justice for All (American Academy of Arts and Sciences, 2020)



"Access to Justice," *Dædalus*, edited by Lincoln Caplan, Lance Liebman, and Rebecca Sandefur (Winter 2019)

PROJECT MEETINGS

Advisory Committee Meetings

February 7, 2024; May 28, 2024; October 15, 2024; November 20, 2024

Artificial Intelligence & Legal Help Focus Group

February 16, 2024 Stanford Legal Design Lab, Stanford Law School, Stanford, CA

Program Officer Eduardo Gonzalez participated in a focus group conducted by Margaret Hagan (Stanford Legal Design Lab, Stanford Law School). The focus group gathered civil justice experts to review and analyze responses to legal questions from generative artificial intelligence (GenAI) to understand the accuracy, effectiveness, and potential use cases for leveraging GenAI for legal issue inquiries.

Legal Services Corporation Access to Justice Symposium February 29, 2024

Chicago, IL

Program Officer Eduardo Gonzalez participated in the Legal Services Corporation's "Leap for Justice" celebration event, which gathered civil justice providers, researchers, and leaders from academia and business to highlight the impact of LSC's fifty years of work in the field. **CONTINUED** Making Justice Accessible

Making Justice Accessible Summit March 7–9, 2024 House of the Academy, Cambridge, MA

The Making Justice Accessible Summit, the project's capstone event, included over sixty experts in civil justice, legal empowerment, academia, philanthropy, and corporate social purpose. The convening centered people-justice outcomes, highlighting the networks and developments in the field, elevating technology and innovation projects that reimagine the delivery of legal help, and raising attention to the roles of public and private sector actors in achieving justice for all.

American Bar Association's Standing Committee on Legal Aid & Indigent Defense Board Meeting April 9, 2024

Washington, D.C.

At the American Bar Association's meeting, Program Officer Eduardo Gonzalez spoke about the project's activities and plans to produce a national document highlighting effective strategies in the field as well as the outcomes of the Making Justice Accessible Summit.

National Legal Aid & Defenders Association/ American Bar Association's Equal Justice Conference 2024 May 8–11, 2024

Detroit, MI

Program Officer Eduardo Gonzalez and Program Director Betsy Super presented at the Equal Justice Conference about communicating the value of civil justice efforts to philanthropy.

New America Tech for Humanity Summit 2024 June 6, 2024 Arlington, VA

The Making Justice Accessible project team attended the New America Tech for Humanity Summit, an annual gathering of New America's Public Interest Technology University Network. The participants included thought leaders from across sectors who discussed the role of data in securing human rights and dignity.



Project Cochair John Levi and Joseph Kennedy III

The Self-Represented Litigation Network 2024 Conference

September 18–20, 2024 Salt Lake City, UT

Program Officer Eduardo Gonzalez was a panelist at the conference's closing plenary session on funding strategies for civil justice efforts, making the case that civil justice aligns with philanthropic and business interests. In addition, Gonzales participated in two other sessions: The SRLN Self-Help Policy Bootcamp for new or existing court-based self-help programs focused on education and training for building relationships and support from key actors; and the Building Civil Justice Pipelines panel discussion, which focused on emerging opportunities to build talent pipelines from other fields into civil justice roles, and to strengthen connectedness among current civil justice professionals.

Public Interest Technology–University Network Summit 2024 November 7–8, 2024 San Jose, CA

Program Officer Eduardo Gonzalez spoke at the PIT UN Summit on the intersection of Law, Technology, and the Public Interest.

Achieving Civil Justice

December 4, 2024 Virtual

The launch event of the project's final report, *Achieving Civil Justice*, brought together leaders and champions that have guided the project and have stewarded support for and attention to local and national civil justice efforts across the country. The panelists discussed case studies of successful efforts that illustrate the variety of ways in which courts, legal professionals, nonprofit leaders, businesses, technologists, and universities are working to close the civil justice gap.

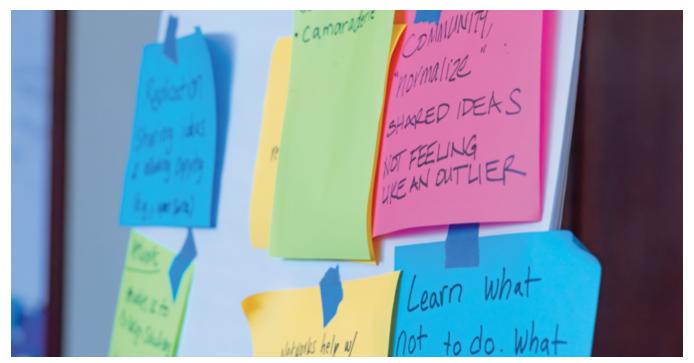
SPEAKERS

John Levi Legal Services Corporation; Sidley Austin LLP

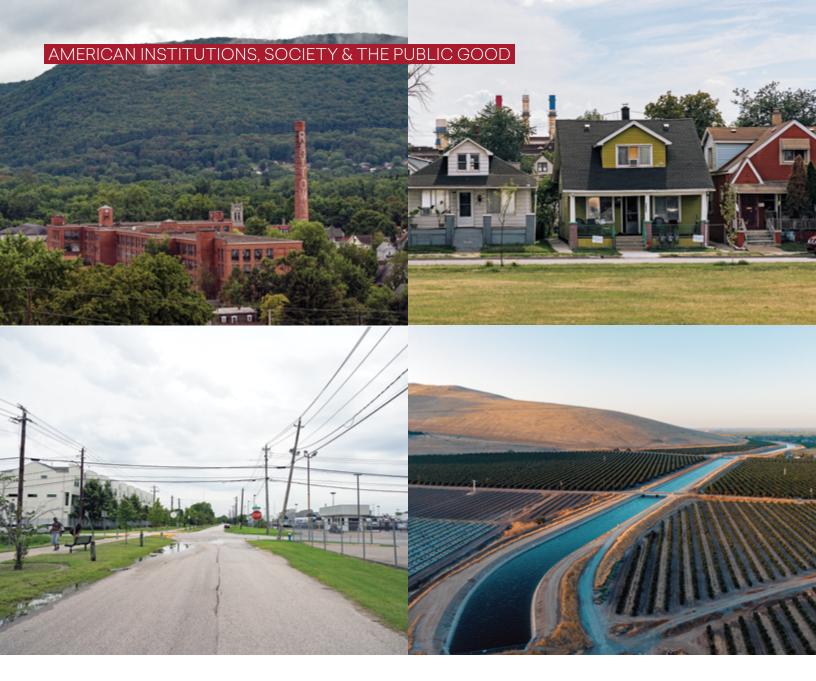
Martha Minow Harvard Law School

Daniel B. Rodriguez Northwestern University Pritzker School of Law **Rebecca Sandefur** Arizona State University

Diane P. Wood American Law Institute



The results of Summit participants' brainstorming sessions about developing new resources.



PROJECT

Commission on Reimagining Our Economy

n the United States today, too many families are unable to achieve the life they want despite their best efforts, too many communities have not benefited from economic growth, and too many Americans believe the economy does not work for them. These conditions not only harm lives and livelihoods, but they also sow distrust in our political, economic, and community institutions. The widespread belief that the economy does not give everyone a fair chance exacerbates tensions among Americans, threatening the nation's social fabric and its democracy.

The Academy launched the Commission on Reimagining Our Economy (CORE) in October 2021 with the goal of directing a focus from how the *economy* is doing toward how *Americans* are doing. The Commission builds on the work of *Our Common Purpose*, which acknowledges that economic conditions shape the practice of democracy but does not offer recommendations specifically targeted at economic issues.

The interdisciplinary Commission comprises scholars, journalists, artists, and leaders from the faith, labor, business, education, and philanthropic communities. Drawing on thirty-one listening sessions held across the country, the Commission came to consensus on fifteen recommendations to advance a people-first economy. In addition to a final report, the Commission produced a book of photojournalism highlighting the lives of median-income Americans in four communities as well as a data dashboard, the CORE Score, offering a countylevel assessment of American well-being.

COMMISSION CHAIRS

Katherine J. Cramer University of Wisconsin-Madison

Ann M. Fudge formerly, Young & Rubicam Brands

Nicholas B. Lemann Columbia University Graduate School of Journalism

COMMISSION MEMBERS

Daron Acemoglu Massachusetts Institute of Technology

Elizabeth Anderson University of Michigan

Cornell William Brooks Harvard Kennedy School

Whitney Kimball Coe Center for Rural Strategies

Jane Delgado National Alliance for Hispanic Health

James Fallows Our Towns Civic Foundation

Helene Gayle Spelman College

Jacob Hacker Yale University

Tom Hanks Actor and Filmmaker

Mary Kay Henry Service Employees International Union

Kelly Lytle Hernández University of California, Los Angeles

Megan Minoka Hill Ash Center, Harvard Kennedy School **Reid Hoffman** Greylock Partners

Serene Jones Union Theological Seminary

Julius Krein American Affairs

Goodwin Liu Supreme Court of California

Maya MacGuineas Committee for a Responsible Federal Budget

James Manyika Google-Alphabet

Katherine Newman University of California

Viet Thanh Nguyen University of Southern California

Sarah Ruger Stand Together

Ruth Simmons Harvard University **Matthew Slaughter** Tuck School of Business, Dartmouth College

Anna Deavere Smith New York University

Joseph Stiglitz Columbia University

Michael Strain American Enterprise Institute

Mark Trahant Indian Country Today

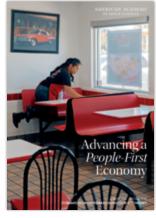
Kenneth L. Wallach Central National Gottesman, Inc.

PROJECT STAFF

Jonathan D. Cohen Joan and Irwin Jacobs Senior Program Officer for American Institutions, Society, and the Public Good

Kelsey Ensign Louis W. Cabot Humanities Policy Fellow

COMMISSION PUBLICATIONS



Advancing a People-First Economy (American Academy of Arts and Sciences, 2023)



Faces of America: Getting By in Our Economy (American Academy of Arts and Sciences, 2023)

Victor Lopez Program Associate for American Institutions, Society, and the Public Good

Peter Robinson Chief Program Officer

Betsy Super Program Director for American Institutions, Society, and the Public Good

FUNDERS

The William and Flora Hewlett Foundation

The C&P Buttenwieser Foundation

Omidyar Network

David M. Rubenstein

Patti Saris

AMERICAN INSTITUTIONS, SOCIETY & THE PUBLIC GOOD

CONTINUED Commission on Reimagining Our Economy

COMMISSION MEETINGS

The Geography of American Opportunity

February 27, 2024 Stanford Park Hotel, Menlo Park, CA

This event featured a panel discussion with Academy and Commission members **Reid Hoffman** (Greylock Partners) and **Katherine Newman** (University of California) about how place affects economic opportunity in the United States. **Michael Tubbs** (former Mayor

SPEAKERS

Reid Hoffman Greylock Partners Katherine Newman University of California of Stockton, CA) moderated the conversation, which focused on the widening gap between the richest and poorest communities. The discussion also drew on the CORE Score, the Commission's dashboard to measure well-being.

Michael Tubbs Former Mayor of Stockton, CA; End Poverty in California



Michael Tubbs (End Poverty in California), Katherine Newman (University of California), and Reid Hoffman (Greylock Partners) in conversation about the geography of American opportunity.

Community Partnership Visas Working Group

May-December 2024

One of the recommendations in the Commission's final report calls for the creation of Community Partnership Visas (CPVs), a visa program that would allow local, state, and tribal governments to issue visas based on their unique economic needs. Such a program would aim to leverage the power of immigration to help communities stem demographic decline, fill critical labor market gaps, and revitalize their economies, all while marking the American

WORKING GROUP MEMBERS

Cristina M. Rodríguez, *Chair* Yale Law School

Gordon Hanson Harvard Kennedy School

Douglas Massey Princeton University **Cecilia Muñoz** New America; Welcome.US

Gerald Neuman Harvard Law School

Pia Orrenius Federal Reserve Bank of Dallas David W. Oxtoby American Academy of Arts and Sciences

Kristie De Peña Niskanen Center Matthew J. Slaughter Tuck School of Business, Dartmouth College

Stan Veuger American Enterprise Institute

Tara Watson Brookings Institution

Faces of America Exhibits

July 27, 2024; October 17, 2024 Tulare County and San Fransisco, CA

With funding from the James Irvine Foundation, the Academy hosted a series of exhibitions featuring the images from the *Faces of America* photojournal. One of these exhibits was held in Tulare County, California, a community featured in the photojournal. In July 2024, Adam Perez, a local photographer who took some of the images for *Faces of America*, hosted a festival in Tulare County celebrating farmworkers and their

contributions to the community. The *Faces of America* exhibit was featured as part of this celebration. In October 2024, Goodwin Liu, Chair of the Academy's Board of Directors, and Adam Perez presented the images to the Statewide Leadership Council of the Public Policy Institute of California, a group of leaders who are helping guide the future of economic policy for the largest state in the nation.

commitment to welcoming immigrants. The Academy

has established a working group to create a cross-partisan

policy framework for CPVs. Though other organizations

have issued proposals for place-based visa programs, none

have answered specific regulatory questions surround-

ing their implementation. This working group - a cross-

partisan cohort of immigration experts and scholars - will

do so, with plans to issue a report in the winter of 2025.



Gina, one of the Tulare residents featured in *Faces* of *America*, pictured with her daughter and extended family, in Tulare, CA, July 27, 2024.

CONTINUED Commission on Reimagining Our Economy

Economic Connectedness: Building Relationships that Expand Opportunity September 12, 2024

Virtual

Many Americans today live in silos. As communities remain economically stratified, it is easy to be surrounded by those who share the same socioeconomic background. The Academy's Economic Connectedness Working Group launched in November of 2023 and brought together leaders from different sectors to think about how to bridge these economic divides. On September 12, the Academy officially launched a new website from the working group that makes the case for why economic connectedness matters and features case studies of places and programs that are bringing people together across class lines. The event featured a panel discussion and remarks from working group members who defined economic connectedness, explained the benefits of relationships between people of differing socioeconomic statuses, and highlighted effective methods and spaces for fostering cross-class connections.

SPEAKERS

Russell Booker Spartanburg Academic Achievement Movement

Lynda Gonzales-Chavez

Katherine Cramer

University of Wisconsin-Madison

YMCA-USA

Jessica Grose The New York Times

Goodwin Liu Supreme Court of California

Johannes Stroebel New York University

Rebuilding Local and Community Media for the Twenty-First Century

October 10, 2024 Madison, WI

Drawing on one of the Commission's key recommendations, the Academy hosted an expert panel to discuss the ongoing challenges and opportunities facing local and community media. The panelists reflected on the state of local media over the past two decades, its impact on communities and politics, and the growing threat of misinformation. They also discussed the Commission's proposal to rethink how private media companies are funded and the idea of treating media organizations less like private companies and instead as critical sources of infrastructure for the American economy and American democracy.

Michael Wagner

Wisconsin-Madison

University of

FEATURED SPEAKERS

Frederica Freyberg PBS Wisconsin

Lew Friedland University of Wisconsin-Madison

Narratives of the Economy

October 27, 2024 Los Angeles, CA

Over the last few years, scholars and journalists have observed the curious phenomenon that, despite good news from economic indicators like GDP, polls find that Americans are simply not happy about the state of the economy. While material conditions do shape people's opinions, so do narratives - stories and themes, often originating among lawmakers and the media. Yet the role of storytelling has been overlooked in explaining the disconnect at the heart of the current economic and political moment. This Academy member event, held on the campus of the University of Southern California, helped explain the role that economic narratives play in shaping people's opinions about their finances, their lives, and their nation. Drawing on the Commission's listening sessions and photojournalism project, Los Angeles members convened to discuss how narratives can be rewritten to create a political and economic system that works for all.

SPEAKERS

Geoffrey Cowan USC Annenberg School for Communication and Journalism

Carol L. Folt University of Southern California

Goodwin Liu Supreme Court of California Viet Thanh Nguyen University of Southern California

Manuel Pastor University of Southern California

Kyla Scanlon Author, *In This Economy*?

Measuring What Matters: Connecting Economic Prosperity with Household Well-Being

November 20, 2024 Federal Reserve Bank of New York, New York, NY

During the Commission's outreach and implementation phase, it had the chance to brief numerous regional Federal Reserve Banks about its efforts, and in particular the CORE Score data dashboard. In November, Commission and Academy member Jacob Hacker (Yale University) presented the CORE Score at the Federal Reserve Bank of New York for Bank invitees and local Academy members. He made the case for new ways to measure the economy, focusing on people-focused metrics like the Score rather than traditional, growth-focused measures such as the Dow Jones or GDP. He also presented findings from the Score, offering new insight into geographic disparities within the United States. In a panel conversation, Hacker, Matthew Slaughter (Tuck School of Business, Dartmouth), and playwright and actress Anna Deavere Smith discussed the need for a people-focused approach to the economy and to the ways it is measured.

SPEAKERS

Jacob Hacker Yale University

Matthew Slaughter Tuck School of Business, Dartmouth **Anna Deavere Smith** Playwright and Actress **Council of State Governments** National Conference December 5, 2024 New Orleans, LA

At the CSG National Conference, the Academy hosted a panel discussion on *Advancing a People-First Economy*. The panelists discussed how the Academy's Commission on Reimagining Our Economy has sought to redirect a focus from how the "economy" is doing onto how Americans are doing. They focused on the Commission's values of security, opportunity and mobility, and democracy and explored recommendations for how to build an economy that better serves the American people.

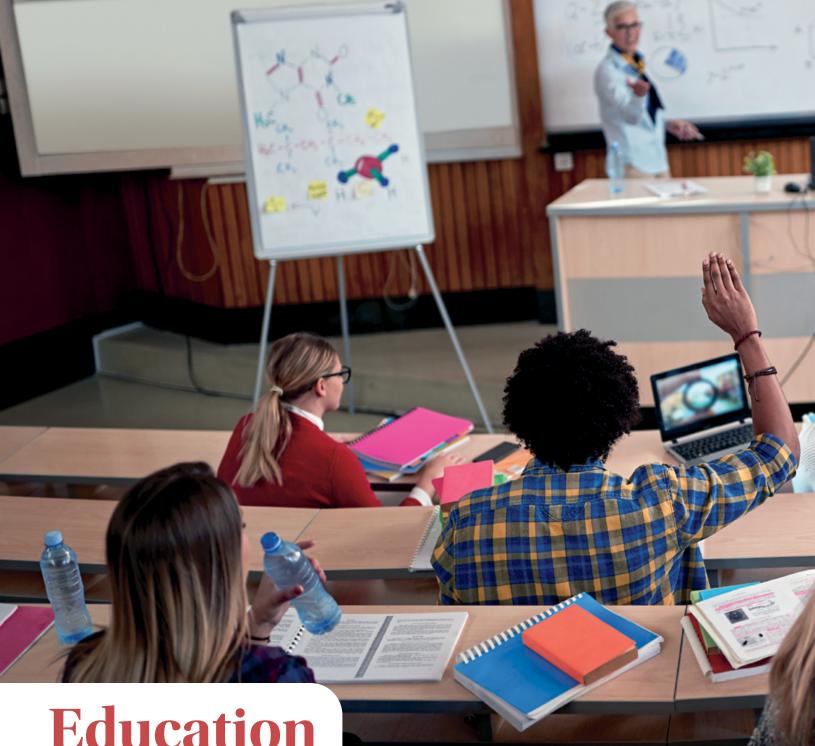
SPEAKERS

Charles Ellison Council of State Government's Communities of Color Initiative James Fallows Our Towns Civic Foundation

Mark Trahant Indian Country Today

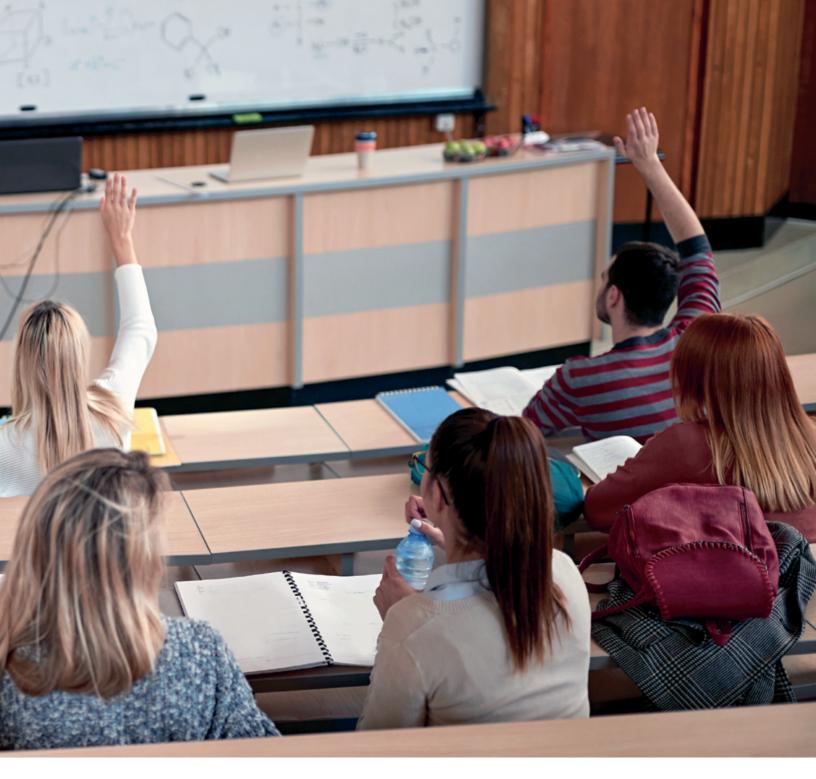
The event on Narratives of the Economy, held on October 27, 2024, in Los Angeles, CA, featured (left to right) **Viet Thanh Nguyen** (University of Southern California), **Manuel Pastor** (University of Southern California), **Kyla Scanlon** (author), and **Goodwin Liu** (Supreme Court of California) at the podium.





Education

rojects in the Education program area examine the vital role that education plays in our nation and the world. Work in this area seeks to inform policy and practice in support of high-quality educational opportunities for all Americans. From advancing equitable educational outcomes to leveraging new developments in the learning sciences and digital technologies to understanding the vital role that public universities play as engines of economic growth, innovation, social mobility, and citizenship, projects in this area draw on scholars and practitioners from diverse fields to provide guidance and actionable solutions to policymakers, higher education leaders, and philanthropists.



EDUCATION ADVISORY COMMITTEE

Deborah Loewenberg Ball University of Michigan

Joanne Berger-Sweeney Trinity College

Nancy E. Cantor Hunter College

John J. DeGioia Georgetown University **Greg Duncan** University of California, Irvine

Joan Gabel University of Pittsburgh

Kris Gutierrez University of California, Berkeley Nicholas B. Lemann Columbia University

Susanna Loeb Stanford University

Michael Lomax United Negro College Foundation

John C. Mitchell Stanford University **Na'ilah Suad Nasir** Spencer Foundation

Francesca Purcell Harvard University

Marcelo M. Suárez-Orozco University of Massachusetts Boston

David Weinstein Write the World

PROJECT The Higher Education Forum

he Higher Education Forum at the Academy draws on the strengths of Academy Affiliates, members, and experts to provide interdisciplinary perspectives on the most pressing issues affecting higher education. The Forum is guided by the Academy's Education Advisory Committee.

The Higher Education Forum's annual convening was held in Aspen, CO, on June 10–13, 2024. More than

FUNDERS

Alfred P. Sloan Foundation Bank of America Barclays BrandED, Inc. Kaplan, Inc. Lumina Foundation TIAA United Educators

ing diversity on campus.

David C. Weinstein

one hundred higher education experts and leaders, in-

cluding university presidents, provosts, and academ-

ic deans from many of the Academy's Affiliate institutions, engaged in discussions on topics that included

the future of work, speech on campus and beyond, the

changing political landscape, the health of our commu-

nities, artificial intelligence in our world, and maintain-



Joan Gabel (University of Pittsburgh)



Marie Lynn Miranda (University of Illinois Chicago), Sisi Wei (The Markup), Xuedong Huang (Zoom), and Michael Crow (Arizona State University)



Marie Lynn Miranda (University of Illinois Chicago) and Michael Bennett (Northeastern University)



Brandon Busteed (BrandEd) and David Campbell (Notre Dame University)



Susan Dynarski (Harvard University), John King (State University of New York), and Frances Ward-Johnson (North Carolina Agricultural and Technical State University)



PROJECT

Commission on Opportunities After High School

he Commission on Opportunities After High School was launched in May 2024. The mission of the Commission is to ensure that every student can thrive and find rewarding jobs in an ever-changing global economy and actively participate in society. The Commission will focus on expanding the possibilities for historically underserved students, so

COMMISSION CHAIRS

Nancy E. Cantor Hunter College

Harrison Keller University of North Texas

Bridget Terry Long Harvard Graduate School of Education

COMMISSION MEMBERS

Kirsten Baesler North Dakota Department of Public Instruction

Gilda A. Barabino Olin College of Engineering

Jason Callahan The Forum for Youth Investment that multiple routes to success are broadly accessible. The Commissioners will develop recommendations that address the various obstacles that may impede a student's progress and will identify promising pathways from high school into higher education or directly into the workforce.

Mary Schmidt Campbell Spelman College

Shirley M. Collado College Track

Michael Collins Jobs for the Future

Michelle Asha Cooper Lumina Foundation

Aimée Eubanks Davis Braven Arne Duncan Emerson Collective

Elena Fuentes-Afflick Association of American Medical Colleges

Roberto G. Gonzales University of Pennsylvania

Antonia Hernández California Community Foundation Enrique Hernandez, Jr. Inter-Con Security Systems

Sheila Johnson Salamander Hospitality

Paula A. Kerger Public Broadcasting Service

Perri Klass New York University

Félix V. Matos Rodríguez City University of New York

Janet A. Napolitano University of California, Berkeley **Santa J. Ono** University of Michigan

Eloy Ortiz Oakley College Futures Foundation

Bobby Pace Community College of Aurora

Tracy P. Palandjian Social Finance

Madeline Pumariega Miami Dade College

Anne Marie Sweeney BUA Ventures, Inc. John White Great Minds

Anthony Woods Maryland Department of Veterans Affairs

David S. Yeager University of Texas at Austin

Laura Zabel Springboard for the Arts

PROJECT STAFF

Melissa Chan Program Coordinator for Education **Kimberlee Eberle-Sudré** Program Director for Education

Catherine Van Ness Program Officer for Education

FUNDERS

Spencer Foundation

Carnegie Corporation of New York

William T. Grant Foundation

Anonymous Sources

COMMISSION MEETINGS

First Meeting of the Commission May 4–6, 2024 House of the Academy, Cambridge, MA

At this first meeting of the Commission on Opportunities After High School, Commission members discussed the current state of high school and postsecondary opportunities, including how high school students receive information and make decisions about their postsecondary pathways. The interdisciplinary group of experts also focused on the training and skills that form a strong foundation for young people to be successful in the current and future economy and society, including the ability to be agile in the landscape of an ever-changing economy and willingness to be lifelong learners as employers' needs shift. The members discussed the target audience for their work as well as successful programs and policies to highlight.



Members of the Commission on Opportunities After High School and project staff at the first meeting of the Commission (left to right) row one: Michelle Asha Cooper, Nancy Cantor, Mary Schmidt Campbell, Sheila Johnson; row two: Lywana Dorzilor, Catherine Van Ness, Félix Matos Rodríguez, Janet Napolitano, Roberto Gonzales, Gilda Barabino, Bridget Terry Long, Antonia Hernández, Kirsten Baesler; row three: Peter Robinson, David Oxtoby, Harrison Keller, Eloy Ortiz Oakley, Laura Zabel, Bobby Pace, Kimberlee Eberle-Sudré, Aimée Eubanks Davis

EDUCATION



CONTINUED Commission on Opportunities After High School

Commission cochairs Bridget Terry Long, Harrison Keller, and Nancy Cantor

EXPLORATORY MEETING Leading for a Future of Higher Education Equity: Transforming Supreme Court Challenges into Opportunities for Positive Change

August 20–21, 2023 House of the Academy, Cambridge, MA

The Academy partnered with the American Council on Education and EducationCounsel to convene an exploratory meeting with senior leaders from a range of higher education institutions, including public and private institutions, large and small institutions, historically black colleges and universities, and some institutions already operating within environments that had banned affirmative action. The participants discussed the anticipated impact of Supreme Court rulings on affirmative action. They also shared how they could continue to advance equity and diversity through available avenues.

In April 2024, the Academy published a summary that highlights the strategies, recommendations, and

approaches identified by the meeting participants that would help leaders across higher education to move their institutions forward for the benefit of their students and society at large. The key themes included centering equity throughout campus; uniting committed and collaborative university leaders for systemic change; communicating the value of equity to constituents; fostering community partnerships; and highlighting and funding the valuable expertise and contributions of minorityserving institutions (MSIs) and historically black colleges and universities (HBCUs). This summary is available online at www.amacad.org/publication/leading -for-a-future-higher-education-equity.

MEETING CHAIRS

Joanne Berger-Sweeney Trinity College

Kim Wilcox University of California, Riverside

FUNDERS

Alfred P. Sloan Foundation The Mellon Foundation

ACADEMY PARTNERS

Ted Mitchell American Council on Education

Art Coleman EducationCounsel Jamie Lewis Keith EducationCounsel



John King (State University of New York), Jamie Lewis Keith (EducationCounsel), Goodwin Liu (California Supreme Court), Kimberlee Eberle-Sudré (American Academy of Arts and Sciences), and David Oxtoby (American Academy of Arts and Sciences)



Gabrielle Starr (Pomona College), **Kedra Ishop** (University of Southern California), **OiYan Poon** (Spencer Foundation; University of Maryland, College Park), and **Ted Mitchell** (American Council on Education)



Jonathan Holloway (Rutgers, The State University of New Jersey) and Susan Wente (Wake Forest University)



Kim Wilcox (University of California, Riverside), **Joanne Berger-Sweeney** (Trinity College), and **David Oxtoby** (American Academy of Arts and Sciences)

Global Security & International Affairs



he Global Security and International Affairs program area draws on the expertise of a broad range of policymakers, practitioners, and scholars to foster knowledge and promote innovative and evidence-based policies to address crucial issues affecting the international 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 at all levels of society.

COMMITTEE ON INTERNATIONAL SECURITY STUDIES

CHAIRS

Scott D. Sagan Stanford University

Jennifer M. Welsh McGill University

MEMBERS

Tanja M. Börzel Freie Universität Berlin

Neta C. Crawford University of Oxford

Matthew Anthony Evangelista Cornell University

Tanisha M. Fazal University of Minnesota

Martha Finnemore George Washington University

M. Taylor Fravel Massachusetts Institute of Technology

Lawrence D. Freedman King's College London

Oona A. Hathaway Yale University

Susan Landau Tufts University

Rose M. McDermott Brown University

Steven E. Miller Harvard Kennedy School

Anne Woods Patterson Georgetown University

Barry R. Posen Massachusetts Institute of Technology

Paul H. Wise Stanford University



PROJECT Promoting Dialogue on Arms Control and Disarmament

nlike the Cold War, the current nuclear age is characterized by a simultaneous collapse of arms control agreements and the absence of any strategic dialogue among the three main nuclear players. One strand of work in the Promoting Dialogue on Arms Control and Disarmament project consists of a series of Track II dialogues between experts and former policymakers from the United States, Russia, and China, which is designed to identify critical short-term goals in arms control that would serve to minimize and reduce the potential risks of nuclear arms-racing and escalation. The meetings identify areas for cooperation and promote

PROJECT CHAIR

Steven E. Miller Harvard University

PROJECT STAFF

Mitch Poulin Program Associate for Global Security and International Affairs

Peter Robinson Chief Program Officer

Ottawa Sanders Raymond Frankel Nuclear Security Policy Fellow conceptual thinking about measures that might strengthen strategic stability and help to reduce the significant dangers of nuclear weapons being used in the future.

Additional work weaves the project's expert discussions and policy recommendations together to produce publications on critical debates within nuclear arms control. Through targeted briefings and events with policymakers, the project also seeks to foster and strengthen knowledge on key issues and challenges facing the United States in arms control and international security, with particular attention to the careful management of the strategic competition posed by China and Russia.

FORMER PROJECT STAFF

Melissa Chan Program Coordinator for Global Security and International Affairs

Jumaina Siddiqui Program Director for Global Security and International Affairs

FUNDER

The Raymond Frankel Foundation

PROJECT PUBLICATIONS



The Future of Nuclear Arms Control and the Impact of the Russia-Ukraine War, Nadezhda Arbatova, George Perkovich, and Paul van Hooft (2024)



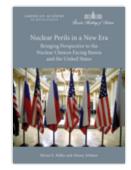
The Altered Nuclear Order in the Wake of the Russia-Ukraine War, Rebecca Davis Gibbons, Stephen Herzog, Wilfred Wan, and Doreen Horschig (2023)



Missile Defense and the Strategic Relationship among the United States, Russia, and China, Tong Zhao and Dmitry Stefanovich (2023)



Minimizing the Negative Effects of Advances in Military-Relevant Space Capabilities on Strategic Stability, Nancy W. Gallagher and Jaganath Sankaran (2023)



Nuclear Perils in a New Era: Bringing Perspective to the Nuclear Choices Facing Russia and the United States, Steven E. Miller and Alexey Arbatov (2021)

PROJECT MEETING

The Implications of Missile Defense on the U.S.-China Strategic Relationship January 23, 2024 Washington, D.C.

In collaboration with the Carnegie Endowment for International Peace, the Academy organized a roundtable discussion with policymakers, practitioners, and researchers to explore ideas from *Missile Defense and the Strategic Relationship among the United States, Russia, and China.* Tong Zhao, Senior Fellow at Carnegie, provided an overview of his essay in the publication. **Steven E. Miller** (Harvard University), chair of the

project, served as a discussant. James Acton, codirector of the Nuclear Policy Program at Carnegie, provided closing remarks. The discussion focused on Chinese concerns over U.S. missile defense, misperceptions that exacerbate strained relations between the United States and China, and ways in which the bilateral strategic relations between the two countries can be strengthened.

EXPLORATORY MEETING Climate Conundrum: Bridging the Gap between Science and Security

May 14–15, 2024 House of the Academy, Cambridge, MA

The Academy convened an off-the-record workshop, led by Neta Crawford (University of Oxford) and Tanisha Fazal (University of Minnesota), that brought together scholars of international relations and climate

MEETING CHAIRS

PROJECT STAFF

Neta Crawford University of Oxford

Tanisha Fazal University of Minnesota **Mitch Poulin** Program Associate for Global Security and International Affairs

Peter Robinson Chief Program Officer change experts. The discussions focused on military emissions, the securitization of climate, and solar geoengineering. Questions around global governance were threaded throughout each conversation.

FORMER PROJECT STAFF

Melissa Chan Program Coordinator for Global Security and International Affairs **Jumaina Siddiqui** Program Director for Global Security and International Affairs

FUNDER

American Academy Exploratory Fund

The Humanities, Arts & Culture

TO

KILL

A

Mockingbird

HARPER LE.

ICK ELB

PEAKS

NVISIBLE

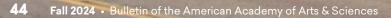
RALPH ELLISON

OURNALS OF THE EXPEDITION

BU CLARK

UNDAUNTED COURAGE

BY TEPHEN E AMBROSE





ADVISORY COMMITTEE

Johanna Drucker, *Chair* University of California, Los Angeles

Louise Henry Bryson Public Media Group of Southern California

Joy Connolly American Council of Learned Societies

Oskar Eustis Public Theater

Rubén Gallo Princeton University

Margaret Jacobs University of Nebraska

Marie-Josée Kravis Museum of Modern Art

Sara Lawrence-Lightfoot Harvard University

Sarah Maza Northwestern University

Pedro Noguera University of Southern California

Oscar Tang New York, NY

Ayanna Thompson Arizona State University

Sherry Turkle Massachusetts Institute of Technology

he humanities, arts, and culture are woven through virtually every Academy program, where artists and humanists add interdisciplinary breadth to projects in science, democracy, and security. However, the Academy also undertakes projects that put humanities, arts, and culture at the forefront, strengthening their practice and highlighting their importance to all aspects of the nation's thriving intellectual life. These projects call attention to the role the arts and humanities play in enriching the growth and vitality of individuals, communities, and the nation.

ADVISORY COMMITTEE MEETING

May 13, 2024 (virtual)

Members of the Advisory Committee reviewed recent work and discussed future project priorities.

STAFF PRESENTATIONS

GradFutures Forum April 10, 2024 Princeton, NJ

Program Director **Robert Townsend** participated in a panel discussion on "Public Humanities: What For?"

Arts, Entrepreneurship, and Innovation Lab Symposium June 6, 2024 Virtual

Program Director **Robert Townsend** chaired a panel about "Arts Engagement in an AI World."

Oakland University

October 17, 2024 Rochester, MI

Program Director **Robert Townsend** delivered an address about "The State of the Liberal Arts and General Education."

Catholic University of America October 19, 2024 Washington, D.C.

Program Director **Robert Townsend** delivered a keynote address at a symposium on "Bridging the Humanities & Technology Gap."



Princeton's GradFutures program hosted a panel on the topic "Public Humanities: What For?" Participants included (left to right): Carin Berkowitz (NJ Council for the Humanities), Clifford Robinson (Princeton Public Library), Robert Townsend (American Academy), Genevieve Allotey-Pappoe (Princeton University), and Yassine Ait Ali (Princeton University).



PROJECT The Humanities Indicators

he Humanities Indicators provide nonpartisan statistical information about all aspects of the humanities: from early childhood reading, through undergraduate and graduate education in the humanities, to employment and humanities experiences in daily life, such as reading and visits to museums. Now in its fourteenth year as a publicly available website, the project tracks the condition of the humanities enterprise via analyses of data gathered by the federal government as well as through its own rigorous survey research. The project is one of the most cited activities of the Academy, and journalists, advocates, government agencies, and academics regularly call on the project staff for information and their expertise.

Recent work has focused on outcomes for and trends in students earning degrees in the humanities at both

PROJECT DIRECTORS

Norman M. Bradburn NORC at the University of Chicago

Robert B. Townsend American Academy of Arts and Sciences

ADVISORY COMMITTEE

Edward Ayers University of Richmond

Jack Buckley American Institutes for Research

Jonathan R. Cole Columbia University the undergraduate and graduate levels. The project released state-level reports on career outcomes for humanities majors. From late 2023 to early 2024, the Indicators administered a survey to departments in thirteen humanities and humanities-adjacent disciplines, asking about the condition of their faculty, students, and programs as well as external pressures on their work. The results will be published in Spring 2025. Alongside that work, the project also entered into a cooperative agreement with the National Endowment for the Humanities and the National Endowment for the Arts to develop a national inventory of nonprofit cultural organizations. The project continues to develop additional areas of original research. The Humanities Indicators are accessible at www.amacad.org /humanities-indicators.

John Dichtl

American Association for State and Local History

Michael Hout New York University

Felice J. Levine American Educational Research Association James Shulman American Council of Learned Societies

Phoebe Stein Federation of State Humanities Councils

Judith Tanur Stony Brook University

CONTINUED The Humanities Indicators

PROJECT STAFF

FUNDERS

Carolyn Fuqua Program Officer for the Humanities Indicators

Maysan Haydar Carl and Lily Pforzheimer Humanities Policy Fellow

Sara Mohr Carl and Lily Pforzheimer Humanities Policy Fellow Mellon Foundation

National Endowment for the Humanities

Carl H. Pforzheimer III

National Endowment for the Arts

The Humanities Indicators was developed with generous support from the National Endowment for the Humanities, Elihu Rose and the Madison Charitable Fund, John P. Birkelund, Peck Stackpoole Foundation, Rockefeller Foundation, Sara Lee Foundation, Teagle Foundation, Walter B. Hewlett and the William R. Hewlett Trust, and William and Flora Hewlett Foundation.

PROJECT PUBLICATIONS



Tracking the Health of the Humanities at HBCUs (American Academy of Arts and Sciences, October 2024)



From Matriculation to Completion: How Do Humanities Majors Compare? (American Academy of Arts and Sciences, November 2024)

PROJECT MEETINGS

Humanities Indicators Advisory Committee Meeting April 12, 2024

Virtual

Members of the Advisory Committee reviewed recent work by the Indicators staff and proposals for future research projects.

Humanities Department Survey Stakeholders Meeting October 28, 2024

Washington, D.C.

The Humanities Indicators staff hosted a meeting with scholarly society leaders, humanities advocates, and funders to discuss the results from a recent survey of humanities and humanities-adjacent departments.

STAFF PRESENTATIONS

NextGen Humanities Conference

March 8, 2024 Little Rock, AR

Carl and Lily Pforzheimer Humanities Policy Fellow Maysan Haydar and Humanities Indictors Codirector Robert Townsend organized and presented at a session on "Humanities Degrees for Career Success."

National Humanities Alliance Annual Meeting

March 11, 2024 Washington, D.C.

The Indicators staff shared materials and recent publications at an exhibit booth and participated in conversations and sessions at the annual meeting of the National Humanities Alliance.

American Council of Learned Societies Annual Meeting

May 2–3, 2024 Philadelphia, PA

Members of the Indicators team participated in conversations and sessions at the annual meeting of the ACLS.

Society for Scholarly Publishing Annual Meeting

May 30, 2024 Boston, MA

Humanities Indicators Codirector **Robert Townsend** spoke on a panel about "The Humanities Crisis, What to Know (and Maybe What to Do)."

Society for History of the Early American Republic July 18, 2024 Philadelphia, PA

Robert Townsend spoke on the opening plenary panel "The Thrill of the Old; or, Reframing Research on Early America."

AP Council for Humanities Education

October 8, 2024 New York, NY

Robert Townsend presented on "The Health of the Humanities."

University of Illinois, Humanities Research Institute October 22, 2024 Virtual

Robert Townsend presented on recent findings from the Humanities Indicators, as part of the Institute's "Think Again..." series.

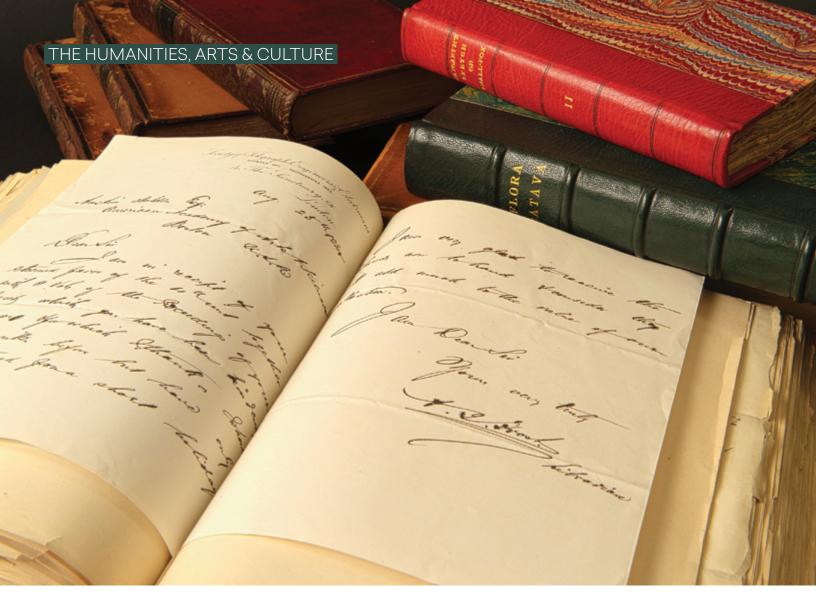
National Humanities Conference

November 14–15, 2024 Providence, RI

The Indicators staff shared materials and recent publications at an exhibit booth and **Robert Townsend** organized and presented data on the panel "Make the Case: Humanities Degrees for Career Success."

Modern Languages Association Strategic Partnership Network November 21, 2024 Virtual

Robert Townsend presented findings from recent survey research about the state of modern languages in higher education.



PROJECT

The History of the Academy Book Project

ooking ahead to its 250th anniversary in 2030, the Academy selected award-winning historian Jacqueline Jones (University of Texas at Austin) to write a one-volume account of the Academy's past. The anniversary history will provide a full and honest assessment of the Academy's activities and membership since its establishment in 1780, and place the Academy within the larger history of the nation it was created to serve.

Jacqueline (Jackie) Jones is a rare academic historian who writes for both the public and a peer scholarly

ADVISORY COMMITTEE

Catherine Allgor Massachusetts Historical Society

Craig Calhoun Arizona State University Daniel J. Cohen Northwestern University

Paula J. Giddings Smith College

David A. Hollinger University of California, Berkeley audience. Her work has been recognized with the Bancroft Prize, a MacArthur Fellowship, membership in the American Academy, and most recently the presidency of the American Historical Association. Her publications include Labor of Love, Labor of Sorrow: Black Women, Work, and the Family from Slavery to the Present; Saving Savannah: The City and the Civil War; A Dreadful Deceit: The Myth of Race from the Colonial Era to Obama's America; and No Right to an Honest Living: The Struggles of Boston's Black Workers in the Civil War Era.

Sally Gregory Kohlstedt University of Minnesota

David W. Oxtoby American Academy of Arts and Sciences

David M. Rubenstein The Carlyle Group **Ben Vinson III** Howard University

FUNDER

Jack, Joseph, and Morton Mandel Foundation

EXPLORATORY MEETING Center for Humanities Communication

September 6, 2024 House of the Academy, Cambridge, MA

At a March 2023 Academy meeting to mark the tenth anniversary of the Commission on the Humanities, two of the participants (**Christine Henseler**, Union College, and **Alan Liu**, University of California, Santa Barbara) proposed the formation of a Center for Humanities Communication, intended to help recognize, train, and support humanities communicators (similar to "science communicators") placed across a broad spectrum of organizations and media, and also to serve as a clearinghouse for information, training, and resources. This idea was discussed further during an Advisory Committee meeting for the Humanities, Arts, and Culture program area. On September 6, 2024, the Academy hosted a follow-up meeting to foster dialogue between leaders in the humanities and experts in science communication and related fields. Humanities scholars, science communicators, media professionals, and philanthropists participated in a roundtable discussion that focused on practical strategies and priorities. The participants addressed two key issues: how best to help the public understand and recognize that what they value is connected to the humanities, and how to improve the sharing of information between humanities organizations about ongoing research and public initiatives. The meeting concluded with a plan to continue developing the project in the future.

PROJECT STAFF

ORGANIZERS AND SESSION LEADERS

Maysan Haydar Carl and Lily Pforzheimer Humanities Policy Fellow

Robert B. Townsend Director, Humanities, Arts, and Culture Programs **Kath Burton** Routledge, Taylor & Francis

Anke Finger University of Connecticut, Storrs **Christine Henseler** Union College

Alan Liu University of California, Santa Barbara

FUNDERS

Academy Exploratory Fund National Endowment for the Humanities



Kath Burton (Routledge, Taylor & Francis) leads a conversation about how the humanities can develop training and professionalization opportunities for public communication.

Science, Engineering & Technology

he Academy's record of distinction in Science, Engineering, and Technology dates to its founding mission "to cultivate every art and science which may tend to advance the interest, honor, dignity, and happiness of a free, independent, and virtuous people." Rather than generate new scientific research, the role of the Academy has been uniquely interdisciplinary, bridging the social sciences and arts with the physical sciences to support a national understanding, belief, and trust in science and discovery. Perhaps no better example of this can be found than in the mid-1800s when the Academy hosted hotly contested debates about a new scientific theory – the theory of evolution.

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 than it is today. Global challenges increasingly require collaboration across disciplinary, professional, and national boundaries. Likewise, rapid advances in information processing and transmission raise new issues for the management of scientific knowledge and for action on new discoveries.

Fall 2024 • Bulletin of the American Academy of Arts & Sciences



ADVISORY COMMITTEE

Robert F. Higgins, Cochair Causeway Media Partners

Shirley Tilghman, Cochair Princeton University

Maya Ajmera Science News

Ken Alder Northwestern University

Nancy C. Andrews Boston Children's Hospital

Juan Enriquez Excel Venture Management

Efi Foufoula-Georgiou University of California, Irvine

Fred H. Gage Salk Institute for Biological Studies

Paula A. Johnson Wellesley College

James M. Manyika Google

David W. Oxtoby American Academy of Arts and Sciences

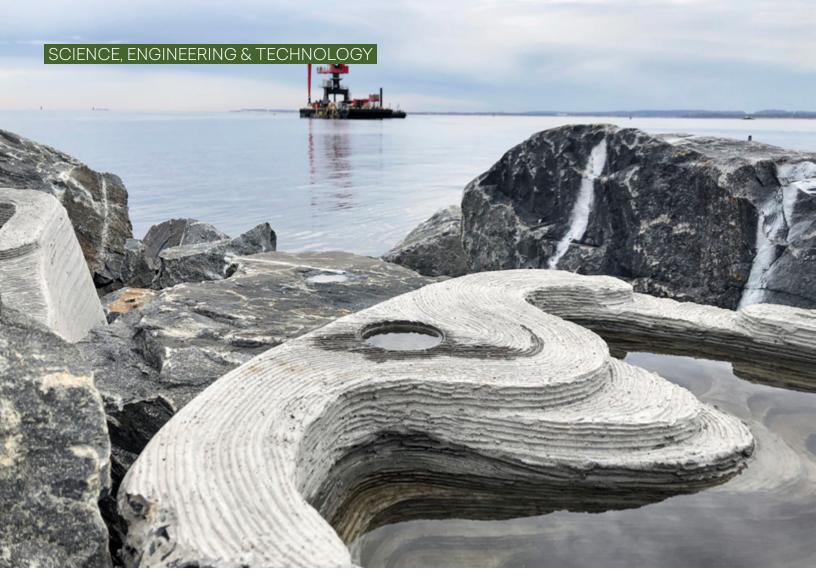
Joe Palca formerly, National Public <u>Radio</u>____

Mercedes Pascual University of Chicago

Peter L. Slavin Massachusetts General Hospital

ADVISORY COMMITTEE MEETINGS

August 23, 2023; December 6, 2023; March 28, 2024; August 14, 2024; November 13, 2024



PROJECT Commission on Accelerating Climate Action

The scientific consensus is clear: climate change is upon us, and its impacts will be devastating and increasingly difficult to prevent and address if we do not take action now. While most Americans express support for a broad array of climate policies and government action, a continued partisan divide has impeded the United States' efforts to craft a long-term plan for climate action. Recent legislative successes have begun to create momentum for change, yet the country still lacks a broad and politically durable coalition to ensure that progress does not stall. To address this challenge facing our global society, the Academy launched a project on climate action in September 2021.

Unlike other climate change studies, the Commission on Accelerating Climate Action did not produce or analyze climate science data, nor limit its recommendations to certain disciplines or economic sectors. Rather, the Commission leveraged the full toolkit of its broad membership to reveal unique and creative interdisciplinary solutions: novel, specific, targeted actions that, if taken, would dramatically alter the trajectory of U.S. action on climate change.

In fall 2023, the Commission published its recommendations in a consensus final report, Forging Climate Solutions: How to Accelerate Action Across America. The report offers five strategies and twenty-one recommendations for forging a climate blueprint and articulates how a whole-of-society commitment can emerge. These include prioritizing equity, fairness, and justice in climate action; engaging and educating; mobilizing investments; deploying strategic mitigation; and ensuring adaptation everywhere. Together, the strategies and recommendations detail how the private sector, frontline communities, government, and environmental groups convene to build infrastructure, reduce emissions, and prepare for the impacts of climate change, with justice as a guiding philosophy. The Commission's report outreach has prioritized reaching new audiences through briefings and presentations to share the whole-ofsociety approach.

COMMISSION CHAIRS

Mustafa Santiago Ali National Wildlife Federation; Revitalization Strategies

Christopher Field Stanford University

David G. Victor University of California, San Diego

Patricia Vincent-Collawn PNM Resources

COMMISSION MEMBERS

Benjamin Backer American Conservation Coalition

Phyllis L. Bayer Dumbarton Strategies, LLC

Mitchell Bernard Natural Resources Defense Council, Inc.

Philip Bredesen State of Tennessee; Silicon Ranch

Patricia Cochran Alaska Native Science Commission

Ertharin Cousin Food Systems for the Future

Mariano-Florentino Cuéllar Carnegie Endowment for International Peace **L. Kealoha Fox** Institute for Climate & Peace

Tim Guinee Climate Actors

Rebecca Henderson Harvard University

Mitchell C. Hescox Evangelical Environmental Network

Charles O. Holliday, Jr. Mission Possible Partnership

Russel L. Honoré Joint Task Force Katrina, Leadership, Safety & Global Preparedness Authority

Bob Inglis republicEn.org

Kathleen Hall Jamieson University of Pennsylvania

Alexander Karsner X (Alphabet Inc.)

Elizabeth Kolbert The New Yorker

John Paul Mejia Sunrise Movement

Katherine Orff SCAPE

David W. Oxtoby American Academy of Arts and Sciences Gary Roughead Hoover Institution

Linda Rudolph Public Health Institute; Medical Society Consortium on Climate and Health

Roger Sant The Summit Foundation

J. Marshall Shepherd University of Georgia

Doreen Stabinsky College of the Atlantic

Hilary Tompkins Hogan Lovells

Elke Weber Princeton University

PROJECT STAFF

Carson Bullock Hellman and Simons Fellow in Science and Technology Policy

Kate Carter Senior Program Officer for Science, Engineering, and Technology

Peter Robinson Chief Program Officer

Jennifer Smith Program Associate for Science, Engineering, and Technology

FORMER PROJECT STAFF

Sophia Charan Hellman Fellow for Science and Technology Policy

Leo Curran John E. Bryson Program Director for Science, Engineering, and Technology

Islam Qasem John E. Bryson Program Director for Science, Engineering, and Technology

Kelsey Schuch Hellman Fellow for Science and Technology Policy

Rebecca Tiernan Program Associate for Science, Engineering, and Technology

Amanda Vernon Program Officer for Science, Engineering, and Technology

FUNDERS

John E. Bryson and Louise Henry Bryson

Hansjörg Wyss

Bob Higgins

The Alfred P. Sloan Foundation

The Grantham Foundation for the Protection of the Environment

The David and Ellen Lee Family Foundation

William and Helen Pounds

Roger Sant and Doris Matsui

CONTINUED Commission on Accelerating Climate Action

COMMISSION PUBLICATIONS

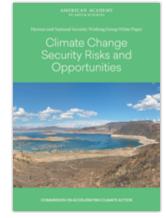


Forging Climate Solutions: How to Accelerate Action Across America (American Academy of Arts and Sciences, 2023)

Communication Working Group White Paper Proven Principles of Effective Climate Change Communication



Proven Principles of Effective Climate Change Communication (American Academy of Arts and Sciences, 2023)



Climate Change Security Risks and Opportunities (American Academy of Arts and Sciences, 2023)



Barriers to Private Sector Action (American Academy of Arts and Sciences, 2023)

COMMISSION MEETINGS

Report Launch: Forging Climate Solutions: How to Accelerate Action Across America October 24, 2023

Washington, D.C.

To celebrate the release of *Forging Climate Solutions: How* to Accelerate Action Across America, Laura Helmuth (*Scientific American*) moderated a panel discussion with the Commission's cochairs. The event offered a unique opportunity for the cochairs to reflect on their time working with a diverse group of climate experts and discuss a whole-of-society plan to combat the climate crisis. The event also marked the beginning of the Commission's outreach phase with government, industry, and nonprofit organizations.



Moderator Laura Helmuth (Scientific American), on the far left, in conversation with the Climate Commission cochairs (from left to right) Mustafa Santiago Ali, Christopher Field, David Victor, and Patricia Vincent-Collawn.



Commission cochair **Mustafa Santiago Ali** giving a keynote presentation at the annual meeting of the Medical Society Consortium on Climate & Health.

Meeting with Environmental Organizations

October 24, 2023 Washington, D.C.

Commission members gathered with representatives from environmental nongovernmental organizations, a foundational set of stakeholders in the climate movement. The attendees discussed the Commission's final report, *Forging Climate Solutions*.

American Geophysical Union Conference

December 12, 2023 San Fransico, CA

Commission cochair Christopher Field and Leo Curran, John E. Bryson Program Director for Science, Engineering, and Technology, presented the Commission's final report at the annual American Geophysical Union conference. The participants included climate change experts from academia, nongovernmental organizations, industry, and government.

Alaska Forum on the Environment February 5–9, 2024

Anchorage, AK

Commission cochair Mustafa Santiago Ali and Commission member Patricia Cochran spoke about the work of the Commission at the Alaska Forum on the Environment, the largest environmental conference in Alaska.

Medical Society Consortium on Climate & Health Annual Meeting February 11–12, 2024 Washington, D.C.

Commission cochair Mustafa Santiago Ali and Commission member Linda Rudolph spoke at the annual meeting of the Medical Society Consortium on Climate & Health. CONTINUED Commission on Accelerating Climate Action

Inspiring Collective Climate Action in California and Beyond February 13, 2024

Commission cochair **David Victor** spoke about the recommendations and final report at a meeting of local Academy members in San Diego, CA.

Annual Meeting of the American Association for the Advancement of Science

February 15–17, 2024 Denver, CO

San Diego, CA

At the 2024 Annual Meeting of the American Association for the Advancement of Science, members of the Academy staff and Commission member L. Kealoha Fox hosted a consensus-building workshop that used the Commission's final report as an example of how to manage consensus across diverse groups. Accelerating Climate Action Across America March 18, 2024 Rice University, Houston, TX

At a panel discussion hosted by Rice University and the Academy's Houston Program Committee, Commission cochairs Christopher Field and Patricia Vincent-Collawn, Academy President David Oxtoby, and member Robert Bullard discussed how to achieve ambitious and durable action on climate change. Academy member and Rice President Reginald DesRoches opened the program.

Panel at CERAWeek 2024 Conference

March 19, 2024 Houston, TX

As part of the CERAWeek 2024 Conference, Commission cochair David Victor moderated a panel discussion with his fellow cochairs Mustafa Santiago Ali, Christopher Field, and Patricia Vincent-Collawn and with Julien Perez, Strategy and Policy Vice President at the Oil and Gas Climate Initiative.



Academy staff **Carson Bullock** (left) and **Leo Curran** (right) with Commission member **L. Kealoha Fox** at a booth at the AAAS Annual Meeting.





Above: Patricia Vincent-Collawn, Christopher Field, Robert Bullard, and David Oxtoby at a program at Rice University on Accelerating Climate Action Across America.

Left: David Victor (far left) moderates a panel discussion with Patricia Vincent-Collawn, Christopher Field, Mustafa Santiago Ali, and Julien Perez at the CERAWeek conference.

Climate Conversation: Pathways to Action-Environmental Justice

April 26, 2024 Virtual

The Academy cohosted a seminar on environmental justice as part of the National Academies of Sciences, Engineering, and Medicine's monthly webinar series. The seminar featured the work of Commission member Hilary C. Tompkins.

Integrating Environmental Justice and Philanthropy: Lessons and Opportunities May 24, 2024

Virtual

The Commission organized a virtual panel discussion to connect environmental justice organizations nationwide with grantmakers who fund justice-focused climate action. The five-person panel, moderated by Commission cochair **Mustafa Santiago** Ali, discussed how a justice-centered approach to grantmaking addresses the disproportionate impact of climate change on marginalized communities and enhances the effectiveness and long-term impact of philanthropic investments.

SCIENCE, ENGINEERING & TECHNOLOGY



PROJECT

Mental Health in the Modern World

merica is suffering a mental health crisis, with up to 40 percent of Americans now living with a chronic mental health disorder. An ongoing provider shortage and poor insurance coverage mean that less than half receive treatment - and the rates are even lower for minority populations and those living in rural areas. Recognizing the significant physical, emotional, and societal consequences of untreated mental disorders, especially among youth and historically underrepresented populations, it is a high priority to understand the causes and find solutions to this epidemic. Technology may be both mental health's savior - and its downfall. Americans on average spend six hours a day consuming digital media, which has mixed effects of connecting communities and empowering the disenfranchised, while also increasing loneliness and creating powerful addictions. Technology can improve diagnosis and treatment through AI-assisted psychotherapy,

virtual reality exposure therapy, and behavioral tracking to identify mental distress. With 92 percent of Americans owning a smartphone, building access and increasing equity in health care is possible if significant concerns about coverage and privacy are addressed.

While many studies examine how social media impacts the mental health of children and young adults, these investigations cannot keep pace with the rate of technological change. It is important to acknowledge the significant societal changes that are already taking place. Systems in health care, education, and policy need tools and guardrails to support innovation and protect the most vulnerable groups in society.

The project on Mental Health in the Modern World will leverage the Academy's power to convene interdisciplinary groups to help identify key policy priorities that will advance the understanding and application of emerging technologies in mental health.

PROJECT CHAIRS

Paul Dagum Applied Cognition

Sherry Glied New York University

Alan Leshner American Association for the Advancement of Science (Emeritus)

STEERING COMMITTEE MEMBERS

Daniel Barron Brigham and Women's Hospital

Marian Croak Google

Alison Darcy WoeBot

Holly DuBois Avail Telemedicine

Henry T. Greely Stanford University

Eric Horvitz Microsoft Kacie Kelly Meadows Institute

Arthur Kleinman Harvard University

Jaron Lanier Microsoft

Robert Levenson University of California, Berkeley

Peter Slavin Massachusetts General Hospital

Sherry Turkle Massachusetts Institute of Technology

PROJECT STAFF

Carson Bullock Hellman and Simons Fellow in Science and Technology Policy

Kate Carter Senior Program Officer for Science, Engineering, and Technology

Peter Robinson Chief Program Officer

Jennifer Smith Program Associate for Science, Engineering, and Technology

PROJECT MEETINGS

Kick-off Meeting

June 25, 2024 House of the Academy, Cambridge, MA

Project cochairs Sherry Glied, Alan Leshner, and Paul Dagum met with members of the steering committee to discuss the vision and scope for the project.

Left to right: Kate Carter, Daniel Barron, Sherry Glied, Sherry Turkle, Kacie Kelly, David Oxtoby, Peter Robinson, Peter Slavin, Alan Leshner, and Carson Bullock.

Virtual Steering Committee Meeting August 12, 2024

Steering Committee members gathered virtually to discuss a workplan for equitable access to effective emerging technology in mental health. The participants discussed a variety of topics related to regulation and societal impacts.

Other Virtual Steering Committee Meetings

October 7, 2024; November 4, 2024; December 9, 2024



EXPLORATORY MEETING Mental Health & AI

March 11-12, 2024 House of the Academy, Cambridge, MA

The Academy convened an exploratory meeting on the risks and opportunities that artificial intelligence poses for measurement, diagnosis, treatment, and prevention of serious mental illness. The interdisciplinary group of participants discussed themes such as access, equity, ethics, and appropriate regulation.

MEETING CHAIRS

Paul Dagum

PROJECT STAFF

Carson Bullock **Applied Cognition** Program Associate for Science, Engineering, and Technology

Alan Leshner American Association for the Advancement of Science (Emeritus)

Kate Carter Senior Program Officer for Science, Engineering, and Technology



Alan Leshner and Paul Dagum, cochairs of the exploratory meeting on Mental Health & AI.

Leo Curran John E. Bryson Program Director for Science, Engineering, and Technology

Peter Robinson Chief Program Officer

Kelsey Schuch Hellman Fellow for Science and Technology Policy

Jennifer Smith Program Coordinator for Science, Engineering, and Technology

FUNDER

The Gordon and Betty **Moore Foundation**

Cross-Program Artificial Intelligence Advisory Committee

Working across the established program areas, the AI Advisory Committee advises the Academy on proposed events, projects, and publications related to AI. The committee helps determine optimal ways for the Academy

ADVISORY COMMITTEE

Anita LaFrance Allen, Chair University of Pennsylvania Law School

Marian Croak Google

Xuedong Huang Zoom Video Communications. Inc.

Tshilidzi Marwala United Nations University

Alondra Nelson Institute for Advanced Study

to engage members and outside experts to develop AIrelated policy recommendations for government, academia, nongovernmental organizations, and the private sector.

David W. Oxtoby American Academy of Arts and Sciences

Nathaniel Persily Stanford Law School

Sherry Turkle Massachusetts Institute of Technology

Jeannette M. Wing Columbia University

AI ADVISORY COMMITTEE MEETINGS

January 16, 2024; June 17, 2024; October 16, 2024

PROGRAMMATIC IMPACT

The Academy's strategic priorities include improving the impact of the Academy's work and raising the visibility of the institution with external audiences. These audiences vary and have included policymakers at the federal, state, and local level; leaders in philanthropy, higher education, nonprofit organizations, and business; scholars and students; advocacy groups; professional groups and practitioners; and the public.

here are three ways in which Academy projects seek to have impact. One is by informing the debate or discussion. Measures of success in this area include reach (for example, website visits, publication downloads, and hard copies of publications distributed); earned media (such as citations, interviews, and op-eds); use of the project's work in education or training; citations in legislative activity; references in scholarly publications and in meeting materials; briefings and events with key audiences; and testimonials.

A second way in which projects can be impactful is by supporting advocacy organizations and influential individuals who can advance the recommendations and solutions offered by Academy projects. Indicators of success include convenings that advance a project's recommendations; advocacy organizations using or citing Academy work in their outreach to policymakers or other decision-makers; and endorsements of Academy recommendations with letters or calls to action.

A third way the Academy seeks to have impact is by helping catalyze the implementation of new policies, practices, programs, or investment. Impact in this area may be difficult to connect to the Academy's work because it could take years to realize and may be the result of joint efforts by many contributors. Where appropriate, the Academy may be positioned to take a more direct role in incubating or piloting new initiatives or lining up a partner institution to do so.

What follows is an overview of how each program area is approaching impact and some highlights of project impact in 2024.

AMERICAN INSTITUTIONS, SOCIETY & THE PUBLIC GOOD

In the fall of 2023, the Commission on Reimagining Our Economy (CORE) released its final report, *Advancing a People-First Economy*, a county-level data dashboard, the CORE Score, and a photojournal, *Faces of America*:

Getting By in Our Economy. In 2024, Commission members, Academy leadership, and staff conducted extensive outreach to connect with key audiences. This included briefings with researchers and policymakers at eight of the twelve regional Federal Reserve Banks and the Division of Consumer & Community Affairs at the Board of Governors of the Federal Reserve System; the White House Council of Economic Advisors; Democratic and Republic lawmakers and staff from over forty House and Senate offices; and state officials, including the Lieutenant Governor of Indiana and Wisconsin lawmakers. The Commission's work has been featured in several media outlets, including The Wall Street Journal, The New York Times, The Hill, Bloomberg, and The New Republic. The Commission convened two working groups to follow up on its recommendations: one on economic connectedness, which released a website that offers guiding questions for community leaders and citizens and also features case studies that are fostering cross-class relationships, and another on community partnership visas, which will publish its report in early 2025. The Commission engaged with Academy members at events in Palo Alto, Los Angeles, Ann Arbor, and Madison, and featured the photos from Faces of America at several events around the country.

The Our Common Purpose (OCP) project's follow-up report, *The Case for Supreme Court Term Limits*, received media coverage in *The Washington Post*, Reuters, and *Forbes*, and was featured in numerous briefings with members of Congress and staff from both parties, including Senate Judiciary Committee staff and the office of the Senate Minority Leader. In June, the Academy hosted a panel discussion in Washington, D.C., with Diane Wood (American Law Institute), Stephen McAllister (University of Kansas School of Law), and Sarah Binder (George Washington University; Brookings Institution), moderated by Kimberly Atkins Stohr (*The Boston Globe*), that addressed the constitutionality and practicality of Supreme Court term limits. The attendees included Academy members and congressional staff.

One of the recommendations in the OCP report is to create a universal expectation of service. In partnership with America's Service Commissions and California Volunteers, the Academy conducted a national service public opinion poll to understand the motivations and barriers for young Americans to participate in a year of service. Results from this research informed datadriven recommendations to help state service commissions improve recruitment for national service programs. The results were shared in briefings with state service commission leaders and AmeriCorps and cross-agency federal leadership, and at a public event in July organized with CalVolunteers and America's Service Commissions. The event featured OCP Commission members Lisa García Bedolla (University of California, Berkeley) and Pete Peterson (Pepperdine University); service leaders Kristen Bennett (Service Year Alliance) and Kaira Esgate (America's Service Commissions); and public sector leaders from California Goodwin Liu (Supreme Court of California), Josh Fryday (Office of the Governor of California), and Doris Matsui (U.S. House of Representatives, California's 7th District).

In 2024, the Our Common Purpose project helped pave the way for the launch of the Trust for Civic Life, a new philanthropic initiative inspired by one of the project's recommendations. The Trust supports rural programs that strengthen community bonds, civic engagement, and everyday democracy. Launched with over \$25 million in funding from six funding partners and five learning partners, the Trust is bringing together a diverse set of national philanthropies.

The Academy's Making Justice Accessible project hosted a summit in March that convened sixty-two participants from across the country, representing civil justice, philanthropy, government, corporate social purpose, advocacy and reform, scholarship, and nonprofit public interest. Advisory Committee Cochairs Martha Minow (Harvard Law School) and John Levi (Legal Services Corporation; Sidley Austin LLP) led the Summit, which highlighted various initiatives and strategies for addressing access to justice issues in and beyond the courthouse, and demonstrated the numerous ways to integrate civil justice efforts within communities to strengthen peoplecentered outcomes. In December, the Academy released a new report, Achieving Civil Justice: A Framework for Collaboration, that describes promising developments underway to increase access to civil justice through a broader civil justice workforce and the adoption of new technologies. The report also emphasizes the importance of new

investments to expand and complement legal aid and new networks of organizations delivering civil justice support to Americans. The project and report were featured at the National Legal Aid & Defenders Association Equal Justice Conference in May and the Self-Represented Litigation Network's meeting in September.

EDUCATION

A new Commission on Opportunities After High School launched this year. The Commission discussed questions about audience and impact at its meetings in May and November and in the discussions of working groups focused on reimagining post-secondary education, reimagining K-12 education, and the future of work and society. The Commission is conducting listening sessions with key stakeholders, including high school students; high school administrators, counselors, and teachers; college students; college administrators and faculty; high school graduates not enrolled in college; employers; parents; and other community-based, youth-serving organizations. In 2024, the sessions were held in Dallas, TX, Aurora, CO, Philadelphia, PA, Bismarck, ND, Indianapolis, IN, and Los Angeles, CA.

In March, the Academy released a white paper, *Leading for a Future of Higher Education Equity: Transforming Supreme Court Challenges into Opportunities for Positive Change*, that summarizes findings from a 2023 exploratory meeting. The white paper was distributed to leaders of the Academy's Affiliate institutions. In April, the Academy reconvened the exploratory meeting participants and other leaders in higher education to discuss progress on their campuses in supporting equity in a changed legal context.

In June, the Academy held its annual Forum on Higher Education in Aspen, CO. More than one hundred higher education experts and leaders attended, including university presidents, provosts, and academic deans from many of the Academy's Affiliate institutions. Panel topics included the future of work, speech on campus and beyond, the changing political landscape, the health of our communities, artificial intelligence in our world, and science innovation on campuses.

GLOBAL SECURITY & INTERNATIONAL AFFAIRS

The Promoting Dialogue on Arms Control and Disarmament project, chaired by Steven Miller (Harvard University), continued its work to foster strategic and Track II dialogues between U.S. and Chinese experts and between U.S. and Russian experts and to produce publications on critical debates within nuclear arms control.

In January, the Academy and the Carnegie Endowment for International Peace cohosted a roundtable discussion that focused on the Academy publication, *Missile Defense and the Strategic Relationship among the United States, Russia, and China.* Tong Zhao (Carnegie Endowment for International Peace), one of the authors in the publication, shared key points from his essay on "Managing the Impact of Missile Defense on U.S.-China Strategic Stability." Participants included policymakers, practitioners, and academics, and the discussion focused on China's concerns over U.S. missile defense, as well as measures that both the United States and China can take to improve bilateral strategic relations.

In May, the Academy partnered with the Shanghai Academy of Social Sciences and Managing the Atom at Harvard Kennedy School to convene a U.S.-China Track II dialogue in Shanghai. The dialogue brought together thirty U.S. and Chinese experts, leading scholars on arms control, and former senior officials. American experts briefed Nicholas Burns, Academy member and U.S. Ambassador to China, and officials at the U.S. State Department.

In December, the Academy and Managing the Atom convened experts from the United States, Russia, Ukraine, other countries in Europe, China, and India for a Track II dialogue focused on the European security order during and beyond the war in Ukraine. Sessions focused on the challenges of envisioning a postwar order, potential diplomatic paths to ending the war, the role of third-party states, domestic factors shaping war policy in each country (or region), the impact of the war on managing a multipolar nuclear world, how the war is affecting national security agendas, and coping with multiple wars, including the expanding Middle East conflict.

THE HUMANITIES, ARTS & CULTURE

The Humanities Indicators continue to be an important resource for media and scholarly discussions on the state of the humanities. The Indicators were cited this year over fifty times in a wide range of media, including USA Today, The New York Times, CNN, The Boston Globe, Bloomberg, The Globe and Mail, Chicago Tribune, Inside Philanthropy, Axios, The Chronicle of Higher Education, Inside Higher Ed, Ann Arbor Observer, Fordham News, The Daily Princetonian, and Cincinnati Public Radio WVXU. The Indicators were also cited in ten books published in 2024 and were discussed at national conferences, such as the National Humanities Conference, the American Historical Association Conference, a Next Generation Humanities Conference in Little Rock, and the annual meeting of the National Humanities Alliance. They were also presented at meetings at Princeton University, the Catholic University of America, George Mason University, University of California, Riverside, the Society for Scholarly Publishing, and the Society for History on the Early American Republic.

In partnership with the American Association of Colleges & Universities, the Academy hosted an exploratory meeting in September to develop further the idea for a "Center for Humanities Communication" that would draw on best practices from other fields to better articulate the value of the humanities and serve as a clearinghouse for information, training, and resources. The idea for the Center emerged during an Academy event in March 2023 marking the tenth anniversary of the publication of *The Heart of the Matter* report.

SCIENCE, ENGINEERING & TECHNOLOGY

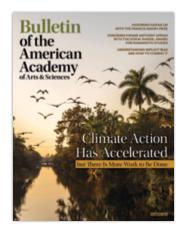
Since the launch of the Commission on Accelerating Climate Action's final report, Forging Climate Solutions, members of the Commission and Academy staff have held briefings with representatives from the Environmental Protection Agency, Office of Science and Technology Policy, and thirty-five congressional offices (split evenly between Democrats and Republicans). The Commission also engaged with the National Governors Association. By the conclusion of the project in June, Commission members had participated in twelve outreach events, including COP28, the American Geophysical Union conference, the CERAWeek conference, the annual meeting of the Medical Society Consortium, a meeting of the Alaska Forum on the Environment, the annual meeting of the American Association for the Advancement of Science, a conference of the Edison Electric Institute, a philanthropy workshop with the CLEO Institute, and a joint webinar with the National Academies of Sciences, Engineering, and Medicine on environmental justice. The Commission was also featured at Academy member events in Houston, San Diego, and Ann Arbor.

ACADEMY PUBLICATIONS

ISSUED QUARTERLY

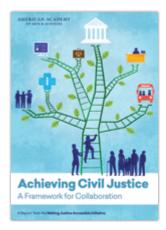


Dædalus, the Journal of the American Academy of Arts and Sciences (an open access journal)



Bulletin of the American Academy of Arts and Sciences

PUBLISHED RECENTLY LISTED IN REVERSE CHRONOLOGICAL ORDER

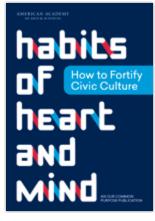


Achieving Civil Justice: A Framework for Collaboration (2024)

Habits of Heart and Mind: How to Fortify Civic Culture (2024)

"The Global Quest for Educational Equity," *Dædalus*, edited by James A. Banks (2024)

"The Future of Free Speech," *Dædalus*, edited by Lee C. Bollinger and Geoffrey R. Stone (2024)



"Advances and Challenges in International Higher Education," *Dædalus***, edited by Wendy Fischman, Howard Gardner, and William C. Kirby (2024)**

"Understanding Implicit Bias: Insights and Innovations," *Dædalus*, edited by Goodwin Liu and Camara Phyllis Jones (2024)

Leading for a Future of Higher Education Equity: Transforming Supreme Court Challenges into Opportunities for Positive Change (2024)



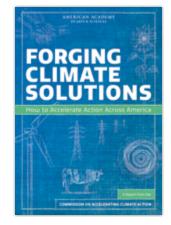
From Matriculation to Completion: How Do Humanities Majors Compare? (2024)

Tracking the Health of the Humanities at HBCUs (2024)

The Future of Nuclear Arms Control and the Impact of the Russia-Ukraine War, Nadezhda Arbatova, George Perkovich, and Paul van Hooft (2024)

Advancing a People-First Economy (2023)

Face of America: Getting By in Our Economy (2023)



The Case for Supreme Court Term Limits (2023)

Forging Climate Solutions: How to Accelerate Action Across America (2023)

Proven Principles of Effective Climate Change Communication (2023)

Barriers to Private Sector Action (2023)

Climate Change Security Risks and Opportunities (2023)

Employment Outcomes for Humanities Majors: State Profiles (2023)





The Altered Nuclear Order in the Wake of the Russia-Ukraine War, Rebecca Davis Gibbons, Stephen Herzog, Wilfred Wan, and Doreen Horschig (2023)

Missile Defense and the Strategic Relationship among the United States, Russia, and China, Tong Zhao and Dmitry Stefanovich (2023)

Minimizing the Negative Effects of Advances in Military-Relevant Space Capabilities on Strategic Stability, Nancy W. Gallagher and Jaganath Sankaran (2023)

"Mental Health," *Dædalus*, edited by Arthur Kleinman (2023)

"Language & Social Justice in the United States," *Dædalus*, edited by Walt Wolfram, Anne H. Charity Hudley, and Guadalupe Valdés (2023)

"Delivering Humanitarian Health Services in Violent Conflicts," *Dædalus*, edited by Jaime Sepúlveda, Jennifer M. Welsh, and Paul H. Wise (2023)

"Creating a New Moral Political Economy," *Dædalus*, edited by Margaret Levi and Henry Farrell (2023)

The Fragile Balance of Terror: Deterrence in the New Nuclear Age, edited by Vipin Narang and Scott D. Sagan (Cornell University Press, 2023)





The Progressing Proposal for An International Anti-Corruption Court, Mark L. Wolf, Richard Goldstone, and Robert I. Rotberg (2022)

"Institutions, Experts & the Loss of Trust," *Dædalus*, edited by Henry E. Brady and Kay Lehman Schlozman (2022)

"The Humanities in American Life: Transforming the Relationship with the Public," *Dædalus*, edited by Carin Berkowitz, Norman Bradburn, and Robert B. Townsend (2022)

"AI & Society," *Dædalus*, edited by James Manyika (2022)

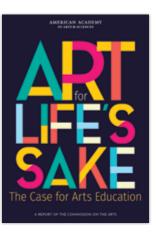
"Reimagining Justice: The Challenges of Violence & Punitive Excess," *Dædalus*, edited by Bruce Western (2022)

Peace Operations at the Intersection of Health Emergencies and Violent Conflict: Lessons from the 2018–2020 DRC Ebola Crisis, Dirk Druet (2022)

International Cooperation Failures in the Face of the COVID-19 Pandemic: Learning from Past Efforts to Address Common Threats, Jennifer M. Welsh (2022)

State of the Humanities 2022: From Graduate Education to the Workforce (2022)

Global Connections: Emerging Science Partners (2022)



Nuestro propósito común: La reinvención de la democracia estadounidense para el siglo xxi (2022)

The Case for Enlarging the House of Representatives, Lee Drutman, Jonathan D. Cohen, Yuval Levin, and Norman J. Ornstein (2021)

State of the Humanities 2021: Workforce & Beyond (2021)

Art Is Work: Policies to Support Creative Workers (2021)

Art for Life's Sake: The Case for Arts Education (2021)

Measuring Civil Justice for All: What Do We Know? What Do We Need to Know? How Can We Know It? (2021)

Nuclear Perils in a New Era: Bringing Perspective to the Nuclear Choices Facing Russia and the United States, Steven E. Miller and Alexey Arbatov (2021)

"Good Enough" Governance: Humility and the Limits of Foreign Intervention in Response to Civil Wars and Intrastate Violence, Karl Eikenberry and Stephen D. Krasner (2021)

"Water Security in Africa in the Age of Global Climate Change," *Dædalus*, edited by Allen Isaacman, Muchaparara Musemwa, and Harry Verhoeven (2021)



"The Administrative State in the Twenty-First Century: Deconstruction and/or Reconstruction," *Dædalus*, edited by Mark Tushnet (2021)

"Immigration, Nativism & Race in the United States," *Dædalus*, edited by Douglas S. Massey (2021)

"**On the Novel,**" *Dædalus*, edited by Michael Wood (2021)

Bold Ambition: International Large-Scale Science (2021)

America and the International Future of Science (2020)

The Humanities in American Life: Insights from a Survey of the Public's Attitudes and Engagement (2020)

Home with the Humanities: American Engagement During the Pandemic (2020)

The State of the Humanities in Four-Year Colleges and Universities: A Summary of Findings (2020)

The Perils of Complacency: America at a Tipping Point in Science & Engineering (2020)

Civil Justice for All (2020)

The Public Face of Science in America: Priorities for the Future (2020)

Our Common Purpose: Reinventing American Democracy for the 21st Century (2020)

ACADEMY PUBLICATIONS

The Public Face of Science Across the World Optimism and Innovation in an Era of Reservations and Inequality



"Witnessing Climate Change," *Dædalus*, edited by Nancy L. Rosenblum (2020)

"Religion & Democracy," *Dædalus*, edited by Robert Audi (2020)

"Meeting the Challenges of a New Nuclear Age," *Dædalus*, edited by Robert Legvold and Christopher Chyba (2020)

"Women & Equality," *Dædalus*, edited by Nannerl O. Kechane and Frances McCall Rosenbluth (2020)

The Political and Civic Engagement of Immigrants, Caroline Brettell (2020)

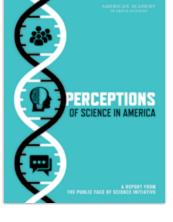
The Data Driving Democracy, Christina Couch (2020)

The Internet and Engaged Citizenship, David Karpf (2019)

Contemplating Strategic Stability in a New Multipolar Nuclear World, Robert Legvold (2019)

The Public Face of Science Across the World: Optimism and Innovation in an Era of Reservations and Inequality, Matthew C. Nisbet and Erik C. Nisbet (2019)

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



Lessons from the Clean Air Act: Building Durability and Adaptability into U.S. Climate and Energy Policy, edited by Ann Carlson and Dallas Burtraw (2019)

"Improving Teaching: Strengthening the College Learning Experience," *Dædalus*, edited by Sandy Baum and Michael McPherson (2019)

"Inequality as a Multidimensional Process," Dædalus, edited by Michèle Lamont and Paul Pierson (2019)

"Why Jazz Still Matters," *Dædalus*, edited by Gerald Early and Ingrid Monson (2019)

"Access to Justice," *Dædalus*, edited by Lincoln Caplan, Lance Liebman, and Rebecca Sandefur (2019)

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

The Humanities in Our Lives (2019)

Encountering Science in America (2019)

Perceptions of Science in America (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 (2018)

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

The State of the Humanities 2018: Graduates in the Workforce & Beyond (2018)

"Science & the Legal System," *Dædalus*, edited by Shari Seidman Diamond and Richard O. Lempert (2018)

"Anticorruption: How to Beat Back Political & Corporate Graft," *Dædalus*, edited by Robert I. Rotberg (2018)

"Unfolding Futures: Indigenous Ways of Knowing for the Twenty-First Century," *Dædalus*, edited by Philip J. Deloria, K. Tsianina Lomawaima, Bryan McKinley Jones Brayboy, Mark N. Trahant, Loren Ghiglione, Douglas Medin, and Ned Blackhawk (2018)



"Ending Civil Wars: Constraints & Possibilities," *Dædalus*, edited by Karl Eikenberry and Stephen D. Krasner (2018)

The Future of Undergraduate Education, The Future of America (2017)

Policies and Practices to Support Improving Undergraduate Teaching, Aaron Pallas, Anna Neumann, and Corbin Campbell (2017)

The Economic Impact of Increasing College Completion, Sophia Koropeckyj, Chris Lafakis, and Adam Ozimek, Moody's Analytics (2017)

Undergraduate Financial Aid in the United States, Judith Scott-Clayton (2017)

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

MEMBER EVENTS

The Academy holds virtual events as well as in-person events around the country and the world that bring members, representatives of the Affiliates, and others together to explore topics of national and global concern.

IN-PERSON AND HYBRID MEETINGS

ARIZONA

September 11, 2023 University of Arizona Biosphere 2, Oracle

Arizona Program Committee Luncheon*

October 8, 2024 Arizona State University

Arizona Members' Convening: Opportunities and Challenges for Arizona

FEATURED SPEAKER: Michael Crow (Arizona State University); **INTRODUCTION:** Osvaldo Sala (Arizona State University)

CALIFORNIA

February 13, 2024 University of California, San Diego and Virtual

Inspiring Collective Climate Action in California and Beyond*

FEATURED SPEAKER: David Victor (University of California, San Diego); **INTRODUCTION:** M. Margaret McKeown (U.S. Court of Appeals for the Ninth Circuit); Susan Taylor (University of California, San Diego School of Medicine)

February 27, 2024 Menlo Park, CA

The Geography of American Opportunity

FEATURED SPEAKERS: Reid Hoffman (Greylock Partners); Goodwin Liu (Supreme Court of California); Katherine Newman (University of California, Berkeley); **MODERATOR:** Michael Tubbs (End Poverty in California)



Vamsi Mootha (Harvard University) and Jonas C. Peters (California Institute of Technology) at a member gathering in the galleries of the Getty Center in Los Angeles on March 3, 2024.

March 3, 2024 The Getty Center, Los Angeles, CA

Los Angeles Arts and Culture* A Morton L. Mandel Conversation

FEATURED SPEAKERS: Katherine E. Fleming (J. Paul Getty Trust); Michael Govan (Los Angeles County Museum of Art); Sandra Jackson-Dumont (Lucas Museum of Narrative Art); CLOSING REMARKS: Louise Bryson (Public Media Group of Southern California)

May 1, 2024 University of California, San Diego

San Diego Program Committee Planning Luncheon*

*Activity of a Local Program Committee or Representative

September 26, 2024 University of California, Santa Barbara

Santa Barbara Members' Reception

FEATURED SPEAKER: David W. Oxtoby (American Academy of Arts and Sciences)

October 17, 2024 San Francisco, CA

Faces of the California Economy

FEATURED SPEAKERS: Tani Cantil-Sakauye (Public Policy Institute of California); Don Howard (Irvine Foundation); Goodwin Liu (Supreme Court of California); Adam Perez (Los Angeles, CA)

October 24, 2024 University of California, San Diego

San Diego Discussion and Reception: Health and Our Oceans

FEATURED SPEAKER: Kimberly Ann Prather (University of California, San Diego); **INTRODUCTION:** Susan Taylor (UC San Diego School of Medicine); Margaret Leinen (University of California, San Diego)

October 27, 2024 University of Southern California

Los Angeles Members' Reception and Discussion: Narratives of the Economy

FEATURED SPEAKERS: Viet Thanh Nguyen (University of Southern California); Manuel Pastor (University of Southern California); Kyla Scanlon (Author); **MODERATOR:** Goodwin Liu (Supreme Court of California); **INTRODUCTION:** Geoffrey Cowan (University of Southern California Annenberg School for Communication and Journalism); Carol Folt (University of Southern California)

COLORADO

June 10–13, 2024 Aspen, CO

Higher Education Forum, 2024

FEATURED SPEAKERS: Gilda Barabino (Olin College of Engineering); Sandy Baum (Urban Institute); Michael Bennett (Northeastern University); David Campbell (Notre Dame University); Cecilia Conrad (Lever for Change); Katherine Cramer (University of Wisconsin - Madison); Michael Crow (Arizona State University); Sean Decatur (American Natural History Museum); David DeSwert (Smith College); Alain-Philippe Durand (University of Arizona); Susan Dynarski (Harvard University); Adam Falk (Alfred P. Sloan Foundation); Kealoha Fox (Institute for Climate and Peace); Joan Gabel (University of Pittsburgh); Howard Gillman (University of California, Irvine); Jonathan Haidt (New York University); Sara Hebel (Open Campus); Fiona Hill (Brookings Institution); Xuedong Huang (Zoom); Kaye Husbands Fealing (Georgia Institute of Technology); Rishi Jaitly (Virginia Tech); John King (State University of New York); Bridget Terry Long (Harvard University); Jon Marcus (The Hechinger Report); Steven McLaughlin (Georgia Institute of Technology); Michael McPherson (Spencer Foundation, Emeritus); Angela Olinto (Columbia University); David Oxtoby (American Academy of Arts and Sciences); Lynn Pasquerella (American Association of Colleges and Universities); Avis Proctor (William Rainey Harper College); Francesca Purcell (Harvard University); L. Song Richardson (Colorado College); Elizabeth Simmons (University of California, San Diego); Blanton Tolbert (Howard Hughes Medical Institute; University of Pennsylvania); Frances Ward-Johnson (North Carolina Agricultural and Technical State University); Sisi Wei (The Markup); Ben Wildavsky (University of Virginia); Teresa Woodruff (Michigan State University)



Members and guests enjoy a reception and dinner at the Cosmos Club in Washington, D.C., to celebrate the launch of Forging Climate Solutions: How to Accelerate Climate Action Across America.

CONNECTICUT

October 16, 2023 Yale University

The Battle Over the Israeli Judiciary*

FEATURED SPEAKERS: Moshe Halbertal (New York University); Isabela Mares (Yale University); Samuel Moyn (Yale University)

March 26, 2024 Yale University

Amory Prize Presentation to Haifan Lin*

FEATURED SPEAKERS: Nancy Brown (Yale School of Medicine); Haifan Lin (Yale School of Medicine); INTRODUCTION: Peter Salovey (Yale University)

DISTRICT OF COLUMBIA

October 23, 2023 Washington, D.C.

Dinner to Celebrate the Commission on Accelerating Climate Action's Report Launch

FEATURED SPEAKER: James Marshall Shepherd (University of Georgia)

October 24, 2023 Washington, D.C. and Virtual

Report Launch of Forging Climate Solutions: How to Accelerate Action Across America

FEATURED SPEAKERS: Mustafa Santiago Ali (National Wildlife Federation; Revitalization Strategies); Christopher Bower Field (Stanford Woods Institute for the Environment); Kealoha Fox (Institute for Climate & Peace); David G. Victor (University of California, San Diego); Patricia Vincent-Collawn (PNM Resources); **MODERATOR:** Laura Helmuth (*Scientific American*)

June 27, 2024 Washington, D.C.

Supreme Court Term Limits: Rethinking Life Tenure on a Divided Court

FEATURED SPEAKERS: Sarah A. Binder (George Washington University; Brookings Institution); Stephen McAllister (University of Kansas); Diane P. Wood (American Law Institute); **MODERATOR:** Kimberly Atkins Stohr (*The Boston Globe*)



Academy members and guests listen to a presentation from **Tara Zahra** (University of Chicago) entitled "Anti-Globalism's Past and Present," which was held as a Jonathan F. Fanton lecture at the University of Chicago's David M. Rubenstein Forum on March 20, 2024.

ILLINOIS

March 20, 2024 University of Chicago and Virtual

Anti-Globalism's Past and Present* A Jonathan F. Fanton Lecture

FEATURED SPEAKER: Tara Zahra (University of Chicago); **INTRODUCTION:** John Mark Hansen (University of Chicago)

MASSACHUSETTS

August 30, 2023 House of the Academy, Cambridge, MA

Local Fellows' Luncheon

September 29, 2023 Cambridge, MA

2023 Induction: Opening Celebration Annual David M. Rubenstein Lecture

FEATURED SPEAKERS: Shelia Johnson (Salamander Hospitality); John Lithgow (Actor, Author); David M. Rubenstein (The Carlyle Group)

September 30, 2023 Cambridge, MA

2023 Induction Ceremony

FEATURED SPEAKERS: Kerwin Charles (Yale University); Oskar Eustis (The Public Theater); Katharine Hayhoe (The Nature Conservancy; Texas Tech University); Maja Matarić (University of Southern California); Abraham Verghese (Stanford School of Medicine)

October 11, 2023 House of the Academy, Cambridge, MA

Local Fellows' Luncheon

October 17, 2023 House of the Academy, Cambridge, MA and Virtual

Becoming Interplanetary and Action for Spaceship Earth *A Morton L. Mandel Conversation*

FEATURED SPEAKER: Dava Newman (MIT Media Labs)

October 25, 2023 Boston, MA and Virtual

The Legislative Path to Supreme Court Reform *Cohosted with the Edward M. Kennedy Institute for the United States Senate*

FEATURED SPEAKERS: Akhil Amar (Yale University); Charles Fried (Harvard University); Gabe Roth (Fix the Court); Kimberly Atkins Stohr (*The Boston Globe*); **MODERATOR:** Patti Saris (United States District Court, District of Massachusetts)

November 15, 2023 Boston, MA

Members' Reception at ICA Boston

FEATURED SPEAKER: Jill Medvedow (Institute of Contemporary Art)

December 1, 2023 House of the Academy, Cambridge, MA

Luncheon Discussion Featuring Cornell William Brooks

FEATURED SPEAKERS: Cornell William Brooks (Harvard University); Ann Fudge (Young & Rubicam Brands)

December 14, 2023 House of the Academy, Cambridge, MA

Winter Concert featuring The Balourdet Quartet

FEATURED SPEAKERS AND PERFORMERS: Angela

Bae (Balourdet Quartet); Lynn W. Chang (Boston Conservatory at Berklee); Justin DeFilippis (Balourdet Quartet); Russell Houston (Balourdet Quartet); Benjamin Zannoni (Balourdet Quartet)

February 15, 2024 House of the Academy, Cambridge, MA

A Conversation on Seeing Others with Michèle Lamont

FEATURED SPEAKER: Michèle Lamont (Harvard University)

April 18, 2024 House of the Academy, Cambridge, MA

Program Honoring Anthony Appiah & Dinner Celebrating David W. Oxtoby

FEATURED SPEAKERS: Kwame Anthony Appiah (New York University); Margaret Sullivan (Columbia Journalism School); INTRODUCTION: Henry Louis Gates, Jr. (Harvard University)



Margaret Sullivan (Columbia Journalism School) and Henry Louis Gates, Jr. (Harvard University) connect at the program honoring Anthony Appiah with the Don M. Randel Award for Humanistic Studies at the House of the Academy in Cambridge on April 18, 2024.

MEMBER EVENTS, 2023-2024

Induction 2024

Induction Weekend 2024 began with an Opening Celebration on Friday evening featuring the first Legacy Recognition Honorees, a performance led by new member bassist Rodney Whitaker, and the Annual David M. Rubenstein Conversation with Grant Hill, a new member, basketball hall-of-famer, and philanthropist.

The Open House at the Academy on Saturday morning offered a breakfast reception for new members to meet one another, brief presentations by Academy leaders, and small group conversations spanning disciplines and institutions.

At the afternoon Induction Ceremony in Sanders Theatre, new members learned about the traditions of membership, heard a featured speaker from each class (see page 76 for a list of the speakers), and signed the Book of Members. Following the ceremony, members and guests enjoyed a celebratory reception.

> On Sunday morning, members and guests gathered at the House of the Academy for a closing event that featured a presentation by new member André Fenton about the science and stimuli of memory, followed by a conversation with Academy President-Elect Laurie L. Patton.

> > Whitaker played his composition "John Lewis" (named for the jazz musician), which he wrote as "a prayer for the nation, a mediation on ancestors like Malcolm X, Martin Luther King, Sojourner Truth, and Harriet Tubman and what they must have had on their minds in the struggle for freedom, equality, and justice."











PROJECTS, PUBLICATIONS & MEETINGS 75

September 20, 2024 Cambridge, MA

2024 Induction Opening Celebration Annual David M. Rubenstein Lecture

FEATURED SPEAKERS: Johanna Drucker (University of California, Los Angeles); Kevin Harris (Rodney Whitaker Trio); Grant Hill (Hill Ventures, Inc.); Paula D. McClain (Duke University); Angela Onwuachi-Willig (Boston University Law School); David M. Rubenstein (The Carlyle Group); Neil Smith (Rodney Whitaker Trio); Robert Warrior (University of Kansas); Rodney Whitaker (Michigan State University)

September 21, 2024 Cambridge, MA

2024 Induction Ceremony

FEATURED SPEAKERS: Cecilia Conrad (Lever for Change); Charles Gammie (University of Illinois Urbana-Champaign); Daniel Ho (Stanford University); Jhumpa Lahiri (Barnard College); Helene Muller-Landau (Smithsonian Tropical Research Institute)

September 22, 2024 House of the Academy, Cambridge, MA

2024 Induction Closing Program: Memory Is About Your Future– What We Think We Become

FEATURED SPEAKERS: André Fenton (New York University); Laurie L. Patton (Middlebury College)

October 16, 2024 House of the Academy, Cambridge, MA and Virtual

Rebuilding Trust in Science *A Morton L. Mandel Conversation*

FEATURED SPEAKERS: Sean Decatur (American Museum of Natural History); Naomi Oreskes (Harvard University); **MODERATOR:** Holden Thorp (American Association for the Advancement of Science); **INTRODUCTION:** Shirley Mahaley Malcolm (American Association for the Advancement of Science); **CLOSING REMARKS:** Cristine Russell (Harvard Kennedy School)



Induction 2024 class speakers: Daniel Ho (Stanford University); Jhumpa Lahiri (Barnard College); Charles Gammie (University of Illinois Urbana-Champaign); Cecilia Conrad (Lever for Change); and Helene Muller-Landau (Smithsonian Tropical Research Institute)



Incoming Academy President Laurie L. Patton (Middlebury College) in conversation with new member André Fenton (New York University)

December 17, 2024 House of the Academy, Cambridge, MA

Winter Concert: Music and Architecture at Notre-Dame in Paris

FEATURED SPEAKERS: Anne Azéma (The Boston Camerata); Caroline Astrid Bruzelius (Duke University); Thomas Forrest Kelly (Harvard University)

MICHIGAN

April 3, 2024 University of Michigan, Ann Arbor

Michigan Members' Luncheon

FEATURED SPEAKERS: Richard Rapson (Kresge Foundation); Santa Ono (University of Michigan); INTRODUCTION: Earl Lewis (University of Michigan)

NEW YORK

July 20, 2023 International Peace Institute, New York and Virtual

21st Century Challenges and Opportunities for Humanitarian Health Responses *Cohosted with the International Peace Institute*

FEATURED SPEAKERS: Dirk Druet (McGill University); Fouad M. Fouad (American University of Beirut); David Miliband (International Rescue Committee); Jenna Russo (International Peace Institute); MODER-ATOR: Jennifer M. Welsh (McGill University); WELCOME: Adam Lupel (International Peace Institute); CLOSING: Paul H. Wise (Stanford University)

September 6, 2023 New York, NY

Why the Museum Matters*

FEATURED SPEAKER: Daniel Weiss (Johns Hopkins University)



Ann Fudge (Young & Rubicam Brands), Thomas Bender (New York University), and Bambi B. Schieffelin (New York University) at "Americans and Our Economy: A Conversation about the Human Stakes," a preview event of the final products from the Commission on Reimagining Our Economy, held in New York on October 18, 2023.

October 18, 2023 New York, NY

Americans and Our Economy: A Conversation about the Human Stakes*

FEATURED SPEAKERS: Katherine J. Cramer (University of Wisconsin – Madison); Ann M. Fudge (Young & Rubicam Brands); Serene Jones (Union Theological Seminary); Nicholas B. Lemann (Columbia Journalism School)

February 8, 2024 Yale Club of New York

New York Members' Luncheon*

FEATURED SPEAKERS: Thomas DiPrete (Columbia University); Mary Hatten (Rockefeller University); Jennifer Homans (New York University); INTRODUC-TION: Carol Gluck (Columbia University)

June 3, 2024 American Museum of Natural History

A Reception to Welcome Newly Elected Members*

FEATURED SPEAKER: Sean Decatur (American Museum of Natural History)

November 20, 2024 Federal Reserve Bank of New York

Measuring What Matters: Connecting Economic Prosperity with Household Well-Being

FEATURED SPEAKERS: Jacob Hacker (Yale University); Anna Deavere Smith (New York University Tisch School of the Arts); Matthew Slaughter (Tuck School of Business at Dartmouth)

NORTH CAROLINA

May 16, 2024 Durham, NC

Research Triangle Program Committee Planning Luncheon*

PENNSYLVANIA

February 28, 2024; June 5, 2024 Philadelphia, PA

Philadelphia Program Committee Dinners*

TEXAS

March 18, 2024 Rice University, Houston, TX

Accelerating Climate Action Across America*

FEATURED SPEAKERS: Robert Bullard (Texas Southern University); Patricia Vincent-Collawn (PNM Resources); Christopher Field (Stanford Woods Institute for the Environment); Mustafa Santiago Ali (National Wildlife Federation; Revitalization Strategies); INTRODUCTION: Reginald DesRoches (Rice University)

March 19, 2024 University of Texas, Austin

Austin Members' Luncheon

FEATURED SPEAKER: James B. Milliken (University of Texas System)

WASHINGTON

June 20, 2024

Seattle Members' Dinner*

FEATURED SPEAKER: Wallace Loh (University of Maryland); **INTRODUCTION:** Patricia Ebrey (University of Washington)



Panelist **Robert Bullard** (Texas Southern University) during "Accelerating Climate Action Across America," a conversation hosted by the Houston Program Committee on March 18, 2024, at Rice University to highlight the recommendations of the Commission on Accelerating Climate Action.

WISCONSIN

October 10, 2024 University of Wisconsin-Madison

Rebuilding Local and Community Media for the Twenty-First Century

FEATURED SPEAKERS: Frederica Freyberg (PBS Wisconsin); Lewis Friedland (University of Wisconsin–Madison); Michael Wagner (University of Wisconsin – Madison); MODERATOR: Victor Lopez (American Academy of Arts and Sciences)

INTERNATIONAL

UNITED KINGDOM

November 6, 2023 Chatham House, London and Virtual

Challenges to Delivering Humanitarian Health Care in Today's Conflicts *Cohosted with Chatham House*

FEATURED SPEAKERS: Larissa Fast (University of Manchester); Ulana Suprun (Commission for Universal Health); Natalie Roberts (Médecins Sans Frontières UK); **MODERATOR:** Patricia Lewis (Chatham House)

November 7, 2023 Cambridge University

Members' Luncheon

MEXICO

September 12, 2023 El Colegio de México, Mexico City and Virtual

A World in Humanitarian Crisis: Forced Mobility and Organized Crime in Latin America Cohosted with El Colegio de México

FEATURED SPEAKERS: Sergio Aguayo (El Colegio de México); Ietza Bojórquez (El Colegio de la Frontera Norte); Tamara Taraciuk Broner (Inter-American Dialogue); Julia Carabias (National Autonomous University of Mexico); Emilio González (UNHCR); Miguel Ángel Valverde Loya (Mexican Ministry of Foreign Affairs); Silvia Giorguli Saucedo (El Colegio de México); Jaime Sepúlveda (University of California, San Francisco)

September 12, 2023 El Colegio de México, Mexico City

Members' Luncheon

VIRTUAL MEETINGS

July 27, 2023

The Promise of Proportional Representation for Democracy

FEATURED SPEAKERS: Andy Craig (Rainey Center; CATO Institute); Steven Olikara (Bridge Entertainment Labs); Norman Ornstein (American Enterprise Institute); Alora Thomas-Lundborg (Harvard Law School); Grant Tudor (Protect Democracy)

September 18, 2023

Language and Social Justice in the United States

FEATURED SPEAKERS: Julia C. Fine (University of California, Santa Barbara); Anne H. Charity Hudley (Stanford University); Norma Mendoza-Denton (University of California, Los Angeles); Guadalupe Valdés (Stanford University); Walt Wolfram (North Carolina State University)

October 5, 2023

Safeguarding American Democracy: Civic Literacy for a Secure Nation *Cohosted with iCivics*

FEATURED SPEAKERS: Danielle Allen (Harvard University); Louise Dubé (iCivics); James N. Mattis (Stanford University)

November 9, 2023

Launch of Report and Data Dashboard for a People-First Economy

FEATURED SPEAKERS: Katherine J. Cramer (University of Wisconsin – Madison); Ann M. Fudge (Young & Rubicam Brands); Jacob Hacker (Yale University); Nicholas B. Lemann (Columbia Journalism School); Anna Deavere Smith (New York University); **MODERATOR:** David Leonhardt (*The New York Times*)

April 30, 2024

Understanding Implicit Bias and How to Combat It *A Morton L. Mandel Conversation*

FEATURED SPEAKERS: Frank Dobbin (Harvard University); Jennifer Eberhardt (Stanford University); Camara Phyllis Jones (King's College London); Goodwin Liu (Supreme Court of California)

May 30, 2024

A Conversation on Campus Speech American Academy Affiliate Convening

FEATURED SPEAKERS: Ana Mari Cauce (University of Washington); Laurie Patton (Middlebury College); David French (*The New York Times*)

July 17, 2024

Building Demand for National Service: New Insights from Public Opinion Research

FEATURED SPEAKERS: Lisa García Bedolla (University of California, Berkeley); Kristen Bennett (Service Year Alliance); Kaira Esgate (America's Service Commissions); Josh Fryday (State of California); Goodwin Liu (Supreme Court of California); Doris Matsui (U.S. House of Representatives, 7th District of California); Pete Peterson (Pepperdine University); INTRODUC-TION: Betsy Super (American Academy of Arts and Sciences)

September 4, 2024

Political Polarization and Political Violence

FEATURED SPEAKERS: Paige Alexander (The Carter Center); Rachel Kleinfeld (Carnegie Endowment for International Peace); Marty Smith (ABA Task Force for American Democracy)

September 12, 2024

Economic Connectedness: Building Relationships that Expand Opportunity

FEATURED SPEAKERS: Russell Booker (Spartanburg Academic Movement); Katherine Cramer (University of Wisconsin–Madison); Lynda Gonzales-Chavez (YMCA of the USA); Jessica Grose (*The New York Times*); Goodwin Liu (Supreme Court of California); Johannes Stroebel (New York University Stern School of Business)

October 24, 2024

The Future of Care: Integrating AI and Robotics

FEATURED SPEAKERS: Arthur Kleinman (Harvard University); Maja Matarić (University of Southern California Viterbi School of Engineering); MODERA-TOR: Dolores Albarracín (University of Pennsylvania Annenberg School for Communication); INTRODUC-TION: Laurie L. Patton (Middlebury College)

October 28, 2024

How to Fortify Civic Culture in America

FEATURED SPEAKERS: Ben Klutsey (George Mason University); Eric Liu (Citizen University); Natalie Tran (Creative Artists Agency Foundation); INTRODUCTION: Goodwin Liu (Supreme Court of California); MODERATOR: Laurie L. Patton (Middlebury College)

December 4, 2024

Achieving Civil Justice

FEATURED SPEAKERS: John Levi (Sidley Austin; Legal Services Corporation); Daniel B. Rodriguez (Northwestern University Pritzker School of Law); Rebecca Sandefur (Arizona State University); Diane Wood (American Law Institute); **MODERATOR:** Martha Minow (Harvard University)

ACADEMY PRIZES

Recent Prizes and Prizewinners



FRANCIS AMORY PRIZE

Haifan Lin (Yale School of Medicine)

DON M. RANDEL AWARD FOR HUMANISTIC STUDIES

Kwame Anthony Appiah (New York University)

DISTINGUISHED LEADERSHIP AWARD

David W. Oxtoby (American Academy of Arts and Sciences)

All Prizes

FRANCIS AMORY PRIZE

First awarded in 1940, this prize was established by a bequest made in 1912 by Francis Amory to recognize significant scientific advances in reproductive biology and medical care. Recipients of the Francis Amory Prize include Karl Sune Detlof Bergström, Eugene M. Bricker, Min Chueh Chang, Justin L. Cordonnier, Frederic B. Foley, David L. Garbers, Harry Goldblatt, Peter N. Goodfellow, Alexander Benjamin Gutman, Geoffrey Wingfield Harris, J. Hartwell Harrison, Charles Brenton Huggins, David M. Hume, Elwood Vernon Jensen, Willem Johan Kolff, Ernest Laqueur, Henry Lardy, Ruth Lehmann, Choh Hao Li, Robin H. Lovell-Badge, Mary

Frances Lyon, Thaddeus R. R. Mann, Guy Frederic Marrian, Joseph Francis McCarthy, John P. Merrill, Barbara Jean Meyer, Benjamin F. Miller, Terence J. Millin, Beatrice Mintz, Carl Richard Moore, Joseph E. Murray, Warren O. Nelson, Susumu Ohno, David C. Page, George Nicholas Papanicolaou, Eugene F. Poutasse, Gertrud M. Schüpbach, George W. Thorn, Hans Henriksen Ussing, Selman Abraham Waksman, Frederick J. Wallace, Patrick C. Walsh, Lawson Wilkins, Howard Guy Williams-Ashman, Jean D. Wilson, and Hugh Hampton Young. The recipient of the 2023 Francis Amory Prize is Haifan Lin.

AWARD FOR EXCELLENCE IN PUBLIC POLICY AND PUBLIC AFFAIRS

Presented for the first time in 2018, this award recognizes demonstrated excellence, independence, effectiveness, and work on behalf of the greater good in the fields of public policy and public affairs. Recipients of the Award for Excellence in Public Policy and Public Affairs include Marian Wright Edelman and Ernest J. Moniz.

DISTINGUISHED LEADERSHIP AWARD

First awarded in 2016, the Distinguished Leadership Award recognizes individuals who exemplify a legacy of leadership and dedication to the founding ideals of the American Academy. Recipients of the Distinguished Leadership Award include Louise Henry Bryson, Jonathan F. Fanton, Nannerl Overholser Keohane, Jerrold Meinwald, Carl H. Pforzheimer III, Don M. Randel, Geraldine L. Richmond, David M. Rubenstein, and Diane P. Wood. The recipient of the 2024 Distinguished Leadership Award is David W. Oxtoby.

EMERSON-THOREAU MEDAL

The Emerson-Thoreau Medal was established in 1958 to give special recognition to distinguished achievement in the broad field of literature. The prize is awarded to a person for their total literary achievement rather than for a specific work. Recipients of the Emerson-Thoreau Medal include Hannah Arendt, Margaret Atwood, Saul Bellow, Henry Beston, Mark Van Doren, Thomas Stearns Eliot, James T. Farrell, Robert Frost, Maxine Hong Kingston, Joseph Wood Krutch, Norman Mailer, Samuel Eliot Morison, Toni Morrison, Lewis Mumford, Katherine Anne Porter, John Crowe Ransom, I. A. Richards, Philip Roth, Robert Penn Warren, and Edmund Wilson.

FOUNDERS AWARD

Established in 2005 on the occasion of the 225th anniversary of the Academy's founding, this award honors individuals and institutions that have advanced the ideals of the Founders of the Academy. Recipients embody the spirit of the Founders : a commitment to intellectual inquiry, leadership, and active engagement. Recipients of the Founders Award include Robert J. Birgeneau, John H. Bryan, Louise Henry Bryson, Richard J. Franke, John L. Hennessy, George Lucas, Jack Peltason, and Don M. Randel.

DON M. RANDEL AWARD FOR HUMANISTIC STUDIES

The Award for Humanistic Studies was established in 1975 by the Council of the Academy to acknowledge superior humanistic scholarship and raise its visibility with the general reading public. The award complements the Emerson-Thoreau Medal for achievement in literature. In 2017, the award was renamed in honor of musicologist Don M. Randel, Chair of the Academy's Board of Directors from 2013–2017. Recipients of the Award for Humanistic Studies include Meyer Abrams, Kenneth Burke, Denis Donoghue, Henry Louis Gates, Jr., Martha Craven Nussbaum, Helen Vendler, and Jean-Pierre Vernant. The recipient of the 2023 Don M. Randel Award for Humanistic Studies is Kwame Anthony Appiah.

RUMFORD PRIZE

Established in 1839, the Rumford Prize is one of the oldest scientific prizes in the United States. This prize recognizes contributions to the fields of heat and light, broadly interpreted. Recipients of the Rumford Prize include Charles Greeley Abbot, Edward Goodrich Acheson, John A. Ball, Ernst Bamberg, C. C. Bare, Alan H. Barrett, Carl Barus, Charles L. Bennett, Hans Albrecht Bethe, Ira Sprague Bowen, Edward Boyden, Percy Williams Bridgeman, Norman W. Broten, Charles Francis Brush, Bernard F. Burke, Federico Capasso, Joseph C. Carter, Subrahmanyan Chandrasekhar, R. M. Chisholm, Alfred Cho, Alvan Clark, Carry G. Clark, William Weber Coblentz, Marshall H. Cohen, William David Coolidge, Samuel Cornette Collins, Arthur Holly Compton, Karl Taylor Compton, George Henry Corliss, James Madison Crafts, Patricia P. Crowther, Charles Gordon Curtis, Hans Georg Dehmelt, Karl Deisseroth, Martin Deutsch, Robert Henry Dicke, John William Draper, Sidney D. Drell, Thomas Alva Edison, John Ericsson, George Feher, Enrico Fermi, James Franck, John A. Galt, Josiah Willard Gibbs, Herbert P. Gush, George Ellery Hale, Robert Hare, George Russell Harrison, Joseph Harrison, Jr., Edmund Newton Harvey, Peter Hegemann, Vernon Willard Hughes, Frederic Eugene Ives, Herbert E. Ives, David L. Jauncey, Joseph J. Katz, James Edward Keeler, Kenneth I. Kellerman, Willis E. Lamb, Jr., Edwin Herbert Land, Samuel Pierpont Langley, Irving Langmuir, Thomas H. Legg, Robert B. Leighton, Jack L. Locke, Frank J. Low, Theodore Lyman, John C. Mather, William David McElroy, Charles W. McLeish, Charles Edward Mees, Albert Abraham Michelson, Gero Miesenböck, Robert Mills, James M. Moran, Jr., Georg Nagel, Edward Leamington Nichols, Ernest Fox Nichols, James R. Norris, Sam Nunn, Lars Onsager, William J. Perry, Edward Charles Pickering, John Stanley Plaskett, Norman Foster Ramsey, Roger S. Richards, Alan E. E. Rogers, Bruno Rossi, Henry Augustus Rowland, Henry Norris Russell, Lewis Morris Rutherford, Maarten Schmidt, Harlow Shapley, George P. Shultz, Joel Stebbins, Elihu Thomson, Charles Hard Townes, Daniel Treadwell, Cornelis B. Van Niel, George Wald, Gregorio Weber, E. Bright Wilson, Robert Williams Wood, Chen Ning Yang, Jul Lin Yen, and Vladimir Kosma Zworykin.

SARTON AWARD FOR POETRY

Presented for the first time in 2008, the Sarton Award for Poetry recognizes emerging poets of exceptional promise. The award was established by a fund created by Academy Fellow May Sarton, a poet, novelist, and teacher who encouraged the work of young poets during her lifetime. Recipients of the Sarton Award for Poetry include Arda Collins, Matthew Dickman, Dawn Lundy Martin, dg nanouk okpik, Meghan O'Rourke, Vanesha Pravin, and Matthew Zapruder.

SARTON PRIZE FOR THE HISTORY OF SCIENCE

Presented for the first time in 1999, the Sarton Prize for the History of Science recognizes early-career historians of science whose work demonstrates exceptional promise. It was established by a fund created by Academy Fellow May Sarton to honor the memory of her father, Academy Fellow George Sarton, a preeminent leader in the field of history of science. Recipients of the Sarton Prize for the History of Science include Melinda Baldwin, Jenny Bulstrode, and Cristina Chimisso.

SCHOLAR-PATRIOT AWARD

This award, established in 2000, recognizes the extraordinary contributions of individuals who share the commitment of the Academy's Founders, a group of patriots who devoted their lives to promoting the arts and sciences in service to the nation. Recipients of the Scholar-Patriot Award include Nancy C. Andrews, Leo L. Beranek, Louis W. Cabot, William T. Golden, Edward M. Kennedy, Yo-Yo Ma, and Morton L. Mandel.

TALCOTT PARSONS PRIZE

First awarded in 1974, this prize was established to honor the noted sociologist and former president of the Academy. The Talcott Parsons Prize is awarded for contributions to the social sciences, broadly defined. Recipients of the Talcott Parsons Prize include Daniel Bell, Robert Dahl, Clifford Geertz, Joseph H. Greenberg, Albert Hirschman, Daniel Kahneman, William Labov, Robert K. Merton, Robert D. Putnam, Joan Wallach Scott, William Julius Wilson, and C. Vann Woodward.

LEGACY RECOGNITION

The Legacy Recognition Program, an important part of the Academy's overall effort to address and reconcile our history regarding racism and inequality, highlights the contributions of scholars, researchers, writers, artists, business leaders, community leaders, and others whose accomplishments have been overlooked or undervalued due to their race, ethnicity, gender, or sexual orientation.

The inaugural Legacy Recognition honorees for 2024:

Jane Addams Social worker; Reformer; Writer (essayist, nonfiction writer) (1860–1935)

Ruth Aiko Asawa Artist (sculptor) (1926–2013)

James Baldwin Writer (novelist, essayist); Advocate (civil rights) (1924–1987)

Benjamin Banneker Mathematician; Astronomer; Naturalist (1731–1806)

Derrick A. Bell, Jr. Lawyer; Legal Scholar; Advocate (civil rights) (1930–2011)

Gwendolyn Brooks Writer (poet, novelist); Poet laureate; Educator (1917–2000)

Carlos Bulosan Writer (novelist, poet) (1913–1956)

Rachel Carson Marine biologist; Writer (nonfiction); Conservationist (1907–1964)

George Washington Carver Agricultural scientist; Inventor (1864–1943) Ella Cara Deloria, Aŋpétu Wašté Wiŋ (Beautiful Day Woman) Writer (novelist, nonfiction writer); Educator; Ethnographer; Linguist (1889–1971)

Frederick Douglass Social reformer; Abolitionist; Orator; Writer (essayist, nonfiction writer); Statesman (1818–1895)

Charles R. Drew Surgeon; Medical scientist (1904–1950)

W. E. B. Du Bois Sociologist; Historian; Advocate (civil rights) (1868–1963)

Katherine Dunham Dancer; Choreographer; Anthropologist; Advocate (civil rights) (1909–2006)

Charles Hamilton Houston Lawyer; Academic administrator (1895–1950)

Scott Joplin Composer; Musician (pianist) (1868–1917)

Barbara Jordan Lawyer; Member, U.S. House of Representatives; Government official (state legislator); Educator (1936–1996) Edmonia Lewis Artist (sculptor) (1844–1907)

Alain Locke Philosopher; Writer (critic, nonfiction writer); Educator (1885–1954)

Thurgood Marshall Lawyer; Jurist (U.S. Supreme Court) (1908–1993)

Maria Montoya Martinez, Po've'ka (Water Lily) Artist (potter) (1887–1980)

Constance Baker Motley Lawyer; Jurist; Public official; Advocate (civil rights) (1921–2005)

Pauli Murray Legal scholar; Writer (nonfiction writer, memoirist, poet); Clergy member; Advocate (civil rights, women's rights) (1910–1985)

Amalie Emmy Noether Mathematician (1882–1935)

Zelia Nuttall Archaeologist; Anthropologist (1857–1933)

Frances Perkins U.S. Secretary of Labor; Advocate (workers' rights) (1880–1965) Susan LaFlesche Picotte Physician; Advocate (Native American rights) (1865–1915)

Paul Robeson Musician (bass-baritone); Actor; Advocate (civil rights) (1898–1976)

Solomon Schechter Rabbi; Scholar; Educator (1847–1915)

Maria W. Stewart Abolitionist; Advocate (women's rights); Educator; Journalist (1803–1879)

Maria Tallchief, Wa-Xthe-Thomba (Two Standards) Ballet dancer (1925–2013) Sojourner Truth Advocate (civil rights, women's rights, temperance); Abolitionist (1797–1883)

William "Willie" C. Velásquez Advocate (civil rights) (1944–1988)

Wassaja (Signaling), Carlos Montezuma Physician; Advocate (Native American rights) (1866–1923)

Ida B. Wells-Barnett Journalist; Educator; Advocate (civil rights) (1862–1931)

Phillis Wheatley Writer (poet) (1753–1784) Daniel Hale Williams Surgeon; Hospital administrator (1856–1931)

Anna May Wong Actor (1905–1961)

Carter G. Woodson Writer (nonfiction); Editor; Publisher; Historian (1875–1950)

Zitkala-Ša (Red Bird), Gertrude Simmons Bonnin Advocate (Native American rights, women's rights); Writer (essayist, nonfiction writer, librettist); Musician (violinist) (1876–1938)



Among the Legacy Recognition honorees for 2024 (left to right): Maria Tallchief, Wa-Xthe-Thomba (Two Standards); Thurgood Marshall; Sojourner Truth; and W. E. B. Du Bois.

LOCAL PROGRAM COMMITTEES

Local Program Committees and Representatives bring members together to connect with the Academy and each other in the communities where they live.

Arizona Program Committee

Cherry Murray, Cochair University of Arizona

Carlos G. Vélez-Ibáñez, *Cochair* Arizona State University

James P. Collins Arizona State University

John G. Hildebrand University of Arizona

Ana Magdalena Hurtado Arizona State University

Diana Liverman University of Arizona

K. Tsianina Lomawaima Arizona State University

Robert Eugene Page, Jr. Arizona State University

Osvaldo E. Sala Arizona State University

Berkeley Program Committee

Pamela Samuelson, *Chair* University of California, Berkeley School of Law

David A. Hollinger University of California, Berkeley

Randy W. Schekman Howard Hughes Medical Institute

Boston-Cambridge Planning Committee

David E. Bloom Harvard T.H. Chan School of Public Health

Richard E. Cavanagh Harvard Kennedy School; Fremont Group

Felton James Earls Harvard Medical School

Lawrence K. Fish formerly, Citizens Bank

Sally Haslanger Massachusetts Institute of Technology

Arthur Michael Jaffe Harvard University

Susan Woods Paine formerly, Museum of Fine Arts, Boston

Katharine Park Harvard University

Steven Pinker Harvard University

William James Poorvu Harvard Business School

Gigliola Staffilani Massachusetts Institute of Technology

Mriganka Sur Massachusetts Institute of Technology

Sherry Turkle Massachusetts Institute of Technology

Chicago Program Committee

DOWNTOWN CHICAGO SUBCOMMITTEE

Shari Seidman Diamond Northwestern University Pritzker School of Law

John Wilbur McCarter, Jr. Smithsonian Institution

Eric G. Neilson Northwestern University

James W. Pellegrino University of Illinois at Chicago

Patrick G. Ryan Ryan Specialty Group; World Sport Chicago

Diane P. Wood American Law Institute

NORTHWESTERN UNIVERSITY SUBCOMMITTEE

Richard I. Morimoto, *Cochair* Northwestern University

Gary Alan Fine Northwestern University

Carol D. Lee Northwestern University

Natasha D. Trethewey Northwestern University

UNIVERSITY OF CHICAGO SUBCOMMITTEE

Young-Kee Kim, Cochair University of Chicago

Katherine Baicker University of Chicago

John Mark Hansen University of Chicago

Jonathan Lear University of Chicago

Anne Walters Robertson University of Chicago

Robert Rosner University of Chicago

Lucia B. Rothman-Denes University of Chicago

Geoffrey Richard Stone University of Chicago Law School

Amanda L. Woodward University of Chicago

Luigi G. Zingales University of Chicago Booth School of Business

Gainesville Representatives

Douglas E. Soltis University of Florida

Pamela S. Soltis University of Florida

Houston Program Committee

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

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

Neal Francis Lane Rice University

David. W. Leebron Rice University

Huda Y. Zoghbi Baylor College of Medicine

Los Angeles Program Committee

Louis Geoffrey Cowan, *Chair* University of Southern California

Frances Hamilton Arnold California Institute of Technology

Austin M. Beutner Vision to Learn

Gene D. Block University of California, Los Angeles

Louise Henry Bryson Public Media Group of Southern California

Albert Carnesale University of California, Los Angeles

Louis M. Gomez University of California, Los Angeles

Maria D. Hummer-Tuttle formerly, J. Paul Getty Trust

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

Sherry Lee Lansing Sherry Lansing Foundation

John A. Lithgow Actor; Writer

Thomas F. Rosenbaum California Institute of Technology

Anneila Isabel Sargent California Institute of Technology

Ernest James Wilson III University of Southern California

New Haven Program Committee

Isabela Mares, Cochair Yale University

Steven I. Wilkinson, *Cochair* Yale University

Thomas W. Appelquist Yale University

Peter Brooks Yale University

Michael John Donoghue Yale University

Alan S. Gerber Yale University

Linda Greenhouse Yale Law School

Roger Evans Howe Yale University

John H. Langbein Yale Law School

Thomas Dean Pollard Yale University

Judith Resnik Yale Law School

John E. Roemer Yale University

Alan Schwartz Yale Law School

Ian Shapiro Yale University

New York Program Committee

Carol Gluck, Cochair Columbia University

Kenneth L. Wallach, Cochair Central National Gottesman Inc.

Jesse Huntley Ausubel Rockefeller University

Thomas Bender New York University

Sylvian E. Cappell New York University

Adam F. Falk Alfred P. Sloan Foundation

Jonathan Fanton American Academy of Arts and Sciences

Joseph J. Fins Weill Cornell Medicine

Rachel C. Hadas Rutgers, The State University of New Jersey

Mark N. Kaplan Skadden, Arps, Slate, Meagher & Flom, LLP

Dahlia Lithwick Slate Magazine

Matthew S. Santirocco New York University

Mark S. Slobin Wesleyan University

Chandrika K. Tandon Tandon Capital Associates

Philadelphia Program Committee

Philip P. Betancourt Temple University

Nancy Bonini University of Pennsylvania

Jonathan A. Epstein University of Pennsylvania Perelman School of Medicine

Martha Julia Farah University of Pennsylvania

Frank F. Furstenberg, Jr. University of Pennsylvania

James Larry Jameson University of Pennsylvania Perelman School of Medicine

Nora S. Newcombe Temple University

Jean-Michel Rabaté University of Pennsylvania

Amos Brittain Smith, III University of Pennsylvania

Princeton Program Committee

Michael A. Cook Princeton University

Janet M. Currie Princeton University

Jill S. Dolan Princeton University

Carol J. Greenhouse Princeton University

Stanley Nider Katz Princeton University

Arthur Elliott Levine Princeton University

Nolan McCarty Princeton University

Harold Vincent Poor Princeton University

Marta Tienda Princeton University

Michael Wood Princeton University

Froma I. Zeitlin Princeton University

Providence Program Committee

Rose M. McDermott, Cochair Brown University

Jill Pipher, Cochair Brown University

Research Triangle Program Committee

Terry Magnuson, Cochair University of North Carolina at Chapel Hill

Paula D. McClain, Cochair Duke University

John Aldrich Duke University

Kerry Steven Bloom University of North Carolina at Chapel Hill

Keith W. T. Burridge University of North Carolina at Chapel Hill

Blossom Damania University of North Carolina at Chapel Hill

Virginia H. Gray University of North Carolina at Chapel Hill

Jack D. Griffith University of North Carolina at Chapel Hill

Jacquelyn Dowd Hall University of North Carolina at Chapel Hill

Robert A. Hummer University of North Carolina at Chapel Hill

Guillermo R. Sapiro Duke University

San Diego Program Committee

M. Margaret McKeown, *Cochair* United States Court of Appeals, Ninth Circuit

Susan S. Taylor, Cochair University of California, San Diego School of Medicine

Susan L. Ackerman University of California, San Diego

Shu Chien University of California, San Diego

Patricia Smith Churchland University of California, San Diego

Fred H. Gage Salk Institute for Biological Studies

Vicki H. Grassian University of California, San Diego

Benedict Hyman Gross Harvard University

Theodore Groves University of California, San Diego

Tony Hunter Salk Institute for Biological Studies

Yishi Jin University of California, San Diego

Marta Kutas University of California, San Diego

David A. Lake University of California, San Diego

Thomas Evan Levy University of California, San Diego

LOCAL PROGRAM COMMITTEES & REPRESENTATIVES

SAN DIEGO PROGRAM COMMITTEE, continued

J. Andrew McCammon University of California, San Diego

Donald A. Norman University of California, San Diego

Jerrold M. Olefsky University of California, San Diego School of Medicine

Ivan K. Schuller University of California, San Diego

Geoffrey Myles Wahl Salk Institute for Biological Studies

John Burnard West University of California, San Diego School of Medicine

Seattle Program Committee

Patricia Buckley Ebrey, *Chair* University of Washington

Eric G. Adelberger University of Washington

Lawrence Corey Fred Hutchinson Cancer Research Center

Michael F. Goodchild University of California, Santa Barbara

Donald K. Grayson University of Washington

Everett Peter Greenberg University of Washington

Mark Groudine Fred Hutchinson Cancer Research Center

Ray W. Hilborn University of Washington

Mary-Claire King University of Washington

Lawrence A. Loeb University of Washington

Marc Mangel University of California, Santa Cruz

Elizabeth Alison Thompson University of Washington

South Florida Representative

George Henry Conrades Akamai Technologies Inc.

St. Louis Program Committee

Gerald Early, *Chair* Washington University in St. Louis

Lee Epstein University of Southern California

Kenneth Marc Ludmerer Washington University in St. Louis School of Medicine

Emily Rauh Pulitzer The Pulitzer Foundation for the Arts

Peter Hamilton Raven Missouri Botanical Garden

Susanne S. Renner Washington University in St. Louis

Robert Eric Ricklefs University of Missouri at St. Louis

James V. Wertsch Washington University in St. Louis

Mark Stephen Wrighton George Washington University

Urbana Representative

John Albert Katzenellenbogen University of Illinois Urbana-Champaign

Washington, D.C., Program Committee

Maya Ajmera Society for Science

Margaret A. Hamburg InterAcademy Partnership, The Global Network of Science Academies

Richard Andrew Meserve Covington and Burling LLP

Michele L. Norris The Washington Post

Norman Jay Ornstein American Enterprise Institute

Daniel R. Porterfield Aspen Institute

Deborah F. Rutter John F. Kennedy Center for the Performing Arts

Kim Sajet Smithsonian Institution

David J. Skorton Association of American Medical Colleges

Holden Thorp American Association for the Advancement of Science

ACADEMY MEMBERS

Members Elected in 2024, by Class & Section

IHM designates an International Honorary Member.

CLASS I: Mathematical and Physical Sciences

SECTION 1: Mathematics, Applied Mathematics, and Statistics

Blum, Lenore Carnegie Mellon University

Chatterjee, Sourav Stanford University

De Lellis, Camillo Institute for Advanced Study

Mossel, Elchanan Massachusetts Institute of Technology

Oh, Hee Yale University

Sverak, Vladimir University of Minnesota

Venkatesh, Akshay Institute for Advanced Study

Wood, Melanie Matchett Harvard University

SECTION 2: Physics

Farrar, Glennys R. New York University

Fleming, Bonnie T. Fermi National Accelerator Laboratory; University of Chicago

Hatsuda, Tetsuo (IHM) RIKEN Hwang, Harold Y. Stanford University

Intriligator, Kenneth A. University of California, San Diego

Kane, Charles L. University of Pennsylvania

Siddiqi, Irfan University of California, Berkeley

Wadia, Spenta R. (IHM) International Centre for Theoretical Sciences; Tata Institute of Fundamental Research

Wen, Xiao-Gang Massachusetts Institute of Technology

SECTION 3: Chemistry

Anslyn, Eric V. University of Texas at Austin

Arnold, Polly L. (IHM) University of California, Berkeley; Lawrence Berkeley National Laboratory

Chen, Peng Cornell University

Choi, Kyoung-Shin University of Wisconsin-Madison

Clemons, Jr., William M. California Institute of Technology

Hong, Mei Massachusetts Institute of Technology

Leigh, David A. (IHM) University of Manchester **Minteer, Shelley** Missouri University of Science and Technology

Morawska, Lidia (IHM) Queensland University of Technology

Nozik, Arthur J. University of Colorado Boulder

Percec, Virgil University of Pennsylvania

SECTION 4: Astronomy, Astrophysics, and Earth Sciences

Atekwana, Estella A. University of California, Davis

Dalcanton, Julianne Simons Foundation

Gammie, Charles F. University of Illinois Urbana-Champaign

Gíslason, Sigurður Reynir (IHM) University of Iceland

Hirth, Greg Brown University

Larson, Kristine M. University of Colorado Boulder

Seljak, Uroš University of California, Berkeley; Lawrence Berkeley National Laboratory

van der Lee, Suzan Northwestern University

Wu, Yanqin (IHM) University of Toronto **SECTION 5:** Engineering and Technology

Alvarez, Pedro J. J. Rice University

Bashir, Rashid University of Illinois Urbana-Champaign

Chen, Wei Northwestern University McCormick School of Engineering

Chiang, Mung Purdue University

Crawley, Edward F. Massachusetts Institute of Technology

Doyle III, Francis J. Brown University

Hersam, Mark C. Northwestern University

Mikos, Antonios G. Rice University

Reichmanis, Elsa Lehigh University

Sontag, Eduardo D. Northeastern University

Suo, Zhigang Harvard John A. Paulson School of Engineering and Applied Sciences

MEMBERS ELECTED IN 2024, BY CLASS & SECTION

SECTION 6: Computer Sciences

Amato, Nancy M. University of Illinois Urbana-Champaign

Cong, Jingsheng Jason University of California, Los Angeles

Getoor, Lise C. University of California, Santa Cruz

Gilbert, Juan E. University of Florida

Mynatt, Elizabeth D. Northeastern University Khoury College of Computer Sciences

Sangiovanni-Vincentelli, Alberto L. University of California, Berkeley

Suciu, Dan University of Washington

CLASS II: Biological Sciences

SECTION 1: Biochemistry, Biophysics, and Molecular Biology

Ban, Nenad (IHM) Eidgenössische Technische Hochschule Zürich

Baserga, Susan Yale School of Medicine

Blacklow, Stephen C. Harvard Medical School

He, Chuan University of Chicago

Hur, Sun Harvard Medical School

Hurley, James H. University of California, Berkeley

Narlikar, Geeta J. University of California, San Francisco **Selvin, Paul R.** University of Illinois Urbana-Champaign

SECTION 2: Cellular and Developmental Biology

Arlotta, Paola Harvard University

Blanpain, Cédric (IHM) Université Libre de Bruxelles

Brodsky, Jeffrey L University of Pittsburgh

Han, Min University of Colorado Boulder

Malhotra, Vivek Centre for Genomic Regulation

Reinisch, Karin M. Yale School of Medicine

White, Eileen P. The Rutgers Cancer Institute of New Jersey; Rutgers, The State University of New Jersey

Wolfner, Mariana Federica Cornell University

SECTION 3: Neurosciences

Chen, Chinfei Harvard Medical School

D'Esposito, Mark University of California, Berkeley

Eroğlu, Çağla Duke University

Fenton, André A. New York University

Goulding, Martyn Salk Institute for Biological Studies

Nobre, Anna Christina (IHM) Yale University

Picciotto, Marina Yale University

Ryan, Timothy A. Weill Cornell Medicine **Sengupta, Piali** Brandeis University

Zeki, Semir (IHM) University College London

SECTION 4: Evolution and Ecology

Bachtrog, Doris University of California, Berkeley

Bell, Alison M. University of Illinois Urbana-Champaign

Bronstein, Judith Lee University of Arizona

Muller-Landau, Helene C. Smithsonian Tropical Research Institute

Ochman, Howard J. University of Texas at Austin

Palmer, Margaret A. University of Maryland

Ramakrishnan, Uma (IHM) National Center for Biological Sciences

Smith, Thomas B. University of California, Los Angeles

Sutherland, William (IHM) University of Cambridge

Vandermeer, John H. University of Michigan

SECTION 5: Medical Sciences

Atkinson, John P. Washington University School of Medicine in St. Louis

Giacomini, Kathleen M. University of California, San Francisco

Lee, Brendan Baylor College of Medicine

Polyak, Kornelia Harvard Medical School; Dana-Farber Cancer Institute **Powe, Neil R.** University of California, San Francisco School of Medicine

Sadelain, Michel Memorial Sloan Kettering Cancer Center

Tuveson, David A. Cold Spring Harbor Laboratory

SECTION 6: Microbiology and Immunology

Chang, Yuan University of Pittsburgh

Griffin, Diane E. Johns Hopkins Bloomberg School of Public Health

Jacobs-Wagner, Christine Stanford University

Mitchell, Aaron P. University of Georgia

Moore, Patrick S. University of Pittsburgh

Ruby, Edward G. California Institute of Technology

Sharpe, Arlene H. Harvard Medical School

CLASS III: Social and Behavioral Sciences

SECTION 1: PSYCHOLOGICAL SCIENCES

Albarracín, Dolores University of Pennsylvania Annenberg School for Communication

Beilock, Sian Leah Dartmouth College

Boyce, W. Thomas University of California, San Francisco Frank, Michael C. Stanford University

Meaney, Michael (IHM) McGill University

Silver, Roxane Cohen University of California, Irvine

Tottenham, Nim L. Columbia University

Zacks, Jeffrey M. Washington University in St. Louis

SECTION 2: Economics

Antràs, Pol Harvard University

Hendren, Nathaniel Massachusetts Institute of Technology

Hurst, Erik University of Chicago Booth School of Business

Mikusheva, Anna Massachusetts Institute of Technology

Ng, Serena Columbia University

Niederle, Muriel Stanford University

Sufi, Amir University of Chicago Booth School of Business

SECTION 3: Political Science

Haggard, Stephan University of California, San Diego

Harris, Fredrick Cornelius Columbia University

Htun, Mala University of New Mexico

Lust, Ellen University of Gothenburg

Mansfield, Edward D. University of Pennsylvania Schmidt, Vivien Ann Boston University

Wlezien, Christopher University of Texas at Austin

SECTION 4: Law

Alstott, Anne L. Yale Law School

Carlson, Ann E. UCLA School of Law

Gulati, G. Mitu University of Virginia School of Law

Ho, Daniel E. Stanford University

Kim, Pauline T. Washington University in St. Louis School of Law

Sutton, Jeffrey S. United States Court of Appeals for the Sixth Circuit

Talley, Eric Leonard Columbia Law School

SECTION 5: Anthropology and Archaeology

Arkush, Elizabeth University of Pittsburgh

Boyd, Robert Arizona State University

Davis, Jack L. University of Cincinnati

Keane, Webb University of Michigan

Kumakura, Isao (IHM) National Museum of Ethnology

Thomas, Deborah A. University of Pennsylvania

Zavella, Patricia University of California, Santa Cruz **SECTION 6:** Sociology, Demography, and Geography

Carr, Deborah Suzanne Boston University

Carruthers, Bruce G. Northwestern University

Castells, Manuel University of Southern California

Cutter, Susan L. University of South Carolina

Killewald, Alexandra Achen University of Michigan

Wingfield, Adia Harvey Washington University in St. Louis

Zimmerer, Karl S. Pennsylvania State University

SECTION 7: Education

Bang, Megan Northwestern University

Carter, Prudence L. Brown University

Gillborn, David (IHM) University of Birmingham

Hill, Heather C. Harvard Graduate School of Education

Howard, Tyrone University of California, Los Angeles

Long, Bridget Terry Harvard Graduate School of Education

Morrell, Ernest Davis University of Notre Dame

Nieto, Sonia University of Massachusetts Amherst

Weinstein Cayuela, José (IHM) Universidad Diego Portales

Wilensky, Uri J. Northwestern University

CLASS IV: Humanities and Arts

SECTION 1: Philosophy

Diamond, Cora University of Virginia

Fischer, John Martin University of California, Riverside

Joyce, James Michael University of Michigan

Kittay, Eva Feder Stony Brook University

Rosen, Gideon A. Princeton University

Taylor, Paul C. University of California, Los Angeles

Wilson, Catherine W. University of York

SECTION 2: History

Chang, Gordon H. Stanford University

Diouf, Mamadou Columbia University

Gerstle, Gary University of Cambridge

Glymph, Thavolia Duke University

Lipstadt, Deborah E. Emory University

Ransby, Barbara University of Illinois Chicago

Vinson III, Ben Howard University

MEMBERS ELECTED IN 2024, BY CLASS & SECTION

SECTION 3: Literature and Language Studies

Brentari, Diane University of Chicago

Foreman, P. Gabrielle Colored Conventions Project; Pennsylvania State University

Gorra, Michael Smith College

Nelson, Deborah L. University of Chicago

Otis, Laura Christine Emory University

Polizzotti, Mark Metropolitan Museum of Art

Viswanathan, Gauri Columbia University

SECTION 4: Literature

Beatty, Paul S. Columbia University

Delany, Jr., Samuel Ray Philadelphia, PA

Ghosh, Amitav Brooklyn, NY

Keene, Jr., John R. Rutgers, The State University of New Jersey

Kureishi, Hanif (IHM) London, United Kingdom

Lahiri, Jhumpa Barnard College

Mosley, Walter E. Brooklyn, NY

Smith, Tracy K. Harvard University

Thúy Ly Thanh, Kim (IHM) Longueuil, Quebec

Yamashita, Karen Tei University of California, Santa Cruz

SECTION 5: Visual Arts

Bey, Dawoud Chicago, IL

Easton, Elizabeth W. Center for Curatorial Leadership

Goode Bryant, Linda New York, NY

Harrison, Rachel New York, NY

Kirkwood, Niall Gordon Harvard University Graduate School of Design

Stewart, Jeffrey C. University of California, Santa Barbara

SECTION 6: Performing Arts

Castelo-Branco, Salwa El-Shawan (IHM) Universidade Nova de Lisboa

Clooney, George T. New York, NY

Du, Yun Johns Hopkins University

Machover, Tod Massachusetts Institute of Technology

McCraney, Tarell Alvin Yale University

Miguel, Muriel Spiderwoman Theater

Porter, Dawn Trilogy Films

Undisputed Cinema, LLC **Rao, Nancy Yunhwa** Rutgers, The State University of New Jersey

Prince-Bythewood, Gina M.

Rivera-Servera, Ramón H. University of Texas at Austin

Valdez, Luis M. El Teatro Campesino

Whitaker, Rodney T. Michigan State University

SECTION 7: Religious Studies

Asad, Talal CUNY Graduate Center

Moss, Candida R. University of Birmingham

Niditch, Susan Amherst College

Witte, Jr., John Emory University School of Law

CLASS V: Leadership, Policy, and Communications

SECTION 1: Journalism, Media, and Communications

Alarcón Solis, Daniel G. National Public Radio

Aronson-Rath, Raney Public Broadcasting Service

Bouie, Jamelle The New York Times

Lozada, Carlos E. The New York Times

Merida, Kevin Culver City, CA

Swarns, Rachel L. New York University

> **SECTION 2:** Business, Corporate, and Philanthropic Leadership

Barra, Mary T. General Motors

Brewer, Rosalind G. Arthur M. Blank Family Foundation

Cook, Timothy D. Apple, Inc.

Duckett, Thasunda Brown TIAA **Edmondson, Amy C.** Harvard Business School

Hill, Grant Hill Ventures, Inc.

Rogers, Ruth E. The River Café

Stryker, Jon Arcus Foundation

SECTION 3: Educational and Academic Leadership

Cruz Rivera, José Luis Northern Arizona University

Folt, Carol L. University of Southern California

Gabel, Joan T. A. University of Pittsburgh

García, Mildred E. California State University System

Mitchell, Ted American Council on Education

Pelton, M. Lee The Boston Foundation

Tripathi, Satish K. University at Buffalo

SECTION 4: Public Affairs and Public Policy

Ali, Mustafa Santiago National Wildlife Federation

Feldmann, Fábio José (IHM) São Paulo, Brazil

Gornick, Janet C. CUNY Graduate Center

Kaslow, David C. U.S. Food and Drug Administration

Ross, Robert K. The California Endowment

Saenz, Thomas A. Mexican American Legal Defense and Educational Fund

SECTION 5: Scientific, Cultural, and Nonprofit Leadership

Abdool Karim, Quarraisha (IHM) Centre for the AIDS Programme of Research in South Africa

Bradley, Betsy Mississippi Museum of Art

Conrad, Cecilia Ann Lever for Change

Feldman, Kaywin National Gallery of Art

Gupta, Vijay Street Symphony Project, Inc.

Hillman, Elizabeth L.

National 9/11 Memorial and Museum

Oti-Boateng, Peggy (IHM) African Academy of Sciences

Pourier, Lori Lea First Peoples Fund

Reddy, B. Dayanand (IHM) University of Cape Town

Simons, Marilyn Hawrys Simons Foundation

Timms, Henry Lincoln Center for the Performing Arts

West, Jr., W. Richard

Smithsonian National Museum of the American Indian

DECEASED MEMBERS

Notice received through November 4, 2024

Arvind Robert Merrihew Adams **Julius** Adler Nancy E. Adler Bruce Nathan Ames Everett Anderson Wvatt W. Anderson Carl Andre Fred Colvig Anson Michael Ashburner Paul Auster **Robert Badinter** Allen Joseph Bard J. Perry Barger John Simmons Barth Edward Baugh Chester Gordon Bell Nuel Belnap Hans Belting Joe Claude Bennett Ionathan Francis Bennett Howard Curtis Berg Paul Berg James Daniel Biorken Michael Blackwood Donald Sommers Blough Martin Blume Marcel Paul Boiteux Vladimir Borisovich Braginsky John I. Brauman Barry Morton Brenner Haïm Brézis **Richard Brilliant Richard Alan Brody** Antonia Susan Byatt Colin Goetze Campbell William A. Catterall Aaron Victor Cicourel Donald Delbert Clayton Mary Louise Cleave John Allen Clements Jared Leigh Cohon Joel Osborne Conarroe John M. Connors, Jr. Leon N. Cooper Robert Coover E. Gerald Corrigan Richard Arthur Crawford Frederick Campbell Crews Stuart A. Curran D. Ronald Daniel Margaret Bryan Davis Igor Bert Dawid Mahlon Robert DeLong Peter Florian Dembowski Peter Demetz

Daniel Dennett Frans B. M. de Waal Francis Joseph DiSalvo, Jr. Alexander W. Dreyfoos, Jr. James Johnson Duderstadt Ion Michael Dunn Ionathan Eaton James Economy Christopher F. Edley, Jr. Friedrich Ehrendorfer Albert Jakob Eschenmoser Claire Mintzer Fagin Donald Lee Fanger Gary Felsenfeld David Ferry George Brooks Field Walter Charles Cornelius Fiers Cornell Hugh Fleischer Joel L. Fleishman Alan Bicksler Fowler John Freccero Charles Fried Joseph Grafton Gall David Pierpont Gardner Claire L. Gaudiani Arthur Gelb Robert Hartmann Giles Alvin Ira Goldman Roger Anthony Gorski Robert A. Gottlieb David Marvin Green Kent Greenawalt Diane E. Griffin Michael Grunstein Roger Charles Louis Ğuillemin Gustavo Gutiérrez Jane I. Guver Charles Vernon Hamilton Delon Hampton Iames Burkett Hartle John L. Heilbron Sigurdur Helgason Dieter Henrich Howard H. Hiatt Martin Sean Indyk Roman Wladimir Jackiw Fredric R. Jameson Michael Cole Jensen **Charles Oscar Jones James Earl Jones** Quincy D. Jones, Jr. Charles H. Kahn Daniel Kahneman Eugenia Kalnav Arthur Karlin

Harvey Jules Karten Haig H. Kazazian, Jr. Donald R. Kellev Kenneth Keniston Elliott Dan Kieff Henry Alfred Kissinger Ludwig Koenen J. David Konstan Robert Andrew Lamb Tsung-Dao Lee Estella Bergere Leopold **Richard Alan Lerner** Emmanuel Bernard Le Roy Ladurie Ann Lurie Robert B. W. MacNeil Fumihiko Maki Harry M. Markowitz Dale Basil Martin Arno J. Maver Cormac McCarthy **Jacques** Mehler James Donald Meindl Paul R. Mendes-Flohr Josef Michl Fergus Graham Burtholme Millar Ira Martin Millstein Nicholas Avrion Mitchison Luis Carlos Moll Navarre Scott Momaday Calvin Cooper Moore Michael Edward Moseley Rov Parviz Mottahedeh Alice Munro Philip Needleman Marc Leon Nerlove Maria Iandolo New Philippe Pierre Nozieres Sandra Dav O'Connor Dennis D. M. O'Leary Seiii Ozawa Herbert Pardes Mary Lou Pardue Charles Dacre Parsons Ronald Howard Paulson Marjorie Gabrielle Perloff John Pocock Elio Secondo Raviola Joseph Raz Nicholas Rescher Paul Linford Richards Faith Ringgold Daniel Roche Antone Kimball Romney Robert Rosenthal N. C. Jacob Rothschild

Valery A. Rubakov Malvin Avram Ruderman Margarita Salas Bengt Ingemar Samuelsson **Ed Parish Sanders** Andrew Victor Schally Frederick Franklin Schauer Peter H. Schiller Jerome Borges Schneewind **Roy Frederick Schwitters** James C. Scott Nadrian C. Seeman Lore Segal **Richard Serra** Sydney Sharpless Shoemaker **Roger Valentine Short** Richard Leon Sidman James H. Simons Maxine Frank Singer Nathan Sivin John Brooks Slaughter Robert Merton Solow Howard Stein Richard B. Stewart Ursula Beate Storb Lubert Strver Noboru Sueoka Norman Sutin William W. Tait Ratan N. Tata Hugh Pettingill Taylor, Jr. Jacques Leon Tits Alain Louis Jules Francois Touraine George Henry Trilling Jonathan William Uhr Emil Raphael Unanue Dale J. Van Harlingen Helen Hennessy Vendler Bill Viola Miguel Virasoro Diana Harrison Wall Patty Jo Watson Wlodzimierz Jozef Wesolowski Harrison Colyar White Shmuel Winograd Niklaus Wirth George Masters Woodwell Edward Anthony Wrigley Tai Tsun Wu Larry James Young Israel Zelitch Philip G. Zimbardo Jacob Ziv

ACADEMY STAFF

Joni Aldrich

Director of Catering Operations joni.aldrich@amacad.org (617) 576-5062

Krista Argiropolis Membership Elections Coordinator kargiropolis@amacad.org (617) 576-5047

Phyllis Bendell Editor in Chief pbendell@amacad.org (617) 576-5085

Tammy Cafiso-Bernard

Executive Assistant tbernard@amacad.org (617) 576-5003

Key Bird Assistant Editor kbird@amacad.org

(617) 576-5072 Maggie Boyd

(617) 576-5037

Archivist mboyd@amacad.org (617) 441-6124

Natalia Carbullido Assistant Director of Development ncarbullido@amacad.org

Kate Carter Senior Program Officer for Science, Engineering, and Technology kcarter@amacad.org (617) 441-6117

Melissa Chan Program Coordinator for Education mchan@amacad.org (617) 441-6107

Susan Chudd Director of Human Resources & Organizational Development schudd@amacad.org (617) 576-5092

Jonathan Cohen Joan and Irwin Jacobs Senior Program Officer for American Institutions, Society, and the Public Good jcohen@amacad.org (617) 576-5021 **Daniel Cuzzolino**

Chief of Staff and Director of Strategic Initiatives dcuzzolino@amacad.org (617) 576-5070

Joseph Dumer Director of Information Technology jdumer@amacad.org (617) 441-6110

Kimberlee Eberle-Sudré Program Director for Education keberlesudre@amacad.org (617) 576-5024

Kelsey Ensign Louis W. Cabot Humanities Policy Fellow kensign@amacad.org (617) 576-5073

Alison Franklin Chief Communications Officer afranklin@amacad.org (617) 576-5043

Carolyn Fuqua Program Officer for the Humanities Indicators cfuqua@amacad.org (617) 441-6182

Eduardo Gonzalez Program Officer for Civil Justice egonzalez@amacad.org (617) 576-5040

Kristin Gustafson Director of Membership Information and Elections kgustafson@amacad.org (617) 576-5017

Shelly Jackson Director of Finance sjackson@amacad.org (617) 576-5028

Alan Johnson Events Coordinator ajohnson@amacad.org (617) 576-5042

Kristin Josti Events Manager kjosti@amacad.org (617) 576-5032

Jeanna Kinnebrew

Director of the Annual Fund jkinnebrew@amacad.org (617) 576-5015

Zachey Kliger

Program Associate for American Institutions, Society, and the Public Good zkliger@amacad.org (617) 576-5039

Michele Lavoie

Director of Archives mlavoie@amacad.org (617) 441-6128

Jessica Lieberman

Senior Program Officer for American Institutions, Society, and the Public Good jlieberman@amacad.org (617) 441-6125

Victor Lopez

Program Associate for American Institutions, Society, and the Public Good vlopez@amacad.org (617) 576-5084

Joanne Manning

Manager of Financial Analysis jmanning@amacad.org (617) 576-5046

Laurie McDonough

Morton L. Mandel Director of Membership Engagement Imcdonough@amacad.org (617) 441-6172

Patrick Meade

Membership Engagement Manager pmeade@amacad.org (617) 576-5095

Makhi Miles Staff Accountant mmiles@amacad.org (617) 576-5029

Sara Mohr

Carl & Lily Pforzheimer Humanities Policy Fellow smohr@amacad.org (617) 576-5074

ACADEMY STAFF

Mark Murphy Director of Institutional Giving mmurphy@amacad.org (617) 576-5049

Alex Parker-Guerrero Communications Specialist and Mandel Presidential Fellow aparkerguerrero@amacad.org (617) 576-5034

Laurie L. Patton Incoming President Ipatton@amacad.org (617) 576-5010

Sarah Perry Salesforce Associate, Membership Information and Elections sperry@amacad.org (617) 576-5007

Mitch Poulin Program Associate for Global Security and International Affairs mpoulin@amacad.org (617) 576-5054

Scott Raymond Creative Director sraymond@amacad.org (617) 576-5006

Mark Robinson Executive Officer mrobinson@amacad.org (617) 576-5023

Peter Robinson Chief Program Officer probinson@amacad.org (617) 441-6186

Ginger Saariaho Chief Advancement Officer gsaariaho@amacad.org (617) 576-5057

Ottawa Sanders Raymond Frankel Nuclear Security Policy Fellow osanders@amacad.org (617) 576-5014 **Tony Shivers**

Government Relations Officer tshivers@amacad.org (617) 576-5075

Jennifer Smith

Program Associate for Science, Engineering, and Technology jsmith@amacad.org (617) 441-6183

Jose Sosa

Facilities Coordinator jsosa@amacad.org

Kara Stepanian

Director of Individual and Planned Giving kstepanian@amacad.org (617) 576-5016

Betsy Super

Program Director for American Institutions, Society, and the Public Good bsuper@amacad.org (617) 576-5002

Robert B. Townsend

Program Director for Humanities, Arts, and Culture rtownsend@amacad.org (617) 576-5082

Catherine Van Ness

Program Officer for Education cvanness@amacad.org (617) 576-5083

Peter Walton

Senior Editor pwalton@amacad.org (617) 576-5019

Jennie Wood

Associate Director for Stewardship and Communication jwood@amacad.org (617) 576-5038

Hannah Zuccaro

Human Resources and Recruitment Coordinator hzuccaro@amacad.org (617) 576-5069

Bulletin of the American Academy of Arts & Sciences

136 Irving Street, Cambridge, MA 02138 617-576-5000 • bulletin@amacad.org • www.amacad.org

Bulletin Fall 2024 • Volume LXXVIII, No. 1 © 2024 by the American Academy of Arts & Sciences

EDITORIAL STAFF

Phyllis S. Bendell, Editor in Chief Peter Walton, Senior Editor Key Bird, Assistant Editor Scott Raymond, Creative Director

ACADEMY BOARD OF DIRECTORS

Goodwin Liu, Chair Paula J. Giddings, Vice Chair Stephen B. Heintz, Vice Chair Earl Lewis, Secretary Laurie L. Patton, President (as of January 2025) Kenneth L. Wallach, Treasurer Philip N. Bredesen Margaret A. Hamburg John Mark Hansen Cherry A. Murray David M. Rubenstein Deborah F. Rutter Larry J. Shapiro Anna Deavere Smith Shirley M. Tilghman Jeannette M. Wing Judy Woodruff

PHOTO CREDITS

Martha Stewart Photography: pages 4 (left), 24–25, 62, 73–74, 75 (top right, middle, and bottom right), 76–77, and 82 (middle and right); Todd Balfour: page 4 (right); iStock.com/P_Wei: pages 12–13; iStock.com/SDI Productions: page 14; Noah Willman: pages 18, 56 and 71; iStock.com/OlegAlbinsky: page 21; Caroline Gutman, Maen Hammad, Adam Perez, and Cindy Elizabeth: page 26 (clockwise from top left); Hagoy's Photography: page 28; Kelsey Ensign: page 29; Todd Cheney Photography: pages 31 and 69; iStock.com/LuckyBusiness: pages 32–33; iStock.com/Rattankun Thongbun: page 34; Daniel Bayer: page 35; iStock.com/Dmitry Kovalchuk: page 36; Peter Walton: pages 37–38; Jen Smith: pages 39 and 61; iStock.com/Imaginima: pages 40–41; iStock.com/guerbeet: page 42; Outside of the Kansas City Public Library Parking Garage. © 2007 by Jonathan Moreau. Published under a CC BY-NC-ND 2.0 Deed license: pages 44–45; Sameer A. Khan: page 46; iStock.com/jacoblund: page 47; Joseph Moore: page 50; Robert B. Townsend: page 51; U.S. Army Corps of Engineers: pages 52–53; SCAPE: page 54; Courtesy of the Medical Society Consortium: page 57; Kelsey Schuch: page 58; Jeff Fitlow: page 59 (top); Leo Curran: page 59 (bottom); iStock.com/iniriam-doerr: page 60; Eric Craig Studios: page 72; Michael DeStefano: page 75 (top left and bottom left); Jeff Weiner Photography, LLC: page 78; Rice University Photo Services: page 79; Dan Renzetti/Yale University: page 82 (left); Published under a Creative Commons CCO 1.0 Universal Public Domain Dedication license: page 86 (Sojourner Truth and W.E.B. Du Bois); iStock.com/naphtalina: page 114

The Bulletin of the American Academy of Arts & Sciences (ISSN 0002–712X) is published quarterly by the American Academy of Arts & Sciences, 136 Irving Street, Cambridge, MA 02138. Periodicals rate postage paid at Boston, MA, and at additional mailing offices. Postmaster: Send address changes to Bulletin, American Academy of Arts & Sciences, 136 Irving Street, Cambridge, MA 02138.

The views expressed in the *Bulletin* are those held by each contributor and are not necessarily those of the Board of Directors and Members of the American Academy of Arts & Sciences.

AMERICAN ACADEMY OF ARTS & SCIENCES Norton's Woods 136 Irving Street Cambridge, MA 02138-1996 USA www.amacad.org

