

National Academy
of Medicine



Annual Report 2016

Leadership. Innovation. Impact.
for a healthier future

CONTENTS

About the National Academy of Medicine	2
Letter from the President	3
Organizational Chart	4
2016-2017 NAM Council	5
Our Impact	
Vital Directions for Health & Health Care, 7	
Clinician Well-Being & Resilience, 8	
Healthy Longevity Grand Challenge, 9	
Culture of Health Program, 10	
Human Gene Editing Initiative, 11	
Prizes & Awards, 12	
Emerging Leaders Forum, 12	
Program Highlights	
Leadership Consortium for a Value & Science-Driven Health System, 13	
Health Policy Educational Programs & Fellowships, 14	
Innovation to Incubation, 15	
Richard & Hinda Rosenthal Symposium, 15	
DC Public Health Case Challenge, 15	
Member Spotlight	
Members Elected in 2016, 17	
Select Member Achievements in 2016, 18	
Member Awards, 19	
2016 Annual Meeting, 20	
Publications	21
Finances	23
Donor Recognition	25
Remembering Ralph Cicerone	42
In Memoriam	43
Contact Information	44

About the National Academy of Medicine

Founded in 1970 as the Institute of Medicine (IOM), the National Academy of Medicine (NAM) is one of three Academies that make up the National Academies of Sciences, Engineering, and Medicine (the National Academies) in the United States. Operating under the 1863 Congressional charter of the National Academy of Sciences, the National Academies are private, nonprofit institutions that work outside of government to provide objective advice on matters of science, technology, and health. Studies from the National Academies are often congressionally mandated or commissioned by government agencies, and their recommendations can have lasting impact on domestic and global policy.

Who We Are

An independent, evidence-based scientific advisor. The NAM is committed to applying scientific rigor and objective evidence to achieve balanced, authoritative solutions to complex challenges in health. To carry out our work, we harness the talents and expertise of accomplished, thoughtful volunteers and undertake meticulous processes to avoid and balance bias. Our foundational goal is to be the nation's most reliable source for credible scientific and policy advice on matters concerning human health.

A national academy with global scope. In this increasingly interconnected world, good health knows no borders. Although the National Academies were originally created to advise the U.S. government and advance the well-being of the U.S. population, our mandate is now much broader. The NAM includes members from across the globe and partners with organizations worldwide to address challenges that affect us all.

Committed to catalyzing action and achieving impact. We seek to identify and generate momentum around critical issues in health; marshal diverse expertise to build evidence-based solutions; inspire action through collaboration and public engagement; and foster the next generation of leaders and innovators.

Collaborative and interdisciplinary. In partnership with the National Academy of Sciences, the National Academy of Engineering, and other stakeholders, the NAM draws on expertise across disciplines and domains to advance science, policy, and practice in health, medicine, and their many intersecting fields. Reflecting our conviction that health impacts should be a consideration in all policy decisions, we lend health and medical expertise to the broader endeavors of the Academies, including work in social sciences and education, earth and life sciences, transportation, technology, and more.

An honorific society for exceptional leaders. The NAM has more than 2,000 U.S. and international members elected by their peers in recognition of outstanding achievement in health, medicine, and intersecting fields. Our members—nearly 50 of whom are Nobel laureates—are the architects of major scientific breakthroughs, policy leaders in the United States and abroad, exceptional care practitioners, and many of the brightest minds in academia. Through a commitment to volunteer service, NAM members help guide the work and advance the mission of the NAM and the National Academies.

An inscription near the entrance to the Keck Center, where more than 1,000 employees of the National Academies report to work every day, bears a quote from Albert Einstein: **“The right to search for truth implies also a duty; one must not conceal any part of what one has recognized to be true.”**

I find it fitting that the dedicated staff of the National Academies of Sciences, Engineering, and Medicine pass this reminder every morning. Too often, our society casts science as a dry and passionless endeavor, a step removed from the world in which we operate on a daily basis.

This is wrong. Science, as Einstein put it so aptly, is the *search for truth*. Boundless curiosity, a drive to better understand our world, is central to our shared humanity and responsible for every technological advancement we enjoy today. This is why, I believe, Einstein refers to the pursuit of knowledge as a *right*.

Science cures diseases, lifts nations out of poverty, and breaks down false and harmful barriers between us. Science protects our families' health, our increasingly interconnected global populations, and our complex and fragile ecosystems. In short, science helps us reach our full potential, both as individuals and in the long trajectory of human progress. Therefore, we must understand science, and defend it, as a right.

Einstein further contends that, as scientists, we have a *duty*. Often, in the search for truth, we reach conclusions that counter a treasured hypothesis or political priority. In these cases, more than any other, we must be entirely open and transparent. Science is in danger when it becomes the instrument of an agenda. In other words, to preserve our right to scientific inquiry, we must protect its integrity.

The principle that science is both a right and a duty is at the heart of our mission at the National Academy of Medicine (NAM). In the current climate, where trust in the authority of established institutions seems to be eroding, this mission is more important than ever. However, while Einstein admonishes us not to “conceal” the truth, I contend that we, as leaders in the scientific community, must go a step further. We must actively promote understanding of science and the dissemination of evidence-based information that can improve people's lives.

In 2016, the NAM made important strides toward this goal with a sustained focus on field leadership, capacity building, and strategic planning. In the pages that follow, you'll find more detail on our special initiatives and ongoing programs—from advising the new presidential administration on priorities for health and health care to building a culture of health in every community in America.

In the year ahead, we will redouble our efforts to advise the nation and the world, to identify and respond to emerging challenges, to catalyze action and achieve impact, and to promote the importance of science wherever we go.



Victor J. Dzau, MD
President

Organizational Chart

Leadership

President

Victor J. Dzau
Chief of Staff: Morgan Kanarek

Home Secretary

Jane E. Henney

Foreign Secretary

Margaret A. Hamburg

Leonard D. Schaeffer Executive Officer

J. Michael McGinnis

Operations

Communications

Laura DeStefano
Associate Director

Council & Membership

Meg McCoy
Director

Development

Julie Ische
Acting Director

Finance & Administration

Adrienne Anzanello
Director

Planning & Advancement

Kimber Bogard
Senior Officer

Programs & Activities

Action Collaborative on Clinician Well-Being & Resilience (Charlee Alexander, *Program Manager*)

Culture of Health Program (Kimber Bogard, *Director*)

DC Public Health Case Challenge

Emerging Leaders Forum (Meg McCoy, *Director*)

Global Health Risk Framework

Health Policy Educational Programs & Fellowships (Marie Michnich, *Director*)

Healthy Longevity Grand Challenge (Elizabeth Finkelman, *Program Manager*)

Human Gene Editing Initiative (with the National Academy of Sciences)

Innovation to Incubation (Kimber Bogard, *Director*)

Leadership Consortium for a Value & Science-Driven Health System (J. Michael McGinnis, *Executive Director*)

NAM Distinguished Lecture Series

NAM Perspectives

Richard & Hinda Rosenthal Symposium

Vital Directions for Health & Health Care (Elizabeth Finkelman, *Program Manager*)

2016-2017 NAM Council

The NAM is governed by a Council composed of NAM members elected by the membership.

Victor J. Dzau, MD, Chair

Tadataka Yamada, MD, Vice Chair
Venture Partner
Frazier Healthcare Partners

Margaret Hamburg, MD
Foreign Secretary

Jane E. Henney, MD
Home Secretary

Nancy E. Adler, PhD
Professor of Medical Psychology
Director, Center for Health and Community
University of California, San Francisco

Nancy Andrews, PhD, MD
Vice Chancellor and Dean
Duke University School of Medicine

Sheila P. Burke, MPA, RN
Faculty Research Fellow
Malcolm Weiner Center for Social Policy
John F. Kennedy School of Government
Harvard University

R. Alta Charo, JD
Warren P. Knowles Professor of Law & Bioethics
School of Law
School of Medicine and Public Health
University of Wisconsin–Madison

Angela Diaz, MD, MPH
Jean C. and James W. Crystal Professor of Adolescent
Health
Icahn School of Medicine at Mount Sinai

Jack E. Dixon, PhD
Associate Vice Chancellor, Scientific Affairs
Distinguished Professor
University of California, San Diego

Mark C. Fishman, MD
Professor of Stem Cell and Regenerative Biology
Harvard University

Elaine Fuchs, PhD
Investigator, Howard Hughes Medical Institute
Laboratory Head of Mammalian Cell Biology and
Development
The Rockefeller University

Lynn R. Goldman, MD, MPH

Dean, School of Public Health and Health Services
Professor, Environmental and Occupational Health
The George Washington University

Diane E. Griffin, MD, PhD
Distinguished University Service Professor
Johns Hopkins Bloomberg School of Public Health

H. Robert Horvitz, PhD
Investigator, Howard Hughes Medical Institute
Professor of Biology
Massachusetts Institute of Technology

Steven E. Hyman, MD
Harvard University Distinguished Service Professor
Director, Stanley Center for Psychiatric Research
Broad Institute of MIT and Harvard

Raynard Kington, MD, PhD
President
Grinnell College

Gilbert Omenn, MD, PhD
Professor of Computational Medicine and
Bioinformatics, Internal Medicine, Human Genetics,
and Public Health
University of Michigan

J. Sanford (Sandy) Schwartz, MD
Leon Hess Professor of Medicine, Health Management
and Economics
Perelman School of Medicine and Wharton School of
Business
University of Pennsylvania

William W. Stead, MD
Associate Vice Chancellor for Health Affairs
Chief Strategy Officer
McKesson Foundation Professor of Biomedical
Informatics and Medicine
Vanderbilt University Medical Center

Keith R. Yamamoto, PhD
Vice Chancellor for Science Policy and Strategy
Vice Dean for Research, School of Medicine
Professor, Department of Cellular and Molecular
Pharmacology
University of California, San Francisco

Our Impact

In 2016, we committed to progress toward six major priorities:

- 1 Providing expertise and guidance on U.S. and global policy on health and health care
- 2 Identifying and responding to urgent and emerging challenges in health and medicine
- 3 Leading and inspiring action around bold goals for health and medicine
- 4 Eliminating health disparities, with a focus on population health and fostering environmental factors that promote good health
- 5 Fostering interdisciplinary collaborative partnerships for innovation in health and medicine
- 6 Recognizing and promoting excellence in health and medicine and fostering the next generation of leaders

Vital Directions for Health & Health Care

As America's most trusted health advisor, the NAM is committed to identifying the most pressing health and medical challenges and informing health leaders and policy makers about effective, evidence-based solutions. To that end, the NAM launched Vital Directions for Health & Health Care to bring together leading experts from across the nation to identify the most promising opportunities to improve health and health care in the United States. The initiative was formed in anticipation of a new presidential administration and with the recognition that, despite significant advancements, the nation still faces critical health challenges.

By design, Vital Directions is not a consensus study. To rapidly and effectively inform an uncertain, post-election policy environment, an innovative, dynamic, and flexible process was required. To meet this need, the NAM commissioned more than 150 of the country's most respected experts to assess 19 prominent issue areas and recommend priority actions to achieve measurable progress in each. These recommendations were published in a series of peer-reviewed papers as NAM *Perspectives* and in the *Journal of the American Medical Association*.

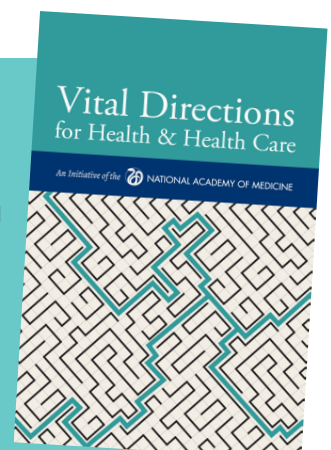
In September 2016, the NAM held a public symposium to collect stakeholder feedback to inform the Vital Directions steering committee's final summary publication. This final paper, published in March 2017, presents a streamlined framework of four key action priorities and four essential infrastructure needs for achieving better health and well-being, high-value health care, and strong science and technology.

A central message emerging from the Vital Directions initiative is that policy makers and health leaders need to rise above partisan policy debates and focus on fundamental priorities necessary to improve health in America. The NAM has met extensively with members of Congress and the executive branch, and is reaching out to policy makers and stakeholders at all levels to make them aware of the Vital Directions framework and the resources available to them through the National Academies. The NAM will continue to build awareness and facilitate action around the Vital Directions framework throughout 2017. Access the complete collection of Vital Directions resources at nam.edu/VitalDirections.

Vital Directions Steering Committee

Victor J. Dzau, MD, NAM (Co-Chair)
Mark McClellan, MD, PhD, Duke Margolis Health Policy Center (Co-Chair)
Sheila Burke, MPA, RN, Harvard Kennedy School
Molly J. Coye, MD, AVIA
Hon. Thomas Daschle, The Daschle Group
Angela Diaz, MD, MPH, Mount Sinai School of Medicine
Hon. William Frist, MD, Vanderbilt University
Martha E. Gaines, JD, LL.M., University of Wisconsin Law School
Margaret Hamburg, MD, NAM
Jane Henney, MD, NAM

Shiriki Kumanyika, PhD, MPH, University of Pennsylvania
Hon. Michael O. Leavitt, Leavitt Partners
Ruth Parker, MD, Emory University School of Medicine
Lewis Sandy, MD, UnitedHealth Group
Leonard D. Schaeffer, University of Southern California
Glenn D. Steele, Jr., MD, PhD, xG Health Solutions
Pamela Thompson, MS, RN, American Hospital Association (ret.)
Elias Zerhouni, MD, Sanofi



Clinician Well-Being & Resilience

Every year in the United States, about 400 physicians take their own lives—a rate more than double that of the general population. Physicians experience high rates of depression, burnout, and poor work-life balance. This phenomenon cuts across all ages, stages, and career paths—from trainees to senior practitioners. And these challenges are not unique to physicians. Nurses and other clinicians experience similar effects on performance, health, and well-being.

Bottom line: The people we rely on to keep us healthy may not be healthy themselves. This fact is not only worrying in and of itself—it also has serious implications for patients. Clinician burnout has been linked to increased medical errors and patient dissatisfaction. In short, the health of our nation requires that our clinician workforce is healthy, resilient, and functioning at its highest capacity.

Recognizing the breadth and urgency of this issue, the National Academy of Medicine launched a first-of-its-kind Action Collaborative on Clinician Well-Being and Resilience in December 2016. Chaired by NAM president

Victor J. Dzau and co-chaired by Darrell Kirch, president and CEO of the Association of American Medical Colleges, and Thomas Nasca, CEO of the Accreditation Council for Graduate Medical Education, the Collaborative will work to improve clinician well-being and resilience through a dynamic network of more than 50 national organizations, including clinician and consumer groups as well as health care organizations and policy-making bodies. In particular, the Collaborative will work to (1) assess and understand the underlying causes of clinician burnout and suicide, and (2) advance solutions that reverse negative trends in clinician well-being. Activities of the Collaborative will include literature reviews, creation of a knowledge-sharing hub, public workshops, a strategic communications campaign, and a possible consensus study.

For more information and to get involved:
nam.edu/ClinicianWellBeing



“Emotional well-being is not just about the absence of mental illness. It’s about our ability to achieve our full potential. That’s extremely important for everyone, and particularly for clinicians.”

—Former U.S. Surgeon General Vivek H. Murthy at the inaugural meeting of the NAM Action Collaborative on Clinician Well-Being & Resilience

Healthy Longevity Grand Challenge

In a new initiative currently in its planning stages, the NAM will seek to make breakthroughs in healthy longevity by catalyzing innovation and scientific progress through challenge prizes and awards. The Healthy Longevity Grand Challenge is the inaugural entry in the NAM's Grand Challenges in Health and Medicine program.

Human beings are living longer than ever before, thanks to dramatic advances in medicine, public health, and economic and social progress. Exciting innovations in science and technology have potential to improve quality of life as we age, and even extend the lifespan. We can envision—just on the horizon—an explosion of potential new medicines, treatments, technologies, and preventive strategies that

could help revolutionize the way we age. It has never been more urgent to support the next breakthroughs in healthy longevity.

The Healthy Longevity Grand Challenge will aim to inspire and incubate transformative ideas

through challenge prizes and awards, expert guidance, and public engagement. Oversight for the program will be provided by the NAM's governing Council, a design committee, and a selection committee. The NAM is seeking

visionary individuals to spread the word and support the effort through our Longevity Leadership Network. Fundraising is under way for the first \$25 million phase of the initiative.

For more information and to get involved:

nam.edu/HealthyLongevity



Challenge Design Committee

Nancy Adler, PhD, University of California, San Francisco

Mark C. Fishman, MD, Harvard University

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

Marc Hodosh, Co-Creator, TEDMED

Edward W. Holmes, MD, Sanford Consortium for Regenerative Medicine

Robert Horvitz, PhD, Howard Hughes Medical Institute and Massachusetts Institute of Technology

Keith Powers, Engaged Partners; Powerful Concepts, LLC; and Start Up Maui!

Jack Rowe, MD, Columbia University Mailman School of Public Health

Mark Walport, FRS, FRCP, FRCPath, FMedSci, UK Government Chief Scientific Advisor

Tachi Yamada, Frazier Healthcare Partners

Culture of Health Program

Individual health is shaped by many economic and social factors, such as income, education, access to high-quality health care, geography, and race and ethnicity. Uneven access to conditions that are needed for good health across the United States has been well documented, as have the poor effects on health that result—not only for individuals but also for their families and society.

The NAM's Culture of Health Program, funded by the Robert Wood Johnson Foundation, is a multiyear collaborative effort to identify strategies to create and sustain conditions that support equitable good health for all Americans.

In January 2017, the National Academies released the first in a series of consensus studies from the program: *Communities in Action: Pathways to Health Equity*. The report concluded that system-level changes are needed to reduce poverty, eliminate structural racism, lessen income inequality, increase educational opportunity, and mitigate laws and policies that perpetuate structural inequities. All actors in society—residents and community-based organizations, in partnership with businesses, state and local government, anchor and faith-based institutions—have an important role to play in promoting health equity and building a culture of health.

To disseminate findings from the *Communities in Action* report and continue to foster public engagement around the concepts of health equity and the social determinants of health, the NAM will undertake a major outreach and relationship-building campaign throughout 2017. The campaign will include interactive stakeholder meetings, a community listening tour, tailored digital tools, a community health video and interview series, and a long-term project to “incubate” action at the community level, among other activities. Planning is also under way for additional consensus studies. To become involved in our Culture of Health activities, please visit nam.edu/CultureofHealth.



Human Gene Editing Initiative

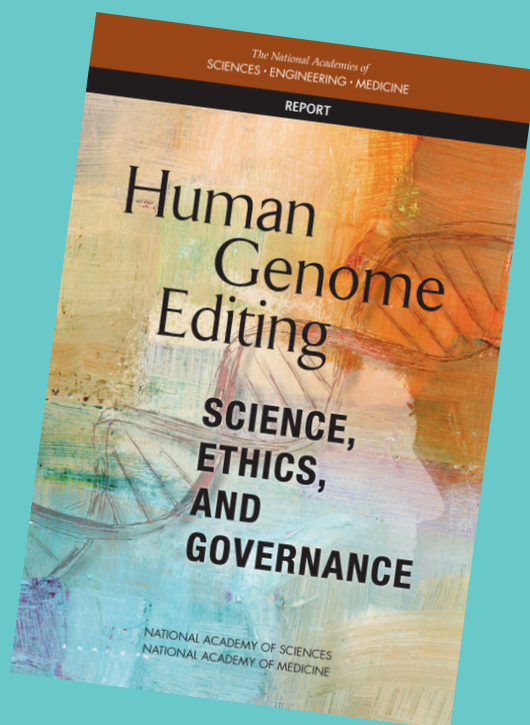
In February 2017, as part of the ongoing NAM/ National Academy of Sciences (NAS) Human Gene Editing Initiative, the NAM and NAS released the landmark consensus report *Human Genome Editing: Science, Ethics, and Governance*. The report was authored by a diverse committee of experts from around the world, including representatives from Canada, China, Egypt, France, Israel, Italy, and the United Kingdom. The committee, co-chaired by NAM member Alta Charo and NAM/NAS member Richard Hynes, assessed existing literature and met with stakeholders to generate recommendations for governance and scientific development and create an ethical framework to guide international use of this rapidly-developing technology.

The committee found that clinical trials for genome editing of the human germline—adding, removing, or replacing DNA base pairs in gametes or early embryos—could be permitted in the future, but only for serious conditions under stringent oversight, as outlined in the report. The committee also noted that policy making surrounding human genome editing applications should incorporate public participation, and that funding of genome editing research should include support to study the sociopolitical, ethical, and legal aspects and evaluate efforts to build public communication and engagement on these issues. The report was met with broad interest from the international media. The NAM and NAS are also continuing to engage policy makers, industry representatives, scientists, disease advocacy communities, and members of the public around issues raised in the report.

Previously, the Human Gene Editing Initiative gathered more than 500 scientists and ethicists from around the world at an International Summit co-hosted by the NAM, NAS, the Chinese Academy of Sciences, and the United Kingdom's Royal Society. The summit marked the first time nations had gathered to discuss human gene editing in a collaborative forum.

The Human Gene Editing Initiative has built an ongoing, dynamic network across national and disciplinary boundaries that is likely to set the tone for future developments in the development and use of this technology. Planning for follow-on summits in China and the United Kingdom is under way for coming years.

For more information: **nationalacademies.org/Gene-Editing**.



Prizes & Awards

The **Rhoda and Bernard Sarnat International Prize in Mental Health** was established in 1992 by Rhoda and Bernard Sarnat out of their commitment to improving the science base and delivery of mental health services. This international award recognizes individuals, groups, or organizations for outstanding achievement in improving mental health and is accompanied by a medal and \$20,000. The 2016 Sarnat Prize was presented to **Steven Hyman, MD**, of the Broad Institute for his leadership in furthering understanding and treatment of psychiatric disorders as biological diseases; and to **Sir Robin Murray, FRS**, of Kings College London for his work integrating the biological, environmental, and social aspects of schizophrenia and thereby improving the lives of patients and families. More information and to nominate: nam.edu/Sarnat

The **Gustav O. Lienhard Award for Advancement of Health Care**, established in 1986, is presented by the NAM annually in honor of Gustav O. Lienhard, Chairman of the Robert Wood Johnson Foundation's (RWJF's) Board of Trustees from 1971 to 1986. The award—a medal and \$40,000—recognizes individuals for outstanding achievement in improving health care services in the United States. Support for the award is provided by RWJF. The 2016 Lienhard Award was presented to **David Cella, PhD**, of Northwestern University Feinberg School of Medicine for his pioneering work to measure and apply patient-reported outcomes in health care. More information and to nominate: nam.edu/Lienhard

Emerging Leaders Forum

The Emerging Leaders Forum was established in 2016 to increase the NAM's engagement with exceptional early-career professionals working in biomedical science, health care delivery, health policy, and related fields. The forum facilitates opportunities for mentorship, collaboration, and innovation among the emerging leaders,

NAM members, and experts across sectors. Forum members also provide valuable input and feedback to help shape NAM priorities and sustain the Academy's impact and reputation as a national leader in advancing knowledge and accelerating progress in science, medicine, policy, and health equity.

2017-2018 Membership Roster

Diedra C. Crews, MD, ScM, Johns Hopkins University School of Medicine; **Lori Freedman, PhD**, University of California, San Francisco; **Christopher Friese, PhD, RN, AOCN, FAAN**, University of Michigan School of Nursing; **Sandeep Kishore, MD, PhD, MSc**, Icahn School of Medicine at Mount Sinai; **Margaret (Gretchen) L. Schwarze, MD, MPP**, University of Wisconsin; **Julie Segre, PhD**, National Human Genome Research Institute; **Kimberly Snyder, MPH**, FDA Center for Tobacco Products; **Sohail Tavazoie, MD, PhD**, The Rockefeller University; **Y. Claire Wang, MD, ScD, MS**, Columbia University Mailman School of Public Health; **Joseph C. Wu, MD, PhD**, Stanford University School of Medicine; **Ramnik Xavier, MD, ChB**, Massachusetts General Hospital, Harvard Medical School, and Broad Institute

PROGRAM HIGHLIGHTS

Leadership Consortium for a Value & Science-Driven Health System

The Leadership Consortium is comprised of national leaders and innovators from major stakeholder sectors and organizations who share a common commitment to transformational progress in the effectiveness and value of health care, attainment of a health system that continuously learns and improves, and better health for all Americans. The Leadership Consortium works through the activities of its member organizations, as well as through four Innovation Collaboratives and two leadership networks. Each Innovation Collaborative is devoted to stewarding and facilitating cooperative projects and shared energies on the issues most important for advancing science and value in health and health care.

Innovation Collaboratives

Care Culture and Decision Making
Clinical Effectiveness Research
Digital Learning
Value Incentives and Systems Innovation

Networks

Patient and Family Leadership Network
Executive Leadership Network for a Continuously Learning Health System

Membership Roster

Mark B. McClellan, MD, PhD (*Chair*), Duke-Margolis Center for Health Policy; **David Blumenthal, MD, MPP**, The Commonwealth Fund; **Susan DeVore, MS**, Premier, Inc.; **Judith Faulkner, MS**, Epic Systems; **David T. Feinberg, MD, MBA**, Geisinger Health System; **Joseph J. Fifer, FHFMA, CPA**, Healthcare Financial Management Association; **Patricia A. Gabow, MD, MACP**, Denver Health (formerly); **Atul Gawande, MD, MPH**, Ariadne Labs, Brigham & Women's Hospital, and Harvard School of Public Health; **Julie L. Gerberding, MD, MPH**, Merck & Co., Inc.; **Paul Grundy, MD, MPH, FACOEM, FACPM**, IBM; **Brent C. James, MD, MStat**, Intermountain Healthcare; **Gary Kaplan, MD**, Virginia Mason Health System; **Gregory F. Keenan, MD**, AstraZeneca; **Darrell G. Kirch, MD**, Association of American Medical Colleges; **Richard E. Kuntz, MD, MS**, Medtronic; **Peter Long, PhD**, Blue Shield of California Foundation; **James L. Madara, MD**, American Medical Association; **Mark E. Miller, PhD**, MedPAC; **Ameet Nathwani, MD**, Sanofi US; **Mary D. Naylor, PhD, RN**, University of Pennsylvania; **William D. Novelli, MA**, Georgetown University and Coalition to Transform Advanced Care; **Sally Okun, RN, MMHS**, PatientsLikeMe; **Harold Paz, MD, MS**, Aetna; **Jonathan B. Perlin, MD, PhD**, HCA, Inc.; **Richard Platt, MD, MS**, Harvard Medical School; **Richard J. Pollack, MPA**, American Hospital Association; **Peter J. Pronovost, MD, PhD, FCCM**, Johns Hopkins Medicine; **Murray N. Ross, PhD**, Kaiser Permanente; **John W. Rowe, MD**, Columbia University; **Craig E. Samitt, MD, MBA, FACP**, Anthem, Inc.; **Lewis G. Sandy, MD**, UnitedHealth Group; **Leonard D. Schaeffer**, University of Southern California; **Joe Selby, MD, MPH**, Patient-Centered Outcomes Research Institute; **Mark D. Smith, MD, MBA**, California Health Care Foundation; **Jennifer Taubert, MBA**, Johnson & Johnson; **Marta Tellado, MA, PhD**, Consumers Union; **Reed V. Tuckson, MD**, Tuckson Health; **Debra B. Whitman, PhD, MA, AARP**; *Leadership in Transition*, Association of Schools and Programs of Public Health. *Ex-Officio*: **Poonam Alaigh, MD, MSHCPM, FACP**, Department of Veterans Affairs; **Sharon Arnold, PhD**, Agency for Healthcare Research and Quality; **Francis Collins, MD, PhD**, National Institutes of Health; **James Macrae, MA, MPP**, Health Resources & Services Administration; **Stephen Ostroff, MD**, Food and Drug Administration; **Anne Schuchat, MD**, Centers for Disease Control and Prevention; **David J. Smith, MD**, Department of Defense; **Seema Verma, MPH**, Centers for Medicare & Medicaid Services; **Don Wright, MD, MPH**, Department of Health & Human Services.

Health Policy Educational Programs and Fellowships

The NAM's Health Policy Educational Programs and Fellowships enrich the experience of early- and mid-career professionals and foster the next generation of health and medical leaders. These programs provide outstanding scientists, scholars, and practitioners a role in health policy development on a national scale. In turn, these exceptional individuals act as ambassadors for evidence-based decision making in policies that affect the health of all Americans.

Robert Wood Johnson Foundation Health Policy Fellows—2016–2017 Class

Daryll Dykes, MD, JD, PhD, Medical and Surgical Spine Consultants of Minnesota, PLLC

Elena Elkin, PhD, MPA, Memorial Sloan Kettering Cancer Center and Weill Cornell Medical College

Christopher Friese, PhD, RN, AOCN, FAAN, University of Michigan School of Nursing

Christine Gleason, MD, University of Washington, Seattle

Susie Nanney, PhD, MPH, RD, University of Minnesota

Josephine Nguyen, MD, Uniformed Services University of the Health Sciences

Daniel Ochylski, DNP, MS, RN, Independent Nursing Services Inc.

Punam Ohri-Vachaspati, PhD, RD, Arizona State University

FDA Tobacco Regulatory Science Fellowship—2016 Class and Placements Within the Center for Tobacco Products at the Food and Drug Administration

Babita Das, PhD, Office of Science

Alison Kulas, MSHP, Office of Health Communication and Education

Dana Lauterstein, PhD, Office of Science

Michelle Snortland, MBA, Office of Compliance and Enforcement

NAM Fellowship

Jennie H. Kwon, DO, NAM Fellow in Osteopathic Medicine, 2016–2018

Sean C. Lucan, MD, MPH, James C. Puffer, MD/American Board of Family Medicine Fellow, 2016–2018

Jonathan H. Watanabe, PharmD, PhD, NAM Fellow in Pharmacy, 2016–2018

James F. Burke, MD, MS, Gilbert S. Omenn Fellow, 2015–2017

Brendan Saloner, PhD, Greenwall Fellow in Bioethics, 2015–2017

Hanni Stoklosa, MD, MPH, American Board of Emergency Medicine Fellow, 2015–2017

Brownsyne M. Tucker, MD, MPH, MS, Norman F. Gant/American Board of Obstetrics and Gynecology Fellow, 2015–2017



Above: American Board of Emergency Medicine Fellow Hanni Stoklosa addresses NAM members at the 2016 Annual Meeting.

Innovation to Incubation

Innovation to Incubation (i2I) champions innovative ideas and cultivates pathways to action to increase the NAM's impact on the future of health and health care. i2I leverages the NAM's long-standing role as a neutral convener to build productive networks, facilitate cross-sector collaboration, and assemble resources around emerging needs and existing priorities. In 2016, i2I continued an ongoing "incubation" project to facilitate state-level action around recommendations from the 2015 report *Transforming the Workforce for Children Birth Through Age 8: A Unifying Foundation*. Thus far, the project has assembled 8 state teams and more than 30 national organizations to build networks and provide technical assistance as plans are developed. Other current i2I projects include the development of an edited volume of papers focusing on the intersection of health equity and social justice.

Richard & Hinda Rosenthal Symposium

For more than 25 years, the NAM has hosted an annual symposium to bring greater attention to critical health issues worldwide. Starting in 2016, the Rosenthal Symposium will be held outside Washington, DC, to increase its reach and impact. The 2016 symposium was co-hosted with the University of Washington in Seattle and focused on "Precision Population Health," with a keynote by Susan Desmond-Hellmann of the Bill & Melinda Gates Foundation.

DC Public Health Case Challenge

The DC Public Health Case Challenge aims to promote interdisciplinary, problem-based learning around a public health issue that faces the Washington, DC, community. Local university teams are given a case, written by students from participating universities, that provides background information on a local public health problem. Teams then have a limited amount of time to devise a comprehensive intervention, which they present to an expert panel of judges. The 2016 case was "The Changing American City and Implications for Health and Well-Being of Vulnerable Populations." The team from George Washington University took home the Grand Prize, while Howard University and Uniformed Services University of the Health Sciences each won a Practicality Prize, and American University received the Harrison C. Spencer Interprofessional Prize.

Below: Participants in the 2016 Challenge.



Member Spotlight

The NAM has approximately 2,100 members selected in recognition of distinguished professional achievement and the commitment to protecting and advancing health through volunteer service in the activities of the NAM and other groups in the Academies. Each year, NAM members elect 70 U.S. members and up to 10 international members to join their ranks from a large pool of exceptional nominees. Election to the NAM reflects the respect and admiration that individuals have earned from their peers in the fields of health and medicine and other related disciplines. *Below: Members of the Class of 2015*



Members Elected in 2016

Anissa Abi-Dargham, MD, Stony Brook University and Columbia University

Anita Allen, JD, PhD, University of Pennsylvania

Maria Jose Alonso, PharmD, PhD, University of Santiago de Compostela, Spain

Masayuki Amagai, MD, PhD, Keio University School of Medicine and RIKEN Center for Integrative Medical Sciences, Japan.

Cheryl Ann Marie Anderson, PhD, MPH, MS, University of California, San Diego

Peter Brian Bach, MD, MAPP, Memorial Sloan Kettering Cancer Center

Bonnie L. Bassler, PhD, Howard Hughes Medical Institute and Princeton University

Andrew William Bazemore, MD, MPH, Robert Graham Center for Policy Studies in Family Medicine and Primary Care

Per-Olof Berggren, PhD, Karolinska Institute, Sweden

Karen Faith Berman, MD, National Institute of Mental Health Intramural Research Program, National Institutes of Health

Stefano Bertozzi, MD, PhD, University of California, Berkeley

Leslie Glenn Biesecker, MD, National Human Genome Research Institute, National Institutes of Health

Agnes Binagwaho, MD, PhD, Harvard Medical School

Antonello Bonci, MD, National Institute on Drug Abuse, National Institutes of Health

Malcolm K. Brenner, MA, MB, BChir, PhD, FRCP, FRCPATH, Baylor College of Medicine

L.D. Britt, MD, MPH, Eastern Virginia Medical School

Deborah Watkins Bruner, RN, PhD, FAAN, Emory University and Fox Chase Cancer Center

Robert M. Califf, MD, Duke University

Alicia Laura Carriquiry, PhD, Iowa State University

Laura L. Carstensen, PhD, Stanford University

Andrea L. Cheville, MD, MSCE, Mayo Clinic

Anne Louise Coleman, MD, PhD, University of California, Los Angeles

Kathleen Loretta Collins, MD, PhD, University of Michigan

Roger D. Cone, PhD, University of Michigan

Martha A.Q. Curley, RN, PhD, FAAN, University of Pennsylvania

Joseph L. DeRisi, PhD, University of California, San Francisco, and Chan Zuckerberg Biohub

Francis J. Doyle III, PhD, Harvard University

Karen M. Emmons, PhD, Harvard T.H. Chan School of Public Health

Elissa Sarah Epel, PhD, University of California, San Francisco

Timothy G. Evans, DPhil, MD, World Bank Group

Carol Friedman, PhD, FACMI, Columbia University

Christopher Garcia, PhD, Howard Hughes Medical Institute and Stanford University School of Medicine

Patricia J. Garcia, MD, MPH, PhD, Minister of Health for Peru

Carmen García-Peña, MD, MSc, PhD, National Institute of Geriatrics, Mexico

Martin Gaynor, PhD, Carnegie Mellon University
Lianne Gillison, M.D., Ph.D., Ohio State University

Alison M. Goate, DPhil, Icahn School of Medicine at Mount Sinai

Sarah Jane Halton, BA (Hons), University of Canberra, Australia

Paula Therese Hammond, PhD, Massachusetts Institute of Technology

Stanley L. Hazen, MD, PhD, Cleveland Clinic

Mukesh K. Jain, MD, Case Western Reserve University

Maria Jasin, PhD, Memorial Sloan Kettering Cancer Center

Prabhat Jha, OC, MD, DPhil, FCAHS, University of Toronto, Canada

Jeffrey P. Kahn, PhD, MPH, Johns Hopkins University

Melina Rae Kibbe, MD, University of North Carolina, Chapel Hill

Allan Douglas Kirk, MD, PhD, FACS, Duke University

Mark A. Krasnow, MD, PhD, Howard Hughes Medical Institute and Stanford University School of Medicine

Francis S. Lee, MD, PhD, Weill Cornell Medicine

Jake Liang, MD, National Institute of Diabetes and Digestive and Kidney Diseases, National Institutes of Health

Maureen Lichtveld, MD, MPH, Tulane University School of Public Health and Tropical Medicine

George A. Macones, MD, MSCE, Washington University School of Medicine, St. Louis

Kelsey Catherine Martin, MD, PhD, University of California, Los Angeles

Donald P. McDonnell, PhD, Duke University School of Medicine,

Bruce L. Miller, MD, University of California, San Francisco

Samir Mitragotri, PhD, University of California, Santa Barbara

Valerie Montgomery Rice, MD, Morehouse School of Medicine

John H. Morrison, PhD, University of California, Davis

Mark A. Musen, MD, PhD, Stanford University School of Medicine

K.M. Venkat Narayan, MD, MSc, MBA, Emory University

Kenneth Offit, MD, MPH, Memorial Sloan Kettering Cancer Center

James Marc Perrin, MD, FAAP, Harvard Medical School

Bernice A. Pescosolido, PhD, Indiana University

Thomas A. Rando, MD, PhD, Stanford University School of Medicine

Lynne Doreen Richardson, MD, Icahn School of Medicine at Mount Sinai

James A. Roth, DVM, PhD, College of Veterinary Medicine, Iowa State University

Paul Bennett Rothman, MD, Johns Hopkins University and Johns Hopkins Medicine

James F. Sallis Jr., PhD, University of California, San Diego

Jane E. Salmon, MD, Weill Cornell Medicine and Hospital for Special Surgery

Aziz Sancar, M.D., PhD, University of North Carolina, Chapel Hill

Tadatsugu Taniguchi, PhD, University of Tokyo and Max Planck-University of Tokyo Center for Integrative Inflammolgy, Japan

Hugh Smith Taylor, MD, Yale School of Medicine
Oyewale Tomori, DVM, PhD, Redeemer's University, Nigeria

Craig Venter, PhD, J. Craig Venter Institute and Human Longevity Inc.

Cheryl Lyn Walker, PhD, Baylor College of Medicine
David Walt, PhD, Tufts University

Huntington Faxon Willard, PhD, Howard Hughes Medical Institute, Marine Biological Laboratory, and University of Chicago

Michelle A. Williams, ScD, Harvard T.H. Chan School of Public Health

Xiaoliang Sunney Xie, PhD, Harvard University

Clyde W. Yancy, MD, Northwestern University

Michael Jerome Yaszemski, MD, PhD, Mayo Clinic

SELECT MEMBER ACHIEVEMENTS IN 2016

William G. Kaelin, Jr., of Harvard Medical School and **Gregg L. Semenza** of Johns Hopkins University School of Medicine, both members of the NAM and NAS, won the 2016 **Albert Lasker Basic Medical Research Award** “for their discovery of the pathway by which cells from humans and most animals sense and adapt to changes in oxygen availability—a process essential for survival.” Peter J. Ratcliffe also shared the prize.

In 2016, the White House recognized the winners of the National Medal of Science of the National Medal of Technology and Innovation, which are the nation's highest honors for achievement and leadership in advancing the fields of science and technology. Seven NAM members were honored:

National Medal of Science

Albert Bandura, Stanford University

Stanley Falkow, Stanford University School of Medicine

Rakesh K. Jain, Harvard Medical School and Massachusetts General Hospital

Mary-Claire King, University of Washington

National Medal of Technology and Innovation

Joseph DeSimone, University of North Carolina at Chapel Hill, North Carolina State University, and Carbon3D

Mark Humayun, University of Southern California

Cato T. Laurencin, University of Connecticut



Member Awards

Every year, NAM members vote to recognize three of their peers for exceptional service to the NAM and the National Academies.



The **Walsh McDermott Award** recognizes an NAM member for distinguished service over an extended period of time. The 2016 medal went to **Lynn Goldman**, dean and professor of environmental and occupational health at the Milken Institute School of Public Health at The George Washington University, for her nearly 30-year history of volunteer service. “I can’t think of anything I’ve done for the National Academies where I haven’t left with not only more knowledge about the subject area, but also a completely different appreciation for how to look at a question, how to work with a group, or how to interpret a set of findings,” Goldman said of her service.



The **David Rall Award** recognizes an NAM member who has demonstrated distinguished leadership as chair of a study committee or other activity, showing commitment above and beyond the usual responsibilities of the position. The 2016 medal went to **Donna Shalala**, president of the Clinton Foundation and trustee professor of political science and health policy at the University of Miami, for her chairmanship of the committee that produced the landmark report *The Future of Nursing: Leading Change, Advancing Health*. “The number 1 reason the report was so successful was timing,” Shalala said. “The nursing profession was ready to take a larger and larger role.”



The **Adam Yarmolinsky Award** recognizes exceptional service by an NAM member whose discipline falls outside the traditional health and medical fields. By institutional requirement, at least one-quarter of the NAM membership meets this criterion. The 2016 medal went to **Mary Woolley**, president and CEO of Research!America, for her record of distinguished service to the National Academies. “Research doesn’t happen in a vacuum. Health care doesn’t happen in a vacuum. There is an important context, and that’s the genius of the Academy’s requirement to elect members from outside the health sciences,” Woolley said.

2016 ANNUAL MEETING

The scientific program of the 2016 Annual Meeting was titled **“Reversing the Dramatic, 30-Year Rise in Obesity and Type 2 Diabetes.”** Margaret Chan, director general of the World Health Organization, delivered a keynote outlining a global perspective on the issue, and William H. Dietz, chair of the Sumner M. Redstone Global Center for Prevention and Wellness at The George Washington University, presented a keynote on U.S. patterns and disparities. Three scientific panels followed on drivers of obesity and type 2 diabetes, promising new approaches to clinical interventions, and evidence for strategies at the population level. The meeting closed with a special panel on the NAM’s Vital Directions for Health & Health Care Initiative, featuring remarks from Senator Tom Daschle, Risa Lavizzo-Mourey of the Robert Wood Johnson Foundation, Governor Mike Leavitt, Mark McClellan of Duke University, and Larry Tabak of the National Institutes of Health. More than 1,000 people, including NAM members and the public, participated in the program—a record-high number. Videos and slides are available at nam.edu/AnnualMeeting2016

The 2017 Annual Meeting will take place October 15-16, 2017. The scientific program will focus on **“Developmental Neurosciences: Do We Know Enough to Prevent or Reverse Major Behavioral Disorders?”** Registration will open in July 2017.

Below: NAM members Tachi Yamada, Peggy Hamburg, Victor Dzau, and Al Reece with Margaret Chan at the 2016 Annual Meeting.



PUBLICATIONS

The NAM *Perspectives* platform extends the National Academies' convening and advising functions by providing a venue for leading health, medical, science, and policy experts to share information and identify opportunities for collaboration. *Perspectives* are individually-authored papers that do not reflect consensus positions of the NAM, the National Academies, or the authors' organizations. *Perspectives* impact the field by spotlighting innovative ideas, sharing expertise and best practices, and promoting dialogue and collaboration among stakeholders. They are frequently cited in media and academic publications, are often adopted in course materials or organizational toolkits, and are the #1 driver of traffic to NAM.edu.

In 2016, the NAM published 70 new *Perspectives*. **The top 10 most-read *Perspectives* of 2016 are ranked below. See them all at nam.edu/Perspectives.**

- 1 Core Principles & Values of Effective Team-Based Health Care
- 2 Health and Medical Response to Active Shooter and Bombing Events
- 3 Ten Attributes of Health-Literate Health Care Organizations
- 4 Breaking the Culture of Silence on Physician Suicide
- 5 Considerations for a New Definition of Health Literacy
- 6 An Environmental Scan of Recent Initiatives Incorporating Social Determinants in Public Health
- 7 Beyond Survival: The Case for Investing in Young Children Globally
- 8 Information Technology Interoperability and Use for Better Care and Evidence: A Vital Direction for Health & Health Care
- 9 Addressing Social Determinants of Health & Health Disparities: A Vital Direction for Health & Health Care
- 10 Advancing the Health of Communities & Populations: A Vital Direction for Health & Health Care



A FRAMEWORK FOR
EDUCATING
HEALTH PROFESSIONALS
TO ADDRESS THE
SOCIAL DETERMINANTS
OF HEALTH



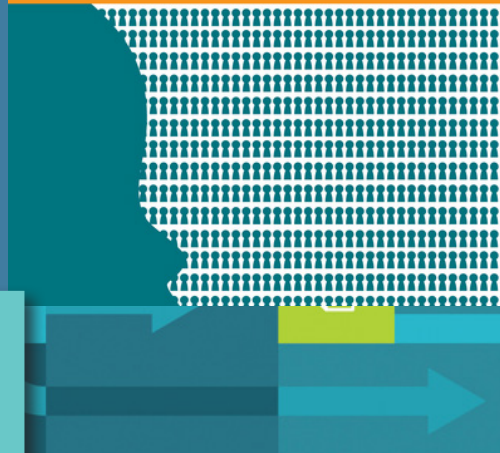
HEARING HEALTH CARE FOR ADULTS

Priorities for
Improving Access
and Affordability

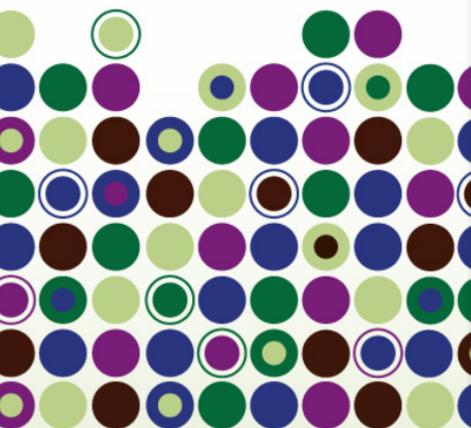
SPEECH AND LANGUAGE DISORDERS IN CHILDREN

*Implications for the Social Security Administration's
Supplemental Security Income Program*

*The National Academies of
SCIENCES • ENGINEERING • MEDICINE*



Mitochondrial Replacement Techniques ETHICAL, SOCIAL, AND POLICY CONSIDERATIONS

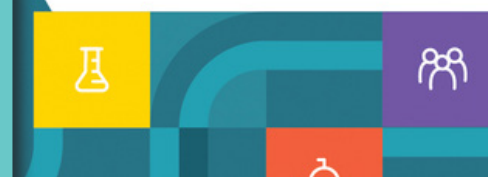


The National Academies
of Sciences, Engineering,
and Medicine published
more than two dozen
consensus reports on
health, medicine, science,
and policy in 2016.

**Find them online at
nationalacademies.org.**

Finding a Path to Safety in Food Allergy

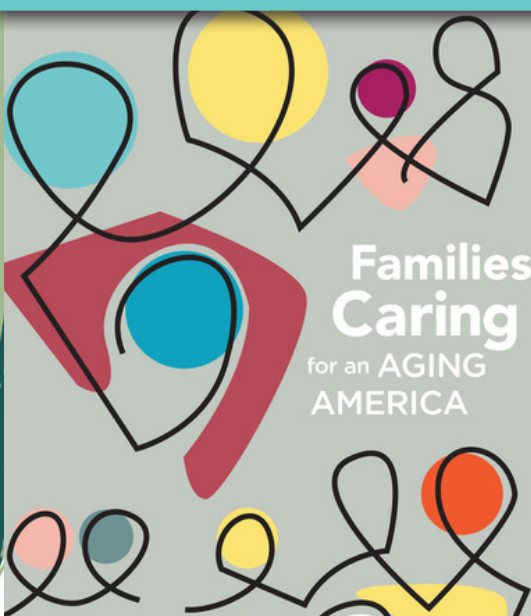
Assessment of the Global Burden,
Causes, Prevention, Management,
and Public Policy



A NATIONAL TRAUMA CARE SYSTEM

Integrating Military
and Civilian Trauma
Systems to Achieve

ZERO
Preventable
DEATHS
After Injury



**Families
Caring**
for an AGING
AMERICA

PARENTING MATTERS

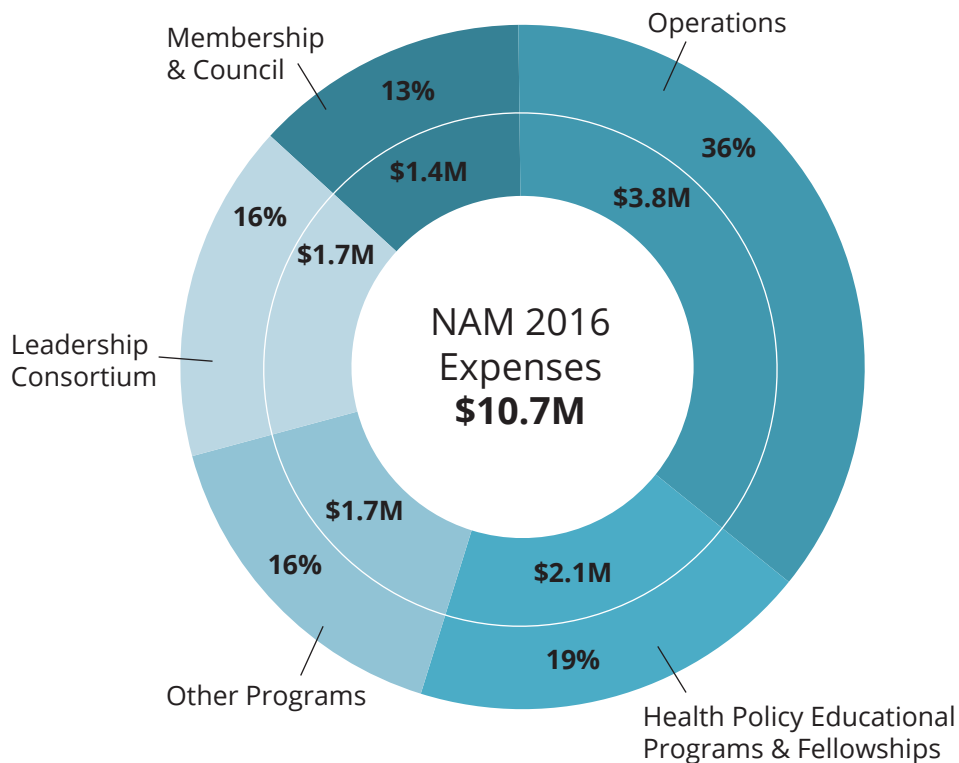
SUPPORTING PARENTS OF CHILDREN AGES 0-8



Finances

A general overview of NAM Finances (expenses and revenue) follows. Fiscal year 2016 (January–December 2016) marks the first full year of operations after the Institute of Medicine became the National Academy of Medicine.

The NAM budget supports two main areas of activity—*General Operations* (reflected in the chart below as Operations and Membership and Council) and *Program*. *General Operations* includes Executive Office activities as well as Development, Communications, Finance, Program Development, Council and Membership Services, and a share of joint National Academies expenses. *Program* includes ongoing programs such as the Health Policy Educational Programs and Fellowships and the Leadership Consortium for a Value and Science-Driven Health System, as well other programs such as Culture of Health, Global Health Risk Framework, Innovation to Incubation, DC Public Health Case Challenge, and NAM Awards.

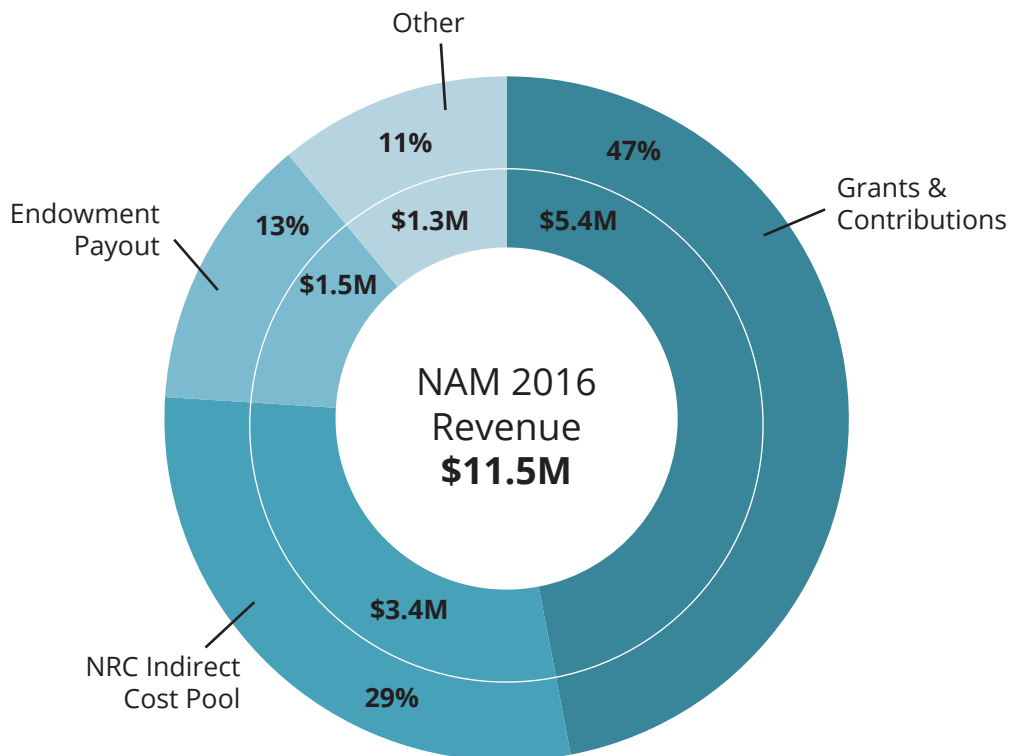


51% of expenses are dedicated to supporting programs.

36% of expenses support executive activities, including the President's Office and Executive Offices, Development, Foreign Secretary, and Home Secretary.

13% of expenses support membership and NAM Council activities.

NAM staff totaled **26** at the close of fiscal year 2016, with an additional **4** positions in active recruitment.



29% of revenue is from the indirect cost pool of the National Research Council (NRC), the primary source of funds supporting operations.

13% of revenue is from the endowment payout, which supports both operations and programs.

1.5% of NAM revenue was from the federal government in the form of a multi-year grant supporting the Tobacco Regulatory Science Fellowship.

\$797K revenue will be carried into future years.

Donor Recognition

The National Academy of Medicine extends its sincere gratitude for the generous support received from the many members, friends, staff, and philanthropic organizations that supported our work in 2016. Your gifts and grants help the NAM lead, innovate, and impact the future of health and health care. From fellowship opportunities that nurture the next generation of health and medical leaders, to advising policy makers about the path forward for health care reform, the NAM relies on philanthropic resources to undertake its many projects and activities.

During 2016, \$5,177,252 was raised from philanthropic sources. The scope and impact of these gifts and grants are significant. Highlights from the year include:

- 495 members and 16 friends of the NAM contributed \$485,577 to the annual fund, a 16% increase over 2015. An additional \$48,160 was received in support of the Harvey V. Fineberg Impact Fund. Included in the funds raised is a special challenge to the NAM Class of 2015. NAM member **Ronald Miller** (class of 1998) matched all gifts received from these new members which yielded \$23,575 from 35 new members.
- The NAM received \$685,000 to support Vital Directions in Health and Health Care, a project to provide advice to the new U.S. presidential administration and other policy leaders about next steps in health care reform. Funds were received from the **California Endowment, Commonwealth Fund, John A. Hartford Foundation, Robert Wood Johnson Foundation, Josiah Macy, Jr. Foundation,** and the **Gordon and Betty Moore Foundation.**
- The NAM Action Collaborative on Clinician Well-Being and Resilience received support of \$450,000 from a consortium of medical academies and associations. The funds raised will launch a set of collaborative activities, grounded in evidence-based knowledge to assess and understand the underlying causes of clinician burnout and suicide, and advance solutions that reverse the trends in clinician stress, burnout, and suicide.
- A grant of \$732,286 was received from the **Gordon and Betty Moore Foundation** to support Interoperability of Health Data and the Digital Platforms for Health Care, a project of the Leadership Consortium for a Value and Science-Driven Health System. These funds will support a series of strategic activities to explore and foster agreement on policies and standards among health systems to facilitate a more integrated health system based on interoperability of health data and digital platforms to accelerate the effectiveness and efficiency of care.
- Grants totaling \$1,056,621 were received from the **Robert Wood Johnson Foundation** to continue the more than four-decades-long partnership on the NAM's RWJF Health Policy Fellows Program.
- The **W.K. Kellogg Foundation, Buffet Early Childhood Institute,** and **Early Milestones Colorado** contributed a total of \$284,000 to support a project of the Innovation to Incubation program on transforming the workforce for children from birth to age eight.

These gifts and grants are just a few of the many ways in which members, friends, and organizations supported the NAM during 2016. We are grateful for the loyal support and new partnerships that enabled our work this year.

We gratefully acknowledge the support of private contributors to the National Academy of Medicine. The collective, private philanthropy of our members and friends helps to enhance the NAM's mission to lead, inspire innovation, and impact the health of all people.

Lifetime Giving

Einstein Society

In recognition of members and friends who have made lifetime contributions of \$100,000 or more to the National Academy of Sciences, the National Academy of Engineering, or the National Academy of Medicine. We acknowledge contributions made as personal gifts or as gifts facilitated by the donor through a donor-advised fund, matching gift program, or family foundation. Names in bold are NAM members.

\$10 million or more

Arnold and Mabel Beckman*
Bernard M. Gordon
Fred Kavli*
Daniel E. Koshland, Jr.*
George P. Mitchell*
Raymond and Beverly Sackler
James H. and Marilyn Simons

\$5 million to \$10 million

Donald L. Bren
William R. and Rosemary B.
Hewlett*
Peter O'Donnell, Jr.
Dame Jillian Sackler

\$1 million to \$5 million

Bruce and Betty Alberts
Richard and Rita **Atkinson**
Norman R. Augustine
Craig and Barbara Barrett
Jordan* and Rhoda Baruch
Stephen D. Bechtel, Jr.
Harry E. Bovay, Jr.*
Harvey V. Fineberg and
Mary E. Wilson
Penny and Bill George,
George Family Foundation

Cecil H. Green*
Michael and Sheila Held*
Ming and Eva Hsieh
Irwin and Joan Jacobs
Kenneth A. Jonsson*
Tillie K. Lubin*
John F. McDonnell
The Ambrose Monell
Foundation
Gordon and Betty Moore
Philip and Sima **Needleman**
Robert* and Mayari Pritzker
Richard L. and Hinda G.
Rosenthal*
Jack W. and Valerie **Rowe**
Fritz J. and Dolores H. Russ
Prize Fund of the Russ
College of Engineering
and Technology at Ohio
University
Bernard* and Rhoda Sarnat
Leonard D. Schaeffer
Sara Lee and Axel Schupf

\$500,000 to \$1 million

Rose-Marie and Jack R.*
Anderson
John and Elizabeth Armstrong
Kenneth E. Behring

Gordon Bell
Elkan R.* and Gail F. **Blout**
Carson Family Charitable
Trust
Charina Endowment Fund
Ralph J.* and Carol M.
Cicerone
James McConnell Clark
Henry David*
Richard Evans*
Eugene Garfield Foundation
Theodore Geballe
William T.* and Catherine
Morrison Golden
Alexander Hollaender*
Thomas V. Jones*
Cindy and Jeong Kim
Ralph and Claire Landau*
Asta and William W. Lang*
Ruben F.* and Donna Mettler
Dane* and Mary Louise Miller
Oliver E. and Gerda K.
Nelson*
Gilbert S. Omenn and
Martha A. Darling
Shela and Kumar Patel
William J. Rutter
Herbert A. and Dorothea P.
Simon*

Raymond S. Stata

Roy and Diana **Vagelos**

Andrew and Erna* Viterbi

Alan M. Voorhees*

Anonymous (1)

\$250,000 to \$500,000

The Agouron Institute

W. O. Baker*

Warren L. Batts

Clarence S. Coe*

Jerome H.* and Barbara N.

Grossman

William R. Jackson*

Robert L. and Anne K. James

Mary and Howard* Kehrl

Robin K. and Rose M. McGuire

Janet and Richard M.* Morrow

Ralph S. O'Connor

Kenneth H. Olsen*

Ann and Michael Ramage

Simon Ramo*

Anne and Walt Robb

Stephen* and Anne **Ryan**

Henry and Susan Samuelli

H. E. Simmons*

Judy Swanson

Ted Turner

Leslie L. Vadasz

Martha Vaughan

Charles M.* and Rebecca M.

Vest

\$100,000 to \$250,000

Holt Ashley*

Francisco J. and Hana Ayala

William F. Ballhaus, Sr.*

Thomas D.* and Janice H.

Barrow

H. H. and Eleanor F.

Barschall*

Daniel and Frances Berg

Elwyn and Jennifer Berlekamp

Diane and Norman Bernstein

Bharati and Murty Bhavaraju

Erich Bloch*

Barry W. Boehm

Paul F. Boulos

David G. Bradley

Lewis M. Branscomb

Sydney Brenner

George* and Virginia

Bugliarello

Malin Burnham

Ursula Burns and Lloyd Bean

John and Assia Cioffi

Paul Citron and Margaret

Carlson Citron

A. James Clark*

G. Wayne Clough

W. Dale and Jeanne C.

Compton*

John D. Corbett*

Ross and Stephanie Corotis

Lance and Susan Davis

Roman W. DeSanctis

Robert and Florence Deutsch

Nicholas M. Donofrio

Paul M. Doty*

Charles W. Duncan, Jr.

Ruth and **Victor Dzau**

George and Maggie Eads

Robert and Cornelia Eaton

James O. Ellis, Jr. and Elisabeth

Paté-Cornell

Dotty and Gordon England

Emanuel and Peggy Epstein

Olivia and Peter Farrell

Michiko So* and Lawrence

Finegold

Tobie and Daniel J.* Fink

George and Ann Fisher

Robert C.* and Marilyn G.

Forney

Harold K.* and Betty Forsen

William L. and Mary Kay

Friend

Christopher Galvin

William H. and Melinda F.

Gates III

Nan and Chuck Geschke

Jack and Linda Gill

Martin E. and Lucinda

Glicksman

George and Christine

Gloeckler

Christa and Detlef Gloge

Avram Goldstein*

Robert W. Gore

Paul and Judy Gray

Corbin Gwaltney

John O. Hallquist

Margaret A. Hamburg and

Peter F. Brown

William M. Haney III

George and Daphne

Hatsopoulos

John L. Hennessy

Jane Hirsh

Chad and Ann Holliday

Michael W. Hunkapiller

M. Blakeman Ingle

Richard B. Johnston, Jr.

Anita K. Jones

Trevor O. Jones

Thomas Kailath

Yuet Wai and Alvera **Kan**

Leon K. and Olga Kirchmayer*

Frederick A. Klingenstein

William I. Koch

Gail F. Koshland

Jill Howell Kramer

Kent Kresa

John W. Landis*

Janet and Barry Lang

Ming-wai Lau

Gerald and Doris **Laubach**

David M.* and Natalie

Lederman

Bonnie Berger and Frank

Thomson Leighton

Frances and George Ligler

Whitney and Betty MacMillan

Asad M., Gowhartaj, and Jamal

Madni

Davis L. Masten and
Christopher Ireland
Roger L. McCarthy
William W. McGuire
Burt and Deedee McMurtry
G. William* and Ariadna Miller
Ronald D. Miller
Stanley L. Miller*
Sanjit K. and Nandita Mitra
Joe and Glenna Moore
David* and Lindsay
Morgenthaler
Clayton Daniel and Patricia L.
Mote
Ellen and Philip Neches
Susan and Franklin M. Orr, Jr.
David Packard*
Charles and Doris Pankow*
Larry* and Carol Papay
Jack S. Parker*
Edward E. Penhoet
Allen E.* and Marilyn Puckett

Richard F. and Terri W. Rashid
Alexander Rich*
Ronald L. Rivest
Matthew L. Rogers and Swati
Mylavarapu
Henry M. Rowan*
Joseph E. and Anne P. Rowe*
Jonathan J. Rubinstein
Maxine L. Savitz
Walter Schlup*
Wendy and Eric Schmidt
David E. Shaw
Richard P. Simmons
Robert F. and Lee S. Sproull
Georges C. St. Laurent, Jr.
Arnold and Constance
Stancell
Edward C. Stone
John and Janet Swanson
Charlotte and Morris
Tanenbaum
Peter and Vivian Teets

James M. Tien and Ellen S.
Weston
Gary and Diane Tooker
James J. Truchard
John C. Wall
Robert and Joan Wertheim
Robert M.* and Mavis E.
White
John C. Whitehead*
Jean D. Wilson
Wm. A. Wulf
Ken Xie
Tachi and Leslie **Yamada**
Adrian Zaccaria
Alejandro Zaffaroni*
Janet and Jerry Zucker
Anonymous (2)

NAM Society

In recognition of members and friends of the NAM who have made lifetime contributions totaling \$20,000 to \$100,000. We acknowledge contributions made as personal gifts or as gifts facilitated by the donor through a donor advised fund, matching gift program, or family foundation. Names in bold font are NAM members.

\$75,000 to \$100,000

John K. Castle
Michael and Pat **McGinnis**
Rudi* and Sonja **Schmid**

\$50,000 to \$75,000

John R. Ball
Jacqueline K. Barton and
Peter B. Dervan
Stuart Bondurant and
Susan Ehringhaus
William H. Danforth
Delbert A. and Beverly C.
Fisher
Woodrow A. Myers, Jr.
Maxine F. Singer

Harold C. and Carol H. **Sox**
Samuel O. Thier
Robert E. Tranquada
Gail L. Warden
Torsten N. Wiesel
Anonymous (2)

\$20,000 to \$50,000

Francois M. Abboud
Nancy Adler and **Arnold**
Milstein
Dyanne D. Affonso
Jack D. Barchas
Paul Berg
Kenneth I. Berns
Maureen Bisognano

Floyd E. Bloom
Enriqueta C. Bond
Roger J. Bulger
Peggy and **Thomas Caskey**
Christine Cassel and
Michael McCally
David R. and Jacklyn A.
Challoner
Purnell W. Choppin
Ellen Wright Clayton and
Jay Clayton
Fred E. Cohen and Carolyn B.
Klebanoff
Mary Sue Coleman
Barry and Bobbi **Collier**
Colleen Conway-Welch
Pedro M. Cuatrecasas

Jane and **Worth B.* Daniels, Jr.**

Julie H. and **Robert J. Desnick**

Martha P. and **Mark C. Fishman**

Richard L. and Lois E. **Garwin**

James R. Gavin III

Tony Gotto

Bradford H. Gray

Jane E. Henney and **Robert Graham**

Martha N. Hill

William N. Hubbard, Jr.

Tony Hunter

Catherine Adams Hutt and **Peter Barton Hutt**

Nancy S. and **Thomas S. Inui**

The Henry J. Kaiser Family Foundation

Kathryn S. and **Peter S. Kim**

Tadamitsu Kishimoto

Cato and Cynthia **Laurencin**
Patricia and **George**

Lundberg

Christy and John Mack

Marie McCormick and

Robert Blendon

Bruce McEwen and Karen
Bulloch McEwen

Jane Menken

Mortimer Mishkin

Arno G. Motulsky

Van and Barbara **Mow**

Robert M. and Marilyn R.
Nerem

June E. Osborn

Herbert Pardes

William C. Richardson

Emanuel P. Rivers

Marco A. Royo

Charles A. Sanders

Randy Schekman

Donna E. Shalala

Larry J. Shapiro

Phillip A. Sharp

Kenneth I. Shine

Eric M. Shooter

Robert L. Sinsheimer

William N. Spellacy*

Joan A. and Thomas A. **Steitz**

Rosemary A. Stevens

Jeff Tarr, Sr.

Walter and Marti Unger

Peter K. Vogt

Irving L. Weissman

Nancy S. Wexler

C. Kern Wildenthal

Owen N. Witte

Mary Woolley

Warren and Nikki **Zapol**

Elias A. Zerhouni

Michael Zubkoff

Anonymous (1)

Heritage Society

In recognition of members and friends who have included the National Academy of Sciences, National Academy of Engineering, or National Academy of Medicine in their estate plans or who have made some other type of planned gift to the Academies. Names in bold are NAM members.

Andreas and Juana Acrivos

Gene M.* and Marian Amdahl

Betsy Ancker-Johnson

John C. Angus

John and Elizabeth Armstrong

Norman R. Augustine

Jack D. Barchas

Harrison H. and Catherine C.
Barrett

Stanley Baum

Clyde J. Behney

Elisabeth Belmont

Daniel and Frances Berg

Paul Berg

Elkan R.* and Gail F. **Blout**

Enriqueta C. Bond

Daniel Branton

Robert and Lillian **Brent**

Corale L. Brierley

James A. Brierley

Lenore and Rob Briskman

Kristine L. Bueche

Dorit Carmelli

Peggy and **Thomas Caskey**

A. Ray Chamberlain

Linda and **Frank Chisari**

Rita K. Chow

John A. Clements

D. Walter Cohen

Morrel H. Cohen

Stanley N. Cohen

Colleen Conway-Welch

Ross and Stephanie Corotis

Ellis and Bettsy Cowling

Molly Joel Coye

Barbara J. Culliton

Malcolm R. Currie

David and Susan Daniel

Peter N. Devreotes

Mildred S. Dresselhaus*

Gerard W. Elverum

Dotty and Gordon England

Emanuel and Peggy Epstein

Tobie and Daniel J.* Fink

Robert C.* and Marilyn G.

Forney

William L. and Mary Kay

Friend

Arthur and Helen Geoffrion
 Paul H. Gilbert
 Martin E. and Lucinda
 Glicksman
 George and Christine
 Gloeckler
 Christa and Detlef Gloge
 Joseph W. Goodman
 Chushiro* and Yoshiko
 Hayashi
 John G. Hildebrand and Gail
 D. Burd
 Nancy S. and **Thomas S. Inui**
Richard B. Johnston, Jr.
 Anita K. Jones
Jerome Kagan
 Diana S. and Michael D. King
Norma M. Lang
 Asta and William W. Lang*
 Daniel P. Loucks
 R. Duncan* and Carolyn
 Scheer Luce
 Thomas and Caroline
 Maddock
 Artur Mager*

Pat and Jim McLaughlin
Jane Menken
Arno G. Motulsky
Van and Barbara **Mow**
 Guido Munch
Mary O. Mundinger
Philip and Sima **Needleman**
 Norman F. Ness
 Ronald and Joan Nordgren
Gilbert S. Omenn and
 Martha A. Darling
 William and Constance Opie*
 Bradford W. and Virginia W.
 Parkinson
 Zack T. Pate
 Neil and Barbara Pedersen
 Frank Press
 Simon Ramo*
 James J. Reisa, Jr.
Emanuel P. Rivers
 Richard J. and Bonnie B.
 Robbins
 Eugene* and Ruth Roberts
 James F. Roth
 Esther and **Lewis Rowland**

Sheila A. Ryan
Paul R. Schimmel
Stuart F. Schlossman
Rudi* and Sonja **Schmid**
Kenneth I. Shine
Robert L. Sinsheimer
 Arnold and Constance
 Stancell
 H. Eugene Stanley
Rosemary A. Stevens
 John and Janet Swanson
 John A. Swets
 Esther Sans Takeuchi
 Paul and Pamela Talalay
Walter Unger
 John C. Wall
 Patricia Bray-Ward and David
 C. Ward
 Robert and Joan Wertheim
 Maw-Kuen Wu
 Wm. A. Wulf
 Tilahun D. Yilma
Michael Zubkoff
 Anonymous (1)

Loyalty Society

In recognition of members and friends who have made gifts to the National Academies of Sciences, Engineering, and Medicine for at least 20 years. We acknowledge contributions made as personal gifts or as gifts facilitated by the donor through a donor advised fund, matching gift program, or family foundation. Names in bold are NAM members.

Herbert L. Abrams*
 H. Norman Abramson
 Andreas and Juana Acrivos
 Bruce and Betty Alberts
 Clarence R. Allen
 Barbara W. Alpert
 Marilyn and Charles A.*
 Amann
 Wyatt W. Anderson
 John C. Angus
 Frank F. Aplan
 Edward M. Arnett
Daniel L. Azarnoff
 Donald W. Bahr
Jack D. Barchas

Jeremiah A. Barondess
 Stephen D. Bechtel, Jr.
John C. Beck*
Richard E. Behrman
 Gordon Bell
Leslie Z. Benet
Paul Berg
Kenneth I. Berns
 Diane and Norman Bernstein
Stuart Bondurant and
 Susan Ehringhaus
 Kathleen and H. Kent Bowen
Lewis M. Branscomb
 John and Sharon Brauman
 W. F. Brinkman

Alan C. Brown
 Donald D. Brown
 Harold Brown
 Kristine L. Bueche
 Jack E. Buffington
 George* and Virginia
 Bugliarello
William B. Carey
David R. and Jacklyn A.
 Challoner
Purnell W. Choppin
 James McConnell Clark
 John L. Cleasby
 John A. Clements
Linda Hawes Clever

**deceased*

Michael D. Coe
 Richard A. Conway
Max D. Cooper
 Linda A. Cozzarelli
Pedro M. Cuatrecasas
 Lawrence B. Curtis
William H. Danforth
 Igor B. Dawid
 Mary and Raymond Decker
Roman W. DeSanctis
 Nicholas M. Donofrio
 Irwin Dorros
 W. G. Ernst
Harold J. Fallon
 Gary Felsenfeld
Harvey V. Fineberg and
 Mary E. Wilson
 Tobie and Daniel J.* Fink
 Samuel C. Florman
 G. David Forney
 Robert C.* and Marilyn G.
 Forney
 Harold K.* and Betty Forsen
 T. Kenneth Fowler
 Hans and Verena
 Frauenfelder
 Carl Frieden
 Theodore V. Galambos
 Joseph G. Gall
 Ronald L. Geer
 E. Peter Geiduschek
 David V. Goeddel
 Joseph W. Goodman
 Richard M. Goody
 Paul E. Gray
 Shirley and Harry Gray
 Robert B. Griffiths
Michael Grossman
 Adam Heller
Jane E. Henney and **Robert**
Graham
 Ernest M. Henley
 David and Susan Hodges
 Edward E. Hood, Jr.
 Joseph F. Hoffman
William N. Hubbard, Jr.
 J. David Jackson*

Andre T. Jagendorf
 Robert L. and Anne K. James
 Anita K. Jones
 Richard V. Kadison
Samuel L. Katz and
Catherine M. Wilfert
Seymour J. Klebanoff*
 Max A. Kohler
 James S. and Elinor G. A.
 Langer
 Louis J. and M. Yvonne DeWolf
 Lanzerotti
 Lynn M. Larsen
Gerald and **Doris Laubach**
Judith R. Lave
 Cynthia and **Robert**
Lawrence
 Johanna M.H. Levelt Sengers
 Robert G. Loewy
 Thomas and Caroline
 Maddock
 Anthony P. Mahowald
Vincent T. Marchesi
 Hans Mark
 James F. Mathis
 Robert D. Maurer
Charles A. McCallum
 Christopher F. McKee
Mortimer Mishkin
 Peter B. Moore
 Joel Moses
Arno G. Motulsky
John H. Moxley III
 Elaine and Gerald* Nadler
 Jaya and Venky Narayanamurti
Philip and **Sima Needleman**
Robert M. and Marilyn R.
Nerem
Elena and Stuart
Nightingale
 Ronald and Joan Nordgren
 Peter O'Donnell, Jr.
Gilbert S. Omenn and
 Martha A. Darling
 Gordon H. Orians
 George W. Parshall
 Thomas K. Perkins

Gordon H. Pettengill
 Frank Press
 Donald E. Procknow*
 Simon Ramo*
 Janet and Lester* Reed
 Jerome G. Rivard
 Maxine L. Savitz
 R. Duncan* and Carolyn
 Scheer Luce
Gerold L. Schiebler
 Richard M. Schoen
 William R. Schowalter
 F. Stan Settles
Maxine F. Singer
 Raymond S. Stata
Joan A. and Thomas A. **Steitz**
Rosemary A. Stevens
 Lubert and Andrea Stryer
 F. William Studier
 Paul and Pamela Talalay
 Charlotte and Morris
 Tanenbaum
Samuel O. Thier
 Anita and George Thompson
 George H. Trilling
 Roxanne and Karl K.*
 Turekian
 Martha Vaughan
 Raymond Viskanta
 Andrew and Erna* Viterbi
Peter K. Vogt
 Irv Waaland
 George D. Watkins
 Julia and Johannes Weertman
 Robert J. Weimer
 Herbert Weissbach
 Jasper A. Welch, Jr.
 Robert M.* and Mavis E.
 White
 Evelyn M. Witkin
Gerald N. Wogan
 Wm. A. Wulf
 Anonymous (1)

Annual Giving Societies

The National Academy of Medicine gratefully acknowledges the following members and friends who made charitable contributions during 2016 to support the NAM, and those NAM members who supported the Committee on Human Rights, a joint committee of the three academies. The collective, private philanthropy of these individuals enables the NAM to fulfill its mission to build a healthier future. We acknowledge contributions made as personal gifts or as gifts facilitated by the donor through a donor advised fund, matching gift program, or family foundation.

NAM member Ronald Miller challenged all members of the class of 2015 to make a gift to the NAM during 2016. The \$30,000 challenge matched gifts and pledges made by members of this class 1:1. Donors who participated in the Challenge are noted with the ^ symbol, and are listed at the combined total of their gift and the match.

Catalyst Society

\$50,000 to \$100,000

Ruth and Victor Dzau
Jack W. and Valerie Rowe

Friends

Joon Yun

Rosette Society

\$25,000 to \$50,000

Ronald D. Miller
Leonard D. Schaeffer
Mortimer Mishkin

Challenge Society

\$10,000 to \$25,000

Stuart Bondurant and Susan Ehringhaus
Julie H. and Robert J. Desnick
Delbert A. and Beverly C. Fisher
Martha P. and Mark C. Fishman
Catherine Adams Hutt and Peter Barton Hutt
Harold C. and Carol H. Sox

Friends

Jeffrey and Claire Fluhr
Walter and Marti Unger
Ronald A. Williams

Charter Society

\$1,000 to \$10,000

Francois M. Abboud
Quarraisha and Salim S. Abdool Karim
Dyanne D. Affonso
Bobby R. Alford
Norman B. Anderson
Arthur K. Asbury
Barbara F. Atkinson
John P. Atkinson
K. Frank Austen
John R. Ball
Jack D. Barchas
Jeremiah A. Barondess
William G. Barsan
Robert Beauchamp
Arthur L. Beaudet
J. Claude Bennett
Paul Berg
Bobbie A. Berkowitz
Dennis M. Bier
Eula Bingham
Maureen Bisognano
Rena Bizios^
Lewis M. Branscomb
Claire D. Brindis
Serdar E. Bulun^
John and Denise Carethers
Charles C.J. Carpenter
Benjamin S. Carson, Sr.
Christine Cassel and Michael McCally

John Chae
David R. and Jacklyn A. Challoner
Frank A. Chervenak
E. Antonio Chiocca
Benjamin K. Chu^
Ellen Wright Clayton and Jay Clayton
D. Walter Cohen
Fred E. Cohen and Carolyn B. Klebanoff
Graham A. Colditz
Barry and Bobbi Collier
William H. Danforth
Catherine D. DeAngelis
Haile T. Debas
Mahlon R. DeLong
Susan Dentzer
Tejal A. Desai^
Roman W. DeSanctis
William H. Dietz
Dennis E. Discher^
Vishva M. Dixit
Jack and Claudia Dixon
Sue K. Donaldson
R. Gordon Douglas, Jr.
David L. Eaton
James S. Economou
Alain C. Enthoven
Diana L. Farmer
Julie A. Freischlag^
Victor R. Fuchs
Steven G. Gabbe

Norman F. Gant
 Patricia A. Ganz
 James R. Gavin III
 Melissa L. Gilliam^
 Christopher and Renee
 Glass^
 Lewis R. Goldfrank
 Bradford H. Gray
 Diane E. Griffin
 David S. Guzick
 Ashley T. Haase
 Barbara C. Hansen
 Michael R. Harrison
 Susan Hassmiller
 Jerris R. Hedges
 Jane E. Henney and Robert
 Graham
 Martha N. Hill
 H. Robert Horvitz
 Hedvig Hricak
 Betsy L. Humphreys
 Tony Hunter
 Steven E. Hyman
 Richard and Fleur Hynes
 Mae C. Jemison
 Michael M.E. Johns
 Beth Y. Karlan^
 Mary-Claire King
 Kenneth W. Kizer
 Keith P. Klugman^
 David Korn
 Edward A. and Kathryn F.
 Kravitz
 Steven M. and Elaine L.
 Larson
 Cato and Cynthia Laurencin
 Cynthia and Robert Lawrence
 Albert Lee
 Brendan and Maria Lee
 Alan and Agnes Leshner
 Maureen Lichtveld
 Ruth Watson Lubic
 Patricia and George Lundberg
 Adel A. Mahmoud
 Alexander R. Margulis
 James S. and Judith M. Marks

Donald R. Mattison
 Angela Barron McBride
 Marie McCormick and Robert
 Blendon
 Bruce McEwen and Karen
 Bulloch McEwen
 Michael and Pat McGinnis
 William W. McGuire
 Edward W. Merrill
 Joan W. Miller^
 Vincent Mor^
 James A. Morone^
 Vasant Narasimhan^
 Robert M. and Marilyn R.
 Nerem
 John E. Niederhuber
 Paul A. Offit
 Gilbert S. Omenn and Martha
 A. Darling
 Herbert Pardes
 Edward E. Penhoet
 Jonathan B. Perlin^
 Ora H. Pescovitz
 Helen and David Piwnica-
 Worms
 Thomas D. Pollard
 E. Albert Reece
 William C. Richardson
 Wayne J. Riley
 Emanuel P. Rivers
 James M. Roberts
 Judith Rodin
 Donna E. Shalala
 Iris R. Shannon
 Larry J. Shapiro
 Charles J. Sherr
 Kenneth I. Shine
 Henry R. Shinefield
 Eric M. Shooter
 Stephen M. Shortell
 Ira Shoulson
 Joe Leigh Simpson
 Maxine F. Singer
 Jeanne C. Sinkford
 Jeannette E. South-Paul

William N. Spellacy* and Lynn
 M. Larsen
 Joan A. and Thomas A. Steitz
 Judith S. Stern
 Rosemary A. Stevens
 David K. Stevenson
 Kevin Struhl^
 Chorh-Chuan Tan^
 Samuel O. Thier
 Reed V. Tuckson
 Roy and Diana Vagelos
 Gail L. Warden
 James N. Weinstein
 Myron and Linda Weisfeldt
 Myrna M. Weissman
 Nancy S. Wexler
 Jean D. Wilson
 Owen N. Witte
 Mary Woolley
 James O. Woolliscroft
 Elias A. Zerhouni
 George D. Zuidema

Friends

Gordon Baym and Cathrine
 Blom
 Helen M. Hunt
 Georges C. St. Laurent, Jr.

Other Individual Donors

Evan D. Abel^
 Gustavo D. Aguirre
 Linda H. Aiken
 Margarita Alegria
 Paula G. Allen-Meares
 David B. Allison
 Myron Allukian, Jr.
 Maria J. Alonso
 Robert J. Alpern
 Lawrence K. Altman
 Masayuki Amaga
 Kenneth C. Anderson
 Nancy C. Andrews
 Kristi S. Anseth
 Lawrence J. Appel
 Frances H. Arnold
 Kenneth J. Arrow*

Ann M. Arvin
 David A. Asch
 Karen H. Ashe
 Richard and Rita Atkinson
 Tom P. Aufderheide
 Dennis A. Ausiello
 Christopher P. Austin^
 Joan K. Austin
 Daniel L. Azarnoff
 Howard L. Bailit
 Ruzena K. Bajcsy
 Suzanne Bakken
 David Baltimore
 C. Wayne Bardin
 Jacqueline K. Barton and
 Peter B. Dervan
 Eugene A. Bauer
 Bruce J. Baum
 Ronald Bayer
 Richard E. Behrman
 Leslie Z. Benet
 John A. Benson, Jr.
 Nancy Berliner
 Kenneth I. Berns
 Andrew B. Bindman^
 Diane F. Birt^
 J. Michael Bishop
 Mina J. Bissell
 Robert E. Black
 Robert L. Black
 Helen M. Blau
 Bruce R. Blazar
 Dan G. Blazer
 R. Don Blim
 Floyd E. Bloom
 Clara D. Bloomfield
 Thomas F. Boat
 Enriqueta C. Bond
 Michael L. Boninger
 Richard J. Bonnie
 Jo Ivey Boufford
 William H. Bowen
 L. Thompson Bowles
 W. Thomas Boyce
 Bennet M. and Roscoe O.*
 Brady
 Allan M. Brandt

Paula A. Braveman
 Rachel and Henry Brem
 Malcolm K. Brenner
 Ralph L. Brinster
 Emery N. Brown
 J. Robert Buchanan
 Rebecca H. Buckley
 Joseph A. Buckwalter
 Kathleen Coen Buckwalter
 Mary B. Bunge
 Benjamin S. Bunney
 Ann W. Burgess
 Linda Burnes Bolton^
 Joseph D. Buxbaum^
 Michael L. Callahan
 Jacquelyn C. Campbell
 William B. Carey
 Eric J. Cassell
 Webster and Jill Cavenee
 Elliot L. Chaikof
 Aravinda Chakravarti
 Setsuko K. Chambers
 R. Alta Charo
 Lincoln C. Chen
 Zhu Chen
 Michael E. Chernew
 Andrea L. Cheville
 Shu Chien
 Lynda Chin
 Purnell W. Choppin
 Rita K. Chow
 Francisco G. Cigarroa
 Sarah Cleaveland^
 Linda Hawes Clever
 Jewel Plummer Cobb*
 Jordan J. Cohen
 Sheldon Cohen
 Anne L. Coleman
 Mary Sue Coleman
 Jack M. Colwill
 Patricia A. Conrad
 Joel D. Cooper
 Max D. Cooper
 Lawrence Corey
 Peter Cresswell
 Josep Dalmau^
 Ezra C. Davidson, Jr.

Nancy E. Davidson
 Joseph M. Davie
 Lisa DeAngelis
 Alan H. DeCherney
 Linda DeGutis
 Carlos M. del Rio
 John and Barbara DeLancey
 Patrick H. DeLeon
 Joel A. DeLisa
 David L. DeMets
 Phyllis A. Dennerly
 Ronald A. DePinho
 Joseph M. DeSimone
 Don E. Detmer
 Thomas F. Deuel
 Angela Diaz
 Luis A. Diaz
 Nancy Wilson Dickey
 Richard DiMarchi^
 Salvatore DiMauro
 Andrew D. Dixon
 Kenneth A. Dodge^
 Daniel B. Drachman
 Jeffrey A. Drebin
 Ronald S. Duman^
 Mitzi L. Duxbury
 Johanna T. Dwyer
 Felton Earls and Maya Carlson
 Timothy Eberlein
 Richard L. Ehman
 James Eisenach^
 David and Lucy T. Eisenberg
 Mickey and Jeanne Eisenberg
 John W. Erdman, Jr.
 Carroll L. Estes
 E. Harvey Estes, Jr.
 Caswell A. Evans, Jr.
 Ruth R. Faden
 Claire M. Fagin
 Stanley Fahn
 Harold J. Fallon
 John W. Farquhar
 Anthony S. Fauci
 Stephanie L. Ferguson
 Donna M. Ferriero
 Lee A. Fleisher
 Loretta C. Ford

Stephen P. Fortmann
 Henry W. Foster, Jr.
 James G. Fox
 Julio J. Frenk
 Linda P. Fried
 Jeffrey M. Friedman
 Dennis G. Fryback
 Elena Fuentes-Afflick
 Margaret T. Fuller
 Terry T. Fulmer
 Fred H. Gage
 Mitchell H. Gail
 E. John Gallagher
 Stephen J. Galli
 Vanessa Northington Gamble
 Theodore G. Ganiats
 Helene D. Gayle
 Michael S. Gazzaniga
 Robert J. Genco
 Naomi Lynn Gerber
 Ronald N. Germain
 John P. Geyman
 Irma Gigli
 Sid Gilman
 David Ginsburg
 Linda C. Giudice
 Seymour and Brenda Glick
 Alfred L. Goldberg
 Bernard D. Goldstein
 Francisco Gonzalez-Scarano
 Enoch Gordis
 Emil C. Gotschlich
 Patricia A. Grady
 Joe W. Gray
 Margie and Larry A. Green
 John S. and Deborah
 Greenspan
 M.R.C. Greenwood
 Robert C. Griggs
 Paul F. Griner
 Michael Grossman
 Fernando A. Guerra
 Walter Guralnick
 Victoria G. Hale
 Charles B. Hammond
 Paula T. Hammond
 Stephen W. Hargarten

Charlene A. Harrington
 Maxine Hayes
 William R. Hazzard
 Sean Hennessy^
 Carol P. Herbert
 Arthur L. Herbst
 Howard H. Hiatt
 Eve Higginbotham and Frank
 Williams
 Kurt and Rochelle Hirschhorn
 Helen H. Hobbs
 Tomas Hokfelt
 King K. Holmes
 Susan Band Horwitz
 James S. House
 William N. Hubbard, Jr.
 James M. Hughes
 Barbara S. Hulka
 Louis Ignarro
 Donald E. Ingber
 Sharon K. Inouye
 Thomas S. Inui
 Kurt J. Isselbacher
 Brian Jack
 Richard J. Jackson
 Elaine Sarkin Jaffe
 Brent C. James
 Maria Jasin
 Marjorie K. Jeffcoat
 Renee R. Jenkins
 Frances E. Jensen^
 Dilip V. Jeste
 Julie A. Johnson
 Timothy Johnson
 Timothy S. Jost
 Alexandra L. Joyner
 Michael M. Kaback
 Roger D. Kamm
 Morris J. Karnovsky
 Nancy Kass
 Jerome P. Kassirer
 Michael B. Kastan
 Daniel Kastner
 Michael Katz and Robin J. Roy
 Samuel L. Katz and Catherine
 M. Wilfert
 Lydia Kavraki

Robert P. Kelch
 Elliott D. Kieff
 Kathryn S. and Peter S. Kim
 Sung Wan Kim
 Lonnie J. King
 Patricia A. King
 Darrell G. Kirch
 Tadimitsu Kishimoto
 Claude B. Klee
 Charles R. Kleeman
 Mary Anne Koda-Kimble
 Peter O. Kohler
 Richard D. Kolodner
 Richard D. Krugman
 John H. Krystal
 Casimir A. Kulikowski
 Shiriki K. Kumanyika
 Nathan Kuppermann
 Ann Kurth
 Michael D. Lairmore
 Norma M. Lang
 Christian P. Larsen
 Joyce C. Lashof
 Judith R. Lave
 David M. Lawrence
 Wendy and Ted Lawrence
 Quynh-Thu T. X. Le
 Michael L. LeFevre
 Howard Leventhal
 Myron M. Levine
 Jianan Li
 T. Jake Liang
 George Lister
 Iris F. Litt
 Charles J. Lockwood
 Irving M. London
 Guillermina Lozano
 Stephen Ludwig
 Ann C. Macaulay
 Peter and Marlene MacLeish
 George A. Macones
 Gerald L. Mandell
 Audrey F. Manley
 JoAnn E. Manson
 Vincent T. Marchesi
 Eve E. Marder
 James D. Marks

Paul A. Marks
 Michael Marletta and
 Margaret Gutowski
 Robert R. Marshak
 Barry and Adrienne Marshall
 George M. Martin
 Joseph B. Martin
 Kelsey C. Martin
 Manuel Martinez-Maldonado
 Ida M. Martinson
 Bettie Sue S. Masters
 Rowena and Larry Matthews
 Jonna Mazet
 Elizabeth R. McAnarney
 Charles A. McCallum
 Laurie K. McCauley^
 Mark B. McClellan
 Roger O. McClellan
 Hugh O. McDevitt
 Elizabeth A. McGlynn
 Afaf I. Meleis
 Bernadette Mazurek
 David O. Meltzer^
 Jane Menken
 Emmanuel Mignot and
 Servane Briand
 Antonios G. Mikos
 Lloyd B. Minor
 Chad A. Mirkin
 Beverly S. Mitchell
 Richard T. Miyamoto
 Thomas W. Moloney
 Jonathan D. Moreno
 John Morrison
 Arno G. Motulsky
 Van and Barbara Mow
 John H. Moxley III
 Louis J. Muglia
 Fitzhugh Mullan
 Alicia H. Munnell
 Susan A. Murphy
 Milap C. Nahata
 Carl F. Nathan
 Jack Needleman
 Philip and Sima Needleman
 Eric J. Nestler
 Liz and Ben Neufeld

Duncan B. Neuhauser
 Robert and Kathleen
 Neumar^
 Maria Iandolo New
 Jennifer R. Niebyl
 Elena and Stuart Nightingale
 Robert L. Nussbaum
 Godfrey P. Oakley
 Charles P. O'Brien
 Seiji Ogawa
 Olufunmilayo F. Olopade
 Suzanne Oparil
 Walter A. Orenstein
 Harry T. Orr
 Sten Orrenius
 Joseph S. Pagano
 Peter Palese
 Guy H. Palmer
 Ira H. Pastan
 William E. Paul*
 Nicholas A. Peppas
 Denis J. Pereira Gray
 Edward B. Perrin
 James M. Perrin
 Christine Petit
 Martin A. Philbert
 Robert and Katherine Phillips
 Theodore L. Phillips
 Marina Picciotto
 Daniel S. Pine
 Vivian W. Pinn
 Philip A. Pizzo
 Jeffrey L. Platt
 John Edward Porter
 Jerome B. Posner
 Kathleen M. Potempa
 Deborah E. Powell
 Jennifer M. Puck
 Stephen R. Quake
 Thomas C. Quinn
 Mitchell T. Rabkin
 Amelie G. Ramirez
 Marilyn J. Rantz
 Uwe E. Reinhardt
 Robert D. Reischauer
 Charles C. Richardson
 Barbara K. Rimer

Neil J. Risch
 Jim E. Riviere
 Saul A. Rosenberg
 Cornelius Rosse
 James Roth
 David R. Rubinow
 Erkki Ruoslahti
 David D. Sabatini
 Yoel Sadovsky
 Ismail A. Sallam
 Jane E. Salmon
 Marla E. Salmon
 David Satcher
 Peter T. Scardino
 Randy Schekman
 Joseph E. Scherger
 Gerold L. Schiebler
 Paul R. Schimmel
 Fritz H. Schroder
 Steven A. Schroeder
 Mark A. Schuster
 Alan L. Schwartz
 J. Sanford and Susan Schwartz
 Debra A. Schwinn
 Matthew P. Scott
 Susan C. Scrimshaw
 Donald W. Seldin
 Jaime Sepulveda
 Martin J. Sepulveda
 Michael N. Shadlen
 Carla J. Shatz
 Kevan M. Shokat
 Edward H. Shortliffe
 Paul A. Sieving
 Samuel C. Silverstein
 Robert L. Sinsheimer
 Jonathan S. Skinner
 David J. Skorton
 James P. Smith
 Lloyd H. Smith, Jr.
 Richard J. Smith
 Frank E. Speizer
 David Spiegel
 Deepak Srivastava
 Joseph W. St. Geme III
 Douglas O. Staiger^
 John R. Stanley

William and Janet Stead
 Donald M. Steinwachs
 Andy Stergachis
 Robert Straus
 Kevin Struhl^
 Chorh-Chuan Tan^
 Paul C. Tang
 Gerald E. Thomson
 William M. Tierney
 Eric J. Topol
 Robert E. Tranquada
 Emil R. Unanue
 Harold E. Varmus
 Sten H. Vermund
 Barbara Vickrey
 Bruce C. Vladeck
 Peter K. Vogt
 Edward H. Wagner
 Robert B. Wallace
 Edward E. Wallach
 Christopher T. Walsh
 David Walt and Michele May

Diane W. Wara
 Kenneth E. Warner
 Judith Wasserheit
 Connie M. Weaver
 Sheldon Weinbaum
 Elizabeth E. Weiner
 Arthur Weiss
 Ralph Weissleder
 Thomas E. Wellems and
 Marilyn I. Powell
 Zena Werb
 John B. West
 Carolyn L. Westhoff
 Raymond P. White, Jr.
 Jeanine P. Wiener-Kronish
 Richard S. Wilbur
 Diana J. Wilkie
 James T. Willerson
 Charles B. Wilson
 Linda S. and Paul A. Wilson
 Dyann F. Wirth
 Phyllis M. Wise

Tachi and Leslie Yamada
 Keith R. Yamamoto
 Laurence R. Young
 Huda Y. Zoghbi
 Kathryn C. Zoon

Friends

Barbara W. Alpert
 O'Neill Barrett, Jr.
 Utpal Bhattacharya
 Frances Henry
 Julie Ische
 Erika C. Manning
 Sandra H. Matthews
 Margaret A. McCoy
 Michael Murphy and Karen
 Gundersen
 Marianne Tropp and Chris
 Loughner
 Sarah Widner-Hess

Below: Donors are honored at a luncheon during the 2016 NAM Annual Meeting



Tributes

In honor of **Robert Brent** by Frank A. Chervenak
In honor of **David Discher** by Dennis E. Discher
In honor of **Victor Dzau** by Sharon K. Inouye
In honor of **Harvey Fineberg** by Susan C. Scrimshaw and J. Sanford and Susan Schwartz
In honor of **Elena Fuentes** by Ora H. Pescovitz
In honor of **William Holzemer** by Diana J. Wilkie
In honor of **Richard B. Johnston** by Godfrey P. Oakley
In honor of **Julius Richmond** by Graham A. Colditz
In honor of **Judith Shamir** by Elena Fuentes-Afflick

In memory of **John A. Butler** by Graham A. Colditz
In memory of **David S. Greer** by Vincent Mor
In memory of **Melvin Grumbach** by Robert L. Black
In memory of **John R. Hogness** and **Donald S. Fredrickson** by Walter and Marti Unger
In memory of **James P. Hughes** by James M. Hughes
In memory of **Mitsuo Inouye** by Sharon K. Inouye
In memory of **Reyes Alvarez Jimenez** by Paula A. Braveman
In memory of **Henry Krystal** by John H. Krystal
In memory of **Theresa Manson** by JoAnn E. Manson
In memory of **Robert Sherman Masters** by Bettie Sue S. Masters
In memory of **Walsh McDermott** by Eric J. Cassell
In memory of **Janet Davison Rowley** by Olufunmilayo F. Olopade
In memory of **Geoffrey Shellam** by Barry and Adrienne Marshall
In memory of **William N. Spellacy** by Lynn M. Larsen
In memory of **Joseph Struhl** by Kevin Struhl

Foundations, Corporations, and Other Organizations

In recognition of foundations, corporations, and other organizations that have given gifts or grants totaling \$1 million or more to the National Academy of Sciences, the National Academy of Engineering, or the National Academy of Medicine. Names in bold have supported both the NAM and the former IOM.

Lifetime

\$25 million or more

Carnegie Corporation of New York

The Ford Foundation

The Bill & Melinda Gates Foundation

The Robert Wood Johnson Foundation

The Kavli Foundation

W. M. Keck Foundation

W. K. Kellogg Foundation

The Koshland Foundation

\$10 million to \$25 million

Arnold and Mabel Beckman Foundation

The Charles Stark Draper Laboratory

The William and Flora Hewlett Foundation
Howard Hughes Medical Institute
The John D. and Catherine T. MacArthur Foundation
The Andrew W. Mellon Foundation
 The Cynthia and George Mitchell Foundation
 Raymond & Beverly Sackler Foundation, Inc.
 Simons Foundation
Alfred P. Sloan Foundation

\$5 million to \$10 million

Michael and Susan Dell Foundation
 The Grainger Foundation
 The Irvine Company
Kaiser Permanente
Merck & Company, Inc.
Gordon and Betty Moore Foundation
The Pew Charitable Trusts
The Rockefeller Foundation

\$1 million to \$5 million

Aetna Foundation
American Board of Family Medicine
American Cancer Society, Inc.
American Legacy Foundation
 American Public Transportation Association
America's Health Insurance Plans Foundation
Amgen, Inc.
Laura and John Arnold Foundation
 Association of American Railroads
AstraZeneca Pharmaceuticals LP
 AT&T Corporation
 Atkinson Family Foundation
 The Atlantic Philanthropies (USA)
 Craig & Barbara Barrett Foundation
 Battelle
 S. D. Bechtel, Jr. Foundation
Blue Shield of California Foundation
 The Boeing Charitable Trust
 The Boeing Company
Breast Cancer Research Foundation
Bristol-Myers Squibb Company
Burroughs Wellcome Fund
The California Endowment

California HealthCare Foundation
 Margaret A. Cargill Foundation
CDC Foundation
 Chevron Corporation
 Chrysler Group LLC
The Commonwealth Fund
 The Dow Chemical Company
 E.I. du Pont de Nemours & Company
 Eastman Kodak Company
The Ellison Medical Foundation
ExxonMobil Corporation
ExxonMobil Foundation
 Ford Motor Company
 Foundation for Child Development
 Foundation for Food and Agriculture Research
 General Electric Company
 General Motors Company
GlaxoSmithKline
Google Inc.
William T. Grant Foundation
 Great Lakes Protection Fund
The Greenwall Foundation
The John A. Hartford Foundation, Inc.
 Leona M. and Harry B. Helmsley Foundation
 Hewlett-Packard Company
 Hsieh Family Foundation
 Intel Corporation
International Business Machines Corporation
Johnson & Johnson
The JPB Foundation
 JSM Charitable Trust
 Ewing Marion Kauffman Foundation
The Susan G. Komen Breast Cancer Foundation
 Daniel E. Koshland, Jr. Family Fund
The Kresge Foundation
Eli Lilly and Company
 Lockheed Martin Corporation
 Richard Lounsbery Foundation
 Lumina Foundation for Education
Josiah Macy, Jr. Foundation
Merck Company Foundation
Microsoft Corporation
The Ambrose Monell Foundation
Monsanto Company
National Multiple Sclerosis Society

Northrop Grumman Corporation

Northrop Grumman Foundation

Novartis Pharmaceuticals Corporation**Nuclear Threat Initiative**

O'Donnell Foundation

The David and Lucile Packard Foundation**Peter G. Peterson Foundation****Pfizer, Inc.**

Robert Pritzker Family Foundation

Research Corporation for Science

Advancement

Rockefeller Brothers Fund**Richard & Hinda Rosenthal Foundation****Sanofi-Aventis**

Shell Oil Company

The Spencer Foundation

The Starr Foundation

The Wellcome Trust**Robert W. Woodruff Foundation**

Xerox Corporation

Annual

In recognition of foundations, corporations, and other organizations that have given gifts or grants to support the National Academy of Medicine in 2016.

Abbott Fund Matching Grant Plan

ABIM Foundation

Academy Health

Accreditation Council for Continuing Medical Education

Accreditation Council for Graduate Medical Education

Aetna, Inc.

American Academy of Family Physicians

American Academy of Neurology

American Association for Physician Leadership

American Association of Colleges of Nursing

American Board of Family Medicine

American Board of Medical Specialties (ABMS)

American College of Physicians

American College of Surgeons

American Hospital Association

American Medical Association

American Psychiatric Association

American Society of Anesthesiologists

Association of American Medical Colleges

AstraZeneca Pharmaceuticals LP

AWAB, Incorporated

The AYCO Charitable Foundation

Bank of America Charitable Gift Fund

The Bill & Melinda Gates Foundation

Blue Shield of California Foundation

Branscomb Family Foundation

Brewster Foundation

Buffett Early Childhood Institute

Burroughs Wellcome Fund

California Health Care Foundation

The Commonwealth Fund

The Council of Medical Specialty Societies

RG & AM Douglas Foundation

Early Milestones Colorado

Eli Lilly and Company

Epic

Fidelity Charitable Gift Fund

Greater Kansas City Community Foundation

The John A. Hartford Foundation, Inc.

HCA Inc.

Herbst Family Foundation

Humana, Inc.

International Business Machines Corporation

International Diabetes Federation

International Health Foundation

Raymond James Charitable Endowment Fund

The Robert Wood Johnson Foundation

Josiah Macy, Jr. Foundation

The Katz Family Foundation

W. K. Kellogg Foundation

The McKnight Foundation

MEDNAX Services, Inc.

Medtronic, Inc.

Merck & Company, Inc.

Miami Foundation
Milbank Memorial Fund
The Gordon and Betty Moore Foundation
Morgan Stanley Smith Barney Global Impact
Funding Trust, Inc.
National Governors Association
Network For Good
Palo Alto Institute
Premier Healthcare Alliance
Qatar Foundation
The Rockefeller Foundation
The Rowe Family Foundation
Schwab Charitable Fund
The Seattle Foundation

Singapore Health Services
Society of Academic Emergency Medicine
TIAA-CREF
Toronto General
Travel and Transport
United Healthcare
University of Alabama
University of California, Irvine
University of Maryland Faculty Physicians, Inc.
Vanguard Charitable Endowment Program
The Wellcome Trust
Zerhouni Family Charitable Foundation, Inc.

We have made every effort to list donors accurately and according to their wishes. If we made an error, please accept our apologies and contact the Office Development at (202) 334-1342 so that we may correct our records.

Below: Statuette honoring members of the NAM's Einstein Society



Remembering Ralph Cicerone



Ralph J. Cicerone, president of the National Academy of Sciences from 2005 until 2016, passed away on November 5, 2016. He is deeply missed.

Dr. Cicerone's research in atmospheric chemistry, climate change and energy involved him in shaping science and environmental policy at the highest levels nationally and internationally. He received a number of honorary degrees and many awards for his scientific work. Among the latter, the Franklin Institute recognized his fundamental contributions to the understanding of greenhouse gases and ozone depletion by selecting Dr. Cicerone as the 1999 laureate for the Bower Award and Prize for Achievement in Science. One of the most prestigious American awards in science, the Bower Award also recognized his public policy leadership in protecting the global environment. In 2001, he led a National Academy of Sciences study of the current state of climate change and its impact on the environment and human health, requested by President Bush. The American Geophysical Union awarded Dr. Cicerone its James B. Macelwane Award in 1979 for outstanding contributions to geophysics by a young scientist and its 2002 Roger Revelle Medal for outstanding research contributions to the understanding of Earth's atmospheric processes, biogeochemical cycles, and other key elements of the climate system. In 2004, the World Cultural Council honored him with the Albert Einstein World Award in Science. In addition to the National Academy of Sciences, Dr. Cicerone was a member of the American Academy of Arts and Sciences, the American Philosophical Society, the Accademia Nazionale dei Lincei, the Russian Academy of Sciences, and the Korean Academy of Science and Technology. He served as president of the American Geophysical Union, the world's largest society of earth scientists.

In Memoriam

Herbert L. Abrams

William G. Anlyan

Kenneth J. Arrow

John C. Bailar III

John C. Beck

William H. Bowen

Roscoe O. Brady

Orville Gilbert Brim

Paul C. Brucker

Willard Cates, Jr.

Jewel Plummer Cobb

Richard H. Egdahl

Jack Elinson

John C. Greene

Melvin M. Grumbach

Richard J. Havel

M. Alfred Haynes

Donald A. Henderson

Stephen C. Jacobsen

Lyle V. Jones

Stanley B. Jones

John P. Kampine

Seymour J. Klebanoff

Susan L. Lindquist

Philip W. Majerus

W. Eugene Mayberry

Sherman M. Mellinkoff

Allen D. Roses

Thomas C. Schelling

Carolyn W. Slayman

Richard A. Smith

Oliver Smithies

Harrison C. Spencer

Thomas E. Starzl

Mervyn W. Susser

Roger Y. Tsien

Neal A. Vanselow

Maurice Wood

Contact Information

President's Office—Morgan Kanarek (mkanarek@nas.edu)

Executive Office—Michael McGinnis (mmcginnis@nas.edu)

Communications—Laura DeStefano (ldestefano@nas.edu)

Council & Membership—Meg McCoy (mmccoy@nas.edu)

Development—Michael Murphy (mmurphy@nas.edu)

Finance & Administration—Adrienne Anzanello (aanzanello@nas.edu)

Planning & Advancement—Kimber Bogard (kbogard@nas.edu)

Action Collaborative on Clinician Well-Being & Resilience—Charlee Alexander
(cmalexander@nas.edu)

Annual Meeting—Meg McCoy (mmccoy@nas.edu)

Culture of Health Program—Kimber Bogard (kbogard@nas.edu)

DC Public Health Case Challenge—Amy Geller (ageller@nas.edu)

Emerging Leaders Forum—Meg McCoy (mmccoy@nas.edu)

Health Policy Educational Programs & Fellowships—Yumi Phillips (yphillips@nas.edu)

Healthy Longevity Grand Challenge—Elizabeth Finkelman (efinkelman@nas.edu)

Innovation to Incubation—Kimber Bogard (kbogard@nas.edu)

Leadership Consortium for a Value & Science-Driven Health System—Michael McGinnis
(mmcginnis@nas.edu)

NAM Perspectives—Laura DeStefano (ldestefano@nas.edu)

Prizes & Awards—Meg McCoy (mmccoy@nas.edu)

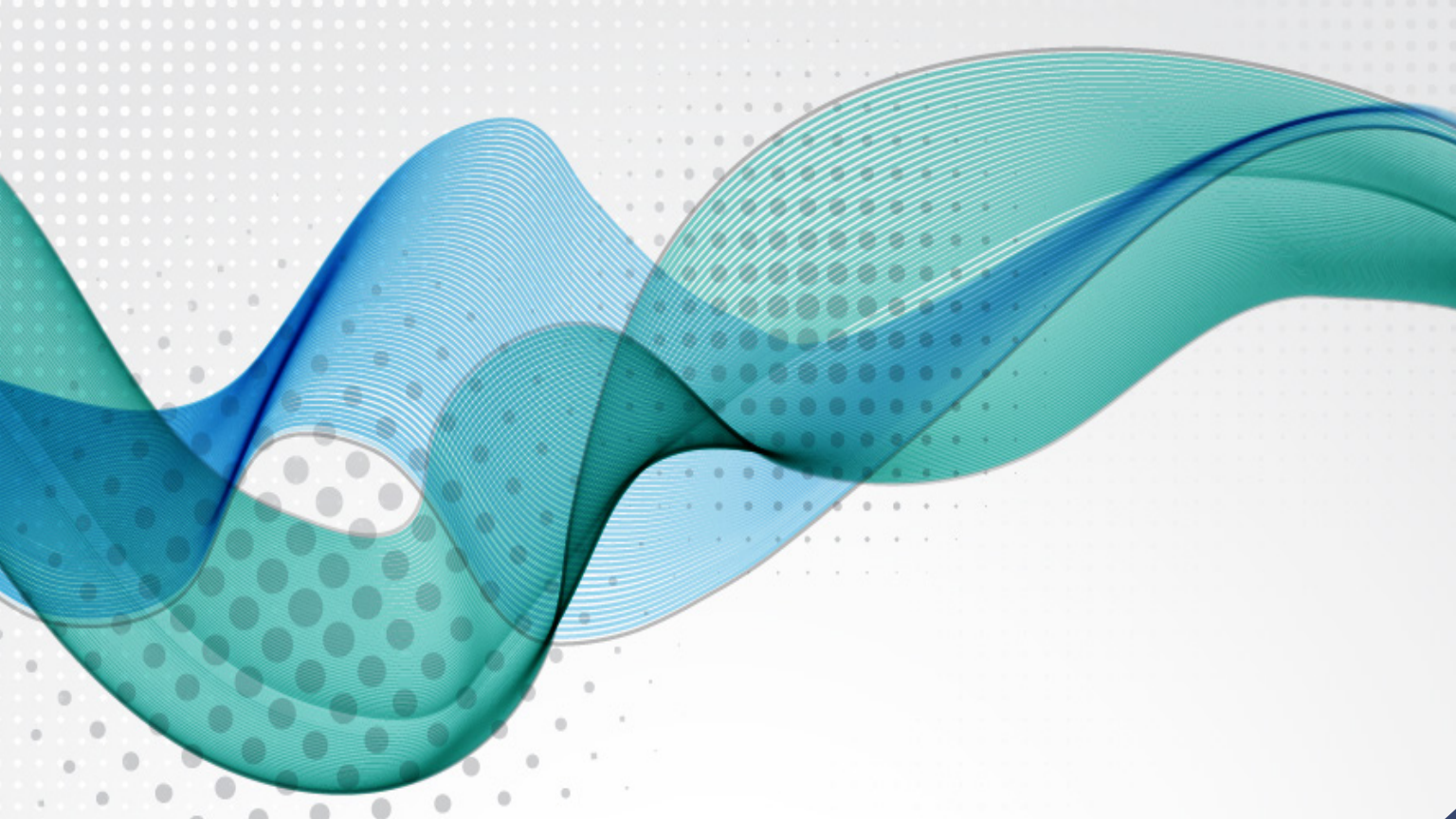
Vital Directions for Health & Health Care—Elizabeth Finkelman (efinkelman@nas.edu)

General Inquiries—NAMedicine@nas.edu

NAM.edu



@theNAMedicine



Knowing is not enough; **we must apply.**
Willing is not enough; **we must do.**

— Johann Wolfgang von Goethe

nam.edu



Connect with us.

NAMedicine@nas.edu | 500 Fifth Street NW | Washington, DC | 20001