



Energizing  
Advocacy



Elevating  
Priorities

2018 ANNUAL REPORT

# WINNING HEARTS and MINDS for RESEARCH



Sustaining  
Hope

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THE RESEARCH!AMERICA ALLIANCE ADVOCATES FOR SCIENCE, DISCOVERY, AND INNOVATION TO ACHIEVE BETTER HEALTH FOR ALL.

420 MEMBERS

HOPE  
ACADEMIA DISCOVERY  
SURVEYS RESEARCH INSTITUTES  
RESEARCH FORUM  
PATIENTS  
PROGRESS RESEARCH  
BIPARTISAN HEALTH CARE  
ALLIANCE SCIENCE  
INDUSTRY PATIENTS  
INNOVATION COALITION HEALTH  
ADVOCACY AWARDS MEDICAL ADVOCACY  
WEEKLY LETTER PUBLIC HEALTH  
LEADERSHIP INVESTMENT

# Letter from Leadership

The year 2018 started with a warning shot across the bow: The United States dropped out of the top 10 list of “innovative countries” compiled by the Bloomberg Innovation Index. Also for the first time, China surpassed the United States in scientific publications and is ahead of schedule to outpace the United States in public resources committed to research and development (R&D) by the year 2020. Having anticipated these developments, Research!America, along with its members and partners, activated a public engagement and advocacy strategy. Letters were sent to new and incumbent candidates for the U.S. Congress, making the case for championing the nation’s way back to a position of strength in R&D leadership. With support from the Rita Allen Foundation and other partners, we launched a program of competitive micro-grants to enable science graduate and postdoctoral students to organize nonpartisan civic engagement activities leading up to the midterm elections.

Working with members and partners in Washington, D.C., we completed the “Raise the Caps” campaign that began in late 2017, aiming to increase the nondefense discretionary budget by \$63 billion in fiscal year (FY) 2018 and \$68 billion in FY19. This campaign brought science to the table in budget discussions, and made it possible for congressional champions to increase National Institutes of Health (NIH) funding by \$3 billion in FY18 and by \$2 billion in FY19. It also provided for increased funding across other key research and public health agencies. Our alliance was also active in winning a two-year suspension of the medical device tax. In addition, Research!America worked for the on-time passage of the U.S. House of Representatives Labor, Health and Human Services, Education, and Related Agencies (Labor-HHS) appropriations bill for the first time in 20 years!

Research!America partnered with members and allies to convene Capitol Hill briefings on health challenges, calling attention to the importance of research-driven progress. Results from a Research!America public opinion survey show that 80% of Americans are [rightly] concerned about the health threat posed by antibiotic resistance; survey results also show continued high public regard for science and scientists. HHS Sec. Alex M. Azar II, along with other federal officials and industry thought leaders, joined the capacity crowd at the National Health Research Forum. We were pleased to welcome 30 new organizations to our alliance, bringing total membership to 420.

As Research!America enters its 30th anniversary year, we remain greatly concerned by the continued slippage of our nation’s global R&D and public health leadership. Also concerning is the disturbing news that life expectancy in the United States dropped for the third year in a row. Funding increases secured over the past years are notable, but in today’s hyper-competitive global environment, the United States will continue to fall behind if we don’t make research and innovation a higher national priority, as our competitors are doing!

The growing engagement of scientists in the nation’s civic life offers great optimism, as does the tireless commitment of Research!America’s allies in academia, patient organizations, philanthropy and industry. Working together, we will continue to pursue a policy agenda in which public- and private-sector medical innovation thrives, the nation’s public health capacity flourishes and our global R&D leadership strengthens.

On behalf of Research!America’s board and staff members, thank you for your ongoing partnership and support. We encourage you to stay the course with us in 2019 and beyond. Building a healthier, prosperous and secure nation relies on finding solutions to what ails us. That’s research; that’s advocacy for research; that’s your Research!America.



The Honorable  
Michael N. Castle  
Chair

A handwritten signature in black ink that reads "Michael N. Castle".



Mary Woolley  
President  
and CEO

A handwritten signature in black ink that reads "Mary Woolley".

# Advocacy Overview

In 2018, Research!America, along with our alliance of more than 400 member organizations, worked diligently to advance funding and policy priorities aimed at speeding medical progress, strengthening the nation's public health system and assuring the United States sustains its standing as the global leader in science and innovation.

Research!America's alliance played a prominent role in achieving key funding and policy accomplishments in 2018, including a bipartisan deal to raise the budget caps in FY18 and FY19; a \$3 billion and \$2 billion increase for NIH in FY18 and FY19 respectively; and a two-year suspension of the medical device excise tax. The alliance also played a role in preventing several harmful proposals from advancing, including those that sought to limit fetal tissue research, defund the Agency for Healthcare Research and Quality, and reduce resources for such priorities as Ebola response and health economics research.

Research!America participated in 219 congressional meetings and held 70 meetings with executive branch officials. It published 61 new fact sheets, infographics, and other advocacy and public education materials. Sixty-one letters and statements were sent or signed onto and directed to members of Congress or the Trump administration. Two congressional sign-on letters were spearheaded to thank the chairs and ranking members of the House and Senate Labor-HHS subcommittees for their role in securing funding for medical and public health-focused research agencies; more than 150 and 200 signatures were garnered, respectively.

During 2018, Research!America held 34 special events highlighting how research drives innovation, including four Capitol Hill briefings showcasing the interplay of public- and private-sector-fueled R&D underlying medical and public health progress. Meetings were held for alliance members that featured content experts on the appropriations process, value-based purchasing, clinical research and other timely issues, and that gave members an opportunity to hear from key federal officials and committee staff.

## LOOKING AHEAD

In 2019, Research!America will continue to expand and diversify its advocacy and policy efforts as it fights for [1] faster public- and private-sector-driven medical discovery; [2] a public health system that is fully equipped to meet its multipronged, lifesaving mission; [3] health services and social sciences research that is pivotal to the future of health and health care; and [4] a stronger national commitment to the United States's unparalleled science and engineering enterprise.

**219**  
CONGRESSIONAL  
MEETINGS

**\$5 bil**  
INCREASE OVER  
2 YEARS FOR NIH

**70**  
EXECUTIVE  
BRANCH  
MEETINGS

**TWO-  
YEAR**  
SUSPENSION OF  
THE MEDICAL  
DEVICE TAX

**61**  
LETTERS AND  
STATEMENTS

**PROTECTED  
AND GREW**  
AHRQ FUNDING

**34**  
SPECIAL EVENTS



# Capitol Hill Briefings

## The Role of Research in Addressing Asthma

Asthma is a chronic lung disease that affects more than 25 million Americans. The briefing, “From Discovery to Delivery: The Role of Research in Addressing Asthma,” was hosted by Research!America in partnership with AcademyHealth, the Allergy & Asthma Network and GlaxoSmithKline.

Event panelists included Tyra Bryant-Stephens, MD, medical director, community asthma prevention program, Children’s Hospital of Philadelphia; Peter Gergen, MD, medical officer, allergy, asthma

and airway biology branch, National Institute of Allergy and Infectious Disease; Rohit Katial, MD, allergist, U.S. medical respiratory expert, GlaxoSmithKline; Cara Kraft, RRT/RCP, AE-C, director of research and evaluation, Allergy and Asthma Network; and Judith Woodfolk, MBChB, PhD, professor of medicine, division of asthma, allergy and immunology, department of medicine, University of Virginia School of Medicine. The event was moderated by Eleanor Perfetto, PhD, MS, senior vice president of strategic initiatives, National Health Council.

## Patient-Centered Research on Mental Health

On June 13, 2018, Research!America hosted a briefing on Capitol Hill to explore advances in patient-centered research that have the potential to improve mental health care. The Patient-Centered Outcomes Research Institute, the National Medical Association and the National Hispanic Medical Association supported the briefing.

Featured panelists included Sonya Ballentine, project manager, Illinois Institute of Technology College of Psychology; Alfiee Breland-Noble, PhD, MHSc, associate professor, department

of psychiatry, Georgetown University Medical Center; Patrick Corrigan, PsyD, distinguished professor of psychology, Illinois Institute of Technology; Marilyn Perez-Aviles, research assistant, Illinois Institute of Technology; and Elena Rios, MD, MSPH, FACP, president and chief executive officer, National Hispanic Medical Association [NHMA]. The event featured remarks by Diane Bild, MD, MPH, acting chief science officer, PCORI and was moderated by Andrew Sperling, director, legislative and policy advocacy, National Alliance on Mental Illness [NAMI].

## Research on Workplace Accommodations for Migraine Sufferers

Employees who suffer from migraines and other chronic severe headaches tend to report lower job performance and may be absent more often than other workers. On October 3, 2018, Research!America hosted a briefing, “Research on Workplace Accommodations for Migraine Sufferers.” It was moderated by Kevin Lenaburg,

executive director, Coalition for Headache and Migraine Patients [CHAMP], and panelists included Eileen Brewer, migraine patient and director of communication and education, Clusterbusters; Amy Miller, PhD, president and chief executive officer, Society for Women’s Health Research; and Stacey Worthy, JD, counsel, Aimed Alliance.

## Oral Health is Systemic Health

Recent research suggests that oral health is closely tied to overall physical health and poor oral health could play a role in a wide range of health conditions. In partnership with Colgate, Research!America hosted a briefing, “Oral Health is Systemic Health: An Unmet Public Health Challenge.” Panelists included Maria Ryan, PhD, vice president and chief dental officer, Colgate

Palmolive Company; Martha J. Somerman, DDS, PhD, director, National Institute of Dental and Craniofacial Research, National Institutes of Health; Marko Vujcic, PhD, chief economist and vice president, Health Policy Institute, American Dental Association. The event was moderated by Beth Truett, BS, MDiv, president and chief executive officer, Oral Health America.

[L to R]  
Martha J Somerman, DDS, PhD; Marco Vujcic, PhD; Maria Emanuel Ryan, DDS, PhD; Beth Truett, BS, MDiv



## Bipartisan Civic Engagement

Early career scientists have shown increased interest in civic engagement and elevating the importance of science to both the public and policymakers. To support this, Research!America launched the **Bipartisan Civic Engagement Initiative** with the National Science Policy Network by providing microgrants to 10 science policy student groups to increase their level of outreach to candidates before the 2018 midterm elections. For their initiatives, these groups hosted op-ed writing workshops, roundtable discussions, community science events, social media engagements and panel discussions to increase awareness of the benefits of research. Group and event successes were measured by public attendance, engagement metrics and the ability of the events to generate sustainable models for future engagement.

*Groups funded by the Initiative were the Graduate and Professional Student Senate Science and Policy Group at the University of Washington; the Science Policy Group at the University of California, San Francisco; Vanderbilt Science Policy Group at Vanderbilt University; Johns Hopkins Science Policy Group at Johns Hopkins University; Catalysts for Science Policy at the University of Wisconsin, Madison; Science Policy Initiative at the University of Virginia and Cville Comm-UNI-ty; SciPAC (Science Policy, Advocacy, and Communication) at the University of California San Diego; Missouri Science and Technology Policy Fellows at the University of Missouri; The Science Policy Group at the University of Illinois at Urbana-Champaign; and South Carolina Psychiatric Association and South Carolina Medical Association Student Sections at the Medical University of South Carolina.*

*Funding for the Initiative was provided by these generous sponsors: American Association for the Advancement of Science, American Astronomical Society, American Chemical Society, American Institute of Physics, American Physical Society, American Psychiatric Association, American Society for Microbiology, Association for Psychological Science, Coalition for the Life Sciences, Federation of Associations in Behavioral & Brain Sciences, International Association for Dental Research, the Optical Society (OSA), Rita Allen Foundation, Sigma Xi, Society for Neuroscience and Supporters of Agricultural Research Foundation (SoAR).*

## Post-Election Briefing

Journalists, former members of Congress, and former congressional staff members discussed how funding for science and medical research could fare in the new 116th Congress at Research!America's Post-Election Briefing on November 8, 2018. Reid Wilson, national correspondent for *The Hill*, set the stage by highlighting big trends in the election and framed the challenge facing science advocates today: "Science is rarely at the top of the political agenda because it feels so big," he said.

Following Mr. Wilson's discussion, Rachel Owen, cofounder of the Missouri Science and Technology Policy Fellows Program (MOST), presented on MOST's science policy café where scientists shared their research with candidates, hosted through Research!America's Bipartisan Civic Engagement microgrant program.

Next, a panel led by *PBS NewsHour's* Yamiche Alcindor explored the implications of the election for medical and health research and development. Panelists included the Hon. Michael N. Castle, Research!America board chair and partner, DLA Piper; the Hon. John Edward Porter, Research!America chair emeritus; the Hon. Bart Gordon, Research!America board member and partner, K&L Gates LLP; and Sudip Parikh, PhD, Research!America board member and senior vice president and managing director, DIA Americas. The panelists agreed that while some areas of science funding have a positive outlook, there will be competition for limited funds and sequestration presents a significant concern. The panel concluded with a clear call to action: "Advocacy matters!" rallied Mr. Porter; "Get out there and advocate and work for what you believe in."

LEFT

(L to R)

Yamiche Alcindor;  
The Honorable  
Michael N. Castle;  
The Honorable Bart  
Gordon; Sudip Parikh,  
PhD; The Honorable  
John Edward Porter

RIGHT

Rachel Owen



# New Thinking on Persistent Challenges

## 2018 National Health Research Forum

Research!America's 2018 National Health Research Forum, held September 6, 2018, at the Newseum's Knight Conference Center in Washington, D.C., explored a range of topics that are front and center as the nation leverages research to overcome health threats. From discussing emerging strategies for better health to considering challenges and opportunities regarding treatment-elusive health threats to checking in on the hugely ambitious and critically important Brain Initiative, this year's forum captured the sense of urgency, possibility and unwavering determination that is empowering science to create a healthier future for Americans and populations across the globe.

The forum opened with a networking breakfast featuring National Journal Politics editor Josh Kraushaar, who shared insights on the midterm elections and ever-evolving political landscape.

Three panel discussions followed.

### **PANEL 1: REIMAGINING MEDICAL PROGRESS: TRENDS, TOOLS AND PARTNERSHIPS THAT ARE RESHAPING THE FUTURE OF HEALTH**

#### **MODERATOR**

Mark McClellan, MD, PhD, MPA, Director, Duke-Robert J. Margolis MD Center for Health Policy, Duke University

#### **PANELISTS**

Ivor Benjamin, MD, FAHA, FACC, President, American Heart Association; Luiz Miguel Camargo, PhD, Director, Innovation Networks, UCB, Inc.; Tim Hocht, Vice President, Professional Services Life Science, Elsevier; Gopal Khanna, Director, Agency for Healthcare Research and Quality; Ann Palmer, President and Chief Executive Officer, Arthritis Foundation; Joe Selby, MD, MPH, Executive Director, Patient-Centered Outcomes Research Institute; Greg Simon, President, Biden Cancer Initiative, Biden Foundation

### **PANEL 2: UNMET MEDICAL NEEDS: SPEEDING PROGRESS AGAINST TREATMENT-ELUSIVE HEALTH THREATS**

#### **MODERATOR**

Jackie Judd, Health Care Communications Consultant

#### **PANELISTS**

Gary M. Cohen, Executive Vice President, Global Health, BD; Mikael Dolsten, MD, PhD, President, Worldwide Research and Development, Pfizer; Guillermo Prado, PhD, Dean, Graduate School, University of Miami; Srin Ramanathan, PhD, Vice President, Development Sciences, Horizon Pharma; Robert Redfield, MD, Director, Centers for Disease Control and Prevention; Adrienne Shapiro, Founder, Axis Advocacy; Celia Witten, PhD, MD, Deputy Director, CBER, Food and Drug Administration

### **PANEL 3: BRAIN SCIENCE: A CLOSER LOOK AT OPPORTUNITIES, OBSTACLES AND THE PATH FORWARD**

#### **MODERATOR**

Erin Durkin, Health Care and Congressional Correspondent, National Journal

#### **PANELISTS**

Alfiee Breland-Noble, PhD, MHSc, Associate Professor, Department of Psychiatry, Georgetown University Medical Center; Francis Collins, MD, PhD, Director, National Institutes of Health; France Cordova, PhD, Director, National Science Foundation; Paula Dumas, Chief Executive Officer and Managing Editor, Migraine Again; Susan Fitzpatrick, PhD, President and Chief Executive Officer, James S. McDonnell Foundation; Husseini Manji, MD, FRCPC, Global Therapeutic Area Head, Neuroscience, Janssen Research & Development, LLC

The forum closed with a one-on-one discussion between journalist and health policy expert Susan Dentzer and Department of Health and Human Services Sec. Alex M. Azar II.

LEFT  
Sec. Alex M. Azar II.

RIGHT  
[L to R]  
Jackie Judd; Celia Witten, MD, PhD.; Guillermo Prado, PhD.; Adrienne Shapiro

# 2018 Advocacy Awards

The 2018 Advocacy Awards honored outstanding advocates for research whose contributions bolstered the nation's scientific enterprise, both at home and abroad. The honorees were recognized for their achievements in research advocacy on March 14, 2018, at the Andrew W. Mellon Auditorium in Washington, D.C.

## LEGACY AWARD

*GENEROUSLY SUPPORTED  
BY ANN LURIE*

The Hon. John Edward Porter, chair emeritus of Research!America for his decades-long commitment to advancing medical and health research. Porter served as a U.S. congressman (IL-10) from 1980 to 2001, during which time he chaired the House Appropriations Subcommittee on Labor, Health and Human Services, Education, and Related Agencies. He was instrumental in doubling the funding for the National Institutes of Health over five years. In his honor, as of 2019, the award will be renamed the Honorable John Edward Porter Legacy Award Generously Supported by Ann Lurie.



[L to R] Amy Porter; Ann Lurie; Research!America Chair Emeritus John E. Porter

## GEOFFREY BEENE FOUNDATION BUILDERS OF SCIENCE AWARD

Roger I. Glass, MD, PhD, director, Fogarty International Center, for his impressive 30-year career as a leader in research and promotion of global health, specifically related to his work in the prevention of gastroenteritis.



[L to R] Mara Hutton, Dr. Roger I. Glass

## GORDON AND LLURA GUND LEADERSHIP AWARD

Shari and Garen Staglin, cofounders, One Mind and founders, Staglin Family Vineyard, for their commitment to accelerating cures for brain disorders through scientific research. The Staglins have actively given back to the community and supported charitable causes for 45 years. Their focus on brain health research is the result of their son Brandon's diagnosis of schizophrenia in 1990.



[L to R] The Hon. Michael N. Castle, House Democratic Leader Nancy Pelosi, Shari and Garen Staglin

## EDWIN C. WHITEHEAD AWARD FOR MEDICAL RESEARCH ADVOCACY

The Hon. Susan Collins, U.S. senator (R-ME), for her leadership in increasing federal funding for research. She is founder and cochair of both the Senate Alzheimer's Task Force and Senate Diabetes Caucus. Her advocacy led to a \$2 billion increase for the National Institutes of Health, including a \$414 million increase for Alzheimer's research, the largest in history.



The Hon. Susan Collins

## RESEARCH!AMERICA AWARD FOR SUSTAINED NATIONAL LEADERSHIP

Peter J. Hotez, MD, PhD, dean for the National School of Tropical Medicine, Baylor College of Medicine, for his far-reaching work in the areas of neglected tropical disease research and vaccine development.



[L to R] Dr. Peter J. Hotez, Research!America Vice Chair The Hon. Kweisi Mfume

## ISADORE ROSENFELD AWARD FOR IMPACT ON PUBLIC OPINION

Atul Gawande, MD, MPH, professor, department of health policy and management, Harvard T.H. Chan School of Public Health; Samuel O. Their professor of surgery, Harvard Medical School; and executive director, Ariadne Labs, for dramatically raising the profile of health systems research and promoting evidence-based research to improve health-care delivery.



[L to R] Research!America President and CEO Mary Woolley; Dr. Atul Gawande; Research!America Board Member Tenley E. Albright, MD

## PAUL G. ROGERS DISTINGUISHED ORGANIZATION ADVOCACY AWARD

EveryLife Foundation for Rare Diseases for their work to bring cures and treatments to rare disease patients. The EveryLife Foundation works tirelessly to improve the regulatory process for drug development—from clinical trials to approval—by working with patient organizations, industry, academic scientists, the Food and Drug Administration and the National Institutes of Health to bring about key policy changes.



[L to R] Florence "Pippy" Rogers, Dr. Emil D. Kakkis, Max Schill, Research!America Board member Laing Rogers





## Experts Discuss Science Advocacy and Mental Health at Research!America's Annual Meeting

Advocating for science funding is essential to maintain the nation's global leadership in research and development, according to Rep. Eddie Bernice Johnson [D-TX-30], ranking member of the U.S. House of Representatives Committee on Science, Space, and Technology. She was the keynote speaker at Research!America's 29th Annual Meeting of Members on March 14, 2018, in Washington, D.C. "We're really falling far short of nurturing our own homegrown STEM talent," she said, adding that minority youth should be encouraged to pursue careers in science, technology, engineering and math.

The annual meeting also featured a discussion about the latest developments in mental health research. *MedPage Today* news editor Joyce Frieden moderated. Linda Brady, PhD, director, division of neuroscience and basic behavioral science, National Institute of Mental Health [NIMH] stated that one of the institute's goals is to reduce the suicide rate by 20% by 2025, saying, "There have been a lot of initiatives rolled out of the

NIMH including [mental health] screenings in the emergency department settings." Wayne Drevets, MD, scientific vice president and disease area leader, mood disorders, neuroscience therapeutic area, Janssen Research & Development, said promising new studies of biomarkers could help doctors better zero in on effective treatments for individual patients.

Many advances in how doctors treat psychiatric conditions involve both neuroscience and engineering, expressed Kafui Dzirasa, MD, PhD, associate professor of psychiatry and behavioral sciences, Duke Institute for Brain Sciences. "That is happening in terms of constructing new tools and devices to get information out of the brain at the speed at which thoughts happen," he said. One Mind president and patient advocate Brandon Staglin encouraged advocates to learn all they can about the amazing science that is changing brain health and to share that information with family, friends and lawmakers.

TOP

[L to R] Joyce Frieden; Dr. Linda Brady; Dr. Kafui Dzirasa; Dr. Wayne Drevets; Brandon Staglin

CIRCLE

Congresswoman Eddie Bernice Johnson [D-TX-30]



## Webinars

### Science Advocacy

Continuing a series that was launched in 2017, Research!America and the Society for Neuroscience hosted three webinars on science advocacy. The first webinar, **“Strategies to Maximize Your Advocacy Results,”** was held on February 23, 2018, and provided science advocates with up-to-date, applicable information on the most effective ways to advocate for a movement. Speakers included Sudip S. Parikh, PhD, senior vice president and managing director, DIA Americas, and Research!America board member; Pete Kirkham, president and founder of Red Maple Consulting; and Lori L. McMahon Wakefield, PhD, dean of UAB Graduate School, Jarman F. Lowder Professor of Neuroscience, and director of Comprehensive Neuroscience Center, University of Alabama at Birmingham.

On April 18, 2018, the webinar **“Inspiring Others to be Science Advocates”** provided individuals of science with tools on how to motivate and empower their science and non-science peers to partake in science advocacy. Panelists included Monica Linden, PhD, senior lecturer at Brown University; Cynthia Gibbs, founder and director of Science Pub RVA; and Rick Karnesky, PhD, co-boss, Nerd Nite East Bay.

Finally, on June 1, 2018, the webinar **“Measuring Advocacy Outcomes”** provided viewers with clarity on measuring outcomes for advocacy success. This webinar featured the Hon. Bart Gordon, partner, K&L Gates LLP and U.S. Representative, 1985–2011; Carlisle Levine, PhD, president and chief executive officer, BLE Solutions (Arlington, VA); Annette L. Gardner, PhD, MPH, assistant professor, Philip R. Lee Institute for Health Policy Studies, University of California–San Francisco.

### Migraine Series

Migraines pose a unique set of challenges to those who suffer from them, as well as to providers tasked with properly diagnosing and treating them. To provide more information and insight on the challenges of migraine, Research!America and Amgen hosted a series of webinars that built upon a 2017 survey on the topic. The first webinar, **“What Are the Barriers in Advancing Migraine Research?”** was held on April 11, 2018, on the topic of prevention, research and new discoveries made that increase the chances that the right treatment is given to the right patient at the right time. This webinar featured Michael L. Oshinsky, PhD, program director, pain and migraine, National Institute of Neurological Disorders and Stroke, National Institutes of Health; Robert E. Shapiro, MD, PhD, department of neurological sciences, Larner College of Medicine, University of Vermont; and Katie M. Golden, professional migraine patient.

The second webinar in the series, **“The Value of Evidence-Based Treatments for Migraine Sufferers”** was held on June 12, 2018, on the

current status of research on migraine and how this knowledge can be translated into treatment plans for migraine sufferers. Presenters for this webinar included Lisa DeLeonardo, PsyD, licensed psychologist and migraine patient; Peter McAllister, MD, medical director, New England Institute for Neurology and Headache and chief medical officer, New England Institute for Clinical Research and Ki Clinical Research; and Jan Lewis Brandes, MD, MS, founder, Nashville Neuroscience Group and assistant clinical professor, Department of Neurology, Vanderbilt.

Finally, to discuss obstacles blocking a future free from the grasp of migraine, **“Connecting the Dots: What Will It Take to Meet the Challenge of Migraine?”** was held on December 11, 2018. This webinar featured Suchitra Iyer, PhD, Center for Evidence and Practice Improvement, Agency for Healthcare Research and Quality; Alicia Torborg, executive director, Association of Migraine Disorders and migraine patient; and Lindsay Videnieks, JD, executive director of the Headache and Migraine Policy Forum.

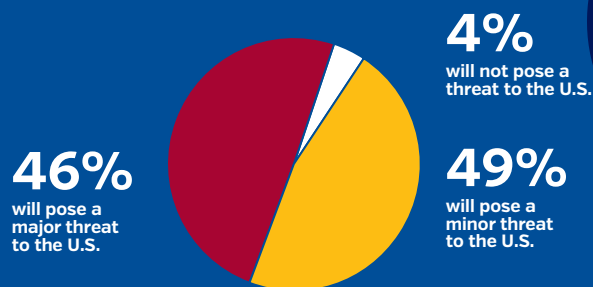
# Public Opinion Partnerships

## Vaccines and Infectious Diseases

In May 2018, Research!America worked with the American Society for Microbiology to assess the public's knowledge of and opinions on vaccines and infectious diseases. The overwhelming majority of those surveyed reported that they believed emerging and infectious diseases in other countries will pose either a major or minor threat to those in the United States in the future. Results of the survey were shared at a briefing at the Newseum in Washington, D.C. Speakers included Anthony S. Fauci, MD, director, National Institute of Allergy and Infectious Diseases; Nancy Messonnier, MD, director, National Center for Immunization and Respiratory Diseases, Centers for Disease Control and Prevention; and Stacey L. Schultz-Cherry, PhD, president, American Society for Virology.

### In general, to what extent do you think infectious and emerging diseases facing other countries will pose a threat to the U.S. in the next few years?

SOURCE: A RESEARCH!AMERICA SURVEY OF U.S. ADULTS CONDUCTED IN PARTNERSHIP WITH ZOGBY ANALYTICS IN MAY 2018.

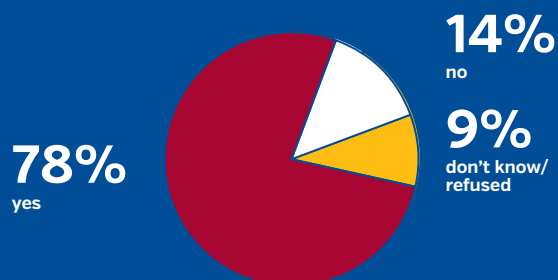


## Child Abuse and Neglect

In June of 2018, Research!America joined in the movement to treat child abuse and neglect as a public health issue, not just a social or legal issue. A partnership was launched with the National Foundation to End Child Abuse and Neglect (EndCAN) to pioneer a movement of conducting research on how to prevent adverse childhood events. Across racial and party lines, the majority of Americans believed that child abuse and neglect is a serious or moderate problem in the United States and placed increasing federal government funding to research child abuse and neglect at a high priority. This survey information was shared at events in Colorado and Washington, D.C., in partnership with EndCAN. Featured speakers included Richard D. Krugman, MD, EndCAN cofounder and distinguished professor of pediatrics, University of Colorado School of Medicine; Lori Poland, cofounder, EndCAN; Colorado Gov. John Hickenlooper; Mary Woolley, chief executive officer and president, Research!America; and many others.

### Do you view child abuse and neglect as a public health problem in the United States?

SOURCE: A RESEARCH!AMERICA SURVEY OF U.S. ADULTS CONDUCTED IN PARTNERSHIP WITH ZOGBY ANALYTICS IN JUNE 2018.

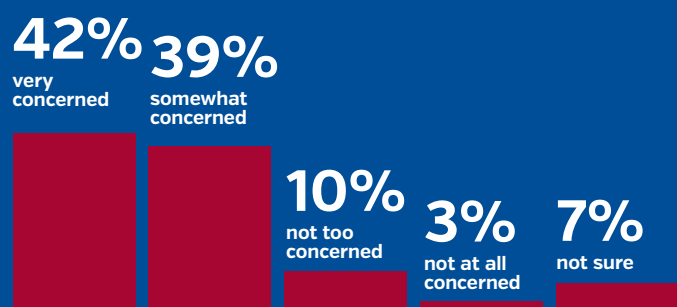


## Antibiotic Resistance

A pervasive health threat facing Americans today is the risk of developing an antibiotic resistant infection. In October 2018, Research!America partnered with Pfizer and the Infectious Disease Society of America to assess public knowledge of and opinions regarding antibiotic resistance. More than 80% of those surveyed reported that they were concerned that antibiotic resistance will make infections harder to treat and possibly deadly in the upcoming future, and 65% confirmed they believe that antibiotic resistance is a public health problem. These results also revealed an opportunity for further education. For example, 37% of respondents wrongly stated that antibiotics are effective in treating viral infections. This information was widely shared during World Antibiotic Awareness Week in November 2018.

### How concerned are you that antibiotic resistance will make more infections difficult or impossible to treat and even deadly?

SOURCE: A RESEARCH!AMERICA SURVEY OF U.S. ADULTS CONDUCTED IN PARTNERSHIP WITH ZOGBY ANALYTICS IN OCTOBER 2018.





# Science Communications Presentations

Public opinion surveys commissioned by Research!America have established the essential “invisibility” of scientists and science-based institutions among the American public, which is a contributing factor to science skepticism. Research!America has seen firsthand that the most effective way to reach non-scientists, including those who formulate policy for the nation, is for scientists themselves to make the case as to why their work matters in a host of ways that contribute to a productive, prosperous society. With partial funding from the Kavli Foundation, Research!America committed to engage with

scientists at all levels by visiting a range of universities to present and discuss with scientists how vital their voice is, giving them the information and tools they need to truly put a human face on science with the public that will bridge a divide that has become perilously wide. These Kavli Lectures, presented by Research!America’s president Mary Woolley and staff members, were included among the interactive science communication and engagement seminars held at 18 universities across the country. These programs provide scientists with inspiration to share the excitement of science with the public.

## Public Health Thank You Day

On Monday, November 19, 2018, Research!America and 60 partner organizations celebrated Public Health Thank You Day [PHTYD] to show appreciation for public health professionals who work to keep the nation healthy and secure. This year’s outreach strategy focused on messaging during the week leading up to PHTYD, successfully increasing Research!America’s influence on Twitter by 10% over last year and highlighting the crucial role the public health workforce plays in the nation and across the globe.

Several public health and civic leaders lent their voices to emphasizing the value of public health, including Centers for Disease Control and Prevention director Robert R. Redfield, MD; Centers for Medicare and Medicaid Services administrator Seema Verma; National Institutes of Health director Francis S. Collins, MD, PhD; Department of Health and Human Services Sec. Alex M. Azar II; Assistant Sec. of Health Brett P. Giroir, MD; Surgeon General Jerome M. Adams, MD, MPH; Sen. Catherine Cortez Masto [D-NV]; Rep. Marcia L. Fudge [D-OH-11]; Rep. Val Demings [D-FL-10]; Rep. Linda Sanchez [D-CA-38]; Harold Paz, MD, MS, executive vice president and chief medical officer, Aetna; Derek Rapp, chief executive officer, JDRF; Rachel Levine, MD, secretary of health for the Commonwealth of Pennsylvania; president of the Albert and Mary Lasker Foundation Claire Pomeroy, MD, MBA; and president-elect of APHA Lisa Carlson, MPH, MCHES

**60**  
ORGANIZATIONAL  
PARTNERS

**22**  
QUOTES FROM  
PUBLIC HEALTH  
LEADERS

**MORE THAN**  
**11 mil**  
IMPRESSIONS  
ON TWITTER

**MORE THAN**  
**4.4 mil**  
ACCOUNTS  
REACHED ON  
TWITTER

**NEARLY**  
**800**  
FACEBOOK  
ACCOUNTS  
REACHED

**DOZENS OF**  
**TWEETS FROM**  
**INFLUENTIAL**  
**LEADERS**

### 2018 PUBLIC HEALTH THANK YOU DAY ACTION

PHTYD Congressional Resolution: H.Con.Res.141

In honor of this important day, cochairs of the House Public Health Caucus, Reps. Wittman [R-VA-1], Granger [R-TX-12], McGovern [D-MA-2] and Roybal-Allard [D-CA-40] introduced a resolution [H.Con.Res.141] expressing the sense of Congress that public health professionals should be commended for their dedication and service to the United States on Public Health Thank You Day, November 19, 2018.

Research!America  
President and CEO  
Mary Woolley

# U.S. Investments in Medical and Health Research and Development (R&D)

Total U.S. investment in medical and health R&D in the United States grew by 27% over the five-year period from 2013 to 2017, led by industry and the federal government, according to Research!America's report **U.S. Investments in**

## **Medical and Health**

**Research and Development.** "Overall, U.S. investments in health-related research and development continue to move in a positive direction, but it's important to consider whether this investment is enough to overcome health threats that are taking lives, reducing productivity, and single-handedly placing our fiscal future at risk," said Research!America's chair, the Hon. Michael N. Castle. "Our nation cannot afford less than a full-court press against deadly and debilitating health threats. The returns—both quantitative and qualitative—on medical and health R&D dwarf our investment. It is heartening that we are on the right path, but it's time to dramatically step up our game," said Mary Woolley, president and chief executive officer, Research!America.



## 27%

**TOTAL INVESTMENT GROWTH FROM 2013 TO 2017**

**TOTAL U.S. MEDICAL AND HEALTH R&D SPENDING WAS**

## **\$181.5 bil**

**IN 2017**

**INDUSTRY INVESTED**

## **\$121.8 bil**

**IN MEDICAL AND HEALTH R&D, 67% OF TOTAL SPENDING IN 2017**

**FEDERAL AGENCIES INVESTED A TOTAL OF**

## **\$39.5 bil,**

**WITH THE NATIONAL INSTITUTES OF HEALTH ACCOUNTING FOR NEARLY \$32.4 BILLION (OR 82.1%) OF FEDERAL SPENDING IN 2017**



Bloomberg  
Law

FORTUNE

HealthDay  
News For Healthier Living

THE HILL

NBC NEWS

POLITICO

SCIENTIFIC  
AMERICAN

U.S. News  
A WORLD REPORT

## Media Matters

Research!America's survey data continued to earn high levels of media coverage in 2018, particularly the surveys related to public health, vaccines and antimicrobial resistance. Media coverage also highlighted efforts in funding advocacy and policy and advocating for science. Online, print, broadcast and digital media highlights include the following:

- In January 2018, **The Huffington Post** featured Research!America's survey data in an op-ed, "The Public Disengagement with Science." Former U.S. Rep. Ron Paul [TX] also cited Research!America's survey data in his **Newsweek** article calling for a repeal of the medical device tax.
- Following the passage of the FY18 omnibus spending bill in March 2018, Research!America's chief executive officer and president Mary Woolley was quoted in **CQ Roll Call**, **The Scientist** and **U.S. News & World Report**.
- In April 2018, Woolley talked to **The Washington Post** and **Buzzfeed** about the importance of the March for Science in reminding the public and policymakers of how essential it is to fund and support science. She also published a letter to the editor of the **Indiana Journal and Courier**.
- Research!America's May 2018 vaccine survey results were featured in **MedPage Today**, **NBC News** and affiliates, **U.S. News & World Report**, **The Hill**, **NewsMax**, **Fortune**, **Homeland Preparedness News** and **Advance Healthcare Network** during May and June 2018.
- The June 2018 issue of **Scientific American** included an op-ed and coverage of the Bipartisan Candidate Engagement Initiative.
- In July, Research!America's survey on child abuse and neglect and the launch of End Child Abuse Now (EndCAN) received extensive coverage on television news, particularly in the Denver region.
- In September 2018, Woolley was quoted in **Politico** and **MedPageToday** regarding the release of the final version of the FY19 Labor-HHS bill.
- Results and findings from Research!America's survey on antibiotic resistance in November 2018 were featured in numerous media outlets, including **The Washington Examiner**, **The Hill**, **HealthDay**, **U.S. News & World Report**, **BioTechNow** and **Infection Control Today**.
- As the federal government approached a contentious shutdown in December 2018, Research!America's vice president of policy and advocacy Ellie Dehoney was quoted in **Bloomberg Law** about the effects on the Food and Drug Administration.

### TWITTER FOLLOWERS

11,632

5.2% increase since 2017

### FACEBOOK PAGE LIKES

3,972

10.3% increase since 2017

### WEBSITE UNIQUE PAGE USERS

287,004

### TOTAL MEDIA IMPRESSIONS

723 MILLION

### MENTIONS IN MORE THAN 60 NATIONAL AND TRADE PUBLICATIONS

139

### PRESS RELEASES AND STATEMENTS

24

# Financials

Research!America Financial Statements for the Year Ended December 31, 2018

## REVENUE & SUPPORT

Contributions & Grants	\$619,515
Membership Dues	\$1,515,100
Program Support	\$1,087,400
Advocacy Awards Event	\$721,150
Other	\$34,832
In-Kind Support	\$84,770
<b>Total Revenue and Support*</b>	<b>\$4,062,767</b>

## EXPENSES

Program	\$3,061,453	72.7%
Fundraising	\$607,450	14.4%
Administrative	\$542,766	12.9%
<b>Total Expenses*</b>	<b>\$4,211,669</b>	

## Balance Sheet

### ASSETS

Cash & Equivalents	\$322,768
Contributions Receivable	\$1,224,097
Investments	\$954,067
Property & Equipment	\$455,784
Other Assets	\$427,668
<b>Total Assets*</b>	<b>\$3,384,384</b>

### LIABILITIES

Accounts Payable	\$11,722
Accrued Expenses	\$211,247
Deferred Rent	\$723,477
Other Liabilities	\$403,586
<b>Total Liabilities*</b>	<b>\$1,350,032</b>

### NET ASSETS

Temporarily Restricted Funds	\$1,521,624
Unrestricted Funds	\$512,728
<b>Total Net Assets*</b>	<b>\$2,034,352</b>

### CHANGE IN NET ASSETS

Net Assets at the Beginning of 2018	\$2,236,025
Results from Operations	[\$148,902]
Realized and Unrealized Losses	[\$52,571]
<b>Change in Net Assets*</b>	<b>[\$201,473]</b>

## Audit Committee

Amy Comstock Rick, JD **Chair**  
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\* SUMMARY INFORMATION FROM UNAUDITED FINANCIAL STATEMENTS FOR THE FISCAL YEAR ENDED DECEMBER 31, 2018. AUDITED FINANCIAL STATEMENTS, WHEN AVAILABLE, WILL BE PROVIDED UPON REQUEST.

A COPY OF RESEARCH!AMERICA'S MOST RECENTLY FILED IRS FORM 990 IS AVAILABLE ON RESEARCH!AMERICA'S WEBSITE.

RESEARCH!AMERICA AUDITORS: TATE & TRYON

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## IN MEMORIAM

**Richard Furlaud, JD** (1923–2018) was a vital force for the advancement of medical science through research. As president and chief executive officer of Squibb Beech-Nut, Mr. Furlaud built the company into a pharmaceutical giant that eventually merged into Bristol-Myers Squibb. He also was a founding board member of Research!America and recognized by Harvard Business School as a “Great American Business Leader of the 20th Century.” After retiring from the company in 1991, Mr. Furlaud became chairman of American Express, International Flavors and Fragrances, and the Rockefeller University board of trustees.

**John Mendelsohn, MD** (1936–2019) was honored with the *Geoffrey Beene Builders of Science Award* in 2013. During his tenure as president of The University of Texas MD Anderson Cancer Center from 1996 to 2011, he oversaw dramatic increases in both size and stature of the institute. He pioneered translational research that provided the

foundation for targeted cancer therapies and advocated for increasing our nation’s support for biomedical research. He also served as the director of the Sheikh Khalifa Bin Zayad Al Nahyan Institute for Personalized Cancer Therapy (IPCT), and as the first L. E. and Virginia Simmons Senior Fellow in Health and Technology Policy at Rice University’s James A. Baker III Institute for Public Policy.

**Isadore Rosenfeld, MD** (1926–2018) was widely recognized as one of the country’s preeminent physicians and a renowned advocate for medical and health research. Dr. Rosenfeld was a founding board member of Research!America and established the *Isadore Rosenfeld Award for Impact on Public Opinion*, which honors members of the media or individuals who effectively deliver research advocacy messages to the public. His book, *Doctor of the Heart: My Life in Medicine*, recounts his extraordinary career as a cardiologist and “America’s Doctor” during a time of great progress in medicine.

**THEN**

Most cases of HIV/AIDS were fatal

**NOW**

Thanks to research, the development of Highly Active Antiretroviral Therapy has revolutionized the battle against HIV/AIDS and transformed the virus from a death sentence to a manageable chronic condition



**IMAGINE**

An HIV vaccine and eradication of HIV/AIDS worldwide



**THEN**

In 1900, infectious diseases such as pneumonia, influenza and tuberculosis took the lives of nearly 25% of all children before they reached age 14

**NOW**

Thanks to research, vaccines can prevent children from ever contracting these diseases

**IMAGINE**

All children growing up healthy and free from all infectious diseases

**THEN**

Pronounced problems with memory, thinking, communication, and behavior were widely but inaccurately considered a normal part of aging

**NOW**

Thanks to research, Alzheimer's disease is recognized as a discrete health condition and research is fueling new drugs and other interventions



**IMAGINE**

Aging and thriving without the threat of dementia or Alzheimer's

**RESEARCH AMERICA**   
1989-2019

Research!America is poised to enter its 30th year. To ensure that it is a year in which faster medical progress, strategic public health investment and research and development leadership take center stage, let's keep up the community's strong record of advocacy. All of us at Research!America look forward to working with you to achieve these goals.





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