America Speaks!

Poll Data Summary
VOLUME 18

survey data reflecting the views of Americans on medical, health and scientific research
As national priorities compete for attention among policymakers, one priority that has consistently ranked high for Americans – robust federal support for public and private sector research and innovation – has not received the level of support from elected officials that Americans expect and deserve. In many ways, science has taken a back seat to other interests, especially national defense. Defense is critically important and, like other priorities, in fact depends upon research and innovation. Our commissioned surveys demonstrate that the public agrees, and furthermore believes that President Trump should assign a high priority to putting science, technology and engineering to work to strengthen our nation’s infrastructure.

U.S. global competitiveness in science and technology is at risk as other nations, particularly China, aggressively beef up their research and development (R&D) infrastructure, including the STEM workforce. Americans recognize the precarious nature of our leadership in R&D. When asked whether our country’s preeminence in science and innovation will strengthen or weaken in 2018, only 30% said strengthen. In addition, fewer than one-third of respondents believe the U.S. will be the world leader in science and technology, and health care in the year 2020, and a similar percentage say they are not sure. Of great concern, only one-third of Americans believe the health care services they personally receive are based on the best and most recent research available.

It’s no wonder that a strong majority agree that the federal government should support research and innovation that will personalize patient care – developing the right treatment for the right patient at the right time! This is a pivotal time to ensure innovative research is fueled by robust investments. Patients are ready to play their part, as evidenced by the strong majority of respondents who report they would participate in a clinical trial if recommended by their doctor. And most are willing to share personal health information – assuming that appropriate privacy protections are in place - to advance medical research and help public health officials better track disease and disability and the causes.

(continued on next page)

AMONG SURVEY RESULTS:

- A strong majority (86%) of respondents say it is important for scientists to inform the public about their research and its impact on society.
- 79% say it is important for the federal government to support incentives for private sector investment in new treatments and cures.
- 80% say it is important for candidates running for Congress to have a basic understanding of scientific issues.
- More than half (51%) say public investment in mental health research is not enough.
- Nearly three-quarters (74%) say it is important for the federal government to fund research on social determinants of health to address health disparities.
The opioid epidemic, with crippling effects on the health and economic prosperity of local communities, has raised concerns among many Americans. More than half say they know someone who has experienced pain so severe that they sought prescription medicines to treat it. In West Virginia, residents say substance abuse is the most important health issue facing people in their state, above cancer, obesity and heart disease. All across the nation, a majority of Americans support increased funding for research to better understand and combat opioid addiction. The Centers for Disease Control and Prevention says U.S. life expectancy has declined a second year in a row mainly due to a surge in fatal opioid overdoses. (The last time U.S. life expectancy dropped was in 1993 because of the AIDS epidemic. AIDS is no longer considered a death sentence but opioid addiction has disturbing and too often fatal consequences.) The opioid crisis and many other health threats, including Alzheimer’s disease and mental illness, are top of mind for Americans who agree that robust investments and pro-innovation policies are essential to finding solutions and saving lives. They are counting on policymakers and candidates running for national office this election season to assign a higher priority to medical, health and scientific research in order to improve quality of life, strengthen our economy and sharpen our competitive edge.

Message from The American Medical Association

The American Medical Association (AMA) is once again pleased to join Research!America in releasing a new volume in the insightful America Speaks series, an important read for policymakers, practitioners and anyone concerned about the future of medical research and scientific innovation.

The latest in this series, America Speaks: Poll Data Summary, Volume 18, underscores the broad bipartisan support for health research and innovation as key drivers to advance medicine and for leveraging science, technology and engineering to bolster our nation’s economy. Despite the sharp political divides in Washington, D.C., this new research shows strong majorities of Americans across the political spectrum say sound public policy is rooted in science and favor increasing our investments in science, technology and medical research from both federal agencies and by incentivizing public-private partnerships.

Importantly, the new Research!America report also highlights the public’s growing concerns about reducing health care costs, increasing access to care, and taking meaningful steps to address the opioid epidemic in America. All three are important issues to the AMA and America’s physicians because all three present grave threats to the health of our nation. This is why we have made significant investments into advocacy and public awareness, into developing new technologies to transform clinical care, and into exciting new partnerships across medicine and the business sector to find solutions to these persistent challenges.

The AMA is proud of its relationship with Research!America and to offer our continued support of their mission to raise awareness about the importance of health research and to advocate for a greater investment in scientific study. Americans have a keen understanding of the biggest issues plaguing our national health care system and their impact on our communities, local economies, and the American way of life. The AMA likewise recognizes the critical role science, research and innovation plays in the discovery of new medical cures and treatments so that physicians can deliver better care, at lower costs, to more people than ever before.
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Survey Methodology
Online surveys are conducted with an approximate sample size of 800-1,000 adults (age 18+) and a maximum theoretical sampling error of +/- 3.2%. Data are demographically representative of adult U.S. residents. Survey data in this publication was conducted by Zogby Analytics.

Due to rounding, the total may not add to 100% on some charts.

Look for these Indicators Throughout This Publication:

⭐ change Indicates significant change from previous years
⭐ new Indicates new question not previously asked by Research!America
Science is an American Priority

Strong Majority Say President Trump Should Prioritize Science
How important is it for President Trump to assign a high priority to putting science, technology and engineering to work to strengthen our nation’s infrastructure?

- **50%** very important
- **31%** somewhat important
- **8%** not too important
- **3%** not at all important
- **8%** not sure

Strong Majority Say Candidates Should Understand Scientific Issues
How important is it for candidates running for Congress to have a basic understanding of scientific issues?

- **46%** very important
- **34%** somewhat important
- **16%** not too important
- **5%** not at all important
- **11%** not sure

Important for Candidates to Have a Science Advisor
How important is it that candidates for Congress have a science advisor?

- **36%** very important
- **32%** somewhat important
- **16%** not too important
- **5%** not at all important
- **11%** not sure

Important for Scientists to Engage with Elected Officials

How important is it for scientists to inform elected officials about their research and its impact on society?

49% VERY IMPORTANT
32% SOMewhat IMPORTANT
9% NOT TOO IMPORTANT
3% NOT AT ALL IMPORTANT
7% NOT SURE

Important for Scientists to Engage with Public

How important is it for scientists to inform the public about their research and its impact on society?

58% VERY IMPORTANT
28% SOMEWHAT IMPORTANT
6% NOT TOO IMPORTANT
2% NOT AT ALL IMPORTANT
6% NOT SURE

Strong Majority Say Candidates Should Prioritize Increasing Research Funding

How important is it for candidates running for Congress to assign a high priority to increasing funding for medical research?

45% VERY IMPORTANT
32% SOMEWHAT IMPORTANT
10% NOT TOO IMPORTANT
5% NOT AT ALL IMPORTANT
8% NOT SURE

There comes a point in your life where you get a diagnosis—or news about someone you love—and all you can do is hope and pray that someone, somewhere has done important medical research that resulted in the development of a drug, or a procedure, or a device that gives your loved one a chance for life.

– Senator Dick Durbin, D-IL
“Biomedical research holds tremendous promise for treating many of the most costly and devastating diseases we face.”

- SENATOR SUSAN COLLINS, R-ME

**Important for Government to Support Incentives for Private Sector Research**

How important is it for the federal government to support incentives for private sector investment in new treatments and cures?

- **44%** VERY IMPORTANT
- **36%** SOMewhat IMPORTANT
- **10%** NOT TOO IMPORTANT
- **3%** NOT AT ALL IMPORTANT
- **8%** NOT SURE

**Important to Conduct Research on Social Determinants of Health**

How important is it for the federal government to fund research on social determinants of health (education, housing, income, access to healthy food and healthcare) to address health disparities?

- **45%** VERY IMPORTANT
- **29%** SOMewhat IMPORTANT
- **13%** NOT TOO IMPORTANT
- **5%** NOT AT ALL IMPORTANT
- **8%** NOT SURE

**Majority Favor Federal Funding for Embryonic Stem Cell Research**

Do you strongly (favor/oppose) or somewhat (favor/oppose) federal funding for medical research using embryonic stem cells?

- **31%** STRONGLY FAVOR
- **24%** SOMewhat FAVOR
- **29%** DON'T KNOW/NOT SURE
- **7%** SOMewhat OPPOSE
- **10%** STRONGLY OPPOSE

**SOURCE:** A Research!America survey of U.S. adults conducted in partnership with Zogby Analytics in January 2018.

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**SOURCE:** A Research!America survey of U.S. adults conducted in partnership with Zogby Analytics in January 2017.
Global Competitiveness

Views Split on Whether U.S. Science and Innovation Will Strengthen in 2018

Which statement is closest to your view?

**Statement A:** America’s global preeminence in science and innovation will strengthen in 2018.

**Statement B:** America’s global preeminence in science and innovation will weaken in 2018.

**30% Statement A**
**31% Statement B**
**17% Neither of the Above**
**23% Not Sure**

Only A Third Say U.S. Will Be World Leader in Health Care in 2020

In your view, which of the following will be considered the number one world leader in health care in the year 2020?

**34% Not Sure**
**32% United States**
**13% Canada**
**6% Germany**
**4% Japan**
**4% United Kingdom**
**3% China**
**2% Other (Specify)**
**1% France**
**1% South Korea**
**0.3% Russia**

Only A Third Say U.S. Will Be World Leader in Science and Technology in 2020

In your view, which of the following will be considered the number one world leader in science and technology in the year 2020?

**32% United States**
**32% Not Sure**
**12% China**
**11% Japan**
**5% Germany**
**2% Canada**
**2% South Korea**
**2% United Kingdom**
**1% Russia**
**1% Other (Specify)**
**1% France**

*Source: A Research!America survey of U.S. adults conducted in partnership with Zogby Analytics in January 2018.*
“Collaboration and partnerships between disciplines and institutions among academia, industry and government enable people, ideas and tools that transform our world and advance the frontiers of knowledge.”

- NATIONAL SCIENCE FOUNDATION DIRECTOR FRANCE CÓRDOVA, PHD

**Majority Do Not Believe U.S. Health Care is World’s Best**

Do you believe the United States has the best health care system in the world?

**23% YES**

**56% NO**

**21% NOT SURE**

**Strong Majority Agree that Basic Research is Critical**

Do you agree or disagree with the following statement? *Even if it brings no immediate benefits, basic scientific research that advances the frontiers of knowledge is necessary and should be supported by the federal government.*

**24% STRONGLY AGREE**

**39% SOMewhat AGREE**

**16% SOMewhat DISAGREE**

**5% STRONGLY DISAGREE**

**16% NOT SURE**

“A lot of what’s going on behind the scenes is basic science. The biggest mistake we could make right now is to move all of our scientific effort in very disease-focused ways, and forget the basic science foundation because then we’d have no future.”

- NATIONAL INSTITUTES OF HEALTH DIRECTOR FRANCIS COLLINS, M.D.
Life Expectancy and Research

Strong Majority Concerned about Decline in Life Expectancy

For the second year in a row, the average life expectancy in the U.S. has declined. The average age is now 78. The average life expectancy in other industrialized nations is 80. How concerned are you that life expectancy in the U.S. will continue to decline by the year 2020?

27% very concerned
34% somewhat concerned
21% not too concerned
9% not at all concerned
9% not sure

Drug Abuse, Physical Inactivity Top Contributors to Declining Life Expectancy

Which of the following would you say are contributing to declining life expectancy in the U.S.? (Choose all that apply)

- Drug/substance abuse: 51%
- Physical inactivity: 43%
- Access to healthcare: 42%
- Lack of effective treatments or cures for deadly diseases: 31%
- Access to healthy food: 28%
- Environmental health threats (air pollution, water quality, etc.): 27%
- Insufficient government funding of medical and health research: 26%
- Social determinants of health (education, housing): 20%
- Lack of incentives for private sector research: 13%
- Not sure: 11%
- Other: 3%

“There are simple steps people can take to try to improve their quality of life. Control of blood pressure, improving physical activity, improving healthy diet, modest weight loss can make a huge difference.”

- ACTING CENTERS FOR DISEASE CONTROL AND PREVENTION DIRECTOR ANNE SCHUCHAT, M.D.

**new**

**Important for Government to Support Research that Personalizes Care**

How important is it for the federal government to support research and innovation that will personalize patient care - developing the right treatment for the right patient at the right time?

47% VERY IMPORTANT
30% SOMEWHAT IMPORTANT
12% NOT TOO IMPORTANT
4% NOT AT ALL IMPORTANT
8% NOT SURE

**new**

**Opinions Split on Whether Health Care Based on Best, Most Recent Research**

Do you believe the health care services you personally receive are based on the best and most recent research available?

33% YES
35% NO
33% NOT SURE

**new**

**Strong Majority Agree Discussion of Research Should be Part of Standard Care**

Do you agree or disagree that health care professionals should discuss research with patients as a standard part of their care?

42% STRONGLY AGREE
35% SOMEWHAT AGREE
7% SOMEWHAT DISAGREE
2% STRONGLY DISAGREE
14% NOT SURE

**SOURCE:** A Research!America survey of U.S. adults conducted in partnership with Zogby Analytics in January 2018.
Two-Thirds Say Government Should Increase Funding in Rural Health Research

Rural health research focuses on issues important to the delivery of rural medical services, the viability of rural healthcare facilities, and the health of individuals in rural areas. How important is it to increase federal funding for such research?

- **29% VERY IMPORTANT**
- **37% SOMEWHAT IMPORTANT**
- **10% NOT TOO IMPORTANT**
- **4% NOT AT ALL IMPORTANT**
- **20% NOT SURE**

More Than Half Say There’s Not Enough Investment in Mental Health Research

Do you think public investment in mental health research is enough, not enough or about right?

- **9% ENOUGH**
- **51% NOT ENOUGH**
- **18% ABOUT RIGHT**
- **22% NOT SURE**

Majority Say It’s Important to Invest In Suicide Prevention

How important is it for the U.S. to invest public dollars in the prevention of suicide?

- **32% VERY IMPORTANT**
- **33% SOMEWHAT IMPORTANT**
- **17% NOT TOO IMPORTANT**
- **8% NOT AT ALL IMPORTANT**
- **10% NOT SURE**


Strong Majority Agree U.S. Should Support Migraine Research

How important is it that our nation supports research that focuses on the prevention and treatment of migraine?

Very Important: 49%
Somewhat Important: 28%
Not Too Important: 12%
Not At All Important: 2%
Not Sure: 9%

Migraine Sufferers

Very Important: 30%
Somewhat Important: 38%
Not Too Important: 8%
Not At All Important: 3%
Not Sure: 21%

Non-Sufferers


Most Concerned Migraine Could Negatively Impact Quality of Life and Productivity

Which of the following would concern you as a consequence of suffering from migraine? (Choose all that apply)

Migraine Sufferers

- Quality of life: 75%
- Productivity: 63%
- Employment: 45%
- Family/relationships: 38%
- Independence: 29%
- Not sure: 9%
- Other: 1%

Non-Sufferers

- Quality of life: 64%
- Productivity: 44%
- Employment: 33%
- Family/relationships: 30%
- Not sure: 26%
- Independence: 20%
- Other: 1%


“It is an innovative and exciting time for neuroscience research, with scientists around the globe making significant progress in better understanding the underlying biology of migraine. In addition to investing in research, industry can be an important ally for the migraine community by collaborating with key stakeholders, including employers and payers, to help make a positive impact on patients’ lives.”

– SEAN E. HARPER, M.D., EXECUTIVE VICE PRESIDENT OF RESEARCH AND DEVELOPMENT, AMGEN
## Clinical Research

### Most Americans Have Not Participated in Clinical Trials

Have you or anyone in your family ever participated in clinical trials?

- **18%** YES
- **73%** NO
- **9%** NOT SURE

### Where would you go to get information about clinical trials? (Choose all that apply)

<table>
<thead>
<tr>
<th>Source</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Online/internet</td>
<td>56%</td>
</tr>
<tr>
<td>My doctor</td>
<td>51%</td>
</tr>
<tr>
<td>Hospitals</td>
<td>19%</td>
</tr>
<tr>
<td>Media (tv, radio, online and print)</td>
<td>18%</td>
</tr>
<tr>
<td>Pharmaceutical companies</td>
<td>17%</td>
</tr>
<tr>
<td>Patient organizations</td>
<td>15%</td>
</tr>
<tr>
<td>Not sure</td>
<td>15%</td>
</tr>
<tr>
<td>Government institutions</td>
<td>12%</td>
</tr>
<tr>
<td>Foundations/charities</td>
<td>12%</td>
</tr>
<tr>
<td>Other</td>
<td>1%</td>
</tr>
</tbody>
</table>

**SOURCE:** A Research!America survey of U.S. adults conducted in partnership with Zogby Analytics in July 2017.

> “The patient’s perspective is central to healthcare decisions affecting prevention, diagnosis, treatment, and long-term care.”

- AGENCY FOR HEALTHCARE RESEARCH AND QUALITY DIRECTOR GOPAL KHANNA
Strong Majority Have Not Participated in a Clinical Trial

Have you or someone in your family ever participated in a clinical trial?

<table>
<thead>
<tr>
<th></th>
<th>YES</th>
<th>NO</th>
<th>NOT SURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>African-American</td>
<td>22%</td>
<td>65%</td>
<td>13%</td>
</tr>
<tr>
<td>Hispanic</td>
<td>19%</td>
<td>72%</td>
<td>9%</td>
</tr>
<tr>
<td>Non-Hispanic White</td>
<td>15%</td>
<td>79%</td>
<td>6%</td>
</tr>
<tr>
<td>Asian</td>
<td>13%</td>
<td>83%</td>
<td>4%</td>
</tr>
</tbody>
</table>


Lack of Trust Less of a Barrier to Clinical Trial Participation

Fewer than 10% of Americans participate in clinical trials. Which of the following do you think is a reason that individuals don’t participate in clinical trials? (Percentage saying lack of trust)

<table>
<thead>
<tr>
<th></th>
<th>Percentage saying lack of trust</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-Hispanic White</td>
<td>39%</td>
</tr>
<tr>
<td>African-American</td>
<td>50%</td>
</tr>
<tr>
<td>Asian</td>
<td>45%</td>
</tr>
<tr>
<td>Hispanic</td>
<td>43%</td>
</tr>
</tbody>
</table>


Lack of Information Still a Major Barrier to Clinical Trial Participation

Fewer than 10% of Americans participate in clinical trials. Which of the following do you think is a reason that individuals don’t participate in clinical trials? (Percentage saying not aware/lack of information)

<table>
<thead>
<tr>
<th></th>
<th>Percentage saying not aware/lack of information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-Hispanic White</td>
<td>59%</td>
</tr>
<tr>
<td>African-American</td>
<td>48%</td>
</tr>
<tr>
<td>Asian</td>
<td>46%</td>
</tr>
<tr>
<td>Hispanic</td>
<td>52%</td>
</tr>
</tbody>
</table>

**Strong Majority Likely to Participate in Clinical Trials Recommended by Doctor**

If your doctor found a clinical trial for you and recommended you join, how likely would you be to participate in a clinical trial?

**37% VERY LIKELY**  
**44% SOMEWHAT LIKELY**  
**7% NOT LIKELY**  
**3% WOULD NOT PARTICIPATE**  
**9% NOT SURE**

**Discussion of Clinical Trials Should Be Part of Standard Care**

Do you agree or disagree that health care professionals should discuss clinical trials with patients diagnosed with a disease as part of their standard of care?

**43% STRONGLY AGREE**  
**36% SOMEWHAT AGREE**  
**6% SOMEWHAT DISAGREE**  
**3% STRONGLY DISAGREE**  
**13% NOT SURE**

“Research is advancing promising therapies that could make a tremendous difference for millions of people with chronic diseases like type 1 diabetes. We must help advance the standard of care not only through research funding, but by working with the government and other organizations to improve participation in clinical trials, access to treatment and affordability of care.”

— DEREK K. RAPP, PRESIDENT AND CEO, JDRF
Patients Willing to Share Health Information for a Variety of Reasons

Please indicate your willingness to share your personal health information, assuming that appropriate privacy protections are in place.

<table>
<thead>
<tr>
<th>Reason</th>
<th>YES</th>
<th>NO</th>
<th>NOT SURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>So researchers can better understand diseases and develop new ways to prevent, treat and cure them</td>
<td>74%</td>
<td>12%</td>
<td>14%</td>
</tr>
<tr>
<td>To advance medical research</td>
<td>71%</td>
<td>13%</td>
<td>17%</td>
</tr>
<tr>
<td>So health care providers can improve patient care</td>
<td>69%</td>
<td>17%</td>
<td>15%</td>
</tr>
<tr>
<td>So public health officials can better track disease and disability and the causes</td>
<td>65%</td>
<td>18%</td>
<td>17%</td>
</tr>
</tbody>
</table>


Americans Believe the FDA Needs Reform

The Food and Drug Administration (FDA) is responsible for assuring the safety and effectiveness of medicines and medical technologies. Which statement comes closer to your view? The Food and Drug Administration needs to be reformed to:

- **22%** SPEED PATIENT ACCESS TO NEW MEDICINES AND MEDICAL TECHNOLOGIES
- **22%** FOCUS MORE ATTENTION ON PREVENTING UNSAFE OR INEFFECTIVE DRUGS AND MEDICAL TECHNOLOGIES FROM BEING SOLD
- **45%** BOTH
- **12%** NONE OF THE ABOVE

Advancing Research to Address Opioid Epidemic

Nearly Two-Thirds Support Increased Funding for Research to Combat Opioid Addiction
Do you support or oppose increased funding for research to better understand and combat opioid addiction?

31% STRONGLY SUPPORT
33% SOMewhat SUPPORT
12% SOMewhat OPPOSE
8% STRONGLY OPPOSE
17% NOT SURE


Plurality Say Pain Medication Addiction Is a Problem in Their Community
Is prescription pain medication abuse and addiction a major problem in your community?

39% YES
26% NO
36% NOT SURE


Majority Agree Opioid Epidemic Has Hurt Local Economies
Do you agree or disagree that the opioid epidemic has negatively impacted local economies and job growth?

26% STRONGLY AGREE
30% SOMewhat AGREE
12% SOMewhat DISAGREE
7% STRONGLY DISAGREE
25% NOT SURE

Overprescribing of Opioids Top Barrier to Combating Opioid Epidemic

Which of the following are barriers to effectively combating the opioid epidemic? (Choose all that apply)

- Overprescribing of opioids: 60%
- Lack of access to treatment: 37%
- Lack of coordination between state and federal governments to address epidemic: 35%
- Lack of funding for research and prevention: 24%
- Stigma of opioid use: 21%
- Not sure: 17%
- Other (specify): 5%


“I think the biggest role that FDA can play in trying to address [the opioid] crisis is in reducing overall exposure, and helping solve the new addiction crisis. It’s going to take a very concerted effort by a lot of people to address the current addiction crisis.”

– FOOD AND DRUG ADMINISTRATION COMMISSIONER SCOTT GOTTLIEB, M.D.
One State’s Perspective: West Virginia

West Virginians Say Opioid Epidemic Most Important Health Issue

In your opinion, what is the most important health issue facing people in West Virginia today?

<table>
<thead>
<tr>
<th>Health Issue</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Opioid epidemic/substance abuse</td>
<td>36%</td>
</tr>
<tr>
<td>Obesity</td>
<td>22%</td>
</tr>
<tr>
<td>Cancer</td>
<td>16%</td>
</tr>
<tr>
<td>Not sure</td>
<td>7%</td>
</tr>
<tr>
<td>Heart disease</td>
<td>5%</td>
</tr>
<tr>
<td>Diabetes</td>
<td>4%</td>
</tr>
<tr>
<td>Mental health</td>
<td>3%</td>
</tr>
<tr>
<td>Chronic obstructive pulmonary disease (COPD)</td>
<td>2%</td>
</tr>
<tr>
<td>Arthritis</td>
<td>1%</td>
</tr>
<tr>
<td>Asthma</td>
<td>1%</td>
</tr>
<tr>
<td>Dental disease</td>
<td>1%</td>
</tr>
<tr>
<td>High blood pressure</td>
<td>1%</td>
</tr>
<tr>
<td>Other (specify)</td>
<td>1%</td>
</tr>
<tr>
<td>Kidney disease</td>
<td>0.2%</td>
</tr>
</tbody>
</table>


Nearly Two-Thirds Agree White House Declaration Will Help Localities

Do you agree or disagree that a White House declaration that the opioid epidemic is a national emergency will support local efforts to address the crisis?

- 32% STRONGLY AGREE
- 31% SOMEWHAT AGREE
- 17% SOMEWHAT DISAGREE
- 8% STRONGLY DISAGREE
- 12% NOT SURE

“We have a tremendous challenge right now [with the opioid crisis]. We have a West Virginia problem, and a United States problem. We’ve got to work on that.”

- SENATOR JOE MANCHIN (D-WV)
Important for West Virginia to Be a Leader in Medical and Health Research

How important is it for West Virginia to be a leader in the following categories?

**VERY IMPORTANT**
**SOMewhat IMPORTANT**
**NOT TOO IMPORTANT**
**NOT AT ALL IMPORTANT**
**NOT SURE**

<table>
<thead>
<tr>
<th>Category</th>
<th>Very Important</th>
<th>Somewhat Important</th>
<th>Not Too Important</th>
<th>Not at All Important</th>
<th>Not Sure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Education</td>
<td>63%</td>
<td>24%</td>
<td>3%</td>
<td>3%</td>
<td>5%</td>
</tr>
<tr>
<td>Energy</td>
<td>55%</td>
<td>30%</td>
<td>4%</td>
<td>7%</td>
<td>4%</td>
</tr>
<tr>
<td>Medical and Health Research</td>
<td>52%</td>
<td>25%</td>
<td>13%</td>
<td>3%</td>
<td>7%</td>
</tr>
<tr>
<td>Agriculture</td>
<td>52%</td>
<td>33%</td>
<td>7%</td>
<td>3%</td>
<td>5%</td>
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<tr>
<td>Manufacturing</td>
<td>44%</td>
<td>35%</td>
<td>10%</td>
<td>4%</td>
<td>7%</td>
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<tr>
<td>Information Technology</td>
<td>37%</td>
<td>34%</td>
<td>17%</td>
<td>5%</td>
<td>8%</td>
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<tr>
<td>Defense</td>
<td>30%</td>
<td>29%</td>
<td>23%</td>
<td>10%</td>
<td>8%</td>
</tr>
<tr>
<td>Aerospace</td>
<td>19%</td>
<td>26%</td>
<td>30%</td>
<td>17%</td>
<td>9%</td>
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**SOURCE:** A Research!America survey of adults in West Virginia conducted in partnership with Zogby Analytics in September 2017.
"In Congress, we’re trying to extend STEM education for women and for minorities. [They] are very underrepresented in the STEM field."

- SENATOR SHELLEY MOORE CAPITO (R-WV)

West Virginia Should Support Private Investments in Research

Do you agree or disagree that the West Virginia state legislature should support legislation that will encourage private investments in medical research?

- 41% STRONGLY AGREE
- 41% SOMewhat AGREE
- 6% SOMewhat DISAGREE
- 2% STRONGLY DISAGREE
- 10% NOT SURE

Investing in Medical Research Is Important to West Virginia’s Economy

In terms of jobs and incomes, how important do you think spending money on medical research is to West Virginia’s economy?

- 37% VERY IMPORTANT
- 41% SOMewhat IMPORTANT
- 13% NOT TOO IMPORTANT
- 3% NOT AT ALL IMPORTANT
- 7% NOT SURE

Federal Government Should Assign Higher Priority to STEM Education

Do you agree or disagree the federal government should assign a higher priority to improving education focused on science, technology, engineering and mathematics and careers in those fields?

- 40% STRONGLY AGREE
- 45% SOMewhat AGREE
- 6% SOMewhat DISAGREE
- 2% STRONGLY DISAGREE
- 7% NOT SURE

# Board of Directors

## Officers

*The Hon. Michael N. Castle, Chair*
- Partner, DLA Piper, LLP
- Governor of Delaware (1985-1992)
- United States Representative (1993-2011)

*The Hon. John Edward Porter, Chair Emeritus*
- Senior Advisor, Hogan Lovells US LLP
- United States Representative (1980-2001)

*The Hon. Kweisi Mfume, Vice Chair*
- Chief Health Equity Officer, Capital Technologies Informatics Systems
- Director, Health Policy Research Consortium
- United States Representative (1987-1996)

*Mary Woolley, President*
- Chief Executive Officer, Research!America

*E. Albert Reece, M.D., Ph.D., MBA, Secretary*
- Dean; Executive Vice President of Medical Affairs; The John Z. and Akiko Bowers Distinguished Professor; University of Maryland School of Medicine

*Lucinda Maine, Ph.D., R.Ph., Treasurer*
- Executive Vice President and Chief Executive Officer, American Association of Colleges of Pharmacy

## Board Members

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Institution/Company</th>
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<tbody>
<tr>
<td>Tenley E. Albright, M.D.</td>
<td>Director MIT Collaborative Initiatives</td>
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<tr>
<td>Hortensia Amaro, Ph.D.</td>
<td>Dean's Professor of Social Work and Professor of Preventive Medicine Keck School of Medicine University of Southern California</td>
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<tr>
<td>Georges C. Benjamin, M.D.</td>
<td>Executive Director American Public Health Association</td>
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<tr>
<td>Nancy Brown</td>
<td>Chief Executive Officer American Heart Association</td>
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<tr>
<td>Susan Dentzer</td>
<td>President and Chief Executive Officer Network for Excellence in Health Innovation</td>
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<tr>
<td>Victor J. Dzau, M.D.</td>
<td>President James S. McDonnell Foundation</td>
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<tr>
<td>Jay A. Gershon, DDS, Ph.D.</td>
<td>President Northeast Ohio Medical University</td>
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<tr>
<td>William N. Hait, M.D., Ph.D.</td>
<td>Global Head Janssen Research and Development, LLC</td>
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<tr>
<td>Larry Hausner, MBA</td>
<td>President ConStrat</td>
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<tr>
<td>Mary J.C. Hendrix, Ph.D.</td>
<td>President Shepherd University</td>
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<tr>
<td>Martha N. Hill, RN, Ph.D.</td>
<td>Dean Emerita The Johns Hopkins University School of Nursing</td>
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<td>Rush D. Holt, Ph.D.</td>
<td>Chief Executive Officer American Association for the Advancement of Science United States Representative (1999-2015)</td>
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<tr>
<td>Harry Johns</td>
<td>President and Chief Executive Officer Alzheimer's Association</td>
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<tr>
<td>Elizabeth Baker Keffer</td>
<td>Managing Director and Chief Network Officer BDT &amp; Company</td>
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<tr>
<td>Debra R. Lappin, JD</td>
<td>Principal Faegre Bakers Daniel Consulting</td>
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<tr>
<td><em>Alan I. Leshner, Ph.D.</em></td>
<td>Chief Executive Officer Emeritus American Association for the Advancement of Science</td>
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<tr>
<td>James L. Madara, M.D.</td>
<td>Chief Executive Officer and Executive Vice President American Medical Association</td>
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