President Barack Obama has signed off on a spending package to provide agency funding for the remainder of FY13. This package includes some modest funding increases for the National Institutes of Health, the Food and Drug Administration, Centers for Disease Control and Prevention, and the National Science Foundation, but the legislation locks in sequestration. These deep, across-the-board budget cuts for FY13 and beyond more than wiped out the funding increases.

While the attention paid to NIH, FDA, CDC and NSF is a promising platform for our advocacy efforts, sequestration still slashed NIH funding by $1.5 billion and cut hundreds of millions from NSF, FDA and CDC. Unless an alternative plan is enacted, these cuts will continue for the next decade.

Both the Senate and the House have released their respective 10-year budget plans, while the president’s budget is scheduled to be released the week of April 8. In the House budget, Chairman Paul Ryan (R-WI) calls for significant cuts to the pool of funding used to support research (discretionary) and other federal programs.

Continued on page 4

Research!America Members Elect Two New Board Members

James Madara, MD, chief executive officer and executive vice president of the American Medical Association, and Amy Comstock Rick, JD, chief executive officer of the Parkinson’s Action Network, have been elected to Research!America’s Board of Directors.

Both were elected during Research!America’s Annual Meeting of Members, which was held March 13 in Washington, DC.

Madara has a successful background as an academic medical center physician, medical scientist and administrator. Prior to joining AMA in 2011, he served as a senior advisor with Leavitt Partners, a health care consulting firm founded by former Department of Health and Human Services Secretary Mike Leavitt. During his time in academia, Madara served as a professor and department chair with the Emory University School of Medicine and later became dean at the University of Chicago Pritzker School of Medicine. At Chicago, Madara oversaw the opening of several new buildings and programs within the school’s biomedical campus. Later, he also became CEO of the University of Chicago Medical Center, where he built affiliations with several other clinical and research organi—

Continued on page 5

Government Research Important to Private Sector Innovation

<table>
<thead>
<tr>
<th>Importance</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Very important</td>
<td>25%</td>
</tr>
<tr>
<td>Somewhat important</td>
<td>42%</td>
</tr>
<tr>
<td>Not too important</td>
<td>16%</td>
</tr>
<tr>
<td>Not at all important</td>
<td>8%</td>
</tr>
<tr>
<td>Not sure</td>
<td>9%</td>
</tr>
</tbody>
</table>
In 1976, Ken Stuart, PhD, opened the Issaquah Group for Health and Environmental Research, which was set up to foster the best and brightest researchers who were working to combat trypanosomes and related parasitic diseases. Today, the organization is known as Seattle BioMed, and it employs 15 faculty members and more than 330 workers in all.

Despite its expansion over the past 37 years, current President Alan Aderem, PhD, explains that Seattle BioMed (officially known as Seattle Biomedical Research Institute) has stayed true to its roots. The organization’s focus lies in the basic research that leads to better understanding of, and interventions for, tuberculosis, malaria, HIV and parasites such as those causing African sleeping sickness—diseases that, at a fundamental level, remain a mystery.

Aderem was one of three co-founders of the Institute for Systems Biology, also a Research!America member. Aderem believes that systems biology, when integrated with immunology and infectious disease research, can accelerate progress in the development of vaccines, drugs and diagnostics, and he is implementing that approach at Seattle BioMed. There’s already one success story.

“We have a program in South Africa with 6,000 adolescents all latently infected with TB. We took blood from them every six months over the course of two years. In that time, a small number of them became ill with active TB,” Aderem explained. “By comparing the networks within the wide-circulating white blood cells, we were able to come up with a predictive network that allows us to tell very early on whether or not a kid with a latent infection is likely to get sick.”

Aderem said that combating public health threats such as TB is critically important to the U.S.

“Totally drug resistant TB is a very real danger. This is especially true because TB is so easy to spread worldwide,” Aderem said. “We need to make lawmakers aware of this issue because it’s a major public health threat—not only in resource-poor countries, but also in the United States. Despite the fact that the bacterium that causes tuberculosis was discovered 130 years ago, we still don’t have an effective vaccine against it. We need to understand the basic mechanisms by which the bacterium subverts the immune system. Continued investment in scientific research is critical, and the advocacy and public polling carried out by Research!America helps bring these issues to lawmakers’ attention for the collective of medical research institutes that includes Seattle BioMed.”

Learn more at www.seattlebiomed.org.

Research!America stands on a reputation of innovative advocacy that generates results serving our mission and the interests of our members:

- Research!America’s Advocacy Awards celebrate the efforts of those who have made a difference in advocating for or increasing awareness of the role of health and medical research.
- Research!America has conducted public opinion polling since 1992, including numerous national surveys and polling in 44 states and the District of Columbia. Our polling asks Americans for their thoughts on research, public health, global health and other topics concerning research to improve health.
Sequestration Advocacy Gains Traction
Research!America Board member Georges Benjamin, MD, executive director of the American Public Health Association, was interviewed in Poli tico Pro about the Centers for Disease Control and Prevention potentially providing fewer vaccines due to sequestration. John Seffrin, PhD, also a Research!America Board member and CEO of the American Cancer Society, was interviewed in The Hill about sequestration’s impact to cancer research. Nobel laureate Carol Greider, PhD, was quoted in CQ Healthbeat and Reuters about the across-the-board funding cuts and impact to the careers of young scientists. Laurie Glimcher, MD, dean of Weill Cornell Medical College, spoke out against sequestration during a press conference covered by The Queens Gazette. Kris Rebillot, spokeswoman for The Buck Institute for Research on Aging, discussed potential reductions in research grants in The North Bay Business Journal.

LiveScience.com and HealthDay interviewed Research!America’s president and CEO, Mary Woolley, about sequestration’s impact to research. Each article was picked up by dozens of media outlets across the country, including Fox News, NBC News and Christian Science Monitor.

In an op-ed published in the Philadelphia Inquirer, J. Larry Jameson, MD, PhD, dean of the Perelman School of Medicine at the University of Pennsylvania, called on Congress to approach debt reduction with a scalpel rather than a saw. Young researchers from Perelman were interviewed in The Daily Pennsylvanian. Arthur S. Levine, MD, senior vice chancellor for the health sciences and dean of the University of Pittsburgh School of Medicine, penned an op-ed about the importance of National Institutes of Health-funded research in the Pittsburgh Post-Gazette.


2013 Advocacy Awards
Research!America’s 2013 Advocacy Awards dinner and Chair John Porter’s speech about the current partisan divide on Capitol Hill were highlighted in an article in Roll Call. Mark L. Rosenberg, MD, president and CEO of The Task Force for Global Health, was featured in the Sporta Report as a recipient of the 2013 Raymond and Beverly Sackler Award for Sustained National Leadership.

Poll: Small Business Leaders Do Not Support Sequestration
Research!America’s online national small business owners/operators survey that showed broad support for basic research funded by the federal government was featured in a CBSNews.com article.

Researchers Moving Overseas
Mary Woolley was interviewed in the Baltimore Sun about scientists who are choosing to work overseas rather than in the U.S. due to the uncertainty of funding. She said that we may see more evidence of scientists moving overseas in the coming years. Carol Greider was also interviewed for the piece.
Policy Update

Sequestration Cuts
Continued from page 1

levels steeper than those required by sequestration. In the Senate, Sen. Patty Murray (D-WA) has proposed increasing tax revenue and entitlement reform to replace sequestration and provide modest boosts to discretionary spending. The Ryan and Murray proposals differ quite widely in their approach, and it is unlikely that they will be reconciled. The budgets are, however, an important indicator of party priorities and may foreshadow the coming fiscal debates as we approach the debt limit in May.

Even though Congress just completed its work in FY13, the FY14 appropriations process is under way. Reps. David McKinley (R-WV) and Ed Markey (D-MA) have authored a bipartisan sign-on letter to appropriators, calling for $32 billion for NIH in FY14. Research!America supports that funding level, which would compensate for sequestration if that law is still in effect. The Ryan and Murray proposals differ quite widely in their approach, and it is unlikely that they will be reconciled. The budgets are, however, an important indicator of party priorities and may foreshadow the coming fiscal debates as we approach the debt limit in May.

Another bright spot: In early April, the White House announced that its budget will include $100 million for a public-private partnership to study brain activity in unprecedented detail. The bottom line, though, is that as long as sequestration is in place, our medical research pipeline cannot thrive. We must fight to repeal this law and prevent other actions that reduce funding for biomedical and health research, such as imposing ever-lower caps on annual discretionary spending. The discretionary spending pool that finances research is not the cause of our deficit; draining it will not close our budget gap. Instead, policy makers must work together on compromise proposals that focus on tax and entitlement reform. This was a core message in remarks from our chair, The Honorable John Porter, at our recent Advocacy Awards dinner. You can view his full remarks online at http://bit.ly/10dWaQR.

CPH Foundation Update

An analysis by The CPH Foundation has found just how much ground has been lost by the CDC’s budget authority.

Because of budget cuts and sequestration, the agency’s budget authority is now $724 million less than it was in FY05. By way of comparison, had the CDC budget kept pace with the consumer price index in that timeframe, its budget would be nearly $1 billion more than it is today.

A chart demonstrating the year-by-year budget comparison is available at http://cphfoundation.tumblr.com.

These cuts come at an inopportune time; a recent report by the Association of State and Territorial Health Officials found that state and local governments have shed 21% of their total public health workforce.

2013 FEDERAL RESEARCH BUDGET

<table>
<thead>
<tr>
<th>Agency</th>
<th>FY13 Final Budget Authority</th>
<th>FY13 Budget Authority Minus Sequestration</th>
</tr>
</thead>
<tbody>
<tr>
<td>National Institutes of Health</td>
<td>$30.7 billion</td>
<td>$29.1 billion</td>
</tr>
<tr>
<td>Centers for Disease Control and Prevention*</td>
<td>$5.7 billion</td>
<td>$5.4 billion</td>
</tr>
<tr>
<td>Food and Drug Administration</td>
<td>$2.6 billion</td>
<td>$2.5 billion</td>
</tr>
<tr>
<td>National Science Foundation</td>
<td>$7.2 billion</td>
<td>$6.9 billion</td>
</tr>
<tr>
<td>Agency for Healthcare Research and Quality**</td>
<td>$0.37 billion</td>
<td>$0.35 billion</td>
</tr>
</tbody>
</table>

* CDC core budget. The House bill terminated funding for the Prevention and Public Health Fund. ** Excludes funding from transfers.
Rally for Medical Research to be Held April 8
Research!America and more than 150 other groups will participate in the Rally for Medical Research in Washington, DC, on April 8. The rally is intended to raise awareness of the importance of medical research to the health of Americans and the importance of sustained investment in the National Institutes of Health and other federal agencies that perform research to improve health.

Research!America’s chair, The Honorable John Edward Porter, is scheduled to speak at the rally along with various Members of Congress.

To learn more about the rally, visit http://rallyformedicalresearch.org.

Sequestration Cuts Affect NIH Extramural Grant Funding
In early March, the National Institutes of Health’s deputy director for extramural research, Sally Rockey, PhD, sent a letter to grant awardees advising them of the potential impact of sequestration cuts on their grants. Though researchers will have to await specific funding decisions for each individual grant, Rockey warned in the letter that a number of grant categories may be affected. Not surprisingly, new grant applications may not be funded or may be significantly “rescoped” to account for decreased funding. Additionally, “continuation awards,” or renewed funding applications for ongoing research, may also be cut or scaled back. Rockey pointed out that these cuts do not affect grant awards, or renewed funding applications for ongoing research, may also be cut or scaled back. Rockey pointed out that these cuts do not affect government grants made with 2012 resources, and she stressed that the NIH were “taking every step to mitigate the effects of these cuts.”

Two New Board Members
Continued from page 1

zations. Madara is a recognized expert on epithelial cell biology and on gastrointestinal disease.

Rick has a successful history in advocacy and public policy. She has been CEO of Parkinson’s Action Network since 2003, and she also serves on several other boards connected to medical research advocacy: She is president of the Coalition for the Advancement of Medical Research (CAMR) and has been on its board since 2004; she also serves on the boards of the American Brain Coalition—where she is treasurer—and the National Health Council. She has testified before several congressional committees and, in 2011, was honored by Genetic Alliance for her work on federal embryonic stem cell research policy. Before joining the nonprofit world, Rick served as director of the U.S. Office for Government Ethics and worked as an attorney in both the White House under former President Bill Clinton and the Department of Education.

Twelve other Research!America Board members were elected to new, three-year terms: Tenley E. Albright, MD, of the Massachusetts Institute of Technology and Harvard Medical School; Georges C. Benjamin, MD, of the American Public Health Association; Susan Dentzer of Health Affairs; Victor J. Dzau, MD, of Duke University; Martha Hill, PhD, RN, of Johns Hopkins University; Harry Johns of the Alzheimer’s Association; Evan Jones of JVen Capital; Mark McClellan, MD, PhD, of the Brookings Institution; Herbert Pardes, MD, of NewYork-Presbyterian Hospital; The Honorable John Edward Porter of Hogan Lovells US LLP; Larry Shapiro, MD, of Washington University in St. Louis; and Jack Watters, MD, of Pfizer. In addition to the business, attendees at the Annual Meeting heard speeches by Rep. Joseph P. Kennedy (D-MA) and Advocacy Award winner John Crowley, chairman and CEO of Amicus Therapeutics.

Additionally, Research!America’s Board voted to install its officers during a Board meeting that followed the Annual Meeting. Porter was named chair; The Honorable Michael N. Castle of DLA Piper was named vice chair; Shapiro was named secretary; and Lucinda Maine, PhD, RPh, of the American Association of Colleges of Pharmacy, was named treasurer.

Special Thanks To Our New and Renewing Research!America Alliance Members

New Members
Colgate-Palmolive
National Disease Research Interchange (NDRI)

Renewing Members
AbbVie
Akron Children’s Hospital
Alzheimer’s Association
American Academy of Nursing
American Association for Cancer Research
American Federation for Medical Research
American Public Health Association
American Society for Biochemistry and Molecular Biology
American Society for Clinical Investigation
American Society of Hematology
The American Society for Microbiology
American Society of Tropical Medicine and Hygiene
The Association for Research in Vision and Ophthalmology
Battelle
Cleveland State University
Columbia University
Albert Einstein College of Medicine of Yeshiva University
Emergent BioSolutions
Emory University Rollins School of Public Health
Feinberg School of Medicine, Northwestern University

The Feinstein Institute for Medical Research
The J. David Gladstone Research Institutes
Greater Akron Chamber
Johns Hopkins Medicine
Kent State University
Lupus Foundation of America
Ann & Robert H. Lurie Children’s Hospital of Chicago Research Center
Melanoma Research Alliance
Nova Southeastern University College of Dental Medicine
Parkinson’s Action Network
Parkinson’s Disease Foundation
Salk Institute for Biological Studies
Takeda Pharmaceuticals U.S.A. Inc.
Translational Genomics Research Institute (TGen)
The University of Alabama at Birmingham
University of Louisville School of Dentistry
University of North Carolina School of Medicine
Washington University in St. Louis School of Medicine
The George Washington University School of Public Health and Health Services
Yale University School of Nursing
ZERO-The Project to End Prostate Cancer

A report from the Alzheimer’s Association found that one in three older adults dies with Alzheimer’s disease or another form of dementia; the report also found that, from 2000 to 2010, deaths from Alzheimer’s and other dementias increased by 68%.

The Congressional Biomedical Research Caucus announced Rep. Steve Stivers (R-OH) as the newest co-chair of the caucus.

The Foundation for the National Institutes of Health awarded the first Lurie Prize, named after philanthropist Ann Lurie, to Ruslan M. Medzhitov, PhD, of Yale University and the Howard Hughes Medical Institute.

Jon Lorsch, PhD, has been named as the new director of the National Institute of General Medical Sciences at the NIH. Lorsch is expected to begin at NIH this summer.

In Letter, Coalition for Health Funding Requests $65B for Health Research, Public Health

The Coalition for Health Funding has recommended funding federal health research and public health agencies at $65 billion. In a letter, the group—which includes Research!America—said that amount would preserve the country’s short- and long-term health needs while also be cognizant of the need to reduce the federal deficit.

The letter was also sent to congressional budget committee leadership: Sen. Patty Murray (D-WA), chairman of the Senate Budget Committee; Sen. Jeff Sessions (R-AL), ranking member of the Senate Budget Committee; Rep. Paul Ryan (R-WI), chairman of the House Budget Committee; and Rep. Chris Van Hollen (D-MD), ranking member of the House Budget Committee.

“Public health and health research are not the root cause of our fiscal crisis, and cutting them further will not bring the budget into balance,” the letter stated. “On the contrary, with greater investment, these programs are an integral part of the solution.”

Research!America Meets with Congressional Leadership

A reception co-sponsored by Research!America and hosted by The Hill newspaper brought together advocates, including Research!America, and congressional leadership. In the photo at left, Rep. Alan Lowenthal, PhD (D-CA) meets with Hugo Gurdon, editor in chief of The Hill; Mary Woolley, president and CEO of Research!America; and Tom Frieden, MD, MPH, director of the Centers for Disease Control and Prevention. In the photo at right, Rep. Bob Goodlatte (R-VA) chats with Ed Hunter of the CDC’s Washington office, Frieden and Francis Collins, MD, PhD, director of the National Institutes of Health.

AMERICA SPEAKS

How important is it that the federal government supports research that focuses on making our health care system more efficient?

SOURCE: A RESEARCH!AMERICA ONLINE SURVEY OF SMALL BUSINESS OWNERS CONDUCTED IN PARTNERSHIP WITH ZOGBY ANALYTICS IN FEBRUARY 2013.
The research advocate

GLOBAL HEALTH
ADVOCACY

On March 14 at the Consortium of Universities for Global Health (CUGH) annual conference, Research!America hosted a panel on neglected tropical diseases. Panelists discussed the global health and economic burden of NTDs, pointing out that individuals affected by these debilitating diseases—both in the U.S. and around the world—can never reach their full potential.

Despite this burden, affordable and effective tools do not yet exist for many NTDs. Panelists highlighted the urgent need to develop new drugs, diagnostics and vaccines to combat NTDs, as well as the importance of increased research funding and further development of promising and innovative financing models such as public-private collaborations.

If we can work together to raise awareness of NTDs and advocate for more funding to advance NTD research, one day we can have the tools necessary to eliminate these diseases.

To read more about the event, please visit http://bit.ly/10lbYT6.

Inaugural Breakthrough Prize Winners Announced

The first 11 winners of the Breakthrough Prize in Life Sciences have been announced; 10 of them are based in the U.S.: Cornelia I. Bergmann, PhD, and Titia de Lange, PhD, both of Rockefeller University; David Botstein, PhD, of Princeton University; Lewis C. Cantley, PhD, of Weill Cornell Medical College and NewYork-Presbyterian Hospital; Napoleone Ferrara, MD, PhD, of the University of California, San Diego; Eric S. Lander, PhD, of the Broad Institute of the Massachusetts Institute of Technology and Harvard University (and a Research!America Advocacy Award winner); Charles L. Sawyers, MD, of Memorial Sloan Kettering Cancer Center; Bert Vogelstein, MD, of Johns Hopkins Medicine; Robert A. Weinberg, PhD, of the Whitehead Institute for Biomedical Research at MIT; and Shinya Yamanaka, MD, PhD, of the J. David Gladstone Institutes.

Each winner will receive $3 million in prize money. In subsequent years, five winners will be chosen and each will receive $3 million.

The prize is funded by Facebook CEO Mark Zuckerberg and his wife, Priscilla Chan; Google co-founder Sergey Brin and his wife, 23andMe co-founder Anne Wojcicki; and prominent tech investor Yuri Milner.

RESEARCH!AMERICA EXTENDS SPECIAL THANKS TO OUR PRINCIPAL PARTNERS

2013 Advocacy Awards

Benefactor: Geoffrey Beene Foundation

Program Partners:
GlaxoSmithKline
Pfizer Inc

Contributor:
Duke University Medical Center

Sponsors:
Battelle
The Vradenburg Foundation
Mary Woolley

Friends:
American Association for Cancer Research
Amicus Therapeutics
Bristol-Myers Squibb
Children’s Tumor Foundation
Faegre BD Consulting
Van Andel Research Institute

General Support:
The New York Community Trust
(Dorothy Perlow Fund)

Visit www.researchamerica.org/ partnership_opportunities for ways to support Research!America.

Nine in 10 Small Business Owners: R&D Important to Competitiveness

How important do you think research and development is to global competitiveness?

- Very important: 52%
- Somewhat important: 38%
- Not too important: 4%
- Not at all important: 2%
- Not sure: 4%

Coming Up


April 8, 2013—Rally for Medical Research, Washington, DC.


To learn more about these events, visit www.researchamerica.org/event_listing.

Advocacy & Action

Boost NIH Funding by $1.5 Billion

As we continue to fight to stop sequestration, Reps. David McKinley (R-WV) and Ed Markey (D-MA) have called for increasing National Institutes of Health funding to $32 billion in FY14. As a community, we must urge our representatives in the House to support this bipartisan effort. Ask your representative to sign on to the McKinley-Markey letter right away. View this alert online at http://bit.ly/14j6fCS.

The stakes for research have never been higher. We know that research is a critical national investment that will save and improve lives while growing our economy. Make sure your representatives get the message. Remember to share this alert with everyone in your network.

Visit US ON THE WEB

www.researchamerica.org

- Connect with ResearchAmerica Online
- Follow us on Twitter: www.twitter.com/researchamerica
- Become a fan on Facebook: www.researchamerica.org/facebook
- Watch our YouTube channel: www.youtube.com/researchamerica
- Visit our blog: www.researchamerica.org/blog
To quote Mary Lasker, ‘If you think medical research is expensive, try disease.’ Members of Congress who are here: We out in California implore you to consider doing everything you possibly can for the NIH to continue funding to help us find the cures for these terrible diseases. Not only will that benefit the patients and their families, but if we don’t do something as we all know, spiraling health care costs will take this country down in about four decades—bankrupt the country. We need to find those cures.

“In global health … there are millions and millions of faces and we’ve got to see the faces of millions or tens of millions or hundreds of millions of people that we work for. And it’s very easy to lose sight of the faces when you focus on the numbers, but it’s so important that we do both. I think global health research and global health work is particularly challenging; it’s difficult and it’s slow because the faces of those people we are trying to help are far away. You may never see them. And some of the ones we’re working for are not yet born and you’ll never see them.”

“I would, at this moment, having such a prestigious audience before me, beg and plead with you to do more to understand both Parkinson’s and Alzheimer’s. Two diseases that will, in some way, strike each and everyone one of us. Several months ago I had to transfer my own husband into assisted living. He suffers from Parkinson’s with Lewy body dementia. It is a terrible, terrible disease; to watch a man who was so strong, so healthy, so brilliant; to experience this and to have watched so many of our friends go through the hideous downward ladder of both Parkinson’s and Alzheimer’s.”
“We realized in the last few years, as is so often the case in medical research, it wasn’t a cure. It’s a treatment; it’s a first step. And we’ve got to go back and do it again and again and that’s why your support tonight and the work … everybody in this universe of research here in America does is so critically important. And the role of families and advocates to just have a chance to maybe push that virtuous circle a little bit, to extend and enhance the life of their loved ones, of their families. At the end of the day I think that’s all we’re trying to do, to enhance quality of life and to earn more time.”

—Senator Burr (R-NC)

“No doubt, no doubt at all, that if we stay focused, we set forth achievable goals and continue the investments that we can bring the bright light of medical breakthroughs and cures for disease, we can bring that bright light to so many more families across our nation.”

—Sen. Casey (D- PA)
To submit a nomination for the 2014 Advocacy Awards, please visit www.researchamerica.org/2014nominations. The deadline for nominations is May 15, 2013. Sponsorship opportunities for the Advocacy Awards and National Health Research Forum, to be held in September, are available. Contact Carol Kennedy, senior director, development and membership, at ckennedy@researchamerica.org.
SAVE THE DATE

Research!America’s
10th Annual National Health Research Forum Luncheon:

Thursday, Sept. 12, 2013

Noon to 3 p.m. at the
Newseum Knight Conference Center
555 Pennsylvania Ave. NW,
Washington, DC 20001

Reserved Seating

Sponsorships Available: Contact Carol Kennedy,
Senior Director of Development and Membership,
at 571.482.2714 or c kennedy@researchamerica.org.