

THE Research

A D V O C A T E

BRINGING RESEARCH CLOSER TO HOME

Fiscal Year 2011 Budget Debate Continues

On February 11, **Rep. Hal Rogers (R-KY)**, the chair of the House Appropriations Committee, released his proposal for the budget for the remainder of the 2011 fiscal year. The bill, passed by the House on February 19, contains billions of dollars in cuts to discretionary domestic programs including **National Institutes of Health, National Science Foundation, Centers for Disease Control and Prevention, Agency for**

Continued on page 4

2011 Forum to Address Economy, Health Research



John J. Castellani



Hon. Mike Castle



Victor J. Dzau, MD



Harry Johns



David C. Page, MD



Ellen V. Sigal, PhD

Research!America's eighth annual National Health Research Forum on March 15 will convene leaders from the government, academia, patient advocacy organizations and industry to explore such topics as the importance of research for the U.S. economy, job creation and improving Americans' health, and its role in health care reform and disease prevention.

Michael Riley, managing editor for Bloomberg Government, will moderate

the discussion. Newly confirmed panelists include **John J. Castellani**, president and CEO, PhRMA; **Mike Castle**, U.S. Representative 1993-2010; **Victor J. Dzau, MD**, chancellor of health affairs, Duke University; **Harry Johns**, president and CEO, Alzheimer's Association; **David C. Page, MD**, director, Whitehead Institute for Biomedical Research; and **Ellen V. Sigal, PhD**, chair and founder, Friends of Cancer Research.

Representing the nation's federal

research agencies will be **Carolyn M. Clancy, MD**, director of the Agency for Healthcare Research and Quality; **Francis S. Collins, MD, PhD**, director of the National Institutes of Health; **Thomas R. Frieden, MD, MPH**, director of the Centers for Disease Control and Prevention; and **Margaret Hamburg, MD**, commissioner of the Food and Drug Administration.

The Forum will take place from noon to 3 p.m. on March 15 at the National Press Club in Washington, D.C. For information or to register, visit www.researchamerica.org/forums.

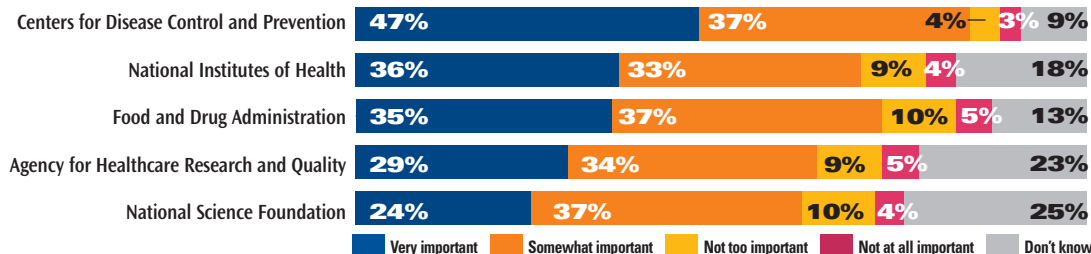


AMERICA SPEAKS

The following federal agencies play a role in improving health for Americans through research and development. How important is it to increase funding for ...

SOURCE: YOUR CANDIDATES—YOUR HEALTH POLL, AUGUST 2010 CHARLTON RESEARCH COMPANY FOR RESEARCH!AMERICA

Many Believe Increased Funding for Health Agencies is Important



New ON THE Web

www.researchamerica.org

FasterCures released a new white paper on translational research: www.fastercures.org/index.cfm/Resources/Publications

PhRMA (Pharmaceutical Research and Manufacturers of America) has opened a new healthcare blog, *The Catalyst*, at www.phrma.org/catalyst

The **Heart Rhythm Society** has launched a new website for their journal: www.heartrhythmjournal.com

Research!America released two new global health R&D fact sheets on federal agencies committed to global health R&D and the economic impact of global health R&D in New Jersey: <http://www.researchamerica.org/uploads/IntroductoryAgencyFactSheet.pdf> and <http://www.researchamerica.org/uploads/NewJerseyFactSheet.pdf>

THE Research ADVOCATE

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About Research!America

Research!America is the nation's largest 501(c)(3) public education and advocacy alliance working to make research to improve health a higher national priority. Founded in 1989, Research!America is supported by member organizations that together represent the voices of more than 125 million Americans. Our public opinion polls, advocacy programs and publications reach the public and decision makers to help advance medical, health and scientific research.

**RESEARCH
AMERICA**
AN ALLIANCE FOR DISCOVERIES IN HEALTH

Members TAKE Action



Dave Holveck

tics, drugs, devices and clinical data to meet the needs of patients in areas such as pain, urology, oncology and endocrinology.

Diversifying its overall business model and providing multiple therapeutic options to patients has allowed Endo to retool itself for rapidity and agility—two qualities needed to thrive as the economic and health care landscapes continue to shift.

“When I joined Endo in April 2008, my vision was to make Endo the premier health care solutions provider, supported by a business model that operates in critical parts of a segmented pharmaceutical industry—branded drugs, generics, devices and services,” said **Dave Holveck**, chief executive officer.

With billion-dollar acquisitions in 2009 and 2010, Endo has transformed beyond its traditional pain business to now offer manufacturing capabilities and advanced drug delivery systems which will introduce new types of treatment for patients with various conditions.

Endo Pharmaceuticals

Endo Pharmaceuticals is an integrated health care solutions company which aims to be the premier partner to health care professionals and payment providers, delivering an innovative suite of complementary diagnos-

Endo is also proud to partner with Research!America in the **Life Sciences Investment Act Coalition**. The coalition represents a diverse group of patient, academic, biotechnology, pharmaceutical, medical device, research and other organizations in the life sciences industry, and is leading the charge promoting policies that encourage research and investment to generate high-quality jobs.

“We admire the commitment of Research!America to the life sciences industry,” Holveck said. “In this new era of health care, treatment decisions will be based on the need for high-quality and cost-effective care. Research, and government-sponsored research in particular, is crucial to the future of our industry—we must find new ways to treat and manage illness effectively and efficiently.”

To learn more, visit www.endo.com.

Research!America Adds Value

FOR OUR MEMBERS

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

- We lead the way in ensuring research is positioned as part of the solution to our nation's economic and health challenges.
- Our *Your Congress—Your Health* constituent education initiative helps connect those who care about research to their lawmakers. We ask all Members of Congress to make public their views on issues related to research to improve health.
- Research!America's briefings on Capitol Hill help us showcase to lawmakers and their staffs the importance of keeping funding for health research a top priority. Our most recent congressional briefing brought together four experts who gave examples of global health research and development as a driver for local economies.
- After President Obama's State of the Union speech, we saluted his prioritization of research. After his FY12 federal budget release, we praised his proposed funding levels for research agencies and called on Congress to support strong research funding in both the FY11 and FY12 budgets.

Spotlight on Global Health Research

Research!America's chair, former Illinois Congressman **John Edward Porter**, co-authored an op-ed on *The Huffington Post* with **Storer H. Rowley** of Elmhurst College on the importance of global health research in Illinois. They wrote:

"Global health research and development is not only in the health interest of Illinoisans—it has also become a hidden engine for new jobs and economic growth."



Peter J. Hotez, MD, PhD

The Washington Post published a letter to the editor about the devastating effects of neglected tropical diseases (NTDs) by **Karen A. Goraleski**, executive director of the American Society of Tropical Medicine and Hygiene (ASTMH), and ASTMH Chair **Peter J. Hotez, MD, PhD**, of The George Washington University Medical Center. They wrote that poverty and NTDs go hand-in-hand and so efforts to reduce poverty should be coupled with a push for global

health research funding.

Research in President's State of the Union, 2012 Budget

In an article in *Medical Research Law & Policy Report*, Porter, Research!America's chair, thanked **President Barack Obama** for making research a priority in his State of the Union address. Porter was quoted by the **Imperial College of London's** science magazine, *I, Science*, saying that "American jobs—quality jobs—are created with investments in scientific and technological research and development and it is here where much of our economic growth resides and will reside."

Research!America's Mary Woolley told *BioTechniques* the president's State of the Union address "positions science as an American value in a way that has been true ever since the nation was founded by the men of the Enlightenment." In an article by *LiveScience*, she applauded the president for following through on his promises for science in his State of the Union and making medical, health and scientific research a priority in his 2012 budget proposal.

Outlook for Research in 2011 Budget

Woolley told *The New Scientist* she is hopeful that, despite the House of Representatives' proposed federal budget cuts, research to prevent disease and improve health will receive consistent funding for the remainder of 2011 and beyond. She told *The Fiscal Times* that it is critical to sustain research funding in 2011 in order to maintain our leadership in science and innovation as well as our global competitiveness.

Top 10 2011 Medical Research Trends

Margaret Anderson of FasterCures, a Research!America member, shared her thoughts on medical research trends for 2011 with *The Huffington Post*. She emphasized addressing the Valley of Death, the time between when medical discoveries are made and when they make it to market, as well as the importance of research collaborations among industry, government and academia. Other trends she noted include providing more grant opportunities to younger investigators, boosting regulatory science at FDA, discovering new models for research and expanding electronic health records in clinical research.



Margaret Anderson



As we go to press, it is not clear whether the government will shut down or continue to operate without disruption; equally unclear is the state of R&D funding for 2011 or 2012. Two things are, however, crystal clear: Other nations are actively ramping up R&D, having learned from the U.S. of yore that supporting R&D will grow the economy; and health care costs are crushing U.S. business and citizens alike.

Harry Johns, CEO of the Alzheimer's Association, told me that by mid-century the (uninflated) costs for care for Alzheimer's patients will reach \$1 trillion. That doesn't include costs of lost productivity for caregivers. Nor does it include the costs of preventable heart disease, cancer, diabetes or other scourges.

We hear loud cost-cutting voices in Congress calling for going back to 2008 spending levels, as though we can just suffer a little longer with disease like we can drive an old car another few years. We should not tolerate suggestions that progress on disease and disability will have to wait for the deficit to shrink. As **Rep. Rush Holt (D-NJ)** told AAAS Fellows in February, there is indeed a proper role for government in investing in our nation's future. Holt challenged the group to put their individual and collective influence as scientists—highly regarded in our society—to work in restoring science as a priority to a nation whose founding fathers were steeped in science and the societal, economic and humane progress it brings. The question remains: Will stakeholders in science speak out at this critical juncture? **Take action now:** Become an advocate in fact as well as in intention. We can help.

Mary Woolley

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Policy Update *Continued from page 1*

Healthcare Research and Quality, and Food and Drug Administration.

Rogers has stated that his goal is to complete the legislative process on this bill, H.R. 1, prior to March 4 when the previous Continuing Resolution (C.R.) is set to expire. If the government cannot reach consensus on H.R. 1 or if they fail to enact another C.R., the government may face a shut down.

Specific cuts from current funding levels include \$1.6 billion cut from NIH, \$360 million from NSF, \$1.75 billion from CDC, \$25 million from AHRQ and \$241 million from FDA. Other research-intensive agencies like DOE and EPA are also facing major cuts.

In order for H.R. 1 to be enacted, it would have to pass the Senate and be signed by the president to become law.

President Releases Fiscal Year 2012 Budget



President Barack Obama

On February 14, **President Barack Obama** released his proposed budget for the fiscal year 2012. The president's budget included billions in cuts for domestic programs but provided increases for NIH, NSF, NIST, DOE, FDA and the CDC. AHRQ would receive a slight reduction in funding for fiscal year 2012.

The president believes that investing in research will be key to revitalizing the U.S. economy and providing the basis for the creation of new jobs. All of the increases in the president's budget were offset by decreases in other domestic discretionary programs.

Specific increases include an additional \$745 million for NIH, \$1.2 billion for NSF, \$144 million for FDA and a slight increase for CDC. DOE would also receive a significant increase under the president's budget proposal. AHRQ would be cut by \$12 million from current levels.

Over the coming months, budget resolutions or spending limits will be released by House and Senate committees, and then allocations will be decided by appropriation subcommittees. Hearings on department and agency budgets for FY 2012 are under way.

CPH Update

The **Campaign for Public Health** drafted a letter to House and Senate leaders emphasizing the value of the Prevention and Public Health Fund, urging that the fund not be diverted from its intent. The letter, delivered in mid-February, was signed by former CDC directors, a former HHS secretary, former members of Congress, U.S. Surgeon Generals and other senior health leaders.

CPH also compiled a chart that explains the impact that the president's 2012 budget proposal and proposals in Congress might have on CDC's budget. Visit www.FundCDC.org to see the letter to Congress and the chart.

2011 FEDERAL RESEARCH BUDGET

Agency	House C.R. for FY 11*	President's 2012 Budget	FY 2011 RIA Recommendation
National Institutes of Health	\$29.2 billion	\$32 billion	\$35 billion
Centers for Disease Control and Prevention**	\$5.7 billion	\$6.6 billion	\$8.8 billion
National Science Foundation	\$6.4 billion	\$7.42 billion	\$7.42 billion
Agency for Healthcare Research and Quality	\$403 million	\$397 million	\$611 million

* As of February 23, 2011

** Reflects the CDC core program budget.

White House Releases Strategy on Innovation

President Barack Obama recently updated the *Innovation Strategy* his administration issued in September 2009. This new document, *Strategy for American Innovation*, explains the critical role of innovation in strengthening the U.S. economy.

The strategy details how public and private sectors can work together to bring stronger incomes, better jobs and improved health and quality of life to U.S. citizens through three critical areas: investment in the building blocks of American innovation, promoting market-based innovation and catalyzing breakthroughs for national priorities.

Achievements will be made in these areas by providing continued and increased federal funding for research; offering incentives and tax credits to encourage businesses and entrepreneurs to innovate; bringing talented scientists and entrepreneurs together to support innovation in cutting-edge areas; investing in translational science to quicken the pace of the development of new diagnostics, treatments and cures; and promoting breakthroughs in health care technology, such as electronic health records.

Your Congress—Your Health Launches

Current Members of Congress are now able to tell their constituents where they stand on issues related to health and medical research with the launch of Research!America's *Your Congress—Your Health*.

Following on the heels of 2010's *Your Candidates—Your Health*, *Your Congress—Your Health* asks each sitting Member of Congress to detail their views on research to improve health. Currently 170 Members of Congress are on the record through these initiatives.

Each Member has been sent a 15-question survey; as they respond, their answers will be available at www.yourcongressyourhealth.org. The site also includes tools to encourage members of your delegation to participate and to thank those who have participated.

A public opinion poll, with many of the same questions as the survey for Members of Congress, will be released this spring.



2011 RESEARCH!AMERICA

Advocacy Awards

March 15, 2011

Andrew W. Mellon Auditorium
Washington, DC

6:30 p.m. Grand Reception

7:15 p.m. Dinner and Awards
Presentations

www.researchamerica.org/advocacy_awards

2011 ADVOCACY AWARD RECIPIENTS

Raymond and Beverly Sackler Award for Sustained National Leadership

J. Michael Bishop, MD, Nobel laureate, Chancellor Emeritus, University of California, San Francisco

Gordon and Llura Gund Leadership Award

The Hon. Michael R. Bloomberg, Mayor, City of New York

Edwin C. Whitehead Award for Medical Research Advocacy

The Hon. Richard J. Durbin, U.S. Senator (D-Illinois)

Paul G. Rogers Distinguished Organization Advocacy Award

Defense and Veterans Brain Injury Center

Builders of Science Award

Dean Kamen, Founder and President, DEKA Research & Development Corporation
Founder, *FIRST* (For Inspiration and Recognition of Science and Technology)

Isadore Rosenfeld Award for Impact on Public Opinion

Charlie Rose, Executive Editor and Anchor of "Charlie Rose" on PBS

WE THANK OUR 2011 ADVOCACY AWARD SPONSORS

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Did YOU Know

Martha Hill, PhD, RN, dean of the **Johns Hopkins School of Nursing**, has been selected to receive the 2011 Leadership in Research Award from the **Southern Nursing Research Society**. Hill is a Research!America board member and the Johns Hopkins School of Nursing is a Research!America member.

The **Stem Cell Action Coalition**, of which Research!America is a member, has doubled in size to 62 organizations since its launch in November. Visit www.stemcellaction.org.

CDC Releases 2011 Health Disparities Report

The **Centers for Disease Control and Prevention** recently released its *Health Disparities and Inequalities Report*. The report highlights the considerable and persistent disparities and inequalities between economic, racial/ethnic and other social groups.

In the report, the CDC proposes a dual strategy to reduce disparities: universal interventions available to everyone and targeted interventions for populations with special needs.

April is **National Minority Health Month**. Visit www.minorityhealth.hhs.gov.

Seffrin, Others Named to Presidential Advisory Group

John Seffrin, PhD, CEO of the **American Cancer Society** and a Research!America board member, has been named a member of the President's Advisory Group on Prevention, Health Promotion, and Integrative and Public Health.

Seffrin is one of 13 members of the Advisory Group. Two others have ties to Research!America as well: **Elizabeth Mayer-Davis, PhD**, of the **University of North Carolina Gillings School of Global Public Health**; and **Vivek Murthy, MD**, of **Brigham and Women's Hospital** and **Harvard Medical School**.

UNC Gillings School of Global Public Health, Brigham and Women's Hospital, and Harvard Medical School are all Research!America members.

SPECIAL THANKS TO NEW AND RENEWING RESEARCH!AMERICA ALLIANCE MEMBERS

NEW MEMBER

National Minority Quality Forum

RENEWING MEMBERS

Alliance for Aging Research

Alnylam Pharmaceuticals

American Association of Colleges of Nursing

American Institute for Medical and Biological Engineering

American Society

for Bone and Mineral Research

American Society for Virology

Association of Anatomy, Cell Biology, and Neurobiology Chairpersons

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CDC Foundation

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School of Medicine

National Osteoporosis Foundation

North Carolina Association
for Biomedical Research

The Ohio State University College
of Public Health

Oregon Health & Science University

Society for Neuroscience

Spina Bifida Association of America

Summa Health System

Translational Genomics Research Institute
(TGen)

University of Louisville School of Dentistry

University of Maryland at Baltimore
School of Nursing

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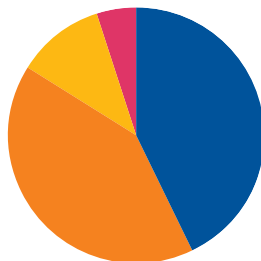
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YOUR CONGRESS-YOUR HEALTH

Society for Neuroscience

AMERICA SPEAKS

Certain health issues are more prevalent among people with lower incomes or among certain racial and ethnic populations. How important do you feel it is to conduct research to understand and eliminate these differences and achieve health equity?



Most Believe Health Equity Research is Important

Very Important	43%
Somewhat Important	41%
Not Too Important	11%
Not At All Important	5%

SOURCE: YOUR CANDIDATES-YOUR HEALTH POLL, AUGUST 2010
CHARLTON RESEARCH COMPANY FOR RESEARCH!AMERICA

New Jersey: 'Silicon Valley of Global Health'

Research!America brought together leaders from government, academia, business and nonprofits to discuss the state of global health R&D in New Jersey; the February meeting also found ways to ensure that New Jersey remains “the Silicon Valley of global health research,” as **Jeffrey Sturchio**, CEO of the **Global Health Council**, described it. **Dona DeLeon**, D.C. office director for New Jersey Gov. **Chris Christie**, said that expanding the global health industry is important to boosting the state’s economy.

At the meeting, Research!America released a **poll** on New Jersey residents’ views and a **fact sheet** on global health R&D in New Jersey. To see the results of the poll and to download the fact sheet, visit our website at www.researchamerica.org/global_health.

Rep. Frank Pallone, Jr. (D-NJ) cited Research!America and data from the fact sheet on the House floor February 18. A video of his speech is also available on our website.



GLOBAL HEALTH

R&D
ADVOCACY

Research!America has released an introductory fact sheet—**this month’s newsletter insert**—highlighting the contributions to global health research and development by five U.S. federal agencies and departments: **National Institutes of Health, Department of Defense, Centers for Disease Control and Prevention, United States Agency for International Development, and Food and Drug Administration.**

The U.S. government—through work conducted in these five key agencies and departments—is the largest funder of global health science and technology in the world, helping ensure American scientific and economic leadership while establishing an unparalleled legacy in global health. U.S. government support of global health R&D stimulates job growth here at home, promotes a stable global economy and ensures a safer, healthier world.

Visit www.researchamerica.org/global_health to download the fact sheet and find more resources about the impact of global health R&D.

Kennedy Brings Strong Track Record to Research!America

Carol M. Kennedy has joined Research!America as director of development and membership. She serves on the Research!America management team and oversees membership, fundraising and related events, including our upcoming Advocacy Awards dinner. Her strong background includes senior development positions at Capital Hospice and Arlington Community Foundation, leading major capital campaigns and corporate development; initiating grants, sponsorships and partnerships; and managing communications to donors and the public. In addition, she has extensive marketing and communications experience for associations and businesses in Dallas and Washington, D.C., as well as presidential campaign experience.

Research!America, Partners Kick Off Hill Briefing Series

Research!America, the **Global Health Council** and the **ONE Campaign** hosted a Capitol Hill briefing to discuss the impact of vaccines and why investment in future vaccines is a cost-effective way to secure a healthier future globally and in the United States.

“Vaccines: The Best Shot For Our Health and Economy” was moderated by **Michael Gerson**, a columnist at *The Washington Post* and a senior fellow at the ONE Campaign. Panelists included **Jon Andrus, MD**, Pan American Health Organization; **Amie Batson, MPPM**, U.S. Agency for International Development; **Phil Hosbach**, Sanofi Pasteur; and **Col. Julia A. Lynch, MD**, Walter Reed Army Institute for Research.

The briefing was the first in a series of four vaccine-focused briefings that will take place over the next several months.

The Global Health Council and **sanofi-aventis** are Research!America members.

RESEARCH TAKES
CENTS

March Madness wagers vs.
NIH grant funding

*Estimated amount Americans bet on the 2009
NCAA Division I Men’s Basketball Tournament:*

\$12 billion

*That amount would fund 25,211 research grants from the
National Institutes of Health!*

SOURCES: LAS VEGAS SUN, OER FY10 REPORTING

THE Research ADVOCATE

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Coming UP

March 15, 2011—Research!America's Annual Meeting and National Health Research Forum, National Press Club, Washington, DC. Research!America's National Health Research Forum is the only event of its kind to convene nationally recognized leaders in medical and health research in an interactive discussion and networking luncheon. www.researchamerica.org/forums

March 15, 2011—Research!America's Advocacy Awards, Andrew W. Mellon Auditorium, Washington, DC. The Advocacy Awards dinner is a high-level gathering attended by the nation's most influential and esteemed individuals in science, health and medical research, advocacy, business, media and government to honor outstanding advocates for research to improve health. www.researchamerica.org/advocacy_awards



Advocacy & Action

Act Now to Protect Research Funding!

The House of Representatives is debating **unprecedented, multibillion dollar** cuts to the budgets of NIH, CDC, AHRQ, NSF and FDA. **These proposed reductions are a serious threat to our nation's health and economic competitiveness.**

Contact your members of Congress TODAY and tell them funding for health research is vital to curing diseases, generating jobs now and in the future, and securing the economic well-being of America. Congress must hear from our community in a unified and timely way or vital research will be at risk.

Visit www.researchamerica.org/advocacy.

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The U.S. Commitment to Global Health R&D

Key Federal Players

The U.S. government — through work conducted in five key agencies and departments — is the largest funder of global health science and technology in the world, helping ensure U.S. innovation and leadership while establishing an unparalleled legacy in global health.



Global Health Research and Development:
working to improve lives at home and abroad.



THE NATIONAL INSTITUTES OF HEALTH — is the largest source of global health research in the world. For every research grant awarded by the NIH, on average, seven new jobs are created. Many health breakthroughs, which spur additional public and private R&D activity, begin with NIH-funded research at universities and institutions in all 50 states and through partnerships around the world, fueling our global economy.



THE DEPARTMENT OF DEFENSE — focuses health research efforts on diseases such as the flu, malaria, dengue fever, and smallpox. Its efforts contribute to national security and help protect the health of American troops, tourists, business people, expatriates and people worldwide.



THE CENTERS FOR DISEASE CONTROL & PREVENTION — is present in every local community in the U.S., and in many communities around the world. CDC's surveillance system tracks and detects diseases across borders, and their rapid response method controls outbreaks and epidemics in order to protect the health and safety of Americans while also strengthening our links to global communities.



THE US AGENCY FOR INTERNATIONAL DEVELOPMENT — has an on-the-ground presence that works in more than 100 countries to introduce products and interventions to improve health around the world. USAID is a critical partner in U.S. diplomacy efforts that ensure our safety and security here at home.



THE FOOD AND DRUG ADMINISTRATION — approves the marketing and distribution of new or improved drugs and devices. FDA's approval process ensures our products are safe and applies U.S. quality standards to global health technology and its diffusion in the developing world. This also helps protect consumers and their health no matter where they are.

SMART COLLABORATIONS IN GLOBAL HEALTH



The Global Health Initiative (GHI) is a comprehensive U.S. government approach designed to strengthen global health systems and maximize the health impact achieved for every U.S. dollar invested. Building on the early success of the U.S. President's Emergency Plan for AIDS Relief (PEPFAR), GHI has identified the promotion of research and innovation in applied science as one of its key principles. Overseen by the GHI Research Committee, this initiative works to improve coordination between the U.S. government and global partners at the country level.

USAID fact sheet: The US Government's global health initiative

"We cannot wall ourselves off from the world and hope for the best, nor ignore the public health challenges beyond our borders. ... The world is interconnected, and that demands an integrated approach to global health." **Barack Obama** PRESIDENT, UNITED STATES OF AMERICA

Global Health R&D

A SMART THING FOR THE U.S.
THE RIGHT THING FOR THE WORLD.

PARTNERING TO SAVE LIVES

Global health R&D partnerships foster success at home and abroad

PARTNERS PATH, GlaxoSmithKline, DoD, USAID, CDC, NIH
LOCATION Kilifi, Kenya and Korogwe, Tanzania
GOAL Develop a vaccine for malaria, which kills 800,000 people worldwide

PATH Malaria Vaccine Initiative (MVI), a product development partnership in Seattle, WA and Washington, DC is working to find a malaria vaccine. A trial of the most advanced vaccine candidate, GlaxoSmithKline's RTS,S, is being supported by MVI and its many partners, including the NIH, CDC, USAID and DoD's Walter Reed Army Institute of Research (WRAIR). These partners have been crucial in providing early R&D and on the ground expertise. Malaria kills 800,000 people each year and results in \$12 billion in lost GDP annually, but tests show RTS,S may cut the risk of malaria in half.

Why Fund Global Health Research and Development?

U.S. government support of global health research and development stimulates job growth, promotes a stable global economy and ensures a safer, healthier world

- ▶ Dedication to eradicating disease is smart economics. In the U.S. alone, polio vaccination over the past 50 years has produced a net savings of \$180 billion.*
- ▶ Addressing drug resistant TB has led to the adoption of directly observed treatment, short course (DOTS) in the U.S. where close to 12,000 new cases were reported in 2009. Through continued funding of DOTS worldwide, researchers estimate a \$1.6 trillion gain to the world's economy.**
- ▶ DoD awarded \$40 million to the Texas Plant-Expressed Vaccine Consortium. Within 10 years, the Consortium will support 4,000 jobs and contribute \$800 million to Texas' economy, while producing 100 million doses of vaccine each month.***

Continued U.S. commitment enables us to maximize the unique expertise of each key federal agency and department as they collaborate, often with outside partners, to advance health worldwide

- ▶ U.S. federal agency research on Huntington's Disease (HD) among people in Venezuela made early diagnosis possible for more than 30,000 Americans with HD and more than 20,000 at risk who carry the gene.*
- ▶ CDC, FDA, and NIH-funded researchers rapidly identified SARS in collaboration with the World Health Organization. This halted the epidemic that infected more than 8,000 people in 30 countries, including the US.**
- ▶ USAID, CDC, FDA, and NIH have played distinct roles in the development of a gel for women that is shown to decrease HIV transmission and has widespread public health implications.***

*Source: NIH Medline Plus – Worldwide Discoveries Help People Everywhere

**FDA Efforts to Combat the SARS Outbreak, FDA, 2003 and RIA Fact Sheet on Global Health

***Microbicide Stakeholders Meeting, USAID, November 2010

*Source: Families USA's Global Health Initiative – In Your Own Backyard: How NIH Funding Helps Your State's Economy (June 2008)

**CDC Trends in Tuberculosis, 2009; Health Affairs, July 2009, vol. 28, no. 4, w730-w742

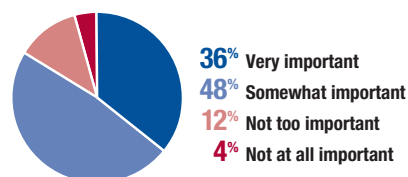
***Institute for Innovative Therapeutics, Texas A&M University System; The Perryman Group, December 2009.

Less than one penny of every health dollar spent on research goes toward global health R&D.

What Americans are Saying

U.S. Global Health Research and Development is Important

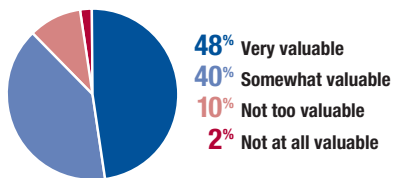
How important would you say it is that the U.S. work to improve health globally through research and development?



Source: Your Candidates Poll, August 2010, Charlton Research Company for Research!America

U.S. Should Lead in Research to Improve Health Globally

How valuable do you think it is for the U.S. to be a leader in research to improve health globally?



Source: Global Health National Poll, 2008, Charlton Research Company for Research!America

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