Essential New Voices for Research: YOU!

Mary Woolley
President, Research!America

April 16, 2009
Cleveland, OH
“The state of the economy calls for action, bold and swift, and we will act - not only to create new jobs, but to lay a new foundation for growth. … We will restore science to its rightful place and wield technology’s wonders to raise health care’s quality and lower its cost.”

President Barack Obama, Inaugural Address
January 20, 2009
American Recovery and Reinvestment Act (ARRA)

- Signed into law by President Obama on February 17, 2009
- Included
  - $10B for NIH, thanks largely to Sen. Arlen Specter
  - $1.1B for AHRQ comparative effectiveness research
  - $3B for NSF
  - $1B for a prevention and wellness fund
“There is no better investment than science research to conquer the maladies of the world. … The potential for science research is absolutely limitless.”

Sen. Arlen Specter (PA), accepting the Legacy Award at the 2009 Research!America Advocacy Awards, March 24
March 9, 2009
President Obama Signs Executive Order Overturning Bush Policy Limiting Federal Funding for Embryonic Stem Cell Research
“We need your help again to make President Obama’s executive order on stem cell research the law of the land.”

Speaker Nancy Pelosi (CA), accepting the Edwin C. Whitehead Award for Medical Research Advocacy at the 2009 Research!America Advocacy Awards, March 24, 2009
“The stimulus package did great things for life and physical science research, but none of the stimulus money increases the agency base lines. My bottom line tonight is don’t let up! Let’s all work together to make science and technology a high priority.”

The Honorable John Edward Porter, Research!America chair, at the 2009 Research!America Advocacy Awards
Appropriations Update

- The President proposes; Congress disposes
- President Obama released his summary FY2010 budget; full budget expected by the end of April
- House and Senate passed respective Budget Resolutions, with increases for discretionary health spending, which includes NIH, CDC and AHRQ
Research!America recommends a funding increase of at least 10% for the NIH in FY2010 with the goal of reaching an annual appropriation of $40 billion as soon as possible.

We are working with partner organizations to support similarly strong increases for:

- CDC - $2B for core programs (20%)
- AHRQ - $32M to reach $405M (8.6%)
- NSF - $510M to reach $7B (7.9%)
Bipartisan Letter from Six House Members Urging Colleagues to Increase NIH Funding

Alzheimer’s, stroke, and many other chronic or life-threatening diseases.

As you know, over the past several years, funding for NIH has not kept pace with the costs of conducting biomedical research. As a result, promising research has not been funded, clinical trials have been delayed or terminated, jobs have been lost, and talented young investigators have turned to other careers. The recent boost in NIH funding from the American Recovery and Reinvestment Act (P.L. 111-5) is a very important step toward regaining the lost potential of the last several years. This investment will enable some of the most promising research projects that have long been sidelined to begin; we must not halt this momentum by failing to adequately support the NIH baseline budget.

For these reasons we are seeking an increase for NIH of at least 7 percent, with some of us believing that the appropriate funding increase would be as much as 10 percent. This level of funding is essential to sustain advances in science and the economic impacts of NIH-funded research.

We understand the challenges facing the Appropriations Committee and the difficulty in supporting priority issues with limited resources. Nonetheless, we urge you to consider the wide-ranging, positive effects of investment in research on health and the economy. We appreciate your consideration of our request.

Sincerely,

Edward J. Markey
Rep. Edward J. Markey

Dave Reichert
Rep. Dave Reichert

Janice Schakowsky
Rep. Janice Schakowsky

Joe Courtney
Rep. Joe Courtney

Michael Castle
Rep. Michael Castle

Susan Davis
Rep. Susan Davis

Brian Bilbray
Rep. Brian Bilbray

RESEARCH AMERICA
AN ALLIANCE FOR DISCOVERIES IN HEALTH
Effective Messages in this Environment

- Investing in research is important because research creates:
  - Jobs NOW
  - Solutions to health challenges SOON
  - New ideas ALWAYS -- it is our ability to generate a steady stream of new ideas that will determine the success of our economy in the months and years ahead
Research *solves problems* – it saves lives, improves quality of life, keeps us safe, helps drive the economy, protects and creates jobs, and helps reduce health care costs
Research!America: 20 Years of Putting Research on the Public Agenda

• Non-profit alliance with 500 member organizations drawn from academia, business, patient organizations and scientific societies representing more than 125 million Americans

• Distinguished, all-volunteer board includes former elected and appointed officials, media and public relations leaders, and leaders from alliance member organizations
Research!America’s Mission

- Make medical and health research, including research to prevent disease, disability and injury, a much higher national priority

Research!America is an innovator in public education and advocacy for research
The Hon. Louis Stokes, a 30-year representative from Ohio and Research!America board member, secured funds for health care facilities for veterans in Cleveland among other contributions to health and research as a member of Congress.

Who will be the next Lou Stokes-like champion?
1. The National Institutes of Health (NIH) is the agency that funds most of the medical and health research paid for by U.S. taxpayers. Which of the following statements comes closest to your view on funding for NIH?

- [x] The U.S. must increase investment in NIH to ensure our future health and economic security.

- [ ] Current U.S. funding for medical and health research is sufficient and other budget items are higher priorities now.

- [ ] Funding for NIH is not a priority.
Tools You Can Use:
Your Congress-Your Health 111th Congress

- Outreach to Members of Congress
  All members of Congress will be invited to participate by providing responses to a questionnaire about health, research and related issues.

- Extensive public outreach through the Research!America advocacy network and sponsoring partners to encourage members of Congress to share their views.

- Regular e-mail reminders to those offices to complete questionnaire.

www.yourcongressyourhealth.org
New Voices for Research

• Empowering young professionals to transform their passion for research into advocacy through a public blog and private community

• Making it easier to become engaged with media and elected officials

http://newvoicesforresearch.blogspot.com
“Convincing our elected officials to support increased NIH funding shouldn't be a hard sell, considering its impact on Nashville's economy. … We need the NIH grant funding for the cures and treatments it facilitates. We need the NIH funding to support local employers. We need the NIH funding for a healthier and stronger community.”

–Andrew Gore, medical student at Vanderbilt University, op-ed in The Tennessean, October 7, 2008
“Now it is our time. Our time to defend and support investments in research. Our time to advocate for policies that will help our children lead longer, happier, healthier lives. Our time to become the voices of a new generation.

“Will you be a new voice for research?”

–Research!America Board member Laing Rogers Sisto, in *Roll Call*, January 29, 2009
Tools You Can Use:
Research Funding by State

NIH, CDC, NSF and AHRQ Funding by State, 2007

The funds disbursed to the 50 states and the District of Columbia by the National Institutes of Health, the Centers for Disease Control and Prevention, the National Science Foundation and the Agency for Healthcare Research and Quality are a vital component of the U.S. investment in federal health research.

Ohio

<table>
<thead>
<tr>
<th>Agency</th>
<th>Funding (in thousands)</th>
<th>State Rank</th>
</tr>
</thead>
<tbody>
<tr>
<td>National Institutes of Health</td>
<td>$628,294</td>
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<tr>
<td>Centers for Disease Control and Prevention</td>
<td>$172,898</td>
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<td>National Science Foundation</td>
<td>$97,598</td>
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<tr>
<td>Agency for Healthcare Research and Quality</td>
<td>$3,441</td>
<td>16</td>
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<tr>
<td>Total</td>
<td>$902,231</td>
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Population, July 1, 2007

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<tr>
<th>Residents</th>
<th>State Rank</th>
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<tr>
<td>11,466,917</td>
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www.researchamerica.org/state_funding
Tools You Can Use:
State Economic Impact Tool

Economic Impact by State

Research is an economic driver
The local economies of each state are strengthened by health research conducted by industry, universities, medical centers and other organizations. Employment in these research-driven institutions also yields additional jobs in other sectors of the state’s economy. This resource contains profiles of each state including the sources of funding for health-related industries, and highlights from national studies.

Select a state from the map below.

Ohio

Economic Impact of Health Research

<table>
<thead>
<tr>
<th>Source of R&amp;D Funding</th>
<th>Investment</th>
<th>State Rank</th>
</tr>
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<tbody>
<tr>
<td>Federal Government</td>
<td>$2,183,000,000</td>
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</tr>
<tr>
<td>Industry</td>
<td>$5,573,000,000</td>
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<tr>
<td>Universities</td>
<td>$232,000,000</td>
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<tr>
<td>Non-profit</td>
<td>$111,000,000</td>
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</tr>
<tr>
<td>Other *</td>
<td>$168,000,000</td>
<td>4</td>
</tr>
<tr>
<td>Total</td>
<td>$8,267,000,000</td>
<td>13</td>
</tr>
</tbody>
</table>

* Other represents funding from state and local governments and funding for Federally Funded Research and Development Centers from non-federal sources.

Source: National Science Foundation, National Patterns of R&D Resources, 2007

www.researchamerica.org/state_econ
Tools You Can Use: Public Opinion

“…public sentiment is everything. With public sentiment, nothing can fail; without it nothing can succeed.”

—Abraham Lincoln
Research!America Poll Data

- Commissioning public opinion polls on research issues for more than 17 years:
  - National Polls
  - State-Based Polls
  - Issue-Specific Polls
- Telephone (random-digit dialing) polls are conducted with a sample size of 800-1000 adults (age 18+) and a maximum theoretical sampling error of +/- 3.5 percent. Data are demographically representative of adult U.S. residents (state or national).
American Minds on the Economy

In the last 24 hours, how much attention would you say you have paid to:

- **The economy**: 63% A great deal, 29% Some, 6% Not much, 2% None at all
- **Health care**: 33% A great deal, 41% Some, 18% Not much, 8% None at all
- **Energy**: 32% A great deal, 42% Some, 20% Not much, 6% None at all
- **The environment**: 22% A great deal, 44% Some, 25% Not much, 9% None at all
- **The lives of people outside the U.S.**: 11% A great deal, 34% Some, 40% Not much, 15% None at all

Source: National Global Health Survey, November 2008
Charlton Research Company for Research!America
Americans Split on Whether Their Health Care is Based on Research

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

Charlton Research Company for Research!America
Americans Willing to Pay More for Medical Research

Would you be willing to pay $1 per week more in taxes if you were certain that all the money would be spent for additional medical research, or not?

- 66% Willing to pay more
- 34% Not willing to pay more

Source: National Poll, September 2008
Charlton Research Company for Research!America
“One of the things people feel good about spending their tax dollars on is research – research for health and research that drives the economy and gives their sons, daughters and grandchildren the opportunity to work in really exciting fields that are going to make a difference for this country and for the world.”

-- Mary Woolley on “The Sound of Ideas,” April 14, 2009
Most Americans Can’t Name a Living Scientist

Can you give me the name of a living scientist?

None/don't know: 74%

Stephen Hawking: 8%
Albert Einstein: 1%
Bill Gates: 1%
Robert Jarvick: 1%
Other: 15%

Source: Bridging the Sciences Survey, 2006
Charlton Research Company for Research!America
Then…
In the 1980s, AIDS was a death sentence

Now…
AIDS is treated as a chronic disease thanks to advancements in research

Imagine…
A cure for AIDS!
Tools You Can Use: Then, Now, Imagine

THEN…
In the early 1980s, smoking was permitted on airplanes!

NOW…
Smoking is widely prohibited in public places and there is an effort to empower the FDA to regulate tobacco as a controlled substance

IMAGINE…
The work we can accomplish for public health and prevention in the next 20 years!
Tools You Can Use: Research Takes Cents

• Americans spent more than $35 billion on lawn and garden care in 2007.

• That amount would pay for the National Institutes of Health for more than a year!

Sources: National Gardening Association; NIH FY09
What can you do as an advocate right now?

• Say thank you to your legislators for passing the stimulus bill with strong research funding
• Advocate for increases in the FY10 Appropriations bill
• Join Research!America’s advocacy network and New Voices initiative
“Everybody in the science and technology community who cares about the future of the world should be tithing 10 percent of his or her time to interacting with the public in the policy process.”

–John P. Holdren, PhD
President Obama’s Science Adviser
“I work for you.”
Research!America is the “clearest voice clamoring for increased funding at government life science agencies.”
—January 2009