NIH is grateful to President Obama and Congress for the opportunity for NIH to play its part in improving the Nation’s health and economy.
Funding Impact

Stimulate the economy
Create and preserve jobs
Advance biomedical research
Biomedical Research supported by ARRA: Examples

Diabetes
Cancer
Addiction
Glaucoma
Heart and lung diseases
Arthritis
Kidney disease
Mental disorders
### NIH Allocation of ARRA Funds

#### Dollars In Billions

<table>
<thead>
<tr>
<th>Category</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extramural Scientific Repair, Improvements, &amp; Const.</td>
<td>$0.3</td>
</tr>
<tr>
<td>Intramural Repair, Improvements, &amp; Constr.</td>
<td>$0.5</td>
</tr>
<tr>
<td>Extramural Scientific Equipment</td>
<td>$0.5</td>
</tr>
<tr>
<td>Comparative Effectiveness Research</td>
<td>$0.1</td>
</tr>
<tr>
<td>Extramural Scientific Research (All ICs, OD, Common Fund)</td>
<td>$8.2</td>
</tr>
<tr>
<td>AHRQ - $0.4</td>
<td></td>
</tr>
</tbody>
</table>

ARRA appropriated $10 billion directly to NIH

Oversight, Risk Management
Financial & Employment Reporting

* RECOVERY.gov

Raynard S. Kington, M.D., Ph.D.
March 26, 2009
Scientific Research Approach

Stimulate and accelerate biomedical research with existing mechanisms

Expand science with new programs
$60M Grants for Strategic Autism Research

Research to Address the Heterogeneity in Autism Spectrum Disorders

- Develop / test diagnostic screening tools
- Assess risk from exposures
- Test early interventions / adapt existing pediatric treatments for older groups
New ARRA NIH-wide Programs

Challenge Grants
Grand Opportunities ("GO" Grants)
Recruit new faculty to conduct research
Provide summer jobs for high school / college students and teachers to work in science labs
Challenge Grants

Challenge Grants (at least $200M total) provide:

- Priority avenues of research
- Up to $500K total costs/year for up to two years
Challenge Grants
(Examples)

Biosensors
New approaches to HIV therapy
Bioethics
Health disparities in clinical research
Pain management
“Theranostics”
Grand Opportunity (GO) Grants (at least $200M total):
- High impact
- Well defined
- Large scale
Signature Initiatives

Support exceptionally creative projects to address major challenges in biomedical research, e.g.:

- Nanotechnology
- Genome-wide association studies
- Alzheimer’s disease
- Oral fluids as biomarkers
- Large scale sequencing
- Community-based research
New Faculty

Core Centers for Enhancing Research Capacity in U.S. Academic Institutions

- Newly trained scientists
- Start-up packages
- Pilot research projects
Summer Jobs in Research for Students and Teachers

Engage students and educators in research
Encourage students to pursue research careers
Provide summer internships at NIH-funded laboratories for science teachers
Economic Benefits

Impact
- Create and preserve jobs
- Advance biomedical research

Reporting
- Financial reports
- Projects and activities
- Trend analysis
American Recovery & Reinvestment Act

Overview of the American Recovery and Reinvestment Act of 2009 (Recovery Act). The American Recovery and Reinvestment Act of 2009 (Recovery Act) was signed into law by President Obama on February 17th, 2009. It is an unprecedented effort to jumpstart our economy, create or save millions of jobs, and put a down payment on addressing long-neglected challenges so our country can thrive in the 21st century. The Act is an extraordinary response to a crisis unlike any since the Great Depression, and includes measures to modernize our nation's infrastructure, enhance energy independence, expand educational opportunities, preserve and improve affordable health care, provide tax relief, and protect those in greatest need.

- Overview of the Recovery Act
  http://www.hhs.gov/recovery/overview/index.html

RECOVERY.gov

- Implementing the Recovery Act
  http://www.hhs.gov/recovery/programs/index.html

- Learn more about programs that issue grants under the Recovery Act
  http://grants.nih.gov/recovery/

Announcements

- Applications for $1.5 Billion in Recovery Act Funds Now Available

- The NIH has designated at least $200 million in FYs 2009—2010 for a new initiative called the NIH Challenge Grants in Health and Science Research. This new program will support research on topic areas that address specific scientific and health research challenges in biomedical and behavioral research that would benefit from significant 2-year
NIH and ARRA
Stimulating the economy
Creating and preserving jobs
Advancing biomedical research
Improving people’s health