



Center for Clinical and
Translational Science

**4th Annual Spring Conference &
Satellite Meetings**

April 22nd-25th, 2009



U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
National Institutes of Health

Needed: Re-Conceptualizing the Research Enterprise

- ❑ New university model needed
- ❑ The list of America's top 50 universities will change profoundly in this century based on 3 issues:

Location

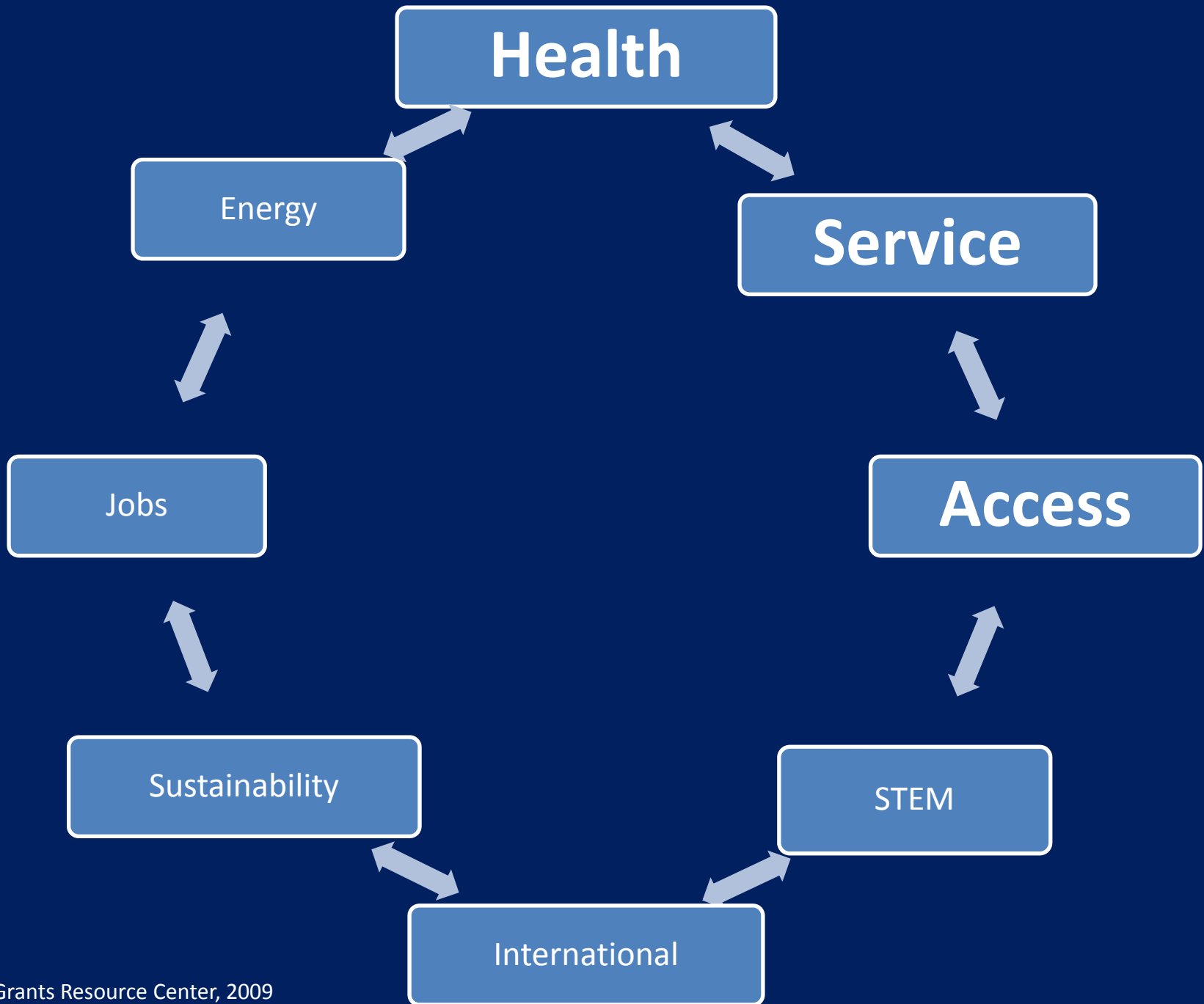
Programs

Collaboration

- Eugene Trani, President, Virginia Commonwealth University, 2007

The Obama Administration

- Promoting a bottom up strategy to problem-solving and economic recovery
- Implementing transparency at all levels of government operation



Stimulus Package (ARRA)

- ✓ Economic development connected to technology, job creation, and regional development
- ✓ Infrastructure projects associated with technology, public safety health care systems and national security
- ✓ Workforce development projects
- ✓ Capital projects involving research facilities and energy efficiency

not funded, but essential

- ✓ Civic engagement activities
- ✓ Research ethics and conflict of interest standards

What This Means for Higher Education

- New expectations that universities/colleges step forward as “stewards of place” as they are uniquely situated—embedded—with a sense of place
- University is home to the greatest source of economic hope – the marketable idea

Stimulus Package

All agencies receiving stimulus funds must post on the recovery website.

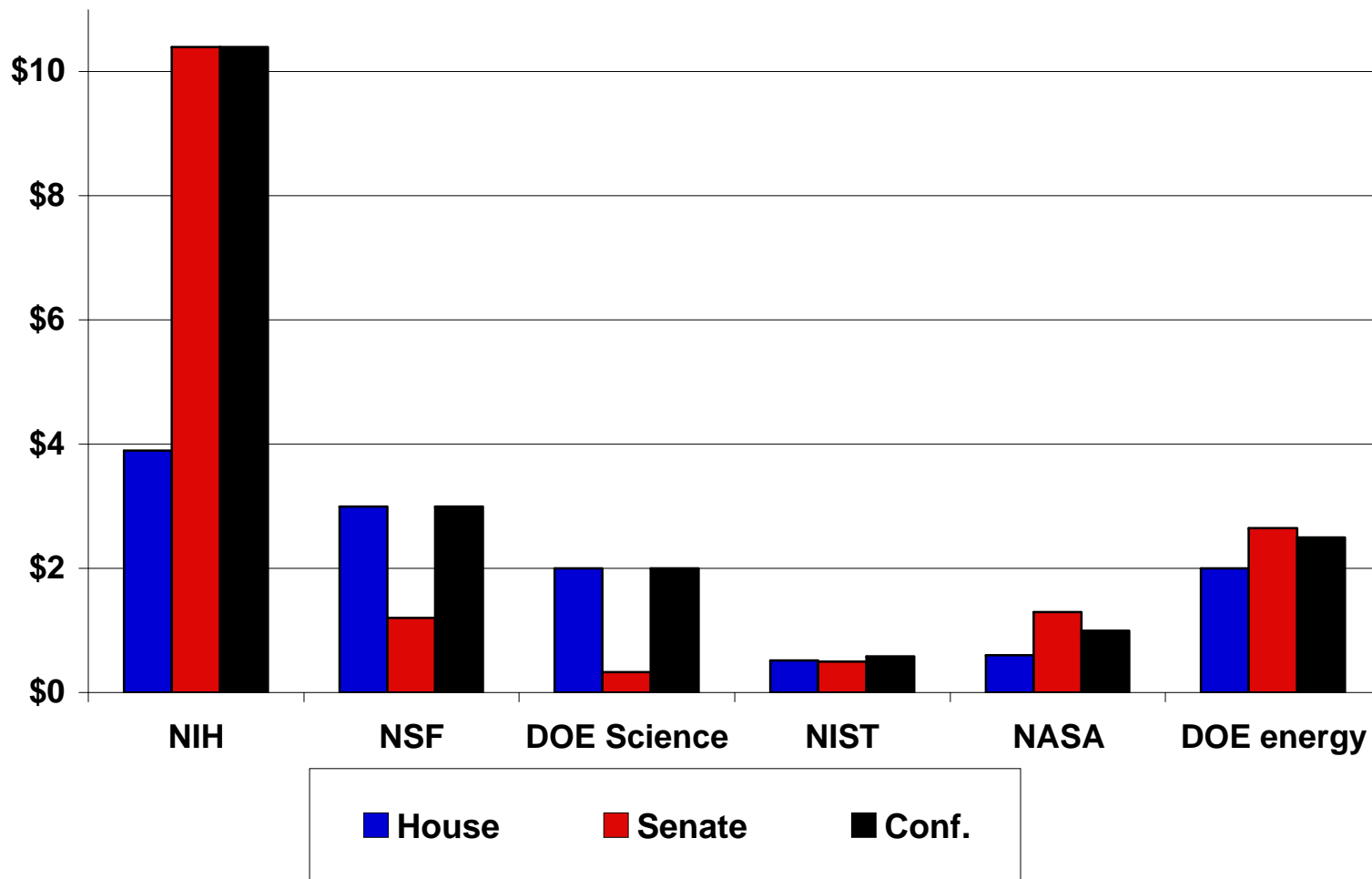
OMB is serving as coordinator/gatekeeper for all rule-making associated with agency-specific grant. There will likely be no comment period.

GCR is working to organize the stimulus information through its Website.

UNIQUE ASPECTS OF STIMULUS

- A supplement to the budget passed before most of the budget!
- Unprecedented increase for some agencies – even NIH (36%)
- Intended as one-time, not added to base
- Conference committee chose higher of House & Senate, or even more

2009 Supplemental Recovery Funding for R&D (House, Senate, and Final bills) (budget authority in billions of dollars)



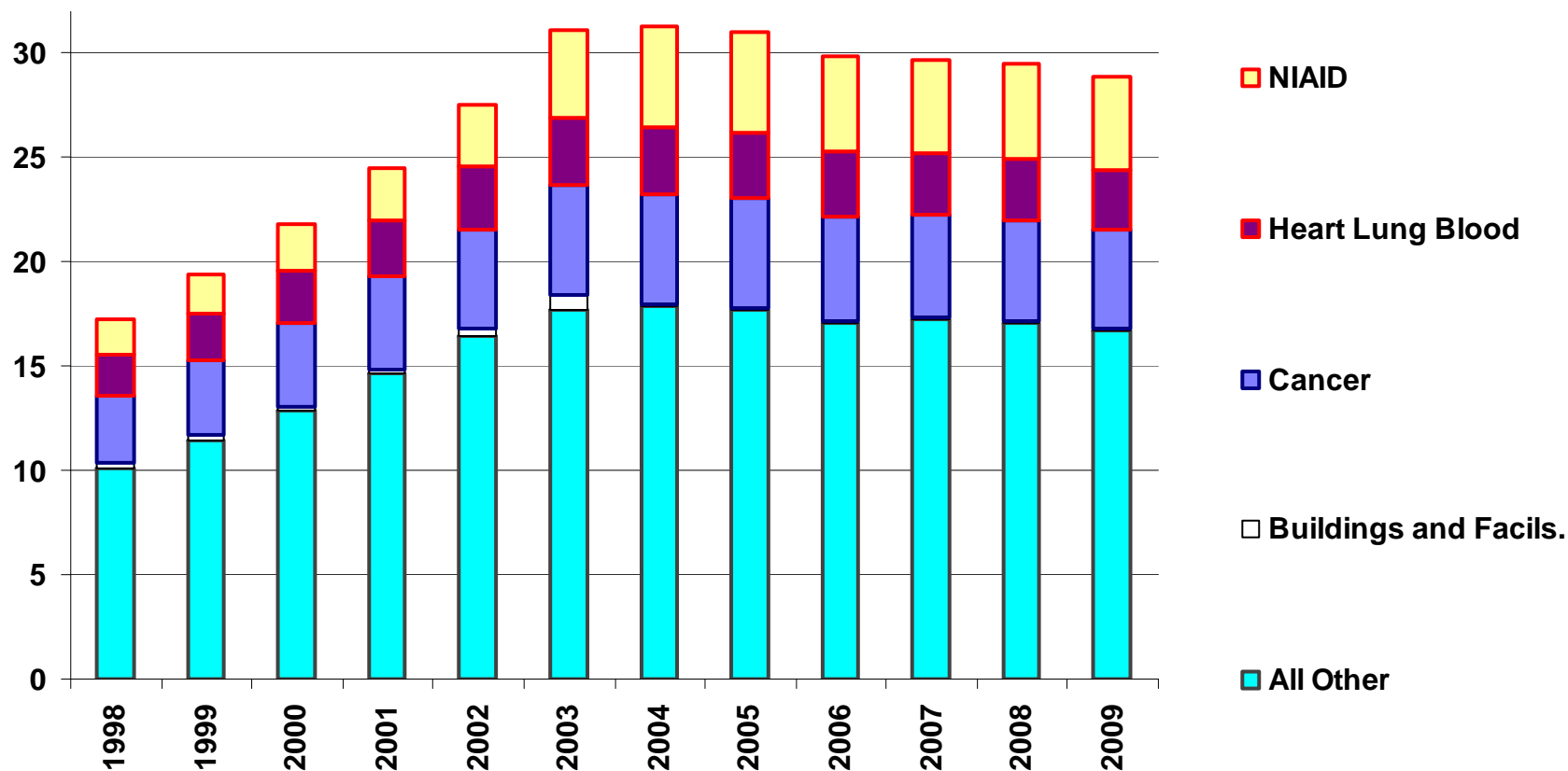
Source: AAAS analysis of R&D in House and Senate stimulus appropriations bills.
FEB. '09 © 2009 AAAS



National Institutes of Health Budget by Institute, 1998-2009 *

(budget authority in billions of constant FY 2008 dollars)

Before the stimulus



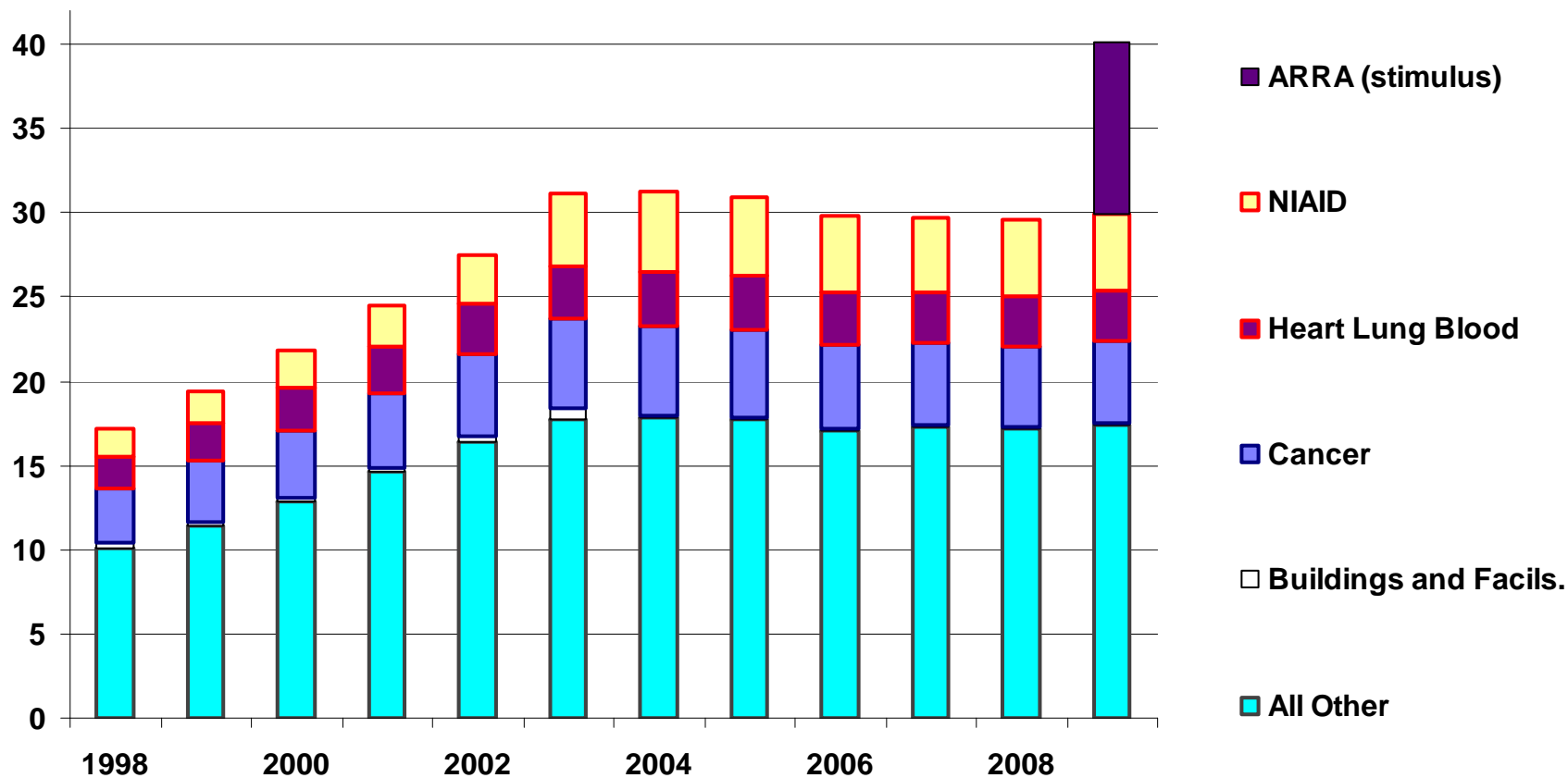
Source: AAAS R&D reports from NIH budget documents 1998-2009. * 2009 is latest AAAS estimates of FY 2009 request. Adjusted for inflation using OMB's GDP deflators.

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National Institutes of Health Budget by Institute, 1998-2009

(budget authority in billions of constant FY 2008 dollars)



Source: AAAS R&D reports from NIH budget documents 1996-2008. * 2009 figures are AAAS estimates of 2009 omnibus appropriations, including stimulus appropriations in HR 1. Adjusted for inflation using OMB's GDP deflators. FEB. 09
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Don't Just Chase the \$

- Build campus capacity
- Know community
interests/resources/needs
- Establish a strategic program
development mindset

Mantra: think globally, act locally



U.S. Department of Health & Human Services

Administration for Children & Families

United States Department of Health and Human Services

Substance Abuse & Mental Health Services Administration

"A Life in the Community For Everyone"



HRSA

U.S. Department of Health and Human Services
Health Resources and Services Administration

FY09 Priorities (\$42.8 billion for ACF, AHRQ, CDC, HRSA, & SAMHSA combined in FY09 omnibus)

- Delivery and access disparities
- Health information technology and delivery
- Substance abuse prevention and treatment
- Rural health
- Health professions training
- Maternal, child and family health



United States Department of Health & Human Services

FY10 Budget Blueprint -- \$76.8B HHS Discretionary (+\$6.3B/FY08)

- \$330 million for health professions workforce training/support in the form of loan repayment program expansion, dental workforce development grants, nursing grants
- \$211 million for research into the causes/treatments for Autism Spectrum Disorders
- \$73 million to improve rural health care
- Continues the investment in health IT, comparative effectiveness research, and Head Start & Early Head Start as established in the ARRA
- Other funding priorities: reduce domestic violence; enhance emergency care systems; expand drug courts & substance abuse treatment; and reduce health disparities.



United States Department of Health & Human Services

ARRA Funding – \$22.4 billion available for discretionary programs

- \$59 billion total funding to improve health and human services across the agencies

(includes funds for VA medical facilities, state health care/Medicare administration, health IT research and administration)

- Development of a National Health Information Technology Infrastructure
 - Creation of Office of the National Coordinator for Health Information Technology (ONCHIT) within HHS which will have \$2 billion, out of which:
 - \$20 million will go to the National Institute of Standards and Technology (NIST) in Commerce
 - \$30 million will support regional health IT efforts
 - Creation of a HIT Policy Committee and a HIT Standards Committee to provide recommendations to the ONCHIT



United States Department of Health & Human Services

ARRA Funding – HIT

HHS, NSF, & NIST will administer competitive grants to IHEs and/or research consortia for..

- Centers for Health Care Information Enterprise Integration program to generate innovative approaches to the development of a fully interoperable national health care infrastructure as well as develop and use HIT
- Establishment or expansion of medical informatics and health information management programs including certification, undergraduate and master's degree programs for both health care and IT students
 - Priority will be for existing education/training programs and programs designed to be completed in less than 6 months
 - Includes graduate health education programs to integrate HIT into clinical education curriculum
- The plan to allocate funds for implementation of HIT is expected by 051809



U.S. Department of Health & Human Services

Administration for Children & Families

ARRA Funding

- \$2 billion to states through the Child Care and Development Block Grant
 - \$256 million for activities that support the quality of child care services including training, education and other professional development activities to enhance the skills of the child care workforce
 - \$94 million for activities that improve the quality of infant and toddler care
- \$187 million to support Title IV-E adoption assistance and foster care programs for states (IHEs may partner)
- \$1 billion for Head Start and \$1.1 billion for Early Head Start
 - 10% will be used for training and technical assistance (programs in which IHEs may take part)
- \$1 billion to states for selected activities under the Community Services Block Grant
 - 90% of the awarded funds must be administered to eligible private and public entities
- \$50 million for cooperative research/demonstration projects related to programs authorized under the Social Security Act, ie. for prevention/reduction of dependency



U.S. Department of Health & Human Services

Administration for Children & Families

ARRA Funding Announcements

Head Start Expansion (HHS-2009-ACF-OHS-SH-0089)

Supports provision of services to unserved children and families residing in defined Federally approved service areas or in nearby unserved areas. The service areas and funding are to be specified in the full Program Announcement. Approx. \$102 million is available to support 200 awards. Only current Federally-funded Head Start agencies are eligible.

Early Head Start Expansion (HHS-2009-ACF-OHS-SA-0087)

Supports an increase in the enrollment of additional children as well as create new teaching and other positions within Early Head Start programs. Approx. \$619 is available million to support 600 awards. IHEs are eligible.

Deadlines and full Program Announcements via ACF's website are pending. For more information, see grants.gov.



U.S. Department of Health and Human Services
Health Resources and Services Administration

ARRA Funding

- \$2 billion for community health centers
 - \$500 million to support new sites/service areas & increase services at existing sites
 - \$1.5 billion for grants for construction, renovation, equipment, and acquisition of health IT systems for health centers & health center controlled networks
 - Announcements for funding are expected in summer 2009
- \$155 million went directly to 126 centers that applied in 2008
- \$500 million for scholarships, loan repayments, and grants for training program equipment to address health professions workforce shortages
 - \$75 million for the National Health Service Corps. through Sept. 30, 2011



Department of Health and Human Services

Centers for Disease Control and Prevention

ARRA Funding

\$1 billion fund for Prevention and Wellness

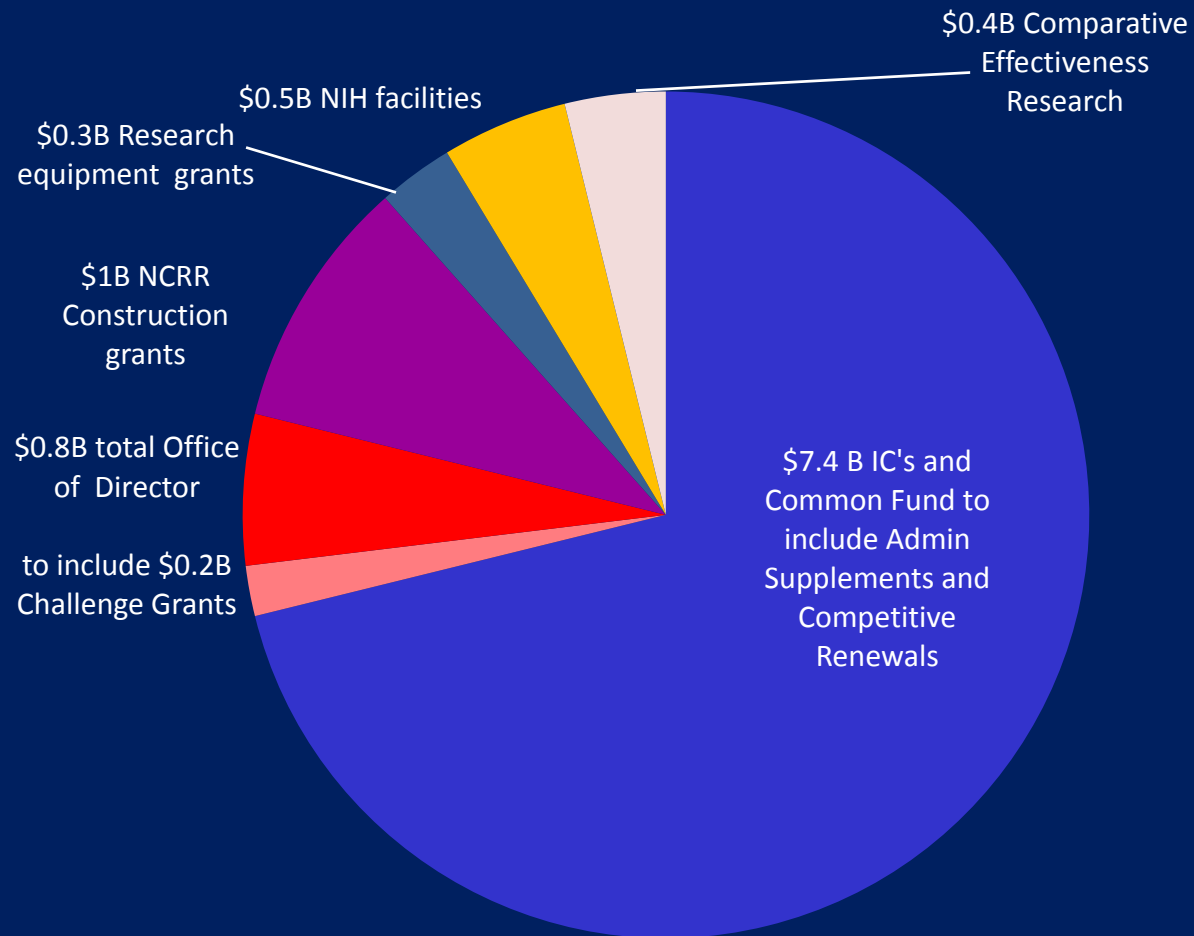
- \$300 million for CDC Immunization Program
- \$650 million to carry out prevention and wellness strategies that address chronic disease rates and, directly or through contracts with public or private entities, provide for annual evaluations of these programs.
- HHS is required to provide Congress with an operating plan within 90 days of ARRA enactment

NIH

Highest Priority Challenge Areas (in alpha order)

- Behavior, Behavioral Change, and Prevention;
- Bioethics;
- Biomarker Discovery and Validation;
- Clinical Research;
- Comparative Effectiveness Research;
- Enabling Technologies;
- Enhancing Clinical Trials;
- Genomics;
- Health Disparities;
- Information Tech for Processing Health Care Data;
- Regenerative Medicine;
- Science, Tech, Engineering & Mathematics Ed (STEM);
- Smart Biomaterials - Theranostics;
- Stem Cells
- Translational Science

The Stimulus



ARRA: \$10.4 B for 2 years through September 2010

NIH-more ARRA

Administrative Supplements Providing Summer Research Experiences for Students and Science Educators

- Supports administrative supplements to active NIH Research Grants
- Short term research experiences in NIH-funded laboratories
- Can support faculty from non-research intensive institutions
- Deadlines vary

<http://grants.nih.gov/grants/guide/notice-files/NOT-OD-09-060.html>