


**Who needs caffeine when you
have the stimulus bill?**


ARRA's IMPACT ON RESEARCH

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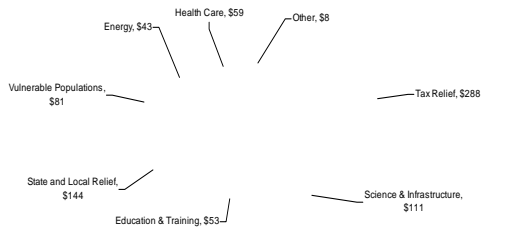


Overview


- How ARRA will spur research
- Examples of kinds of awards available
- Mind your spending



**ARRA Funds Distribution, Generally
(in billions)**



Category	Amount (in billions)
Tax Relief	\$288
Science & Infrastructure	\$111
State and Local Relief	\$144
Education & Training	\$53
Vulnerable Populations	\$81
Energy	\$43
Health Care	\$59
Other	\$8



Examples of ARRA's Science and Research Funding

Energy Office of Science-- \$1.6 Billion

National Science Foundation - \$3 Billion

NASA - \$4 Billion

National Instituted of Health - \$10.4 Billion

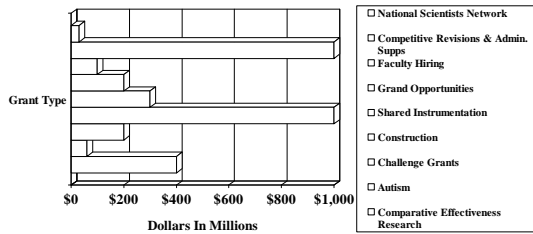


NIH ARRA Allocations = \$10.4 Billion


- \$2.2 Billion used for NIH internal projects
- \$8.2 Billion promised for extramural funding
 - \$7.4 Billion set aside for disbursement through the NIH Institutes and Centers and the Common Fund
 - \$800 Million reserved for the Office of the Director to use to fund the Director's priorities
 - ✓ \$200 million is being used for the Challenge Grant funding



NIH Allocations (so far)




Select NIH Funding Allocations




**Comparative Effectiveness Research:
\$400 Million**

- **This funding level was specifically designated in ARRA and is in addition to the other NIH funding.**
 - \$300 million was given to the Agency for Healthcare Research and Quality
 - \$400 million to the HHS Secretary's office
- **These funds are designated to:**
 - Conduct, support, or synthesize research that compares the clinical outcomes, effectiveness, and appropriateness of items, services, and procedures that are used to prevent, diagnose, or treat diseases, disorders, and other health conditions.
 - Encourage the development and use of clinical registries, clinical data networks, and other forms of electronic health data that can be used to generate or obtain outcomes data.
- **The Federal Coordinating Council for Comparative Effectiveness Research has been created to coordinate this research across the Federal government**
- **Website: <http://www.hhs.gov/recovery/programs/cer/index.html>**




**Challenge Grants:
\$200 Million**

- **Funds come from the NIH Director's allocation**
- **Funds will be distributed across the Institutes and Centers**
- **15 broad topics to be addressed, including:**
 - Behavior, Behavioral Change, and Prevention
 - Bioethics
 - Biomarker Discovery and Validation
 - Clinical Research
 - Comparative Effectiveness Research (CER)
 - Enhancing Clinical Trials
 - Health Disparities
 - Information Technology for Processing Health Care Data
 - Stem Cells
 - Translational Science
- **Application deadline is April 27, 2009 and the earliest anticipated start date is September 30, 2009.**




**Construction Grants:
\$1 Billion**

- **Core Facility Renovation, Repair, and Improvement (G20)**
 - Primary objective is to upgrade facilities that conduct PHS-supported biomedical and/or behavioral research
 - Project must cost between \$1 million and \$10 million
 - Application Deadline: September 17, 2009.
- **Extramural Research Facilities Improvement Program (C06)**
 - Primary objective is to fund costs of improving non-Federal basic research, clinical research, and animal facilities; allows use of funds to construct facilities
 - Requested amount must be between \$2 million and \$15 million
 - Application Deadline: Depends on amount requested
 - ✓ May 6, 2009 (projects between \$2M and \$5M); June 17, 2009 (projects between \$10M and \$15M), July 17, 2009 (projects between \$5M and \$10M)




**Grand Opportunities:
\$200 Million**

- Purpose is to support large-scale, biomedical and bio-behavioral research endeavors
- The projects should not anticipate NIH funding after the two-year stimulus support ends
- Budget must exceed \$500,000 each year
- Looking to for ground-breaking research that is immediately ready to be deployed upon receipt of funds
- Application Deadline: May 27, 2009 (letter of intent due April 27, 2009)




**Competitive Revisions and
Administrative Supplements:
\$1 Billion**

- **Competitive Revision Applications**
 - Funding for significant expansion of the scope or research protocol of already approved and funded projects
 - Application Deadline: April 21, 2009.
- **Administrative Supplements**
 - Available for all current, active grants, but focus areas include:
 - ✓ Equipment purchases (costing under \$100,000)
 - ✓ Enhancing the activities of clinical trials including increasing enrollment and increasing the capacity for data analysis
 - ✓ Research employment opportunities for pre-doctoral students and medical students
 - ✓ Comparative effectiveness research
 - Decisions on awards will be made by the original granting Institute or Center
 - Application Deadline: Open
 - Summer Research Experiences Supplement: Provides funding for hosting students and science teachers




NSF Funding Allocations




NSF ARRA Funding

- **NSF has stated that \$2 billion of the funds allocated will go to proposals it already has in-house or proposals received after October 1, 2008, but could not previously fund**
- **New solicitations planned**
 - \$200 million for Academic Research Infrastructure
 - \$15 million for the Science Masters program
 - \$300 million for Major Research Instrumentation Program
- **No expenditures to date**



ARRA Oversight



General Oversight

- **ARRA establishes the Recovery Accountability and Transparency Act Board**
 - Consists of Inspector Generals of agencies with largest ARRA funding
- **Expenditure reports are being posted on www.recovery.gov.**
- **The Office of Management and Budget has posted implementing guidance, including proposed award terms, at http://www.whitehouse.gov/omb/recovery_default/**



ARRA Grantee Requirements

- **Quarterly reporting to funding agency (§1512 (c))**
 - Total ARRA funds received in the quarter
 - How funds were expended
 - Detailed list of projects
 - Estimate of # of jobs created or retained by the funds
 - Completion status
 - Report on sub-awards
- **Separate accounting for ARRA funds**
- **Must be registered with the Central Contractor Registration**



Questions?

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