

# **American Recovery & Reinvestment Act of 2009 (ARRA)**

VPRT.2009

VPRT-EFR

Up-dated April 1, 2009

# Purpose

Present up-dated information

Answer questions

Share experiences

Identify needs

# AGENDA

ARRA Overview

Timetable

Funding Initiatives

NIH

NSF

Other agencies

Special Recommendations

# The purpose of the ARRA is to:

- preserve and create jobs and promote economic recovery.
- assist those most impacted by the recession.
- provide investments to increase economic efficiency by spurring technological advances in science and health.
- invest in transportation, environmental protection, and other infrastructure that will provide long-term economic benefits.
- stabilize state and local government budgets, in order to minimize and avoid reductions in essential services and counterproductive state and local tax increases.

# The Obama Administration

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

# Unique Opportunity for Higher Education

University is home to the greatest source of economic hope – the marketable idea

Build campus capacity

Know community interests/resources/needs

Establish a strategic program development mindset

**Think globally, act locally**

# Funding Priorities

Health Care

Community Service

Access

STEM

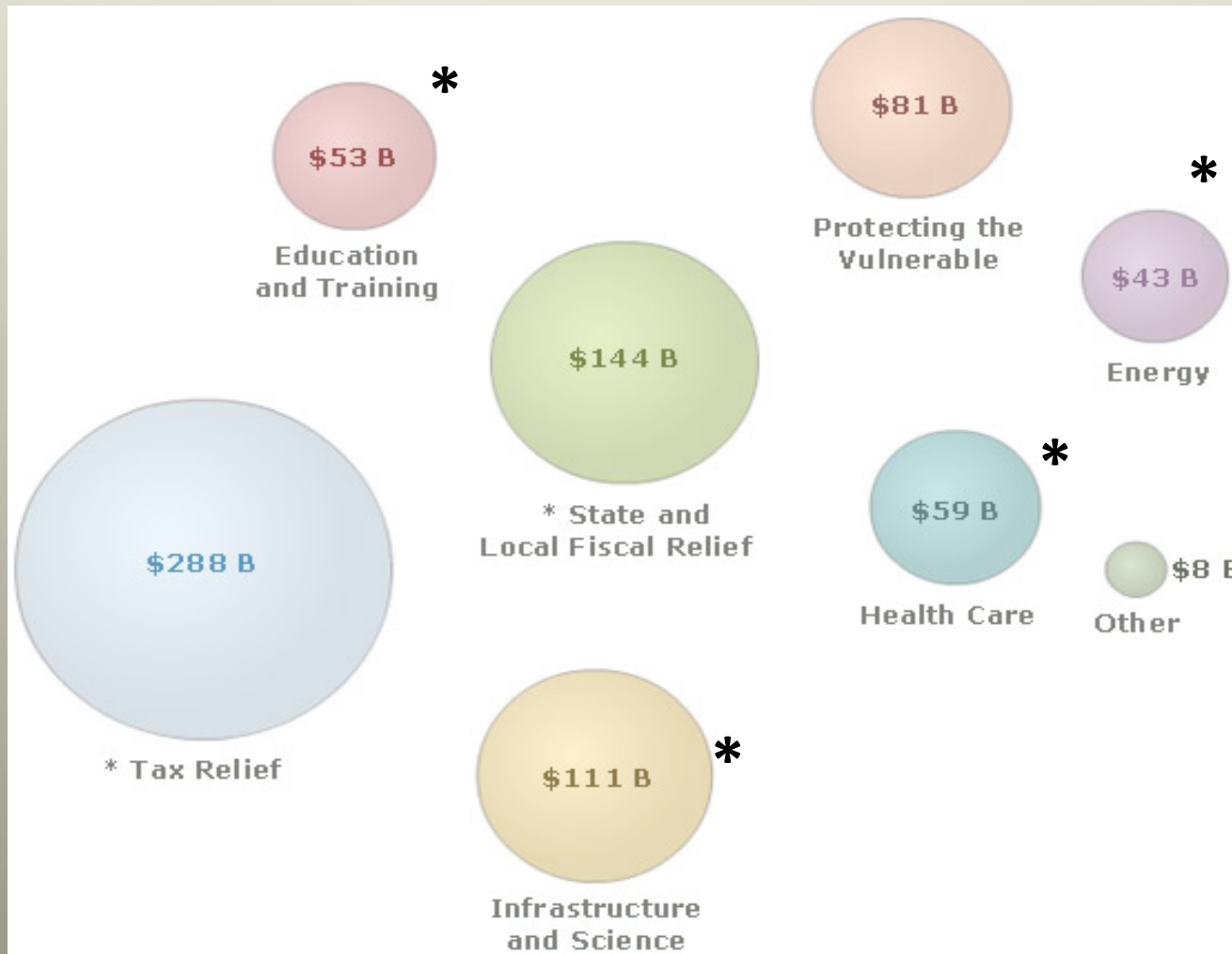
Internationalization

Sustainability

Jobs

Energy Energy Energy

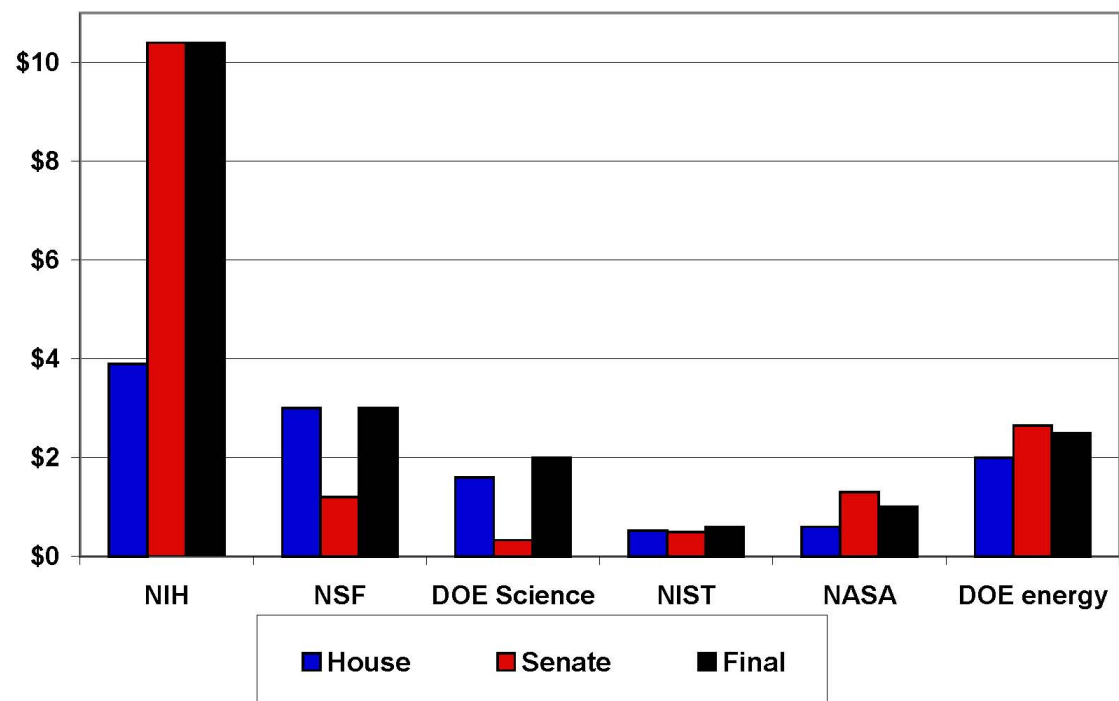
# Where is the money going?



# Time Table

|                   |                                                                                                                                                  |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| 13-Feb-2009       | HR 1 passed by the House of Representatives<br>HR1 passed by the Senate                                                                          |
| 17-Feb-2009       | HR1 signed into law, and website (recovery.com) goes live                                                                                        |
| 19-Feb-2009       | Federal Agencies to begin reporting their formula block grants awards                                                                            |
| 3-Mar-2009        | Federal agencies to begin reporting use of funds                                                                                                 |
| <b>1-May-2009</b> | <b>Recovery Plan for each program in the Law</b>                                                                                                 |
| 3-May-2009        | Federal agencies to make Performance Plans publicly available<br>Federal agencies to begin reporting on the allocations for entitlement programs |
| 15-May-2009       | Detailed agency financial reports to become available                                                                                            |
| 20-May-2009       | Federal agencies to begin reporting their competitive grants and contracts                                                                       |
| 15-Jul-2009       | Recipients of federal funding to begin reporting on their use of funds                                                                           |

### 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, Senate,  
and Final stimulus appropriations bills (HR 1).  
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# MORE ON THE STIMULUS

## **Four major R&D priorities receive funds:**

innovation & competitiveness-related basic research, biomedical research, energy R&D, and climate change.

## **Basic competitiveness research:**

stimulus puts NSF, DOE O/S, and NIST on track to double over 7 to 10 years, as promised in Obama campaign and bipartisan America COMPETES Act of 2007.

## **Energy and climate also high priorities:**

\$3.5B for DOE energy R&D, \$400 M for NASA climate programs, \$830 million for NOAA.

## **Goal is to spend the money quickly:**

agencies get FY 2009 money, can obligate the funds through Sept. 2010



**\$10.4 billion investment**

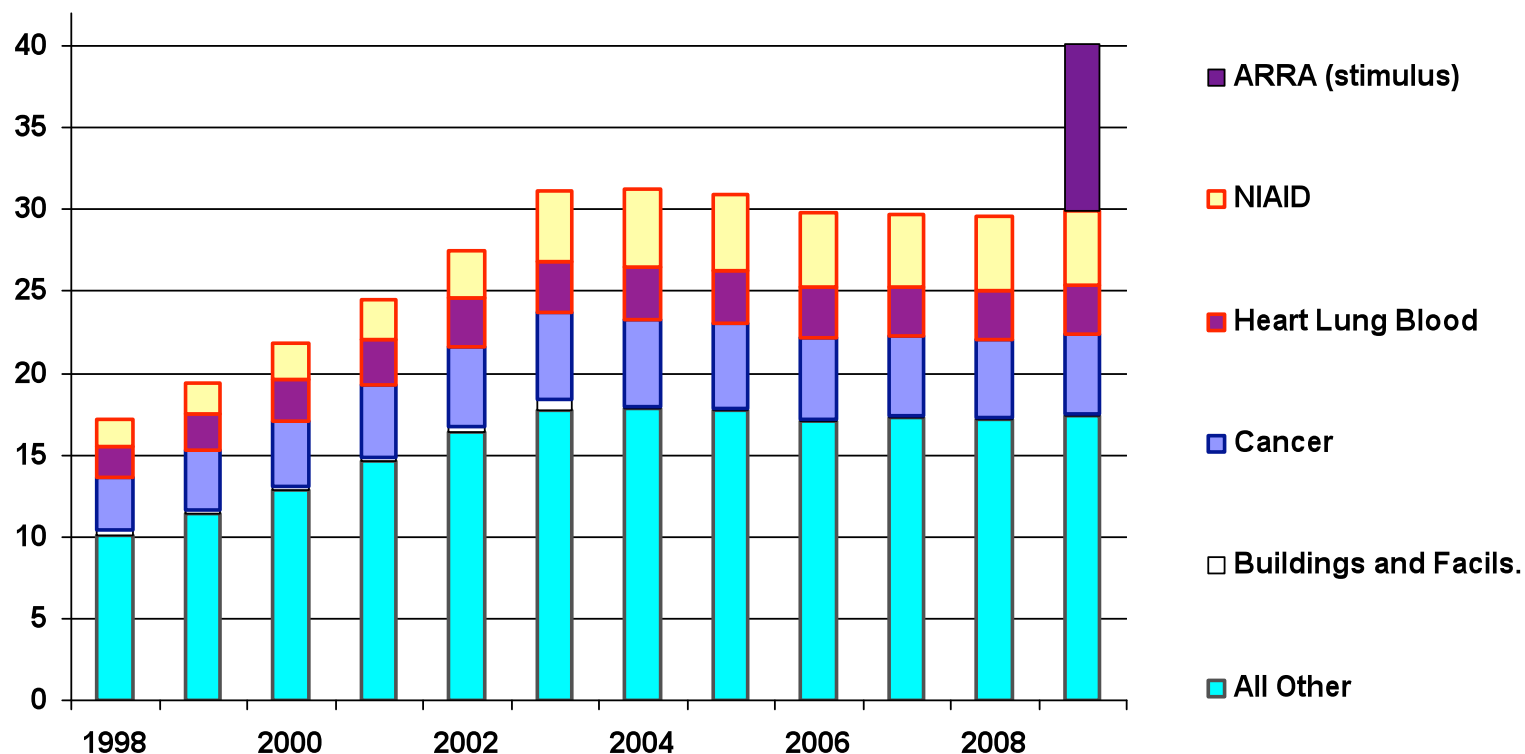
**NIH**

September 2010

50 states and territories, through more than 3,000 institutions

## 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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# Support of Scientific Research Priorities

**\$8.2 billion**

- \$7.4 billion is transferred to the Institutes and Centers and Common Fund (CF)/ Roadmap based on a percentage-based formula
- \$800 million to the Office of the Director (OD) (not including CF) (For example, support for **Challenge Grants**, a program designed to focus on health and science problems where progress can be expected in two years)
- To support additional scientific research-related activities that also align with the overall purposes of the Act

# NIH Institute Allocations

|       | FY09 Budget     | % of FY09 Budget | % of \$7.4B   |
|-------|-----------------|------------------|---------------|
| NCI   | \$4,809,819,000 | 16.324%          | 1,207,952,977 |
| NIAID | 4,568,778,000   | 15.506%          | 1,147,417,186 |
| NHLBI | 2,924,942,000   | 9.927%           | 734,579,076   |
| NIGMS | 1,937,690,000   | 6.576%           | 486,637,523   |
| NIDDK | 1,858,487,000   | 6.307%           | 466,746,234   |
| NINDS | 1,545,397,000   | 5.245%           | 388,115,833   |
| NIMH  | 1,406,841,000   | 4.775%           | 353,318,446   |
| NICHD | 1,255,920,000   | 4.262%           | 315,415,674   |
| NCRR  | 1,160,473,000   | 3.938%           | 291,444,816   |
| OD*   | 1,056,797,000   | 3.587%           | 265,407,302   |
| NIA   | 1,048,278,000   | 3.558%           | 263,267,813   |
| NIDA  | 1,001,672,000   | 3.400%           | 251,563,037   |
| NEI   | 667,764,000     | 2.266%           | 167,704,338   |
| NIEHS | 642,875,000     | 2.182%           | 161,453,637   |

|                                                          | FY09 Budget                             | % of FY09 Budget | % of \$7.4B |
|----------------------------------------------------------|-----------------------------------------|------------------|-------------|
| NIAMS                                                    | 509,080,000                             | 1.728%           | 127,851,942 |
| NHGRI                                                    | 487,878,000                             | 1.656%           | 122,527,206 |
| NIAAA                                                    | 436,681,000                             | 1.482%           | 109,669,431 |
| NIDCD                                                    | 395,047,000                             | 1.341%           | 99,213,338  |
| NIDCR                                                    | 390,535,000                             | 1.325%           | 98,080,180  |
| NLM                                                      | 323,046,000                             | 1.096%           | 81,130,782  |
| NIBIB                                                    | 300,254,000                             | 1.019%           | 75,406,728  |
| NCMHD                                                    | 199,762,000                             | 0.678%           | 50,168,853  |
| NINR                                                     | 137,609,000                             | 0.467%           | 34,559,554  |
| NCCAM                                                    | 121,695,000                             | 0.413%           | 30,562,863  |
| FIC                                                      | 66,623,000                              | 0.226%           | 16,731,908  |
|                                                          | \$29,229,524,000<br>99.709%             |                  |             |
|                                                          | \$29,465,270,000 – Total, Program Level |                  |             |
| *800M will be directed to OD to support Challenge Grants |                                         |                  |             |

# Extramural Construction, Repairs, and Alterations

**\$1 billion**

Allocated to the National Center for Research Resources (NCRR) in support of all NIH funded research institutions (construction and renovation of **extramural** research facilities). NO institutional matching required; timeline 5 years not 2 years.

# Request for Applications (RFAs)

- Two related Request for Applications (RFAs) have been released in response to the Recovery Act
  - [RFA-RR-09-007](#) (supports core facilities improvement projects; G20 mechanism)
  - [RFA-RR-09-008](#) (supports construction, renovation and repair improvement projects; C06 mechanism)

# Comparison of G20 and C06 RFAs

| <u>Item</u>                                                          | <u><a href="#">RFA-RR-09-007</a></u><br><u><a href="#">(Core facilities)</a></u> | <u><a href="#">RFA-RR-09-008</a></u><br><u><a href="#">(Construction etc.)</a></u> |
|----------------------------------------------------------------------|----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| <b>Mechanism</b>                                                     | <b>G20</b>                                                                       | <b>C06</b>                                                                         |
| <b>Budget/application<br/>(direct cost only)</b>                     | <b>\$1 - 10 Million</b>                                                          | <b>\$2 - 15 Million</b>                                                            |
| <b>Number of applica-tions/<br/><a href="#">per institution*</a></b> | <b>no more than 2</b>                                                            | <b>no more than 3</b>                                                              |
| <b>Type of equipment<br/>allowed</b>                                 | <b>general purpose &amp; fixed<br/>equipment</b>                                 | <b>fixed equipment only</b>                                                        |
| <b>Equipment maximum</b>                                             | <b>up to \$100K for specialized<br/>equipment</b>                                | <b>Not Applicable</b>                                                              |

[\\*An institution is defined as an organization with a separate IPF code identifier.](#)

# Comparison of G20 and C06 RFAs (cont'd)

| <u>Item</u>                                     | <u><a href="#">RFA-RR-09-007</a></u><br><u><a href="#">(Core facilities)</a></u> | <u><a href="#">RFA-RR-09-008</a></u><br><u><a href="#">(Construction, etc.)</a></u>  |
|-------------------------------------------------|----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| New construction, and completion of shell space | No                                                                               | Yes                                                                                  |
| Receipt date(s)                                 | September 17, 2009                                                               | May 6, 2009 (\$2 – 5 M)<br>June 17, 2009 (\$10 – 15 M)<br>July 17, 2009 (\$5 – 10 M) |
| Award start dates                               | July 2010                                                                        | December 2009 & April 2010                                                           |
| Green technology & design approaches            | Yes                                                                              | Yes                                                                                  |
| Creation/retention of American jobs             | Yes                                                                              | Yes                                                                                  |

# Helpful Hints in Preparing a G20 or C06 Application

- Read the RFA carefully.
- Make a checklist from the RFA review criteria and address each item on the checklist.
- Contact the office of the vice president for research or the sponsored program office of your institution to determine who has experience writing construction or renovation applications; recruit those individuals identified for the application team.
- Assemble a team of scientists (and veterinarians for animal facility improvement projects only), architects and engineers, administrators and grant writers; meet regularly and keep track of progress; set and keep timeline progress goals.

# Helpful Hints in Preparing a G20 & C06 Application

- Scientists (and veterinarians for animal facility improvement projects only) should write the scientific section of the project narrative of the application.
- Architects, engineers and facility staff should write the design section of the project narrative and produce the improvement project line drawings.
- Grant writers must merge the above two sections into a unified and cohesive document that is clear and easy to read.
- The **scientific writing team** should read the **architectural and engineering team's** section to ensure that it will be clearly understood by a scientist (and veterinarian if applicable); each application will be reviewed by an architect or engineer, veterinarian (if applicable) and scientist.

# Shared Instrumentation and other capital equipment

**\$300 million**

Allocated to NCRR to support all NIH activities (shared instrumentation and other capital equipment); probably additional RFA, relax request for matching

# Shared Instrumentation and other capital equipment

|                                 | Deadline           | Announcement      | Amount                              |
|---------------------------------|--------------------|-------------------|-------------------------------------|
| Shared Instrumentation          | March 23, 2009     | PAR-09-028        | \$100,000 - \$500,000               |
| <b>High End Instrumentation</b> | <b>May 6, 2009</b> | <b>PAR-09-118</b> | <b>\$6000,000 –<br/>\$8,000,000</b> |

**WARNING: SPACE – MAINTENANCE CONTACT – TECHNICAL SUPPORT**

# Comparative Effectiveness Research (CER)

**\$400 million**

For comparative effectiveness research (CER) / Outcome Research, following transfer of these funds from the Agency for Healthcare Research and Quality (AHRQ)

## *NIH will focus scientific activities in several areas:*

- Support a reasonable number of awards to jump start the new **NIH Challenge Grant program**. This program is designed to focus on health and science problems where progress can be expected in **two years**. **No cap of challenge grants from an institution; multiple PIs allowed.**

# Highest Priority Challenges Areas

- 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

# Challenge Grants

- Mechanism: RC1 - RFA OD-09-003
- Focus on a broad array of more than one hundred topics, from behavioral sciences and genomics to stem cells and translational science.
- 200 or more projects expected to be funded over the next two years.
- SF424 (R&R) application forms
- Submissions are due by April 27, 2009 (accepted from March 27, 2009)
- More information at:

[http://grants.nih.gov/grants/funding/challenge award/](http://grants.nih.gov/grants/funding/challenge_award/)

# “Grant Opportunities” GO

- Mechanism: RC2 - RFA OD-09-004
- Focus on large-scale research projects that accelerate basic, clinical and translational breakthroughs, improve synergy and interactions among multi and interdisciplinary research teams by proposing a specific question or the creation of as unique infrastructure/resource.
- \$200 M available for this initiative. Budgets > \$500,000/year, Multiple Pis
- SF424 (R&R) application forms , no limit number of applications
- Submissions are due by May 27, 2009 (accepted from April 27, 2009)
- More information at:

[http://grants.nih.gov/grants/funding/challenge\\_award/](http://grants.nih.gov/grants/funding/challenge_award/)

# Supporting New Faculty Recruitment to Enhance Biomedical Research Core Centers

Mechanism: P30 - RFA OD-09-005

Focus on hiring, providing start-up packages, and develop pilot research projects for newly-independent investigators with the goal of expanding multidisciplinary research groups focusing on biomedical research relevant to NIH.

\$100 M available for this initiative. Budget limit set by the institutes/ Only one PI per application

SF424 (R&R) application forms , number of applications varies per institute/ center

Submissions are due by May 29, 2009

More information at:

[http://grants.nih.gov/grants/funding/challenge\\_award/](http://grants.nih.gov/grants/funding/challenge_award/)

## *NIH will focus scientific activities in several areas:*

- Recently peer reviewed, highly meritorious R01 and similar mechanisms capable of making significant advances in 2 years.
- New R01 applications that have a reasonable expectation of making progress in two years.
- Accelerate the tempo of ongoing science through targeted supplements to current grants.

# Competitive and Administrative Supplements

COMPETITIVE REVISION APPLICATIONS April 21, 2009

<http://grants.nih.gov/grants/guide/notice-files/NOT-OD-09-058.html>

ADMINISTRATIVE SUPPLEMENTS OPEN

<http://grants.nih.gov/grants/guide/notice-files/NOT-OD-09-056.html>

Administrative Supplements Providing Summer Research Experiences for Students and Science Educators OPEN

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

# Competitive and Administrative Supplements

|                                                            | Deadline       | Funding Available | Amount                          | Description                                          |
|------------------------------------------------------------|----------------|-------------------|---------------------------------|------------------------------------------------------|
| Competitive-New Research<br>NOT-OD-09-058                  | April 21, 2009 | \$1 Billion       | No limit                        | Competitive Revision – New Research                  |
| Administrative supplement<br>NOT-OD-09-056                 | OPEN           | \$1 Billion       | Dependent on type of grant      | Within scope of approved grant                       |
| Summer Research Administrative Supplement<br>NOT-OD-09-060 | OPEN           | \$1 Billion       | Dependent on number of students | Research Experience for Students & Science Educators |

# Autism Grants

|                                                                                        | Deadline     | Mechanism                                  |
|----------------------------------------------------------------------------------------|--------------|--------------------------------------------|
| Research to Address the Heterogeneity in Autism Spectrum Disorders (R01)               | May 12, 2009 | R01<br>RFA-MH-09-170                       |
| Research to Address the Heterogeneity in Autism Spectrum Disorders (Collaborative R01) | May 12, 2009 | R01 Collaborative<br>RFA-MH-09-171         |
| Research to Address the Heterogeneity in Autism Spectrum Disorders (R21)               | May 12, 2009 | R21<br>RFA-MH-09-172                       |
| Research to Address the Heterogeneity in Autism Spectrum Disorders                     | May 12, 2009 | R34 and Collaborative R34<br>RFA-MH-09-173 |

# Recommendations for Supplements

- Contact Program Directors as soon as possible
- Inquire about supplement cap since it may vary among institutes and centers
- Ask about administrative vs. competitive supplements
- Emphasize impact on employment (recruitment of new people, retention of laboratory personnel, etc.
- Link equipment to the hiring and retention of manufacturing employees

# Recommendations for Applications close to Payline (10-15%)

- Contact Program Office as soon as possible
- Work on a strong justification for receiving 2 year funding
- Inquire about allowed annual budget (could be up to \$500,000)
- Explain how these funds will allow you to conduct the project much faster and achieve the proposed goals in 2 years

# Additional Points on Process

- Funding process would keep in mind fair geographical distribution, provided merit is shown
- A new peer review process already underway at NIH should provide more flexibility and help expedite the process of these new funds

# Additional Points on Process

- Read the announcements carefully
  - Eligibility of institution and PI/PD
  - If multiple PIs allowed
  - Grants.gov submission requirements
    - Deadline for receipt of application is 5:00 p.m. local time of the institution
    - Note various receipt dates based on costs!
  - Proposed Timetable
    - Note accelerated design milestones (i.e., 14 months instead of 24 months)

# Other Recommendations

- Remember: 2009 offers a unique opportunity for those submitting proposals
- RO1
- UO1
- PO1 etc.



|                             |         |
|-----------------------------|---------|
| NATIONAL SCIENCE FOUNDATION | \$3.0 B |
|-----------------------------|---------|

|                                              |  |
|----------------------------------------------|--|
| *Academic Research Infrastructure (Title II) |  |
|----------------------------------------------|--|

|                    |     |
|--------------------|-----|
| Public Law 100-570 | 200 |
|--------------------|-----|

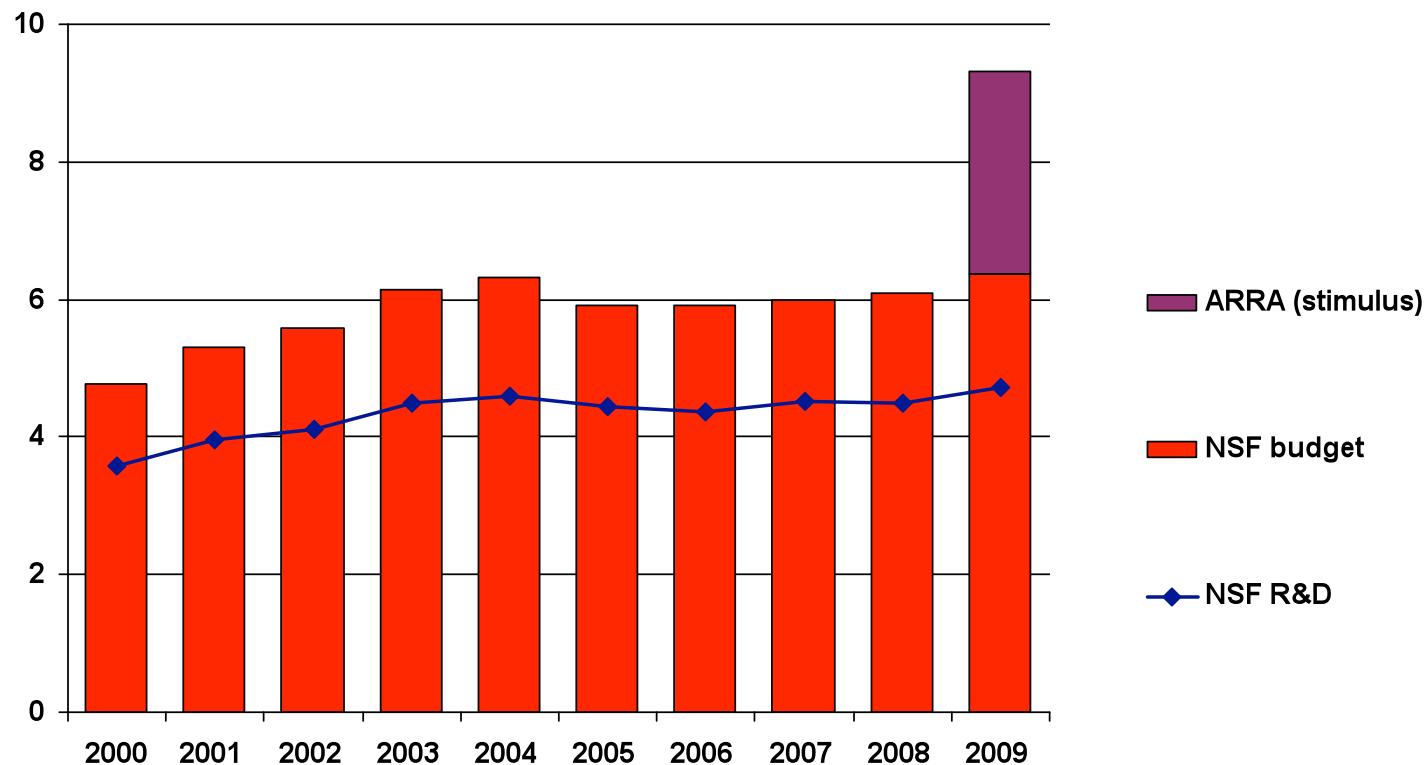
|                                       |     |
|---------------------------------------|-----|
| *Major Research Instrumentation (MRI) | 300 |
|---------------------------------------|-----|

|                                 |       |
|---------------------------------|-------|
| Other Res. & Related Activities | 2,000 |
|---------------------------------|-------|

|                                  |     |
|----------------------------------|-----|
| Education and Human Resources 3/ | 100 |
|----------------------------------|-----|

|                                   |     |
|-----------------------------------|-----|
| Major Res. Equip & Facil. Constr. | 400 |
|-----------------------------------|-----|

## National Science Foundation Budget, FY 2000-2009 (as of 2/09)\* (budget authority in billions of constant FY 2008 dollars)



Source: National Science Foundation, AAAS, and latest AAAS estimates of FY 2009 appropriations. Includes supplemental (stimulus appropriations) in Public Law 111-5. FY 2009 NSF R&D line excludes stimulus R&D.  
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# NSF Priority Programs

- Cyber-enabled Discovery and Innovation
- Science and Technology Centers
- CAREER awards (funded for full five years)
- Graduate Research Fellowships
- Rapid Response Research (RAPID) and Early-concept Grants for Exploratory Research (EAGER) replace 'small, rapid-response'
- OISE Opportunities (international)
- Major Research Instrumentation
- Hispanic Serving Institutions set-aside
- Professional Science Master's (\$15m in ARRA)
- Academic research infrastructure (for outfitting and rehabilitating research space, not for new construction),

# National Science Foundation

NSF is planning to use the majority of the \$2 Billion available for Research and Related Activities for proposals already in house and will be reviewed or awarded prior to September 30, 2009.

# National Science Foundation

## Awards Funds as Specified in the Recovery Act

|                                                                      |        |
|----------------------------------------------------------------------|--------|
| Math and Science Partnership program (NSF 09-507)                    | \$25 M |
| Robert Noyce Teacher Scholarship Program (NSF 09-513)                | \$60 M |
| Major Research Equipment and Facilities Construction<br>(NSF 09-502) | \$400M |
| *Academic Research Infrastructure (ARI) (PENDING)                    | \$200M |
| *Science Master Program (PENDING)                                    | \$15 M |

**NO OTHER SOLICITATIONS WILL BE POSTED THAT ARE SOLELY THE RESPONSE OF THE RECOVERY ACT**

# National Science Foundation

- All grants issued with Recovery Act funds will be standard grants with a duration of up to 5 years.
- Funding of new Principal Investigators and high-risk, high-return research will be top priorities
- NSF will also consider proposals declined on or after October 1, 2008
- No supplements / verify cost sharing



National Science Foundation  
WHERE DISCOVERIES BEGIN

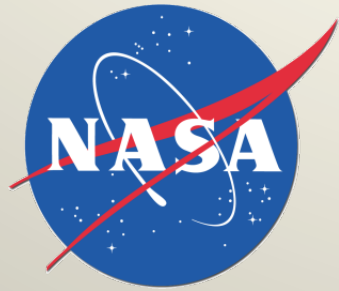
# • Grant Proposal Guide

updated October 2008

effective January 5, 2009

## Several Noteworthy Changes

- Mentoring Plan (post-docs)
  - Cost Sharing
- Faculty Salary (summer)
  - Co-PIs



# Other Funding

NASA

\$1.0 B

Science

**400**

Aeronautics

**150**

Cross-Agency Support Programs 3/

**50**

Exploration

**400**



# Other Funding

|                      |         |
|----------------------|---------|
| DEPARTMENT OF ENERGY | \$5.5 B |
|----------------------|---------|

|                                                   |              |
|---------------------------------------------------|--------------|
| DOE -Office of Science (climate, biofuel, energy) | <b>1,600</b> |
|---------------------------------------------------|--------------|

|                                                                                                  |            |
|--------------------------------------------------------------------------------------------------|------------|
| ARPA-E (Adv. Research Projects Agency - Energy)<br>Collaborations with industry and universities | <b>400</b> |
|--------------------------------------------------------------------------------------------------|------------|

|                                       |       |
|---------------------------------------|-------|
| DOE Energy Efficiency & Renewables 1/ | 2,500 |
|---------------------------------------|-------|

|                      |       |
|----------------------|-------|
| DOE Fossil Energy 1/ | 1,000 |
|----------------------|-------|



# HRSA

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

- \$500 million for grants to community health centers
- \$1.5 billion for grants for construction, renovation, equipment, and acquisition of **health IT systems** for health centers and health center controlled networks
- \$500 million for **scholarships**, loan repayments, and grants for training program equipment to address health professions workforce shortages



## **U.S. Department of Agriculture (USDA)**

- Received \$28B in ARRA funding
- \$50M for the Aquaculture Assistance Grants Program
- \$20M for Rural Business Development Grants
- Distance Learning, Telemedicine, & Broadband Loan Program received \$2.5M to expand broadband access.



# National Endowment for the Arts

- \$50 million in emergency funding included in the federal stimulus bill. The money is intended to preserve jobs in the nonprofit arts sector, an industry hit by declines in philanthropic and government support.

# National Endowment for the Arts

- Sixty percent -- or \$30 million -- will be awarded directly to institutions, while \$20 million will be given to the NEA's network of state, regional and local partners.
- Organizations that have received a grant from the NEA in the last four years are eligible to apply for awards of \$25,000 or \$50,000. The deadline is April 2.
- See guidelines for mandatory electronic filing of applications at:  
<http://www.nea.gov/grants/apply/recovery/index.html>

# Other Funding

|                      |                 |
|----------------------|-----------------|
| <b>OTHER FUNDING</b> | <b>\$2.25 B</b> |
|----------------------|-----------------|

|                                       |     |
|---------------------------------------|-----|
| Department of Defense R&D Programs 1/ | 200 |
|---------------------------------------|-----|

|                                         |     |
|-----------------------------------------|-----|
| Natl. Inst. of Standards and Technology | 600 |
|-----------------------------------------|-----|

|                                         |     |
|-----------------------------------------|-----|
| Natl. Oceanic and Atmospheric Admin. 3/ | 830 |
|-----------------------------------------|-----|

|                                      |     |
|--------------------------------------|-----|
| U.S. Geological Survey facilities 3/ | 140 |
|--------------------------------------|-----|

|                                   |     |
|-----------------------------------|-----|
| USDA ARS Buildings and Facilities | 176 |
|-----------------------------------|-----|

|                                               |     |
|-----------------------------------------------|-----|
| HHS Agency for Healthcare Res. And Quality 2/ | 300 |
|-----------------------------------------------|-----|

# Reporting Requirements

- Unprecedented level of reporting
- Increased reporting both in amount of information as well as frequency
- Shorter grantee reporting (i.e. annually to quarterly), due 10 days after end of calendar quarter
- All reporting requirements from OMB

# Reporting Requirements

- Reports will include economic reporting, i.e. jobs created and retained; sub-recipient reporting; separate reporting of ARRA funds; grant by grant breakdown.

# Recomendaciones

- La urgencia de crear equipos de trabajo en sus recintos (o en colaboración entre unidades) que incluyan personas con el peritaje necesario para expedir el proceso de sumisión de propuestas para la investigación. Entre el personal a incluir se destacan los representantes de las Oficinas de Recursos Externos, Recursos Humanos y Finanzas, al igual que personal con conocimiento sobre la preparación de propuestas.
- La necesidad de generar inventarios que provean información sobre (a) las **propuestas activas** que puedan solicitar suplementos ya sea administrativos o competitivos; (b) los **investigadores que han sometido propuestas competitivas** en los últimos 6-9 meses y cuya percentila se encuentra entre el 10-15% de la línea de pago; (c) los **investigadores que planean someter propuestas** en respuesta a los anuncios regulares y/o asociados al ARRA en los próximos seis (6) meses.
- La identificación y generación de una **lista de las propuestas de infraestructura** (remodelación y construcción) que planeen someter investigadores, centros o programas en sus recintos.

# Recomendaciones

- La identificación de programas o consorcios de investigación que puedan someter suplementos para los **programas de verano de estudiantes y maestros de ciencia** o **reclutar investigadores jóvenes para plazas que estén disponibles**
- La importancia de que las **propuestas que solicitan equipo** contengan detalles sobre los planes para proveer mantenimiento, apoyo técnico y espacio apropiado una vez se reciba el mismo.
- **Notificación a todos los investigadores** de las oportunidades que el ARRA ofrece a través de las distintas agencias federales.

# Web-sites of Interest

Appropriations: <http://appropriations.house.gov/>

Science: <http://www.aaas.org/spp/rd/>

USA Government: <http://www.recovery.gov/>

Chronicle of Higher Education): <http://chronicle.com/>

American Council on Education (ACE -has economic stimulus resource center):  
<http://www.acenet.edu//AM/Template.cfm?Section=Home>

Links to Agencies: <http://www.recovery.gov/?q=content/agencies>

# UPR ARRA-Funded Grants

## **1R01MH083516 - 01 NIH**

Research Project Neuro-AIDS

PI Name: MELENDEZ, LOYDA M

Medical Sciences Campus

## **1R01AA**

Research Project Addiction

PI Name: TREISTMAN, STEVEN

Medical Sciences Campus

## **1R34MH085511 - 01A1 NIH**

Clinical Trial Planning Grant

PI Name: PEREZ-JIMENEZ , DAVID

Río Piedras Campus

## **NOAA**

PI Name: MAYER ROBERT J

UPR-Aguadilla

# Summary

- Recovery Act accountability and Transparency Board
- Extreme sensitivity to waste, fraud and abuse
- Unprecedented opportunity and challenge

## The President articulated support for research and universities

“ The state of our 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 build the roads and bridges, the electric grids and digital lines that feed our commerce and bind us together. **We will restore science to its rightful place and wield technology's wonders to raise health care's quality and lower its costs.** We will harness the sun and the winds and the soil to fuel our cars and run our factories. **And we will transform our schools and colleges and universities to meet the demands of a new age.** All this we can do. And all this we will do.”

*- President Barack Obama, Inaugural address, January 20, 2009*



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