



NIH Opportunities and American Recovery and Reinvestment Act (ARRA)

<http://www.sc.edu/research/stimulus/>



NIH Recovery Funding Totals \$10.4 B

\$8.2 billion in support of Scientific Research Priorities

- \$7.4 billion is transferred to the Institutes and Centers and Common Fund (CF), based on a percentage-based formula
- \$800 million to the Office of the Director (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.
- Scientific research-related activities that also align with the overall ARRA Act

\$1 billion to support Extramural Construction, Repairs, and Alterations

\$300 million to support Shared Instrumentation and Other Capital Equipment

\$500 million for NIH Buildings and Facilities

\$400 million for Comparative Effectiveness Research (CER)



Research Facilities

Core Facility Renovation, Repair, and Improvement (G20) - RFA-RR-09-007

- **Purpose:** Support conduct of PHS-supported biomedical/behavioral research through the renovation, repair, or improvement of a core facility (centralized shared resource that provides access to instruments or technologies or services) and expert consultation to investigators supported by it
- **Funds Availability:** \$1 M to \$ 10 M (direct costs) for each proposal
- **Special Restrictions:** No more than two distinct applications from each submitting institution. No F&A nor continuation costs awarded.

Extramural Research Facilities Improvement Program (C06) - RFA-RR-09-008

- **Purpose:** Facilitate/enhance PHS-supported non-Federal biomedical and behavioral basic/clinical research and research training needs of an institution through remodeling, renovation, or expansion of its biomedical, behavioral, or animal research facilities
- **Funds Availability:** \$2 M and \$15 M (direct costs) for individual awards
- **Special Restriction:** No more than three applications from each submitting institution



Research Equipment

High-End Instrumentation Grant Program (S10) - PAR-09-118

- **Purpose:** Support purchase of a single major item of biomedical research equipment costing between \$600,000 and \$8 million
- **Funds availability:** \$160 M for approximately 40 new awards
- **Special restrictions:** Applications must be for different types of equipment and identify three or more NIH funded investigators (Principal Investigators of active P01, R01, U01, R35, R37, DP1 or DP2 research grants) who will use it

Shared Instrumentation Grant Program (S10) - PAR-09-028

- **Purpose:** Support purchase or upgrade commercially available instruments that costing between \$100,000 and up to \$500,000.
- **Funds availability:** \$43 M - Fund approximately 125 new awards
- **Special restrictions:** Applications must be for different types of equipment and identify three or more NIH funded investigators (Principal Investigators of active P01, R01, U01, R35, R37, DP1 or DP2 research grants) who will use it



Competitive Revisions & Administrative Supplements

Competitive Revision Applications NOT-OD-09-058

- **Purpose:** Support significant expansion of the scope or research protocol of approved and funded projects. Recognize that these are 2-year awards and probably are most appropriate at the post-doctoral level
- **Restrictions:** Active NIH Research Grants, Program Project grants, Center grants, Cooperative Agreements, Training Grants, and Institutional Career Development Awards. Fellowships and Conference Grants (R13s) will not be considered for revisions. Individual ICs have more detailed eligibility information on their own Web sites.

Administrative Supplements Providing Summer Research Experiences for Students and Science Educators NOT-OD-09-060

- **Purpose:** Encourage students to seriously pursue research careers in the health related sciences, as well as provide elementary, middle school, and high school teachers, community college faculty, and faculty from non-research intensive institutions with short term research experiences in NIH-funded laboratories
- **Restrictions:** Active NIH Research Grants, Research Program and Center Grants, and Cooperative Agreements . Individual NIH ICs have more detailed eligibility information on their own Web sites.

Administrative Supplements NOT-OD-09-056

- **Purpose:** Accelerating the tempo of scientific research on active grants
- **Restrictions:** Active NIH Research Grants and Research Program and Center Grants, Career Development Awards, Institutional Training Grants, Cooperative Agreements and Educational Development Awards. Individual NIH ICs have more detailed eligibility information on their own Web sites.



NIH Challenge Grants in Health and Science Research (RC1)

[Funding Opportunity Announcement](#)

<http://grants.nih.gov/grants/guide/rfa-files/RFA-OD-09-003.html>



NIH Challenge Grants

Funds

- Part of the American Recovery and Reinvestment Act (ARRA)
- \$200 Million designated

Purpose

- Fund high impact biomedical or behavioral science, and/or public health research
- Benefit from significant 2-year jumpstart funds

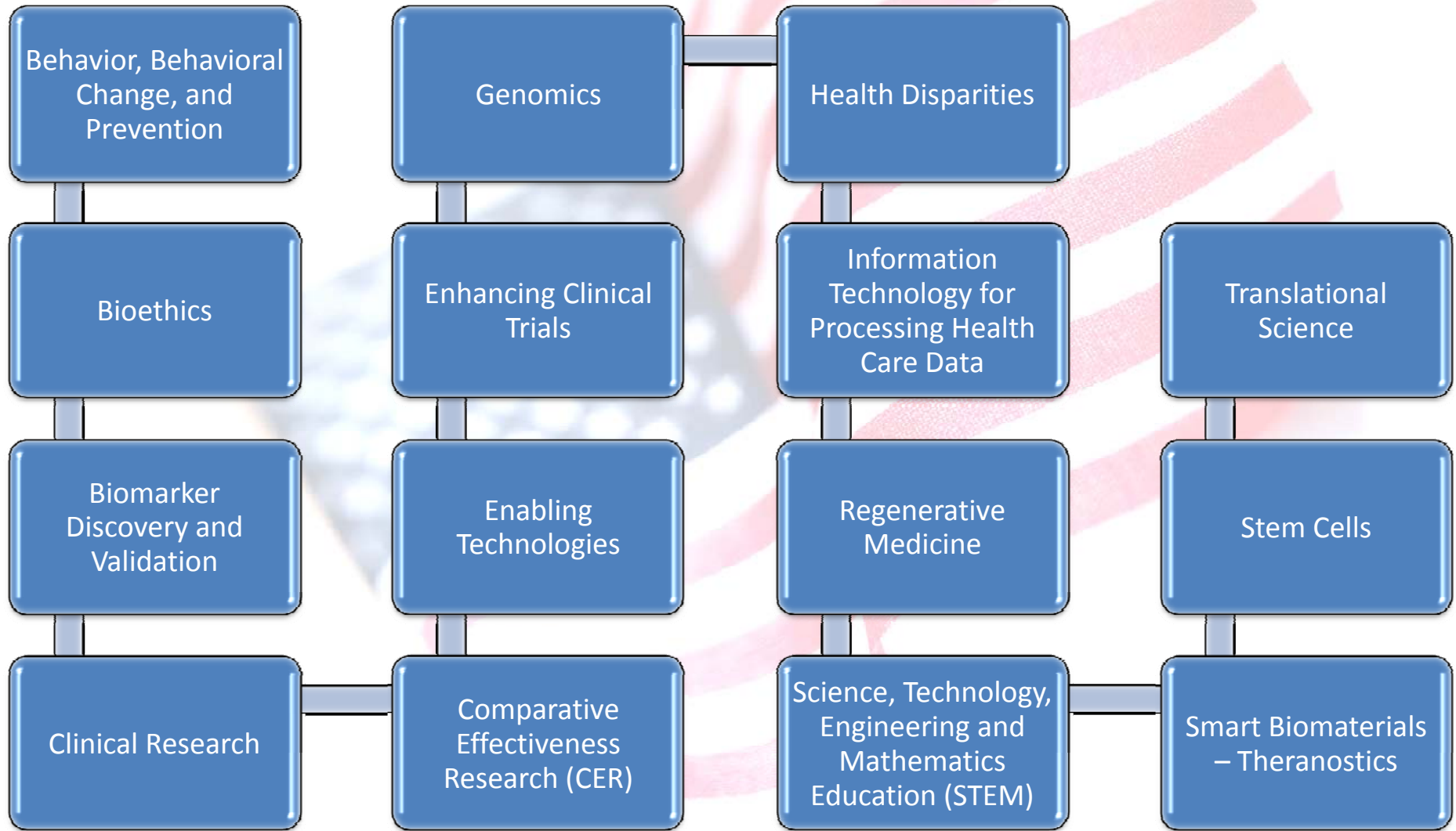
Budget

- May not exceed \$500,00 TOTAL costs per year
- Maximum of \$1,000,000 TOTAL costs for 2 years

http://grants.nih.gov/grants/funding/challenge_award/



NIH Challenge Topics





Special Requirements

Research Plan

- Statement of Challenge Area and Specific Topic
- The Challenge and Potential Impact
- The Approach
- Timeline and Milestones
- Limited to 12 pages

Bibliography and Literature Cited

- Limited to 1 page

Biosketch

- Limited to 2 pages
- Page limit includes all 3 sections of the biosketch
- Most relevant Publications (10 or fewer items)



Investigator Eligibility

No limitation for USC

PI may submit multiple applications
provided each is scientifically distinct

Recipients will not be considered
New PIs or Early Stage Investigators



Submission

NIH Receipt Date

- April 27, 2009 by 5:00 pm

USC Submission Policy

- Proposal to SAM by COB on April 22, 2009

USCERA

- Check the Stimulus Initiative (ARRA) box on the PAP form



Review and Selection Process

Applications will be reviewed in Special Emphasis Panels, not the standing study sections

Receive a second level of review by an appropriate national advisory council or board

Undergo a selection process in which only those applications deemed to have the highest scientific and technical merit (generally the top half of applications under review) will be discussed and assigned a priority score

Receive a written critique