



OFFICE OF
RESEARCH

Federal Stimulus Funding Research Opportunities

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Federal Stimulus Funding

Research Opportunities

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Useful web links

- <http://research.osu.edu/stimulus/>
 - Updated frequently, offers information about opportunities relevant to OSU researchers
- <http://www.recovery.gov/>
 - Agency recovery sites, which list programs for all federal agencies

Outline

- **Overview**

- NSF, DoE, NIH, Other Agencies

- **NIH**

- Proposals already reviewed
- Supplements
- New programs
 - > *High End Instrumentation (S10)*
 - > *Challenge Grants (RC1)*
 - > *GO Grants (RC2)*
 - > *Facilities Improvement Awards (C06 and G20)*
 - > *New Faculty Recruitment (P30)*

NSF – \$3 billion

- Will use most funds for proposals already ‘in the pipeline’
- Funding of new Principal Investigators and high-risk, high-return research will be top priorities
- Will not award supplements
- There will be a few new programs
 - Academic Research Infrastructure Program (\$200M)
 - Science Masters Program (\$15M)
 - Major Research Instrumentation Program (\$300M)
- ***Solicitations not yet issued.***

Department of Energy – \$32.7 billion

- Substantial funding for energy initiatives (non-research)
 - Includes weatherization, advanced batteries manufacturing, environmental management
- Research support will come primarily from Fossil Energy and Office of Science Programs
- Fossil Energy Programs (\$3.4B)
 - \$1 billion for fossil energy R&D
 - \$1.52 billion for a range of industrial carbon capture and energy efficiency improvement projects
 - \$50 million for site characterization activities in geologic formations

Department of Energy

- Office of Science Programs
 - Two RFAs already posted
 - \$277 million for Energy Frontier Research Centers (proposals submitted in summer of 2008; OSU is lead on one and collaborator on several more)
 - \$90 million for other core research support
 - Significant funding for facilities and activities at DOE managed National Laboratories

Department of Energy

- Smart Grid and related programs (\$4.5 billion)
- ARPA-E (\$400 million)
 - Possible new programs under ARPA-E might offer opportunities for university researchers

NIH – \$10.4 billion

- NIH will support a variety of activities
 - Well-scored but unfunded proposals already reviewed
 - Supplements to currently active awards
 - Several new programs

NIH – previously unfunded proposals

- Selected investigators with proposals that can show significant accomplishments in 2 years or less will be asked to submit a revised budget and scope of work, as well as other JIT information
- *If selected, work with your SPO to provide requested information as quickly as possible*

NIH Supplements

- Three types
 - Administrative supplements
<http://grants.nih.gov/grants/guide/notice-files/NOT-OD-09-056.html>
 - Administrative Supplements Providing Summer Research Experiences for Students and Science Educators
<http://grants.nih.gov/grants/guide/notice-files/NOT-OD-09-060.html>
 - Competitive Revision
<http://grants.nih.gov/grants/guide/notice-files/NOT-OD-09-058.html>

NIH Supplements

- http://grants.nih.gov/recovery/ic_supp.html has list of IC Web Sites for Supplements and Revisions to Active NIH Grants
- Please check to see whether your IC is funding the type of supplement you want to apply for (some variability across institutes)

NIH – Administrative Supplements

- Purpose is to promote job creation and economic development and accelerate pace and achievement of scientific research
- Activities to be funded must be within the general scope of the peer-reviewed activities and aims approved within the parent grant

NIH – Administrative Supplements – Summer

- Provide Summer Research Opportunities for:
 - High School and Undergraduate Students
 - Science Educators (e.g., Elementary, Middle School and High School Teachers, Community College Faculty, and Faculty from Non-Research Intensive Institutions)
- Contact the Undergraduate Research Office (uro@osu.edu) to identify interested students

NIH – Administrative Supplement Application

- http://grants.nih.gov/recovery/ic_supp.html
- No NIH-wide deadline, though ICs may have their own deadlines
- Proposals are submitted by e-mail as a pdf to the program director of the parent grant
- Supplements can be for up to 2 years but cannot last longer than the parent grant
- Program staff make funding decisions

NIH – Administrative Supplement Application Components

- Cover letter
- PHS 398 Form pages 1 & 2 with OSURF signature
- PHS 398 Form pages 4 & 5 (detailed budget)
- Brief proposal (no more than 5 pages)
- Biosketch for new key personnel
- Human Subjects/Vertebrate Animal documentation (if applicable)
- PHS 398 Checklist

NIH – Competitive Revisions

- To support new research objectives and aims that are **outside the scope of the approved parent grant.**
- Check that your IC supports competitive revisions
http://grants.nih.gov/recovery/ic_supp.html
- Discussion with IC program officer is strongly encouraged

NIH – Competitive Revision Application

- Supplements can be for up to 2 years but cannot last longer than the parent grant
- Funding decisions will be based on **peer review**
- Proposals are submitted through Cayuse to Grants.gov
- Deadline 4/21/09. **Submit to SPO by 4/16/09 to ensure timely submission**

NIH – Competitive Revision

Application Components

- Applications should use the FOA for the parent grant (e.g., R01, R03, R21) and the same budget format-- i.e., if parent grant had a modular budget, supplement budget request should be modular
- See IC funding announcement for specific information on application content

New Program – High End Instrumentation Awards (S10)

- <http://grants.nih.gov/grants/guide/pa-files/PAR-09-118.html>
- Supports purchase of instruments in the range of \$600,000 to \$8M
- A major user group of three or more investigators must be identified
- At least three of the major users must be PIs on NIH peer reviewed research grants at the time of the application and award

New Program – High End Instrumentation Awards (S10)

- Timeline
 - 4/3/09 – PIs provide [Dr. Jan Weisenberger](#) a brief description of the proposed equipment (to check for duplication)
 - 4/6/09 – Letter of Intent date (non-binding)
 - 5/1/09 – **Cayuse proposal due to SPO to ensure timely submission to Grants.gov**
 - 5/6/09 – Proposal must be in Grants.gov

New Program– Challenge Grants in Health and Science Research (RC1)

- <http://grants.nih.gov/grants/guide/rfa-files/RFA-OD-09-003.html>
- Applicants must address a Specific Topic within a Broad Challenge Area and clearly articulate how the proposed studies would significantly extend understanding of biomedical or behavioral science and/or health as it relates to the specific Challenge Topic selected.

NIH Challenge Grants in Health and Science Research (RC1)

- Broad Challenge Areas and Specific Topics at http://grants.nih.gov/grants/funding/challenge_award/Omnibus.pdf
- Applications will be reviewed using the new NIH criteria and scoring system
<http://grants.nih.gov/grants/guide/notice-files/NOT-OD-09-054.html>
- Fast **peer review** so reviewers may not be experts in the field – format proposal so that it is easy to review

NIH Challenge Grants in Health and Science Research (RC1)

- Application limited to 12 pages, 1 page Bibliography, 2 page Biosketch with 10 or fewer publications, etc (see RFA for details)
- Awards up to \$500K/year total costs for 2 years
- Early stage investigators awarded RC1s will lose their new investigator status for R01s
- Timeline
 - 4/22/09 – **Cayuse proposal due to SPO to ensure timely submission to Grants.gov**
 - 4/27/09 – Proposal must be in Grants.gov

New – Research & Research Infrastructure “Grand Opportunities” (RC2) GO Grants

- <http://grants.nih.gov/grants/guide/rfa-files/RFA-OD-09-004.html>
- “GO” grants will support high impact ideas that lend themselves to short-term funding, and may lay the foundation for new fields of investigation
- Can address either a specific research question or propose the creation of a unique infrastructure/resource designed to accelerate scientific progress in the future

New – GO Grants (RC2)

- Some project requirements
 - Specific outcomes that advance the mission of the NIH to improve health
 - Project is ready to be deployed immediately upon funding
 - There are appropriate measurable outcomes to evaluate the short and long-term effects of the project
 - The proposed project is something that no other entity is likely or able to do, and is there a public health benefit to having the results of the research in the public domain
 - Provide a list of outcomes and include plans to obtain long-term support for research endeavors carried out with "GO" grant funding

New – GO Grants (RC2)

- Application limited to 12 pages, 1 page Bibliography, 2 page Biosketch with 10 or fewer publications, etc (see RFA for details)
- **Minimum** funding \$500K/year total costs for 2 years
- Early stage investigators awarded GO Grants lose their new investigator status for R01s
- Timeline
 - 4/27/09 -- Letter of Intent deadline
 - **5/22/09 – Cayuse proposal due to SPO to ensure timely submission to Grants.gov**
 - 5/27/09 – Proposal must be in Grants.gov

NIH – Facilities Improvement Awards (C06 and G20)

- University may submit only a limited number of these proposals
- OSU already has a list of facilities priorities (“shovel ready”) for Research Facilities Program (C06); proposals to be submitted will be selected from that list
- Process to be determined for applicants for the Core Facility Renovation Program (G20)

NIH – New Faculty Recruitment to Enhance Research Resources through Biomedical Research Core Centers (P30)

- <http://grants.nih.gov/grants/guide/rfa-files/RFA-OD-09-005.html>
- Applications for these programs will be selected in consultation with Deans and College Research Officers

Other Agencies

- See agency web pages for information
- Many agencies have not yet released specific research funding solicitations
- New solicitations will be posted on <http://research.osu.edu/stimulus/> as they are released

Stimulus Funds – Reporting Requirements

- Not like anything we've done before
- Will include tracking jobs created and retained
- Quarterly expenditure reports
- Timely spending will be very important. These are “use them or lose them” funds



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