

A photograph of a woman in a red jacket walking on a path at NC State University. The scene is set outdoors with a large tree in the foreground and a building in the background. The ground is covered with fallen yellow leaves. The sky is clear and blue.

NC STATE UNIVERSITY

Office of Federal
Research Affairs
Research Retreat
2/27/09



Recovery Act Research Funding

How much money is there?

How will it be spent?

What rules will be used to award extramural research funding?

What is expected to be done by NC State with Recovery Act research funding we receive?

What do we do next?

Research And Graduate Studies

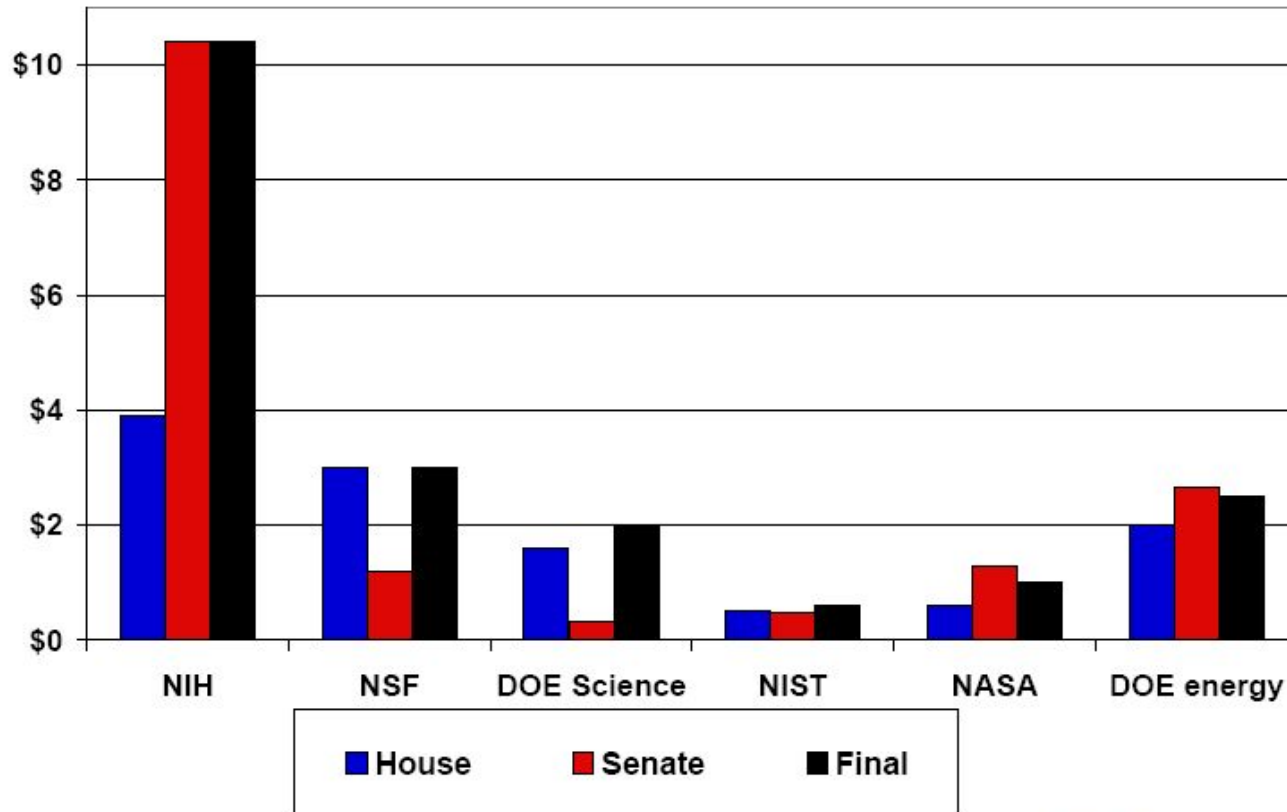
Stimulus Research Funding

How much?

- \$18.0 billion for the conduct of Research and Development
- \$3.5 billion for facilities and large research equipment (\$1.4 billion competitively awarded to mostly universities)
- There is also additional money for Non R&D science/tech programs, higher education construction and education spending related to academia

(Sources: AAAS and Recovery Act)

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).
FEB. '09 © 2009 AAAS



Stimulus Research Funding

How much?

- NSF \$3 billion
- NIH \$10.4 billion
- NIST \$600 million
- Justice Byrne Grants \$224M
- DOD Energy \$300M

Stimulus Research Funding

How much?

- DOE \$39 billion total,
 - \$1.6 billion for Office of Science
 - \$400 million for ARPA-E
 - \$11 billion for R&D, Tech and Demonstrations of Smart Grid Technologies
 - \$2.5 billion in Energy Efficiency and Renewable Energy R&D, Tech and Demo Competitively awarded to Univ, companies and national labs
 - Additional billions in funding for development of battery, electric vehicle, weatherization, nuclear, clean coal, wind and solar technologies

Stimulus Funding

Other Accounts

- Rural Broadband \$7.2 billion
- NASA \$1 billion
- NOAA \$600 million for facilities, forecasting, climate modeling
- Economic Development Assistance \$150M
- Clean Water Fund \$4 billion
- Drinking Water Fund \$2 billion
- Rural Waste Disposal \$1.38 billion
- Army Corps of Engineers \$4.6 billion

Stimulus Research Funding How?

- Funds can be obligate until Sept. 30, 2010 but there is strong political and Administration pressure to select projects and obligate funds quickly.
- Heavy Agency Accountability/reporting measures may counter the spend fast/now pressures
- Agencies can use their own processes (supplements, increase award size, fund more highly rated submissions) to award funding. Can “reach back” to fund denied awards.

Research And Graduate Studies

Stimulus Research Funding Rules?

- Funds are FY 2009 funds, but can be obligated through Sept. 30th, 2010
 - Funds are highly accountable and transparent
 - Reporting requirements are strict both to OMB and to agencies that obligate funds.
- Recovery.gov

Stimulus Research Funding

What is Expected of Us?

- NSF, DOE, NIH or NIST funding is likely to come with a higher level of reporting requirements and stricter expectation of accountability
- Research funds from the Recovery Act will likely have explicit or implicit expectations that they will be spent by the campus at a faster pace than usual.

Stimulus Research Funding Other Thoughts?

- Agencies maybe hesitant to fund multi-year commitments (5 year centers) or could obligate all funding at once.
- NIH and NSF may be reluctant to fund proposals received before beginning of FY 2009 (Oct. 08).
- DOE will have enormous challenges in spending \$39 billion well/quickly and challenges processing competitive grant solicitations

FY 2009 Omnibus

- Final FY 2009 Agency Spending Bill that includes 9 regular appropriations bills is on a fast-track to President's desk.
- House passed 245 to 178 last night (2/25/09)
 - 16 Republicans supported the bill, 20 Democrats opposed
- Senate expected to pass it by end of week

FY 2009 Omnibus Bill

Agency	FY 2008	FY 2009	% Change
NIH	\$29362	\$30300	+3.2
DoD	\$1634	\$1842	+12.7
NSF	\$6065	\$6490	+7.0
DOE Science	\$4018	\$4773	+18.8
NEH	145	160	+7.1

Research And Graduate Studies

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Research And Graduate Studies

Additional Omnibus Information Agriculture

Program	FY 2008	FY 2009	Change
USDA Hatch	197,192	207,106	5%
Mac-Stennis	24,996	27,535	10.1%
AFRI	192,229	201,504	4.8%
Special Grants	92,422	84,499	-8.57%
Smith-Lever	\$276,596	288,548	+4.32%

Research And Graduate Studies

Looking Back Last Year 2/2008

FY 2008 Federal Research Funding

NSF +0.4%,

NIH +0.9%,

DOD -5.7%,

USDA +1.2%,

DOE 6.1%, (DOE Science +1.1%),

NOAA +7%

OVERALL 1% growth

Questions, Concerns, Suggestions?