



SUNY Federal Relations Update Tuesday, May 12, 2009

FY 2010 Budget Update #3

Last week, I shared with you budget information concerning the **US Department of Education** and the **US Department of Energy**. Below is additional information about the other federal research budgets of interest to colleges and universities. The White House Office of Science and Technology Policy (OSTP) has posted documents related to these proposed investments in science and research, including those addressing cross-agency priorities, at the following web address:
<http://www.ostp.gov/galleries/budget/FY2010RD.pdf>.

The FY10 science agency budgets make reference the President's stated commitment to bolster cancer research funding at the National Institutes of Health (NIH) and to double funding over 10 years (2006-2016) for what it terms "three basic research agencies." These are: the National Science Foundation, the Department of Energy Office of Science, and the National Institute of Standards and Technology laboratories.

It is also important to remember that the Administration and Congress earlier this year provided some \$20 billion for research through the American Recovery and Reinvestment Act (ARRA), including \$3 billion for NSF, \$1 billion for NASA, and \$2 billion for the DOE Office of Science, and \$10.4 billion for NIH.

Below you will find basic information on budgets for the following federal research agencies:

- **NIH**
- **NSF**
- **DOD**
- **NASA**
- **NEH**
- **DHS**
- **USDA**
- **NIST**

National Institutes of Health (NIH): The FY10 budget requests \$30.996 billion for the National Institutes of Health (NIH), an increase of \$443 million, or 1.45 percent, above the FY09 comparable level. (These figures do not include the \$10.4 billion the agency received in ARRA funds.) The budget plan would increase spending on cancer research across NIH by \$6 billion. This \$268-million dollar increase is intended as the down payment on a doubling of cancer research funding at NIH over eight years.

National Science Foundation (NSF): The preliminary budget documents available today for NSF call for an overall increase of 8.55% over the FY2009 appropriations level, from \$6.49 billion (which does not include ARRA funding) to \$7.045 billion. Within that total, the Research & Related Activities (R&RA) account request is \$5.853 billion, the Major Research Equipment and Facilities Construction (MREFC) account request is \$117 million, and the Education and Human Resources (EHR) request is \$973 million. New research program directions for FY2010 have yet to be released, but NSF has announced a proposal to increase graduate research fellowships from approximately 1200 to 1600.

Department of Defense (DOD): The Department of Defense (DOD) proposes to spend \$11.65 billion on Defense S&T in FY10, an increase of \$174.2 million, or 1.5 percent, above the previous Administration's FY09 request. Defense S&T consists of budget categories 6.1 basic research, 6.2 applied research, and 6.3 advanced technology development. (With these figures, DOD continues its annual practice of eliminating nearly all congressionally designated S&T add-ons and earmarks contained in the previous year's funding bill. Thus, the most useful comparison is with the previous year's request, rather than the FY09 enacted level.)

Within the S&T total, 6.1 basic research would be funded at \$1.8 billion, an increase of nearly \$100 million, or 5.9 percent. In contrast, funding for 6.2 applied research would remain constant at about \$4.2 billion; and funding for 6.3 advanced technology would rise by about \$73 million, or 1.3 percent, to \$5.61 billion.

Additional DOD budget-related documents are available at the following link:
<http://www.defenselink.mil/comptroller/Budget2010.html>.

NASA: The space agency budget would rise to \$18.6 billion in FY10, an increase of \$904 million, or 5.1 percent, above the FY09 enacted level. Much of the increase would be devoted to the Exploration Mission Directorate, which would receive a 13-percent increase, to \$3.9 billion. By contrast, the FY10 proposal would slightly reduce funding for the Science Mission Directorate—down by \$26 million to \$4.4 billion—and provide a modest increase of \$7 million for the Aeronautics Mission Directorate, which would receive \$507 million. These totals do not reflect the \$1 billion NASA received in ARRA funds, which include an additional \$400 million for NASA Science and \$150 million for Aeronautics, to be spent over FY09 and FY10.

National Endowment for the Humanities (NEH): The Obama budget seeks \$171.3 million for the NEH, which represents an increase of \$16.3 million over the FY2009 appropriated levels. This sum includes \$10 million to run the National Capital Arts and Cultural Affairs, currently administered by U. S. Commission of Fine Arts. Additional information about the NEH budget request is available at the following URL: <http://www.neh.gov/news/archive/20090507.html>. Within the budget total, funding for the core research, education, preservation and access, and public programs would increase to \$61.8 million, an increase of \$2.3 million, or four percent. Support for the Federal/State Partnership Program would grow to \$38.5 million, an increase of \$3.5 million, or 10 percent.

Department of Homeland Security (DHS): President Obama's budget for university-based research at DHS is \$46 million for FY 10, this would be a \$4 million decrease from the monies appropriated for the program in FY 09. DHS budget documents are available at: dhs.gov/xabout/budget/.

Department of Agriculture (USDA): The first Obama USDA budget would fund research and education activities at the agency at \$622.9 million, a decrease of approximately \$68.2 million, primarily as a result of reductions in "special grants" (i.e. earmarks). Extension activities would see an increase of nearly \$13 million to \$487.0 million while integrated activities as a whole would be level-funded at \$56.9 million. The budget would create a new "Improved Rural Quality of Life Grants" program. The following links may provide additional details about the USDA budget: <http://www.whitehouse.gov/omb/budget/fy2010/assets/agr.pdf>, http://www.csrees.usda.gov/about/offices/budget/fy10_budget_table.pdf.

National Institute of Standards and Technology (NIST):

NIST Hollings Manufacturing Extension Partnership (MEP) Program: The budget for NIST seeks \$124.7 million for the MEP program, an increase of \$13.7 million, or 12.4 percent. The \$124.7 million requested for MEP in FY2010 is designed to expand technology and business resources to help strengthen manufacturers' competitiveness in the global market, as well as support activities concerning energy efficient manufacturing practices.

NIST Technology Innovation Program (TIP): TIP is slated to receive \$69.9 million in the proposed budget, an increase of \$4.9 million, or 7.5 percent. The program will continue its focus on supporting development of cutting-edge technologies to address societal challenges. TIP support for collaborative high-risk, high-reward technology development projects aims to attract a critical mass of talent in industry, academia, and government to address important national challenges that can be addressed through advances in technology.