

Unofficial
Impact Estimate of FY 2008 NSF Budget on Programs:

- NSF expected to fund 7,435 research grants and increase the average award size in FY 2008.

With the final FY 2008 appropriations the NSF will be able to fund at most 6,435 grants and average award size may fall.

- The NSF Graduate Fellowship Program provides students with three years of support for research focused master's and PhD degrees in science, technology, engineering, and mathematics.

The number of Graduate Fellowships awarded will likely drop by 230 compared to FY 2007.

- The Faculty Early Career Awards is a program to support early career-development activities of those teacher-scholars who most effectively integrate research and education within the context of the mission of their organization.

A five percent drop in the number of awards is likely.

- Science of Science and Innovation Policy is a new program with these goals: to understand the contexts, structures, and processes of S&E research, to evaluate reliably the tangible and intangible returns from investments in research and development, and to predict the likely returns from future R&D investments within tolerable margins of error and with attention to the full spectrum of potential consequences.

This new program, planned to begin in FY 2008, will in all likelihood be delayed.

- The Robert Noyce Teacher Scholarship program seeks to encourage talented science, technology, engineering, and mathematics majors and professionals to become K-12 mathematics and science teachers. The program provides funds to institutions of higher education to support scholarships, stipends, and programs for students who commit to teaching in high-need K-12 school districts.

This program was slated to go from \$10 million in FY 2007 to \$40 million in FY 2008. Most likely the Noyce program will remain at \$10 million in FY 2008.

- National Ecological Observatory Network (NEON) was slated to be funded through the Major Research Equipment and Facilities Construction (MREFC) program in FY 2008.

Funding for NEON will likely be delayed.

- Ocean Observatories Initiative (OII) is another project slated to receive funding through the MREFC account. OII is a project to construct an integrated observatory network that will provide the oceanographic research and education communities with a new mode of access to the ocean.

This project will likely be delayed.

- Research Experiences for Undergraduates (REU), a program that supports active research participation by undergraduate students in any of the areas of research funded by the NSF.

Could receive up to a five percent cut compared to FY 2007.

- Program to better prepare middle school math teachers. An NSF study has found that middle school math teachers are not as well prepared to teach mathematics as are many of their counterparts in other countries.

Will likely see reductions.

- The Science of Learning Centers program offers awards for large-scale, long-term centers that create the intellectual, organizational and physical infrastructure needed for the long-term advancement of science of learning research.

This program will likely face a delay and possible reduction.