

RESEARCH AND RELATED ACTIVITIES

\$5,733,240,000
+\$550.14 / 10.6%

The FY 2010 Budget Request for the Research and Related Activities (R&RA) Appropriation is \$5,733.24 million, an increase of \$550.14 million, or 10.6 percent, above the FY 2009 Current Plan of \$5,183.10 million. Support from the R&RA Appropriation enables U.S. leadership and progress across the frontiers of scientific and engineering research and education.

Sustained, targeted investment by NSF in fundamental science and engineering advances discovery and learning and spurs innovation. Such transformational work holds great promise for meeting the myriad social, economic, and environmental challenges faced by both the Nation and the world.

In FY 2010, funding within the broad and flexible R&RA portfolio underscores the President's priorities for science and innovation with a focus on high-risk, potentially transformative research; new faculty and young investigator support; graduate research fellowships; and support for research priorities in global climate change.

Research and Related Activities Funding (Dollars in Millions)

	FY 2008 Actual	FY 2009 Current Plan	FY 2009 ARRA Estimate	FY 2010 Request	Change over FY 2009 Plan	
					Amount	Percent
Biological Sciences ¹	\$615.62	\$655.81	260.00	\$733.00	\$77.19	11.8%
Computer & Information Science & Engineering ¹	535.26	573.74	235.00	633.00	59.26	10.3%
Engineering ¹	649.49	693.34	265.00	764.52	71.18	10.3%
Geosciences	757.87	807.13	347.00	909.00	101.87	12.6%
Mathematical & Physical Sciences	1,171.13	1,255.96	490.00	1,380.00	124.04	9.9%
Social, Behavioral & Economic Sciences ¹	227.87	240.30	85.00	257.00	16.70	6.9%
Office of Cyberinfrastructure	185.15	199.28	80.00	219.00	19.72	9.9%
Office of International Science & Engineering ²	47.77	44.03	14.00	49.00	4.97	11.3%
Office of Polar Programs	447.13	470.67	174.00	516.00	45.33	9.6%
Integrative Activities	214.48	241.34	550.00	271.12	29.78	12.3%
U.S. Arctic Research Commission	1.47	1.50	-	1.60	0.10	6.7%
Total, Research & Related Activities	\$4,853.24	\$5,183.10	\$2,500.00	\$5,733.24	\$550.14	10.6%

Totals may not add due to rounding.

¹ In FY 2010, Science of Learning Centers (SLC) funding is transferred from the Office of Integrative Activities to BIO, CISE, ENG, and SBE. SLC funding is shown in these directorates for all years for comparability.

² OISE FY 2008 Actual includes \$5.46 million provided to NSF by the U.S. Department of State for an award to the U.S. Civilian Research and Development Foundation. The transfer occurred in FY 2007 and funds were obligated in FY 2008.

RESEARCH AND RELATED ACTIVITIES

Appropriation Language

For necessary expenses in carrying out the National Science Foundation Act of 1950, as amended (42 U.S.C. 1861-1875), and the Act to establish a National Medal of Science (42 U.S.C. 1880-1881); services as authorized by 5 U.S.C. 3109; maintenance and operation of aircraft and purchase of flight services for research support; acquisition of aircraft; and authorized travel; ~~\$5,183,100,000~~\$5,733,240,000, to remain available until September 30, ~~2010,2011~~, of which not to exceed ~~\$540,000,000~~\$570,000,000 shall remain available until expended for polar research and operations support, and for reimbursement to other Federal agencies for operational and science support and logistical and other related activities for the United States Antarctic program: *Provided* That, from funds specified in the fiscal year ~~2009~~2010 budget request for icebreaking services, up to \$54,000,000 shall be available for the procurement of polar icebreaking services: *Provided further*, That the National Science Foundation shall only reimburse the Coast Guard for such sums as are agreed to according to the existing memorandum of agreement: *Provided further*, That receipts for scientific support services and materials furnished by the National Research Centers and other National Science Foundation supported research facilities may be credited to this appropriation: ~~*Provided further*, That not less than \$133,000,000 shall be available for activities authorized by section 7002(b)(2)(A)(iv) of Public Law 110-69.~~

**Research and Related Activities
FY 2010 Summary Statement
(Dollars in Millions)**

	Enacted/ Request	Supplemental	Carryover/ Recoveries	Transfers ¹	Rescission	Expired	Total Resources	Obligations Total Incurred/ Est.
FY 2008 Approp.	\$4,821.47	\$22.50	\$29.67	-\$2.24	-\$17.17	-0.42	\$4,853.81	\$4,853.25
FY 2009 Current Plan (CP)	5,183.10	-	0.56	-	-	-	5,183.66	5,183.66
FY 2009 ARRA	2,500.00	-	-	-	-	-	2,500.00	2,500.00
FY 2010 Request	5,733.24	-	-	-	-	-	5,733.24	5,733.24
\$ Change from FY 2009 CP								\$549.58
% Change from FY 2009 CP								10.6%

Totals may not add due to rounding.

¹Transferred to the Office of Science Technology Policy (OSTP) for the Science and Technology Policy Institute (STPI).

Explanation of Carryover

Within the **Research and Related Activities (R&RA)** appropriation, \$556,677 was carried forward into FY 2009. This amount is from several awards/contracts from various programs that were not ready for obligation in FY 2008.

**RESEARCH AND RELATED ACTIVITIES
FY 2010 Performance Highlights**

The table below shows the strategic planning and evaluation framework for activities funded through the R&RA appropriation. This framework was established in the NSF Strategic Plan for FY 2006-2011. NSF's strategic outcome goals are assessed annually by the Advisory Committee for GPRA Performance Assessment. Additional details are available in the Performance Information section of this document.

**Research and Related Activities
By Strategic Outcome Goal**
(Dollars in Millions)

	FY 2008	FY 2009	FY 2009	FY 2010	Change over	
	Actuals	Current Plan	ARRA Estimate	Request	FY 2009 Plan Amount	FY 2009 Plan Percent
Discovery	\$3,126.65	\$3,330.95	\$1,597.32	\$3,755.16	\$424.21	12.7%
Learning	269.20	259.60	161.78	314.00	54.40	21.0%
Research Infrastructure	1,401.24	1,505.03	740.90	1,567.87	62.84	4.2%
Stewardship	56.15	87.52	-	96.21	8.69	9.9%
Total, NSF	\$4,853.24	\$5,183.10	\$2,500.00	\$5,733.24	\$550.14	10.6%

Totals may not add due to rounding.

