

RESEARCH AND RELATED ACTIVITIES (R&RA)**\$6,150,680,000**
+\$144,170,000 / 2.4%

The FY 2019 Budget Request for the Research and Related Activities (R&RA) account is \$6,150.68 million. Funding within the R&RA Appropriation invests in early-stage research as well as development of a future-focused science and engineering workforce that can support the private sector and accelerate progress in basic science and engineering research.

NSF is the only federal agency dedicated to funding basic research across all areas of science and engineering. In FY 2019, NSF will continue its longstanding commitment to investing in learning and discovery that will promote the innovations that will be the foundation for the Nation's future prosperity.

R&RA Funding
(Dollars in Millions)

	FY 2018		FY 2019 Request	Change over	
	FY 2017 Actual	Annualized CR		FY 2017 Actual	Percent
Biological Sciences	\$742.22	-	\$738.16	-\$4.06	-0.5%
Computer & Information Science and Engineering	935.93	-	925.42	-10.51	-1.1%
Engineering	930.92	-	921.43	-9.49	-1.0%
Geosciences	825.62	-	852.98	27.36	3.3%
Mathematical & Physical Sciences	1,362.43	-	1,345.32	-17.11	-1.3%
Social, Behavioral & Economic Sciences	270.89	-	246.19	-24.70	-9.1%
Office of International Science and Engineering	48.96	-	48.50	-0.46	-0.9%
Office of Polar Programs	467.85	-	534.54	66.69	14.3%
Integrative Activities	420.27	-	536.72	116.45	27.7%
U.S. Arctic Research Commission	1.43	-	1.42	-0.01	-0.7%
Total, R&RA	\$6,006.51	\$5,992.67	\$6,150.68	\$144.17	2.4%

Appropriations Language

For necessary expenses in carrying out the National Science Foundation Act of 1950 (42 U.S.C. 1861 et seq.), and Public Law 86–209 (42 U.S.C. 1880 et seq.); services as authorized by section 3109 of title 5, United States Code; maintenance and operation of aircraft and purchase of flight services for research support; acquisition of aircraft; and authorized travel; ~~\$5,361,650,000~~, ~~\$6,150,680,000~~, to remain available until September 30, ~~2019~~, ~~2020~~, of which not to exceed ~~\$500,000,000~~, ~~\$500,000,000~~ 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 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.

Note.—A full-year 2018 appropriation for this account was not enacted at the time the budget was prepared; therefore, the budget assumes this account is operating under the Continuing Appropriations Act, 2018 (Division D of P.L. 115–56, as amended). The amounts included for 2018 reflect the annualized level provided by the continuing resolution.

Research and Related Activities

**Research and Related Activities
FY 2019 Summary Statement**
(Dollars in Millions)

	Enacted/ Request	Unobligated Balance Available Start of Year	Unobligated Balance Available End of Year	Adjustments to Prior Year Accounts	Transfers	Obligations Actual/ Estimates
FY 2017 Appropriation	\$6,033.65	\$11.93	-\$33.33	\$22.26	-\$28.00	\$6,006.51
FY 2018 Annualized CR	5,992.67	33.33				6,026.00
FY 2019 Request	6,150.68					6,150.68
\$ Change from FY 2018 Annualized CR						\$124.68
% Change from FY 2018 Annualized CR						2.1%

Explanation of Carryover

Within the Research and Related Activities (R&RA) account, \$33.88 million (including \$554,458 in reimbursable funds) was carried over into FY 2018.

Directorate for Geosciences Polar Programs (no-year funding)

- Amount: \$4.10 million
- Reason: Recoveries from prior year obligations that were received too late in the fiscal year to obligate.
- Obligation: Anticipated FY 2018 Quarter 4

Integrative Activities (IA)

- Amount: \$770,880
- Reason: Funds to support Proposal Management Efficiencies contracts that were not ready for obligation in FY 2017.
- Obligation: Anticipated FY 2018 Quarter 2

IA for HBCU Excellence in Research Program

- Amount: \$10.0 million
- Reason: These carryover funds will be used for awards that were not ready for obligation in FY 2017.
- Obligation: Anticipated FY 2018 Quarter 2

IA for Hispanic Serving Institution Program

- Amount: \$15.0 million
- Reason: These carryover funds will be used for awards that were not ready for obligation in FY 2017.
- Obligation: Anticipated FY 2018 Quarter 2

National Coordination Office for Networking and Information Technology Research and Development

- Amount: \$749,261
- Reason: Operational funds are needed to continue government procurements and operations.
- Obligation: Anticipated FY 2018 Quarter 2

National Nanotechnology Coordination Office (NNCO)

- Amount: \$349,974
- Reason: NNCO's carryover will be used to fund the required Quadrennial Review of the National Nanotechnology Initiative. In addition, funds carried over will be used to cover rent in NNCO's new location.
- Obligation: Anticipated FY 2018 Quarter 2

The remaining R&RA carryover of \$2.36 million consists of funds from throughout the Foundation for selected projects that were not ready for obligation in FY 2017.

