

National Science Foundation

The National Science Foundation released its FY 2019 Budget on February 28 after its last second reset following the raising of the domestic spending caps. As reported earlier by the agency, NSF will remain flat overall with the FY 2017 enacted level of \$7.47 billion. Please see the chart below for account level details.

NSF, within a static budget, will ramp up their focus of its **“10 Big Ideas for Future Investments”**, through its “Big Ideas Stewardship Funding Model.” The six research-focused Big Ideas: Harnessing the Data Revolution (HDR); The Future of Work at the Human Technology Frontier (FW-HTF); Windows on the Universe (WoU): The Era of Multi-messenger Astrophysics; The Quantum Leap (QL): Leading the Next Quantum Revolution; Understanding the Rules of Life (URoL): and Predicting Phenotype; and Navigating the New Arctic (NNA) will receive \$30 million each, for a total of \$180 million.

In addition, NSF looks to invest \$60 million in two “Convergence Accelerators” – a new agency-wide effort to “support the most innovative science, pursuant to the HDR and FW-HTF Big Ideas.”

Of particular note is the sizable reduction (\$24.7 million, or 11.2%) that the Social, Behavioral, and Economic Sciences Directorate programs will receive.

Additional highlights:

- **The Antarctic Infrastructure Modernization for Science (AIMS)** construction project would receive \$103.7 million under the Research and Related Accounts, and will not be placed in the Major Research Equipment & Facilities Construction account. AIMS is expected to cost \$355 million.
- **NSF will again request two Regional Class Research Vessels** setting the stage for a showdown with the Senate who has insisted on three ships.
- **Mid-Scale Research Infrastructure** would receive its own budget line in Integrated Activities (IA) and would be funded at \$60 million.

Additional FY19 NSF Budget Request details can be found at the links below:

[Press Release](#)

[Request Details/Table of Contents](#)

**NATIONAL SCIENCE FOUNDATION
FY 2019 BUDGET REQUEST TO CONGRESS**

(Dollars in Millions)

NSF by Account	FY 2017 Actual	FY 2018 Annualized CR	FY 2019 Request	FY 2019 Request change over FY 2017 Actual	
				Amount	Percent
BIO	\$742.22	-	\$738.16	-\$4.06	-0.5%
CISE	935.93	-	925.42	-10.51	-1.1%
ENG	930.92	-	921.43	-9.49	-1.0%
<i>Eng Programs</i>	731.87	-	722.86	-9.01	-1.2%
<i>SBIR/STTR</i>	199.05	-	198.57	-0.48	-0.2%
GEO	825.62	-	852.98	27.36	3.3%
MPS	1,362.43	-	1,345.32	-17.11	-1.3%
SBE	270.89	-	246.19	-24.70	-9.1%
<i>SBE Programs</i>	219.70	-	195.00	-24.70	-11.2%
<i>NCSES</i>	51.19	-	51.19	-	-
OISE	48.96	-	48.50	-0.46	-0.9%
OPP	467.85	-	534.54	66.69	14.3%
IA	420.27	-	536.72	116.45	27.7%
U.S. Arctic Research Commission	1.43	-	1.42	-0.01	-0.7%
Research & Related Activities	\$6,006.51	\$5,992.67	\$6,150.68	\$144.17	2.4%
Education & Human Resources	\$873.37	\$874.02	\$873.37	-	-
Major Research Equipment & Facilities Construction	\$222.78	\$207.58	\$94.65	-\$128.13	-57.5%
Agency Operations & Award Management	\$382.06	\$327.76	\$333.63	-\$48.43	-12.7%
National Science Board	\$4.27	\$4.34	\$4.32	\$0.05	1.2%
Office of Inspector General	\$15.10	\$15.10	\$15.35	\$0.25	1.6%
Total, NSF	\$7,504.10	\$7,421.47	\$7,472.00	-\$32.10	-0.4%