

Summary Tables

**National Science Foundation
FY 2014 STEM Education Programs by Level of Education**

(Dollars in Millions)

		FY 2012 Actual	FY 2012 Enacted/ Annualized FY 2013 CR	FY 2014 Request	Change Over FY 2012 Enacted	
					Amount	Percent
	Minority-Serving Institutions	\$45.24	\$45.25	\$45.25	-	-
UG	Historically-Black Colleges and Universities Undergraduate Program (HBCU-UP)	31.85	31.94	31.94	-	-
UG	Tribal Colleges and Universities Program (TCUP)	13.39	13.31	13.31	-	-
	Fellowships/Scholarships	\$478.28	\$473.97	\$555.00	\$81.03	17.1%
G	East Asia & Pacific Summer Institutes for U.S. Graduate Students (EAPSI)	1.58	2.40	2.40	-	-
G	Enhancing the Mathematical Sciences Workforce in the 21st Century (EMSW21)	12.97	11.77	11.50	-0.27	-2.3%
G	CyberCorps: Scholarship for Service (SFS)	44.98	45.00	25.00	-20.00	-44.4%
G	National Graduate Research Fellowship (NGRF)	197.93	198.14	325.14	127.00	64.1%
G	Graduate Teaching Fellows in K-12 Education (GK-12) ³	27.93	26.95	-	-26.95	-100.0%
G	NSF Research Traineeships (NRT) ¹	65.43	59.82	55.07	-4.75	-7.9%
UG	NSF Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM)	72.57	75.00	75.00	-	-
UG	Robert Noyce Scholarship (Noyce) Program	54.89	54.89	60.89	6.00	10.9%
	Other Grant Programs	\$640.67	\$634.48	\$642.53	\$8.05	1.3%
UG	Advanced Technological Education (ATE)	64.07	64.00	64.00	-	-
G	Alliances for Graduate Education and the Professoriate (AGEP)	7.84	7.84	7.84	-	-
UG	Catalyzing Advances in Undergraduate STEM Education (CAUSE) ²	-	-	123.08	123.08	N/A
	<i>Climate Change Education (CCE)</i>	<i>16.02</i>	<i>10.00</i>	-	<i>-10.00</i>	<i>-100.0%</i>
	<i>Engineering Education (EE)</i>	<i>11.88</i>	<i>11.10</i>	-	<i>-11.10</i>	<i>-100.0%</i>
	<i>Geoscience Education</i>	<i>1.54</i>	<i>1.50</i>	-	<i>-1.50</i>	<i>-100.0%</i>
	<i>Nanotechnology Undergraduate Education in Engineering (NUE)</i>	<i>1.88</i>	<i>1.50</i>	-	<i>-1.50</i>	<i>-100.0%</i>
	<i>Opportunities for Enhancing Diversity in the Geosciences (OEDG)</i>	<i>8.02</i>	<i>3.60</i>	-	<i>-3.60</i>	<i>-100.0%</i>
	<i>Science, Technology, Engineering, and Mathematics Talent Expansion Program (STEP)</i>	<i>25.30</i>	<i>25.30</i>	-	<i>-25.30</i>	<i>-100.0%</i>
	<i>Transforming Undergraduate Biology Education (TUBE)</i>	<i>2.90</i>	<i>13.00</i>	-	<i>-13.00</i>	<i>-100.0%</i>
	<i>Transforming Undergrad Education in STEM (TUES)</i>	<i>39.06</i>	<i>39.46</i>	-	<i>-39.46</i>	<i>-100.0%</i>
	<i>Widening Implementation and Demonstration of Evidence-based Reforms (WIDER)</i>	<i>8.21</i>	<i>8.00</i>	-	<i>-8.00</i>	<i>-100.0%</i>
O&I	Centers for Ocean Sciences Education Excellence (COSEE) ³	4.23	4.24	0.87	-3.37	-79.5%
UG	Cyberinfrastructure Training, Education, Advancement & Mentoring (CI-TEAM) ³	2.63	4.00	-	-4.00	-100.0%
K-12	Discovery Research K-12 (DR-K12)	99.57	99.23	102.53	3.30	3.3%
O&I	Excellence Awards in Science and Engineering (EASE)	5.14	5.15	4.82	-0.33	-6.4%
K-12	Geoscience Teacher Training (GEO-Teach) ³	1.98	2.00	-	-2.00	-100.0%
K-12	Global Learning and Observations to Benefit the Environment (GLOBE) ³	0.87	1.10	-	-1.10	-100.0%
O&I	Advancing Informal STEM Learning (AISL)	62.43	61.40	47.82	-13.58	-22.1%
K-12	Innovative Technology Experiences for Students and Teachers (ITEST)	21.59	25.00	25.00	-	-
UG	International Research Experiences for Students (IRES)	0.01	3.15	2.25	-0.90	-28.6%
UG	Louis Stokes Alliances for Minority Participation (LSAMP)	45.48	45.62	45.62	-	-
K-12	Research Experiences for Teachers (RET) in Engineering and Computer Science	6.09	5.50	5.50	-	-
UG	Research Experiences for Undergraduates (REU) - Sites and Supplements	79.55	65.99	79.18	13.19	20.0%
K-12	Research on Education and Learning (REAL)	54.16	54.72	60.44	5.72	10.5%
K-12	Science, Technology, Engineering, Mathematics, including Computing Partnerships (STEM-C Partnerships) ⁴	70.22	72.08	73.58	1.50	2.1%
	<i>Computing Education for the 21st Century (CE21)</i>	<i>13.15</i>	<i>15.00</i>	-		
	<i>Math and Science Partnership (MSP)</i>	<i>57.07</i>	<i>57.08</i>	-		
	Subtotal, Above Categories	\$1,164.19	\$1,153.70	\$1,242.78	\$89.08	7.7%

FY 2014 NSF Budget Request to Congress

G	NSF Postdoctoral Programs	\$29.97	\$21.72	\$26.22	\$4.50	20.7%
	<i>BIO Postdoctoral Research Fellowships in Biology</i>	8.12	3.80	7.80	4.00	105.3%
	<i>GEO Postdoctoral Fellowships Programs</i>	5.42	3.09	3.82	0.73	23.6%
	<i>MPS Astronomy and Astrophysics Postdoctoral Fellowships</i>	2.19	2.40	2.20	-0.20	-8.3%
	<i>MPS Math Sciences Postdoctoral Research Fellowships</i>	6.45	3.93	4.10	0.17	4.3%
	<i>SBE Postdoctoral Research Fellowships-Broadening Participation</i> <i>[formerly SBE Minority Postdoctoral Fellowship]</i>	0.99	1.00	1.50	0.50	50.0%
	<i>SBE Postdoctoral Research Fellowships-Interdisc. Rsrch in Behav. & Soc. Sci.</i> ¹	-	-	1.50	1.50	N/A
	<i>CISE Cyberinfrastructure Postdoctoral Fellowship (CI TRaCS)</i>	1.49	2.00	1.70	-0.30	-15.0%
	<i>IIA International Research Fellowship program</i>	4.56	4.50	3.60	-0.90	-20.0%
	<i>GEO Polar Postdoctoral Fellowships</i> ⁵	0.75	1.00	-	-1.00	-100.0%
K-12 STEM Education Programs (K-12) Subtotal		\$254.48	\$259.63	\$267.05	\$7.42	2.9%
Undergraduate STEM Education Programs (UG) Subtotal		\$479.25	\$471.36	\$495.27	\$23.91	5.1%
Graduate STEM Education Programs (G) Subtotal		\$388.63	\$373.64	\$453.17	\$79.53	21.3%
Outreach & Informal Education STEM Education Programs (O&I) Subtotal		\$71.80	\$70.79	\$53.51	-\$17.28	-24.4%
TOTAL, NSF STEM Education		\$1,194.16	\$1,175.42	\$1,269.00	\$93.58	8.0%

Totals may not add due to rounding.

¹ NSF Research Traineeships (NRT) and SBE Postdoctoral Research Fellowships-Interdisciplinary Research in Behavioral & Social Sciences (SPRF-IBSS) are new programs proposed for FY 2014. Funding for NRT includes continuing grant increments for the Integrative Graduate Education Research Traineeship (IGERT) program.

² Catalyzing Advances in Undergraduate STEM Education (CAUSE) is a new program proposed for FY 2014. It is created by consolidating Climate Change Education (CCE); Engineering Education (EE); Geoscience Education; Nanotechnology Undergraduate Education in Engineering (NUE); Opportunities for Enhancing Diversity in the Geosciences (OEDG); Science, Technology, Engineering, and Mathematics Talent Expansion Program (STEP); Transforming Undergraduate Biology Education (TUBE); Transforming Undergrad Education in STEM (TUES); and Widening Implementation and Demonstration of Evidence-based Reforms (WIDER).

³ The Graduate Teaching Fellows in K-12 Education (GK-12), Cyberinfrastructure Training, Education, Advancement & Mentoring (CI-TEAM), Geoscience Teacher Training (GEO-Teach), and Global Learning and Observations to Benefit the Environment (GLOBE) programs terminated and have no funding commitments in FY 2014. Centers for Ocean Sciences Education Excellence (COSEE) terminates in FY 2014 and funding is for continuing grant increments only.

⁴ In FY 2014 Computing Education for the 21st Century (CE21) and Math Science Partnership (MSP) are merged into Science, Technology, Engineering, Mathematics, including Computing Partnerships (STEM-C Partnerships). Prior year funding is combined for comparability.

⁵ Polar Postdocs will be competed on a biannual basis beginning in FY 2015. No competition is planned for FY 2014.