

**NATIONAL SCIENCE FOUNDATION
CoSTEM INVENTORY AND POSTDOCTORAL FELLOWSHIP PROGRAMS
BY LEVEL OF EDUCATION
FY 2021 BUDGET REQUEST TO CONGRESS**

(Dollars in Millions)

				FY 2021 Request change over FY 2019 Actual				
				Amount	Percent			
				FY 2019 Actual	FY 2020 (TBD)	FY 2021 Request		
Minority-Serving Institutions				\$50.02	-	\$43.71	-\$6.31	-12.6%
UG	Historically Black Colleges and Universities Undergraduate Program (HBCU-UP)			35.01	-	31.22	-3.79	-10.8%
UG	Tribal Colleges and Universities Program (TCUP)			15.01	-	12.49	-2.52	-16.8%
Fellowships and Scholarships				\$583.91	-	\$551.50	-\$32.41	-5.6%
UG	NSF Scholarships in STEM (S-STEM) (H-1B)			114.76	-	117.75	2.99	2.6%
UG	Robert Noyce Scholarship (Noyce) Program			75.19	-	44.47	-30.72	-40.9%
G	CyberCorps®: Scholarship for Service (SFS)			55.33	-	52.13	-3.20	-5.8%
G	Graduate Research Fellowship Program (GRFP)			284.55	-	275.28	-9.27	-3.3%
G	NSF Research Traineeship (NRT)			54.09	-	61.87	7.78	14.4%
Other Grant Programs				\$731.40	-	\$709.60	-\$21.80	-3.0%
K-12	Computer Science for All (CSforAll) ¹			[20.00]	-	18.97	-1.03	-5.2%
K-12	Discovery Research PreK-12 (DRK-12)			88.21	-	89.89	1.68	1.9%
K-12	Innovative Technology Experiences for Teachers and Students (ITEST) (H1-B)			34.24	-	39.25	5.01	14.6%
K-12	STEM + Computing (STEM+C) Partnerships ¹			64.38	-	-	-64.38	-100.0%
UG	Advanced Technological Education (ATE)			66.51	-	70.97	4.46	6.7%
UG	Emerging Frontiers in Research and Innovation (EFRI) Research Experience and Mentoring (REM)			1.17	-	0.71	-0.46	-39.3%
UG	Harnessing the Data Revolution (HDR): Data Science Corps (DSC)			7.32	-	6.00	-1.32	-18.0%
UG	IUSE: Hispanic Serving Institutions Program (HSI) Program			40.01	-	14.19	-25.82	-64.5%
UG	Improving Undergraduate STEM Education (IUSE)			101.94	-	88.21	-13.73	-13.5%
UG	International Research Experiences for Students (IRES)			12.00	-	12.25	0.25	2.1%
UG	Louis Stokes Alliances for Minority Participation (LSAMP)			46.01	-	43.53	-2.48	-5.4%
UG	Research Experiences for Undergraduates (REU) - Sites and Supplements			91.05	-	73.60	-17.45	-19.2%
UG	Research Experiences for Teachers (RET) in Engineering and Computer Science			10.85	-	5.44	-5.41	-49.9%
G	Alliances for Graduate Education and the Professoriate (AGEP)			7.99	-	7.13	-0.86	-10.8%
G	Training-based Workforce Development for Advanced Cyberinfrastructure (CyberTraining)			3.64	-	3.64	-0.00	-0.1%
O&I	Advancing Informal STEM Learning (AISL)			62.48	-	55.77	-6.71	-10.7%
O&I	Excellence Awards in Science and Engineering (EASE)			5.63	-	3.78	-1.85	-32.8%
O&I	Inclusion across the Nation of Communities of Learners of Underrepresented Discoverers in Engineering and Science (NSF INCLUDES)			20.20	-	18.92	-1.28	-6.3%
O&I	EHR Core Research (ECR) ²			67.77	-	157.35	89.58	132.2%
Subtotal, Above Categories (CoSTEM Inventory)				\$1,365.34	-	\$1,304.81	-\$60.53	-4.4%
G	NSF Postdoctoral Programs			\$25.11	-	\$18.86	-\$6.25	-24.9%
	Astronomy and Astrophysics Postdoctoral Fellowships (AAPF)			2.30	-	2.50	0.20	8.7%
	Geosciences Postdoctoral Fellowships			1.91	-	3.40	1.49	77.6%
	Mathematical Sciences Postdoctoral Research Fellowships (MSPRF)			6.15	-	4.50	-1.65	-26.8%
	Postdoctoral Research Fellowships in Biology (PRFB)			11.65	-	5.64	-6.01	-51.6%
	SPRF-Broadening Participation			1.33	-	1.41	0.08	6.3%
	SPRF-Fundamental Research			1.77	-	1.41	-0.36	-20.4%
K-12 STEM Education Programs (K-12) Subtotal				\$186.83	-	\$148.11	-\$38.72	-20.7%
Undergraduate STEM Education Programs (UG) Subtotal				\$616.83	-	\$520.83	-\$96.00	-15.6%
Graduate and Professional STEM Education Programs (G) Subtotal				\$430.71	-	\$418.91	-\$11.80	-2.7%
Outreach and Informal STEM Education Programs (O&I) Subtotal				\$156.08	-	\$235.82	\$79.74	51.1%
Total, NSF STEM Education				\$1,390.45	-	\$1,323.67	-\$66.78	-4.8%

¹ In FY 2019, CSforAll was supported as a component of STEM+C. The FY 2019 Actual is shown for comparison purposes only. In FY 2020, funding for STEM+C moves to implement CSforAll as a freestanding program and to expand EHR's computer science education portfolio through existing programs.

² ECR was not included in previous years, but recent evaluations by EHR determined that ECR does meet the CoSTEM inclusion criteria. Beginning with the FY 2021 Budget Request to Congress ECR is included.