

**NATIONAL SCIENCE FOUNDATION
EDUCATION AND HUMAN RESOURCES FUNDING BY DIVISION AND PROGRAM
FY 2020 BUDGET REQUEST TO CONGRESS**

(Dollars in Millions)

	FY 2018 Actual	FY 2019 (TBD)	FY 2020 Request	FY 2020 Request change over	
				FY 2018 Actual Amount	Percent
Division of Research on Learning in Formal and Informal Settings (DRL)	\$228.22	-	\$181.72	-\$46.50	-20.4%
Learning and Learning Environments	25.63	-	27.78	2.15	8.4%
Computer Science for All (CSforAll) ¹	[10.00]	-	10.00	-	-
EHR Core Research (ECR): STEM Learning	25.63	-	17.78	-7.85	-30.6%
Broadening Participation and Institutional Capacity	150.72	-	153.94	3.22	2.1%
Advancing Informal STEM Learning (AISL)	62.13	-	58.94	-3.19	-5.1%
Discovery Research PreK-12 (DRK-12)	88.59	-	95.00	6.41	7.2%
STEM Professional Workforce	51.87	-	-	-51.87	-100.0%
Science, Technology, Engineering, and Mathematics + Computing (STEM+C) Partnerships ¹	51.87	-	-	-51.87	-100.0%
Division of Graduate Education (DGE)	\$258.34	-	\$244.06	-\$14.28	-5.5%
Learning and Learning Environments	7.57	-	-	-7.57	-100.0%
Project and Program Evaluation (PPE) ²	7.57	-	-	-7.57	-100.0%
STEM Professional Workforce	250.77	-	244.06	-6.71	-2.7%
EHR Core Research (ECR): STEM Professional Workforce Preparation	20.00	-	10.99	-9.01	-45.0%
Cybercorps®: Scholarship for Service (SFS)	55.09	-	55.09	-	-
Graduate Research Fellowship Program (GRFP)	142.58	-	128.45	-14.13	-9.9%
NSF Research Traineeship (NRT) ³	33.11	-	49.53	16.42	49.6%
Division of Human Resource Development (HRD)	\$162.66	-	\$178.30	\$15.64	9.6%
Learning and Learning Environments	58.45	-	71.74	13.29	22.7%
ADVANCE ⁴	1.53	-	18.00	16.47	1078.0%
Alliances for Graduate Education and the Professoriate (AGEP)	8.00	-	7.54	-0.46	-5.8%
Historically Black Colleges and Universities Undergraduate Program (HBCU-UP)	34.92	-	33.00	-1.92	-5.5%
Tribal Colleges and Universities Program (TCUP)	14.00	-	13.20	-0.80	-5.7%
Broadening Participation and Institutional Capacity	74.37	-	79.93	5.56	7.5%
EHR Core Research (ECR): Broadening Participation and Institutional Capacity in STEM	12.88	-	8.93	-3.95	-30.7%
IUSE: Hispanic Serving Institutions (HSI) Program ⁵	10.00	-	5.00	-5.00	-50.0%
Big Idea: NSF INCLUDES ⁶	5.47	-	20.00	14.53	265.6%
Louis Stokes Alliances for Minority Participation (LSAMP)	46.02	-	46.00	-0.02	-0.0%
STEM Professional Workforce	29.84	-	26.63	-3.21	-10.8%
Centers for Research Excellence in Science and Technology (CREST)	24.01	-	22.63	-1.38	-5.7%
Excellence Awards in Science and Engineering (EASE)	5.74	-	4.00	-1.74	-30.3%
Integrated NSF Support Promoting Interdisciplinary Res. & Education (INSPIRE)	0.09	-	-	-0.09	-100.0%

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	FY 2018 Actual	FY 2019 (TBD)	FY 2020 Request	FY 2020 Request change over FY 2018 Actual	
				Amount	Percent
Division of Undergraduate Education (DUE)	\$254.65	-	\$219.39	-\$35.26	-13.8%
Learning and Learning Environments	123.89	-	97.39	-26.50	-21.4%
EHR Core Research (ECR): STEM Learning Environments	13.10	-	9.09	-4.01	-30.6%
Improving Undergraduate STEM Education (IUSE)	90.97	-	78.30	-12.67	-13.9%
IUSE: Hispanic Serving Institutions (HSI) Program ⁵	19.82	-	10.00	-9.82	-49.6%
STEM Professional Workforce	130.75	-	122.00	-8.75	-6.7%
Advanced Technological Education (ATE)	66.05	-	75.00	8.95	13.6%
NSF Innovation Corps (I-Corps™)	0.20	-	-	-0.20	-100.0%
Robert Noyce Teacher Scholarship Program (Noyce)	64.50	-	47.00	-17.50	-27.1%
Total, EHR	\$903.87	-	\$823.47	-\$80.40	-8.9%
Total, Learning and Learning Environments	\$233.74	-	\$247.72	\$13.98	6.0%
Total, Broadening Participation and Institutional Capacity	\$229.75	-	\$199.72	-\$30.03	-13.1%
Total, STEM Professional Workforce	\$214.28	-	\$124.10	-\$90.18	-42.1%

¹ In FY 2018, CSforAll was supported as a component of STEM+C. The FY 2018 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 In FY 2020, PPE funding is zero as EHR evaluates the PPE portfolio. The primary solicitation for PPE, Promoting Research and Innovation in Methodologies for Evaluation (PRIME), will remain on hiatus in FY 2020.

³ Total FY 2018 Actual funding for NRT is \$53.85 million with \$20.74 million contributed from the R&RA account. In FY 2020, all funding for NRT resides in the EHR account. For more information on NRT, see the Major STEM Graduate Education narrative in the NSF-wide Investments chapter.

⁴ Total FY 2018 Actual funding for ADVANCE is \$18.0 million with \$16.47 million contributed from the R&RA account. In FY 2020, all funding for ADVANCE resides in the EHR account.

⁵ In FY 2017, the HSI Program was funded at \$15.0 million within the Integrative Activities budget. These funds were carried over into FY 2018, and supported awards made in FY 2018 (\$15.03 million). EHR is responsible for the management of this program.

⁶ Total FY 2018 Actual funding for NSF INCLUDES is \$17.95 million with \$12.48 million contributed from the R&RA account. In FY 2020, all funding for NSF INCLUDES resides in the EHR account. For more information, see the NSF INCLUDES narrative in the NSF-wide Investments chapter.