

National Science Foundation
CoSTEM Inventory and Postdoctoral Fellowship Programs By Level of Education
FY 2015 Request

(Dollars in Millions)

| Level of Education | Program Name | FY 2013 Actual | FY 2014 Estimate | FY 2015 Request | Change Over FY 2014 Estimate | |
|---|--|-------------------|-------------------|-------------------|------------------------------|--------------|
| | | | | | Amount | Percent |
| Minority-Serving Institutions | | \$42.69 | \$45.44 | \$45.44 | - | - |
| UG | Historically Black Colleges & Universities Undergraduate Program (HBCU-UP) | 30.30 | 31.94 | 31.94 | - | - |
| UG | Tribal Colleges & Universities Program (TCUP) | 12.39 | 13.50 | 13.50 | - | - |
| Fellowships & Scholarships | | \$521.05 | \$548.36 | \$560.62 | \$12.26 | 2.2% |
| UG | NSF Scholarships in STEM (S-STEM) (H-1B) ¹ | 83.98 | 75.00 | 75.00 | - | - |
| UG | Robert Noyce Scholarship (Noyce) Program | 51.10 | 60.89 | 60.89 | - | - |
| G | Cybercorps: Scholarships for Service (SFS) | 41.26 | 45.00 | 25.00 | -20.00 | -44.4% |
| G | East Asia & Pacific Summer Institutes for U.S. Grad Students (EAPSI) | 1.38 | 2.40 | 2.40 | - | - |
| G | Enhancing the Math Sciences Workforce in the 21st Century (EMSW21) | 10.94 | 10.00 | 5.69 | -4.31 | -43.1% |
| G | Graduate Research Fellowship (GRF) | 242.95 | 300.00 | 333.44 | 33.44 | 11.1% |
| G | Graduate STEM Fellows in K-12 Education (GK-12) | 25.41 | - | - | - | N/A |
| G | NSF Research Traineeship (NRT) ² | 64.04 | 55.07 | 58.20 | 3.13 | 5.7% |
| Other Grant Programs | | \$612.28 | \$585.51 | \$576.25 | -\$9.26 | -1.6% |
| K-12 | Discovery Research K-12 (DRK-12) | 96.70 | 92.53 | 102.53 | 10.00 | 10.8% |
| K-12 | Global Learning & Observations to Benefit the Environment (GLOBE) | 0.78 | - | - | - | N/A |
| K-12 | Innovative Technology Experiences for Teachers & Students (ITEST)(H1-B) ¹ | 31.51 | 25.00 | 25.00 | - | - |
| K-12 | Research on Education & Learning (REAL) ³ | 54.62 | 48.66 | - | -48.66 | -100.0% |
| K-12 | STEM including Computing Partnerships (STEM-C Partnerships) ⁴ | - | 69.08 | 69.08 | - | - |
| | <i>Computing Education for the 21st Century (CE21)</i> | 12.20 | - | - | - | N/A |
| | <i>Math and Science Partnership (MSP)</i> | 52.48 | - | - | - | N/A |
| UG | Advanced Technological Education (ATE) | 63.45 | 64.00 | 64.00 | - | - |
| UG | Climate Change Education (CCE) ⁵ | 3.37 | - | - | - | N/A |
| UG | Improving Undergraduate STEM Education (IUSE) ⁶ | - | 88.98 | 118.48 | 29.50 | 33.2% |
| | <i>Engineering Education (EE)</i> | 10.99 | - | - | - | N/A |
| | <i>Geoscience Education (Geo Ed)</i> | 0.02 | - | - | - | N/A |
| | <i>Nanotechnology Undergraduate Education in Engineering (NUE)</i> | 1.68 | - | - | - | N/A |
| | <i>Science, Technology, Engineering, and Mathematics Talent Expansion Program (STEP)</i> | 16.96 | - | - | - | N/A |
| | <i>Transforming Undergraduate Biology Education (TUBE)</i> | 3.89 | - | - | - | N/A |
| | <i>Transforming Undergraduate Education in STEM (TUES)</i> | 56.42 | - | - | - | N/A |
| | <i>Widening Implementation and Demonstration of Evidence-based Reforms (WIDER)</i> | 18.49 | - | - | - | N/A |
| UG | International Research Experiences for Students (IRES) | 3.09 | 2.25 | 2.25 | - | - |
| UG | Louis Stokes Alliances for Minority Participation (LSAMP) | 42.03 | 45.62 | 45.62 | - | - |
| UG | Res Exper for Undergrads (REU)-Sites & Supplements | 74.12 | 75.23 | 75.13 | -0.10 | -0.1% |
| UG | Research Experiences for Teachers (RET) in Engineering and Computer Science | 8.55 | 5.50 | 5.50 | - | - |
| G | Alliances for Graduate Education & the Professoriate (AGEP) | 7.21 | 7.84 | 7.84 | - | - |
| O&I | Advancing Informal STEM Learning (AISL) | 48.02 | 55.00 | 55.00 | - | - |
| O&I | Centers for Ocean Science Education Excellence (COSEE) | 0.99 | - | - | - | N/A |
| O&I | Excellence Awards in Science & Engineering (EASE) | 4.70 | 5.82 | 5.82 | - | - |
| Subtotal, Above Categories (CoSTEM Inventory Programs) | | \$1,176.02 | \$1,179.31 | \$1,182.31 | \$3.00 | 0.3% |

Summary Tables

| Level of Education | Program Name | FY 2013 Actual | FY 2014 Estimate | FY 2015 Request | Change Over FY 2014 Estimate | |
|--|---|-------------------|---------------------|--------------------|---------------------------------|---------------|
| | | | | | Amount | Percent |
| G | NSF Postdoctoral Programs | \$26.61 | \$24.62 | \$24.62 | - | - |
| | Astronomy & Astrophysics Postdoctoral Fellowships (AAPF) | 2.23 | 2.30 | 2.30 | - | - |
| | Cyberinfrastructure Postdoctoral Fellowship (CI TRaCS) | 0.08 | - | - | - | N/A |
| | Geosciences Postdoctoral Fellowships | 3.40 | 3.82 | 3.82 | - | - |
| | International Research Fellowship Program | 3.50 | 3.60 | 3.60 | - | - |
| | Mathematical Sciences Postdoctoral Research Fellowships (MSPRF) | 5.87 | 4.10 | 4.10 | - | - |
| | Polar Postdoctoral Fellowship Program | 0.49 | - | - | - | - |
| | Postdoctoral Research Fellowships in Biology (PRFB) | 8.56 | 7.80 | 7.80 | - | - |
| | SBE Minority Postdoctoral Fellowships | 0.44 | - | - | - | N/A |
| | SPRF-Broadening Participation | 0.59 | 1.50 | 1.50 | - | - |
| | SPRF-Interdisciplinary Research in Behavioral & Social Sciences (SPRF-IBSS) | 1.45 | 1.50 | 1.50 | - | - |
| K-12 STEM Education Programs (K-12) Subtotal | | \$248.30 | \$235.27 | \$196.61 | -\$38.66 | -16.4% |
| Undergraduate STEM Education Programs (UG) Subtotal | | \$480.82 | \$462.91 | \$492.31 | \$29.40 | 6.4% |
| Graduate and Professional STEM Education Programs (G) Subtotal | | \$419.78 | \$444.93 | \$457.19 | \$12.26 | 2.8% |
| Outreach and/or Informal STEM Education Programs (O&I) Subtotal | | \$53.72 | \$60.82 | \$60.82 | - | - |
| Total, NSF STEM Education | | \$1,202.62 | \$1,203.93 | \$1,206.93 | \$3.00 | 0.2% |

Totals may not add due to rounding.

¹ S-STEM and ITEST are H1B Visa funded programs.

² The FY 2013 Actual level represents Integrative Graduate Education and Research Traineeship (IGERT) program funding. Outyear commitments for IGERT are included in the NRT line and are \$31.41 million in FY 2014 and \$20.36 million in FY 2015.

³ Beginning in FY 2015, the REAL program, along with its Research in Disabilities Education (RDE) and Research on Gender in Science and Engineering (GSE) subcomponents, is consolidated into EHR Core Research (ECR). The ECR program is not part of the CoSTEM Inventory.

⁴ CE21 and MSP were consolidated into STEM-C Partnerships in FY 2014.

⁵ In FY 2014, \$240,000 of FY 2013 CCE funding was de-obligated to meet the \$3.13 million funding limitation established for the program under the Title V: General Provisions (Including Rescissions) section of the report language accompanying the Consolidated and Further Continuing Appropriations Act, 2013 (P.L. 113-6).

⁶ EE, Geoscience Ed, NUE, STEP, TUES, TUBE, and WIDER were consolidated into IUSE in FY 2014.