

**NATIONAL SCIENCE FOUNDATION CURRENT AUTHORIZATIONS**

(Dollars in Millions)

LEGISLATION	FY 2018	FY 2019	FY 2020	Authorization Levels		
	Actual	(TBD)	Request	FY 2018	FY 2019	FY 2020
<b>National Science Foundation Act of 1950, P.L. 81-507<sup>1</sup></b>						
<i>Scholarships and Graduate Fellowships</i>				<i>within limits of funds made available for this purpose</i>		
<i>General Authority</i>				<i>within the limits of available appropriations</i>		
<i>Administering Provisions</i>				<i>to make such expenditures as may be necessary</i>		
<i>International Cooperation and Coordination with Foreign Policy</i>				<i>within the limit of appropriated funds</i>		
<i>Contract Arrangements</i>				<i>utilize appropriations available</i>		
<b>American Innovation and Competitiveness Act</b>						
<b>P.L. 114-329 (Does not authorize appropriations)</b>						
<i>The American Innovation and Competitiveness Act authorizes NSF's research and education programs. The law also promotes NSF's commitment to diversity in STEM fields, and incentivizes NSF programs which encourage private-sector involvement, while re-affirming NSF's continued commitment to entrepreneurship and commercialization.</i>						
<b>SBIR and STTR reauthorized through 2022 at current levels under the National Defense Authorization Act of Fiscal Year 2017, P.L. 114-328</b>						
<i>Small Business Innovation Research (SBIR) Program<sup>2</sup></i>	<b>\$182.39</b>	-	<b>\$166.71</b>	<i>3.2% of research funds in 2018, 2019 and 2020</i>		
<i>Small Business Technology Transfer (STTR) Program<sup>2</sup></i>	<b>\$22.59</b>	-	<b>\$23.44</b>	<i>0.45% of research funds in 2018, 2019 and 2020</i>		
<b>The Research Excellence and Advancements for Dyslexia Act (READ Act), P.L. 114-124<sup>3</sup></b>	<b>\$10.08</b>	*	*	<b>\$5.00</b>	<b>\$5.00</b>	<b>\$5.00</b>
<i>The National Science Foundation shall support multi-directorate, merit-reviewed, and competitively awarded research on the science of specific learning disability, including dyslexia, such as research on the early identification of children and students with dyslexia, professional development for teachers and administrators of students with dyslexia, curricula and educational tools needed for children with dyslexia, and implementation and scaling of successful models of dyslexia intervention.<sup>4</sup></i>						

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<b>Promoting Women in Entrepreneurship Act, P.L. 115-6</b> <b>(Does not authorize appropriations)</b>  <i>Amends the Science and Engineering Equal Opportunities Act to authorize the National Science Foundation to encourage its entrepreneurial programs to recruit and support women to extend their focus beyond the laboratory and into the commercial world.</i>				<i>(Does not authorize appropriations)</i>		
<b>National Defense Authorization Act for Fiscal Year 2018, P.L. 115-91 (Does not authorize appropriations)</b>  <i>Amends the Cyber Scholarship-for-Service program established under section 302 of the Cybersecurity Enhancement Act of 2014 (15 U.S.C. 7442 ) to implement a pilot program at community colleges to provide scholarships to eligible students who are pursuing associate degrees or specialized program certifications in the field of cybersecurity; and have bachelor's degrees; or are veterans of the Armed Forces.</i>  <i>It also amends the National Science Foundation Authorization Act of 2002 (42 U.S.C. 1862n-1(i)) to define the term 'mathematics and science teacher' and the term 'science, technology, engineering, or mathematics professional'.</i>				<i>(Does not authorize appropriations)</i>		
<b>Women in Aerospace Education Act, P.L. 115-303</b> <b>(Does not authorize appropriations)</b>  <i>Amends the National Science Foundation Authorization Act of 2002 to permit certain grants awarded by the National Science Foundation (NSF) to be used to provide internships that include research experiences at national laboratories and National Aeronautics and Space Administration (NASA) centers. NSF Master Teaching Fellows and undergraduate freshman and sophomore students studying to become mathematics and science teachers under the Robert Noyce Teacher Scholarship Program are eligible for the internships.</i>				<i>(Does not authorize appropriations)</i>		

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<b>National Earthquake Hazards Reduction Program Reauthorization Act of 2018, P.L. 115-307</b>	<b>\$65.00</b>	<b>-</b>	<b>\$54.00</b>		<i>\$54.00</i>	<i>\$54.00</i>

*Amends the Earthquake Hazards Reduction Act of 1977 to expand activities under the National Earthquake Hazards Reduction Program to include: (1) gathering information on community resilience (i.e., the ability of a community to prepare for, recover from, and adapt to earthquakes); (2) publishing a systematic set of maps of active faults and folds, liquefaction susceptibility, susceptibility for earthquake-induced landslides, and other seismically induced hazards; and (3) continuing the development of the Advanced National Seismic System, including earthquake early warning capabilities.*

*With respect to earthquake hazard reduction activities, the bill revises or expands the duties of: (1) the Interagency Coordinating Committee on Earthquake Hazards Reduction, (2) the National Institute of Standards and Technology (NIST), (3) the Federal Emergency Management Agency (FEMA), (4) the U.S. Geological Survey (USGS), and (5) the National Science Foundation.<sup>5</sup>*

**National Quantum Initiative Act, P.L. 115-368**

*(Does not authorize appropriations)*

*Authorizes the National Science Foundation to carry out a basic research and education program on quantum information science and engineering, and award grants for the establishment of at least 2 but not more than 5 Multidisciplinary Centers for Quantum Research and Education up to \$10 million each for each of fiscal years 2019 through 2023.*

<sup>1</sup> Organic legislation establishing NSF.

<sup>2</sup> SBIR and STTR are reauthorized through September 30, 2022.

<sup>3</sup> Actual amounts will be reported after awards are completed.

<sup>4</sup> The \$5.0 million shall include not less than \$2.5 million for research on the science of dyslexia, for each of fiscal years 2017 through 2021. FY 2018 Actuals funding includes \$5.01 million for dyslexia research.

<sup>5</sup> Authorizes \$54.0 million for the National Earthquake Hazards Reduction Program at NSF for each of fiscal years FY 2019 through FY 2023.