

**NATIONAL SCIENCE FOUNDATION  
NSF BIG IDEAS FUNDING  
FY 2022 BUDGET REQUEST TO CONGRESS**  
(Dollars in Millions)

<b>NSF Big Ideas</b>	<b>FY 2020 Actual</b>	<b>FY 2021 Estimate</b>	<b>FY 2022 Request</b>
<b>Research Ideas</b>	<b>\$177.15</b>	<b>\$150.00</b>	<b>\$150.00</b>
Harnessing the Data Revolution for 21st Century Science and Engineering (HDR)	30.00	30.00	30.00
The Future of Work at the Human-Technology Frontier (FW-HTF)	30.00	30.00	30.00
Navigating the New Arctic (NNA)	27.20	30.00	30.00
The Quantum Leap (QL) <sup>1</sup>	30.00	-	-
Understanding the Rules of Life (URoL)	29.95	30.00	30.00
Windows on the Universe (WoU)	30.00	30.00	30.00
<b>Enabling Big Ideas</b>	<b>\$73.43</b>	<b>\$144.92</b>	<b>\$196.92</b>
Growing Convergence Research (GCR)	15.90	16.00	24.17
Inclusion across the Nation of Communities of Learners of Underrepresented Discoverers in Engineering and Science (NSF INCLUDES)	20.75	20.00	46.50
Mid-scale Research Infrastructure	30.37	108.92	126.25
<i>Mid-scale RI Track 1</i>	30.37	32.67	50.00
<i>Mid-scale RI Track 2</i>	-	76.25	76.25
NSF 2026 <sup>1</sup>	6.42	-	-
<b>Total</b>	<b>\$250.59</b>	<b>\$294.92</b>	<b>\$346.92</b>

<sup>1</sup> Starting in FY 2021, all Quantum Leap stewardship activities are managed with the broader Quantum Information Science (QIS) portfolio. See the NSF-Wide Investments chapter for detail on QIS.