

**National Science Foundation
for the Future Act**

House Science Committee

- Reauthorization of NSF
- Establishes Directorate of Science & Engineering Solutions (SES)
 - Uses existing NSF efforts, such as the Convergence Accelerator and the Growing Convergence Research Big Idea
 - NSF Director to select 5 focus areas, which are informed by 6 societal challenges.
- Additional sections on Broadening Participation, Research Integrity and Security, Research Ethics, and STEM Education.
- Funds the current NSF portfolio at \$10.5B in FY2022 with a 6% average annual increase over 5 years to \$13.3B in FY2026.
 - Funds SES within the RRA at \$1B in FY2022 with a 50% annual increase over 5 years to \$5B in FY2026.

Endless Frontier Act

Senator Schumer (D-NY)

- Broad, national competitiveness bill
 - Has several sections on programs at NIST and Dept of Commerce
- Establishes "Directorate of Technology & Innovation" at NSF
 - PMs & experts operate similar to DARPA
 - Ten Key Technology Focus Areas
 - Does not change name of NSF
- Some additional changes to NSF (Chief Diversity Officer and annual report on unfunded NSF priorities)
- Establishes Endless Frontier Fund
 - \$112B+, over 5 years, administered by Director of OSTP;
 - Stipulates \$100B for new NSF directorate, starting at \$5B in 2022 and topping out at \$35B by 2026;
 - Remaining money in fund to new NIST programs established in bill.

The American Jobs Plan

President Biden

- \$2 Trillion Infrastructure Plan
- Invest \$50B in NSF to create, "a technology directorate that will collaborate with and build on existing programs across the government."
- Calls on Congress to provide \$30B in additional funding for, "R&D that spurs innovation and job creation, including in rural areas."
- Invest \$40B more, "upgrading research infrastructure in laboratories across the country, including brick-and-mortar facilities and computing capabilities and networks."
- Does not give details on length of these funding plans.