FY 2021 Fast Facts

- Total NSF Awards to New York: $541,586,000
- Invested in Fundamental Research in New York: $441,565,000
- Invested in STEM Education in New York: $62,897,000
- Invested in New York startups: $22,513,000

Top NSF-funded Academic Institutions for FY 2021

- Cornell University: $119,577,000
- Columbia University: $104,220,000
- SUNY Stonybrook: $45,347,000

NSF By The Numbers

The National Science Foundation (NSF) is an $8.8 billion independent federal agency created by Congress in 1950 to promote the progress of science; to advance the national health, prosperity, and welfare; to secure the national defense. NSF’s vital role is to support basic research and researchers who create knowledge that transforms the future.
**NSF-funded COVID-19 Research and Recovery**

With NSF support, researchers from Columbia University created a COVID Information Commons, or CIC, website to facilitate knowledge sharing and collaboration across various COVID research efforts, especially focusing on all the NSF-funded COVID Rapid Response Research projects. The CIC serves as a resource for researchers and decision-makers from government, academia, nonprofits and industry to leverage each other’s findings and invest in and accelerate the most promising research to mitigate the broad societal impacts of the coronavirus pandemic.

**STEM Education**

Through an NSF Advanced Technology Education program grant led by Borough of Manhattan Community College, or BMCC, researchers will develop an online cybersecurity certificate to prepare cybersecurity technicians in New York City. BMCC is a Hispanic-serving institution in which more than 75% of the students are from communities not yet equitably represented in STEM or in cybersecurity fields. By providing training that can lead to high-paying stable jobs, this project will help to mitigate the disproportionate impacts of COVID-19 on the communities that the college serves. The certificate program will target high school students and incumbent workers.

**Research Driving Innovation**

Led by The City University of New York, Columbia University and New York University, along with six other affiliated schools, the New York Region Innovation Corps hub creates and maintains a culture of innovation dedicated to deep technology entrepreneurial educational training and acceleration programs. New York’s vibrant entrepreneurial ecosystem evolved from strategic investments in innovation and entrepreneurship by academic, governmental and private entities in the region. This technological advancement has been, and continues to be, the basis for long-term sustainable economic growth. This hub will leverage its strong effective network infrastructure to nurture and produce opportunities for innovation and entrepreneurship across the region and maintain and build upon its leadership and accomplishments, especially with virtual programming and training, to continue to strengthen the I-Corps National Innovation Network, or NIN. It will enhance national innovation capacity by extending the reach and benefits of the NSF I-Corps program to diverse communities of innovators in fundamental science and engineering and has one of the most diverse and experienced teaching teams within NIN, comprising entrepreneurial innovators from startups, network schools, business development units and New York City’s investment community.

**Infrastructure**

Cornell University’s Center for High Energy X-ray Science, located at the High Energy Synchrotron Source, is a unique national research facility that serves researchers conducting world-class research at the frontiers of physics, chemistry, biology, materials, engineering and environmental sciences.

**NCSES**

According to the National Center for Science and Engineering Statistics (NCSES), which is housed in NSF, New York ranks 2nd in the nation for Higher education R&D performance. Visit New York’s science and engineering state profile to learn more!

- 4.55% of New York’s workforce are employed in S&E occupations.
- 34.86% of New York’s higher education degrees are concentrated in S&E fields.

**Learn More**

**COVID RELIEF** - Congress provided NSF with funding to prevent, prepare for, and respond to COVID-19 in the CARES Act of 2020 and the American Rescue Plan (ARP) Act of 2021. For more information on NSF-funded COVID-19 research and recovery, visit NSF’s award database for CARES Act and ARP awards, and NSF’s Toolkit for COVID funding updates.

**NSF FACT SHEETS** – NSF provides fact sheets about the agency and its bold investments in basic research. These fact sheets profile NSF investments in research across all fields of science and engineering, including quantum, artificial intelligence, and advanced manufacturing, and the NSF-supported research and computing infrastructure powering the U.S. response to COVID-19.

**CONNECT WITH NSF** – For more information on NSF’s impact in your state, please contact NSF’s Office of Legislative and Public Affairs at congressionalteam@nsf.gov.