U.S. National Science Foundation

DISTRICT OF COLUMBIA

NSF 75 YEARS OF INNOVATION

2025 marks the 75th anniversary of NSF. Throughout the year, the agency will host in-person and virtual activities to commemorate this significant milestone. For more information, visit: nsf.gov/75years

● FAST FACTS

$163,125,000
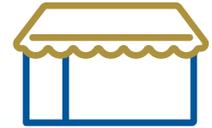Total NSF Awards to District of Columbia

$123,289,000
Invested in Fundamental Research in District of Columbia

$39,836,000
Invested in STEM Education in District of Columbia

$20,195,000
Invested in District of Columbia Businesses

● TOP NSF-FUNDED ACADEMIC INSTITUTIONS

George Washington University
$11,666,000

Georgetown University
$9,866,000

Gallaudet University
$4,046,000

● NSF BY THE NUMBERS

The U.S. National Science Foundation (NSF) is an independent federal agency created by Congress in 1950 to promote the progress of science; to advance the national health, prosperity, and welfare; and to secure the national defense. To fulfill this vital role, NSF supports basic research and researchers who create knowledge that transforms the future.

DID YOU KNOW? NSF has funded the work of **268** Nobel Prize winners over 75 years.

$9.06B
FY 2024
Total Enacted

92%
Funds research, education and related activities

11K
Awards

1.9K
Institutions

358K
People

"Data represents FY 2024 Actuals unless otherwise indicated"

www.nsf.gov

INNOVATION | *Generating new knowledge that provides a greater understanding of the world around us*

Quantum information science and engineering (QISE) is widely recognized as a key driver for realizing game-changing scientific breakthroughs and transformative new quantum computing, sensing and communication technologies. An NSF Experiential Learning for Emerging and Novel Technologies award aims to establish an expansive QISE research and training program at **Howard University**, in close partnership with Northeastern University. Collaborating national laboratories and industries are the National Institute of Standards and Technology, National Renewable Energy Laboratory, IBM, Quantum Design and Qnami. The scientific focus of the project is on modeling, discovery, understanding and applications of quantum bits, which are the key components of the QISE ecosystem. This effort will also provide a roadmap for other HBCUs and minority-serving institutions throughout the U.S. to propel themselves toward leadership roles in QISE.

EXPANDING FRONTIERS | *Generating institutional capacity, new technologies and societal impact*

The Computing Community Consortium (CCC) is established through a cooperative agreement between NSF and the **Computing Research Association**. Since its inception, the purpose of the CCC has been to catalyze the development of bold, far-reaching visions for computing research and to facilitate the communication of those visions to stakeholders within and beyond the computing research ecosystem. Today, thanks to the continued support of NSF, the CCC provides the continuity and capacity to bring together stakeholders that depend on computing innovation — including agencies, industry, professional societies, consortia, and philanthropic stakeholders — as part of increasingly diverse and multi-disciplinary national and societal needs. The majority of CCC visioning activities and white papers bring together multidisciplinary expertise and needs that combine to create important disciplinary and interdisciplinary challenges for the computing field. The results of these activities are disseminated back to the community to ensure continued revitalization and advancement of new areas and topics for future computing research.

EDUCATION AND WORKFORCE | *Supporting our STEM talent of today and tomorrow*

The NSF CyberCorps® Scholarship for Service (SFS) program funds scholarship programs in cybersecurity and aims to develop a superior cybersecurity workforce. **The George Washington University (GW)** is a Center of Academic Excellence in Cyber Research, as designated by the National Centers of Academic Excellence in Cybersecurity program, with over 20 years of experience training NSF CyberCorps® students for government employment. Its most recent SFS renewal project, the GW Partnership in Securing Cyberspace through Education and Service program, aims to recruit and place highly trained cybersecurity professionals into public service. The project supports scholarships for students as well as expands opportunities for cybersecurity students beyond those directly supported by scholarships. The scholars are equipped with knowledge of cybersecurity mechanisms, tools, policies and available resources before entering the federal workforce.

ON THE CUTTING EDGE

NSF is pushing the boundaries of what is possible in today's most important technology areas, including artificial intelligence, quantum information science, and biotechnology. The Foundation also maintains industry-leading, state-of-the-art facilities around the world.

NCSES

The National Center for Science and Engineering Statistics (NCSES) within the U.S. National Science Foundation is the nation's leading provider of statistical data on the U.S. science and engineering enterprise. As a principal federal statistical agency, NCSES conducts nationally representative surveys and publishes objective data and reports on topics related to research and development, the science and engineering workforce, and STEM education. For example, in FY 2024, **District of Columbia** invested **$6,276,000,000** on research and development.

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

LEARN MORE

- **BROUGHT TO YOU BY NSF** – NSF has invested in discoveries, inventions, and innovations that have shaped the modern world, including the internet, 3D printing, American Sign Language, Magnetic Resonance Imaging (MRI), deep sea exploration, Doppler radar and more. For more information on NSF impacts, please visit: nsf.gov/impacts.

- **RESEARCH SECURITY** – NSF is committed to safeguarding the integrity and security of science and engineering while also keeping fundamental research open and collaborative. NSF seeks to address an age of new threats and challenges through close work with our partners in academia, law enforcement, intelligence and other federal agencies. By fostering transparency, disclosure and other practices that reflect the values of research integrity, NSF is helping to lead the way in ensuring taxpayer-funded research remains secure. To learn more, please visit NSF's Research Security website.

- **FOSTERING INNOVATION** – Every year, NSF funds around 400 companies across nearly all technology areas to create prototypes and commercialize technologies. Learn more at seedfund.nsf.gov.