



Advancing American Science, Technology and Leadership

Established in 1950 by President Harry S. Truman through the **“National Science Foundation Act,”** the U.S. National Science Foundation has powered American discovery, innovation and technological leadership.

For more than 75 years, NSF has strengthened the nation’s scientific and engineering enterprise by investing in groundbreaking research at universities, fostering industry partnerships and expanding opportunities for discovery in every state. **These investments translate ideas into impact, grow a highly skilled workforce and sustain the innovation ecosystem** that drives U.S. competitiveness, resilience and economic strength.

Guided by its enduring mission, *“To promote the progress of science; to advance the national health, prosperity and welfare; and to secure the national defense ...,”* NSF supports cutting-edge research, accelerates collaboration with industry, and expands access to discovery nationwide — from advances in quantum science to breakthroughs in artificial intelligence — **fueling innovation, economic growth and prosperity across the United States.**



SCIENCE THAT POWERS THE NATION

NSF invests in groundbreaking research, world-class facilities and public-private collaboration that turn discovery into impact across every state and U.S. territory. **NSF advances** critical and emerging fields, including AI, quantum science, biotechnology, semiconductors, advanced manufacturing and cybersecurity, strengthening U.S. economic growth, national security and global leadership in innovation.

NSF-supported research spans the full spectrum of discovery:

- **Inside the cell:** breakthroughs in biotechnology, genomics and medical innovation.
- **At the frontier of computing:** advancing AI, cybersecurity, quantum information science and semiconductors.
- **Across the universe:** discoveries from black holes to the structure of galaxies.

From foundational science to transformative technologies, NSF expands what the nation can know, build and achieve.



INVESTING IN PEOPLE

NSF invests not only in ideas, but in the people behind the discoveries. Each year, it supports hundreds of thousands of researchers, students, educators and innovators nationwide, building the scientific workforce that sustains U.S. leadership in research and technology.

By supporting both foundational research and use-inspired innovation, **NSF drives innovations that strengthen U.S. industry, reinforce national competitiveness and improve quality of life.**



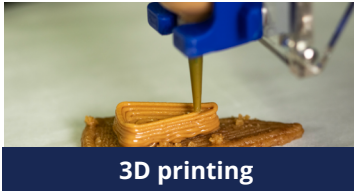


IMPACT ACROSS AMERICA

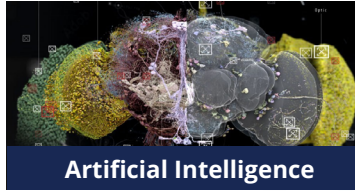
NSF is a cornerstone of American innovation, supporting research, fostering public-private collaboration and expanding discovery in every state and territory. Its investments move ideas from the lab to real-world impact, strengthening U.S. competitiveness and enabling transformative technologies that define modern life, including:



Bolstering small business



3D printing



Artificial Intelligence



Biotechnology



CRISPR



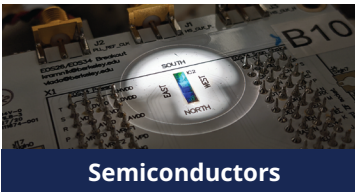
Cybersecurity



The Internet



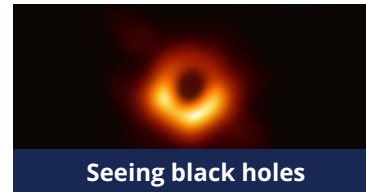
Quantum technology



Smartphones



Supercomputers



Seeing black holes

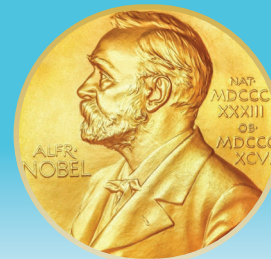


LOOKING AHEAD

As the United States marks more than 75 years of NSF leadership and engages in a broader national commemoration of America's 250 years of progress, NSF continues to advance bold research, develop a world-class workforce, and accelerate innovation that keeps the nation at the forefront of global science and technology leadership.

From quantum frontiers to cosmic exploration, from classrooms to cutting-edge laboratories, NSF is shaping the next era of American science and technology leadership, ensuring the United States remains the global leader in discovery and innovation.

274



Total number of Nobel Prize winners who have received NSF funding.



LEARN MORE AT:
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