



ECONOMIC IMPACTS*



14,000+

People trained



2,000+

Startups launched



6,000+

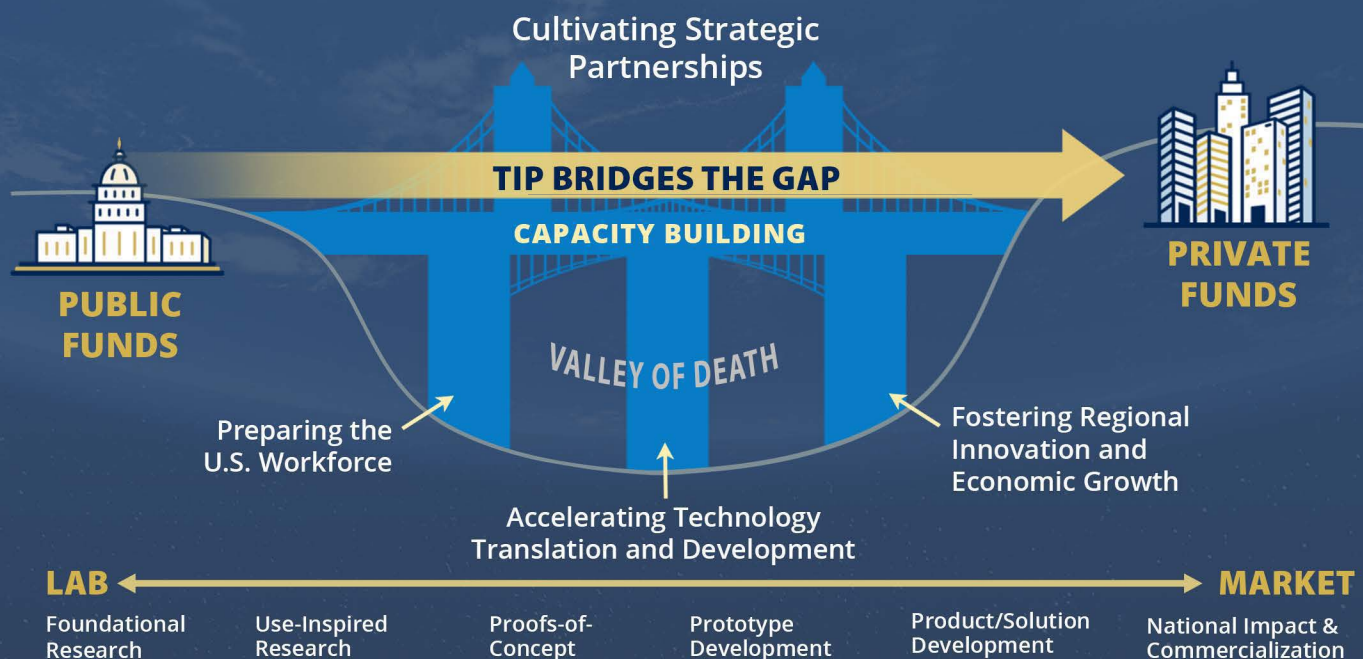
New jobs created



\$4.5B+

Follow-on funding

NSF PROGRAMS POWER BREAKTHROUGHS



Awards / Investment*

KEY TECHNOLOGY AREA

1,196 / \$788.2M

Artificial Intelligence

507 / \$297.8M

Advanced Computing and Semiconductors

68 / \$78.1M

Quantum Information Science and Technology

910 / \$569.5M

Robotics and Advanced Manufacturing

520 / \$420M

Disaster Prevention and Mitigation

433 / \$286M

Advanced Communications

1,646 / \$654.5M

Biotechnology

459 / \$432.6M

Data and Cybersecurity

594 / \$368.6M

Advanced Energy & Industrial Efficiency Technologies

702 / \$431.8M

Advanced Materials

**4,808
AWARDS**



For current award and investment data visit:
<https://www.nsf.gov/tip/data>

The NSF Directorate for Technology, Innovation and Partnerships (NSF TIP) seeks to engage all Americans in accelerating key technologies to advance U.S. competitiveness. The directorate partners across sectors to advance three primary focus areas – accelerating technology translation and development, fostering innovation and economic growth, and preparing the American workforce for better-quality, higher-wage jobs. To learn more, visit <https://www.nsf.gov/tip/latest>.

SUPPORTING SMALL BUSINESSES NATIONWIDE

America's Seed Fund, powered by NSF (last 10 years)

\$32B Total follow-on private sector capital raised
by NSF SBIR/STTR portfolio companies

420 companies with successful exits

62 companies reaching a confirmed valuation

> \$250M with **>10,000** jobs created at these 62
companies

TRAINING RESEARCHERS TO THINK LIKE ENTREPRENEURS

NSF I-Corps™ (last 12 years)

\$7B in follow-on funding

1,700 startups created

~10,000 participants trained

UNLOCKING INNOVATION AND ECONOMIC GROWTH

NSF Regional Innovation Engines (last year)

\$1B in matching commitments
unlocked

> 450 organizations signed on
to partner

LAUNCHING DEEP-TECH ENTREPRENEURS

NSF Entrepreneurial Fellows (last 2 years)

39 innovators

31 companies

\$61M in follow-on funding

429 jobs created

CONVERGENCE RESEARCH ADVANCING SOLUTIONS

NSF Convergence Accelerator (last 6 years)

17 entities formed (12 startups, 5
nonprofit)

\$67.5M in follow-on funding

1,950 participants trained

600 partners across academia,
non-profits, and federal, state and
local government

TIP PARTNERSHIPS PAST & PRESENT

INDUSTRY

- AI2
- Cerebras
- Databricks
- Datavant
- Ericsson
- Hugging Face
- IBM
- Intel Corporation
- Micron Technology
- Microsoft
- NVIDIA
- Omidyar
- OpenAI
- OpenCollective Foundation
- Palantir
- SambaNova
- Samsung
- VMware
- Weights and Biases

NON-PROFIT

- The Dana Foundation
- The Eric and Wendy Schmidt Fund for Strategic Innovation
- Ford Foundation
- The Gates Foundation
- The Greenwall Foundation
- NobleReach Foundation
- The Patrick J. McGovern Foundation
- Partnership for Public Service
- Pivotal Ventures
- Schmidt Futures
- Siegel Family Endowment
- Sloan Foundation
- Walton Family Foundation
- AFL-CIO Tech Institute

INTERNATIONAL

- Commonwealth Scientific and Industrial Research Organisation (CSIRO), Australia
- German Federal Agency for Breakthrough Innovation (SPRIND)
- Innovate UK
- Japan Science and Technology Agency (JST)
- Swedish Research Council (SRC)
- U.K. Centre for Data Ethics
- Vinnova, the Innovation Agency of Sweden

OTHER AGENCIES

- DOC
- DOD
- DOE
- DOI
- DOJ
- DoT
- NASA
- NIH
- OSTP
- Treasury
- USDA