



U.S. National  
Science Foundation



**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](https://www.nsf.gov/75years)

# NEW HAMPSHIRE

## ● FAST FACTS



**\$33,057,000**

Total NSF Awards to New Hampshire



**\$31,124,000**

Invested in Fundamental Research in New Hampshire



**\$1,933,000**

Invested in STEM Education in New Hampshire



**\$2,567,000**

Invested in New Hampshire Businesses

## ● TOP NSF-FUNDED ACADEMIC INSTITUTIONS

Dartmouth College  
**\$19,311,000**

University of New Hampshire  
**\$11,117,000**

Franklin Pierce University  
**\$62,000**

## ● 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](https://www.nsf.gov)



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

Prostate cancer is the second most common cancer diagnosis, which can potentially be cured by surgically removing the prostate. Unfortunately, in one out of five cases, removing the prostate still leaves behind some cancerous cells, requiring additional treatment that often has serious side effects. To address this challenge, researchers at **Dartmouth College** are developing an innovative, intelligent surgical probe that allows a surgeon to check that all cancerous cells are removed during the prostate removal surgery. The same underlying technology will be useful in contexts beyond prostate cancer treatment, including preventing injury to nearby nerves during tooth implant surgery, monitoring the brain after it has experienced physical injury; and measuring blood pressure from a smartwatch. The NSF Smart and Connected Health: Connecting Data, People and Systems program funded this project.

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

The NSF EPSCoR Collaborations for Optimizing Research Ecosystems Research Infrastructure Improvement (NSF E-CORE RII) program is supporting new research opportunities across a network of 17 colleges and universities in New Hampshire to form the New Hampshire Long-term Investment to Fuel Transformative Research (NH-LIFT). Led by the **University of New Hampshire**, NH-LIFT includes initial partnerships with Dartmouth College, St. Anselm College, Plymouth State University, Keene State University, New England College, and the **Community College System of New Hampshire**. Through NH-LIFT, the project team will leverage individual institutional strengths across the state and build lasting networks that facilitate access to expertise and training; specialized equipment and resources; meaningful research and experiential-learning opportunities; and colleagues, mentors and collaborators. The lessons learned from NH-LIFT will create a new knowledge base for how NSF EPSCoR jurisdictions can collectively build research capacity, particularly in predominately rural jurisdictions that lack urban centers.

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

Building and applying modern biological knowledge depends on using advanced computer tools and databases to gather information, analyze data, and test ideas. Unfortunately, many college students don't get enough experience with these methods to pursue technical careers. To address this experience gap, the **BioQUEST Curriculum Consortium**, through the NSF Research Coordination Networks in Undergraduate Biology Education program, is creating a network that brings together existing science and education resources, making them easier to use in different types of institutions and student audiences. The network is organized around four key areas: high-performance computing, using scientific data, interactive data tools and modeling and simulation. By making these resources more accessible and user-friendly, the project aims to help faculty and students develop their computational skills and break down barriers to participation in the scientific workforce.

## COMPETITIVE RESEARCH

NEW HAMPSHIRE is one of 28 U.S. states or territories under the NSF Established Program to Stimulate Competitive Research (EPSCoR) and recently received an award through NSF's new E-RISE program. For more information, visit [NEW HAMPSHIRE'S EPSCoR state web page](#).

### NCSSES

The [National Center for Science and Engineering Statistics \(NCSSES\)](#) 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, NCSSES 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, **New Hampshire** invested **\$3,701,000,000** 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](mailto: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](https://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](https://seedfund.nsf.gov).