



U.S. National  
Science Foundation



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](http://nsf.gov/75years)

# NEBRASKA

## ● FAST FACTS



**\$52,797,000**

Total NSF Awards  
to Nebraska



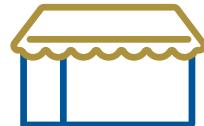
**\$44,311,000**

Invested in Fundamental  
Research in Nebraska



**\$8,486,000**

Invested in STEM  
Education in Nebraska



**\$549,000**

Invested in Nebraska  
Businesses

## ● TOP NSF-FUNDED ACADEMIC INSTITUTIONS

University of Nebraska -  
All campuses  
**\$49,182,000**

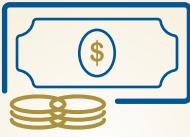
Little Priest Tribal College  
**\$750,000**

Creighton University  
**\$689,000**

## ● 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"*

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



There is an urgent need for nutritious, productive and economically viable food production. To address this challenge, the **University of Nebraska-Lincoln's** Food Innovation and Diversification to Advance the Bioeconomy (FoodID) project, funded by the NSF Global Centers program, is promoting an international collaboration among investigators from academia and the food industry in the United States and Finland. Leveraging biodiversity and biofoundry practices, FoodID is driving innovation and discovery across four research thrusts: (1) a biofoundry approach for manipulation and production of food ingredients in plants and microbes; (2) biorefineries; (3) novel food design; and (4) environmental and socioeconomic discovery. FoodID is also informing policymaking, enhancing consumer understanding, driving economic development and training the next-generation workforce. Together, these efforts will improve global food security and create high-quality, productive, nutritious food ingredients that meet consumer needs.

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



Throughout the NSF Small Business Innovation Research program, the **Grain Weevil Corporation** continues to develop its post-harvest grain management robot technology to reduce waste, increase efficiency, and improve the overall sustainability of the agricultural sector. Post-harvest grain management is a crucial aspect of agriculture; however, it can also be a challenging and labor-intensive process for farmers. Incorporating robots into this process can potentially transform the field of post-harvest grain storage through their ability to autonomously perform novel and innovative tasks within granular bulk storage environments. This eliminates the need for humans to enter the grain bins, where they can suffer injuries and even death from grain avalanches. Additionally, by reducing waste and increasing efficiency in grain storage and processing, farmers can ensure that a greater proportion of their crops are utilized, resulting in a more substantial yield.

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



The NSF Tribal Colleges and Universities Program (NSF TCUP) funds efforts to increase the STEM instructional and research capacities of specific institutions of higher education that serve the nation's Indigenous students. For example, the **Winnebago Tribe of Nebraska** received an NSF TCUP award to establish the TCUP Cyber Consortium Advancing Computer Science Education, which improves the computer science and cybersecurity training for regional workforces in the communities served by **Little Priest Tribal College**, Turtle Mountain Community College, United Tribes Technical College, Windward Community College and Sitting Bull College. The project is building and enhancing computer science curricula that improve the fundamental skills of critical thinking, problem-solving, coding and collaboration used in academic or research activities and building capacity to support education and research in computing-related fields of national interest, such as cybersecurity, artificial intelligence, data science and computer science education.

## COMPETITIVE RESEARCH

NEBRASKA is one of 28 U.S. states or territories under the NSF Established Program to Stimulate Competitive Research (EPSCoR). For more information, visit [NEBRASKA's EPSCoR state web page](#).

## 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, **Nebraska** invested **\$1,703,000,000** 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://www.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).