



U.S. National Science Foundation



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)

WYOMING

● FAST FACTS



\$18,969,000

Total NSF Awards to Wyoming



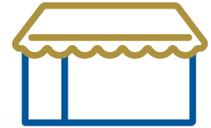
\$17,427,000

Invested in Fundamental Research in Wyoming



\$1,543,000

Invested in STEM Education in Wyoming



\$20,000

Invested in Wyoming Businesses

● TOP NSF-FUNDED ACADEMIC INSTITUTIONS

University of Wyoming
\$18,372,000

Western Washington Community College
\$337,000

● 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"



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

An NSF Major Research Instrumentation Track 2 award is supporting the **University of Wyoming's** acquisition of a state-of-the-art, high-performance computing (HPC) system, significantly advancing the application and innovation of artificial intelligence and computational science across the University of Wyoming and the Rocky Mountain region. Through this program, the University of Wyoming and Colorado State University are actively establishing formal research and training collaborations to focus on inter-state research problems, including agriculture, public health, society, energy and tourism. In addition, a 10% resource allocation of the HPC system is provided to the Rocky Mountain Advanced Computing Consortium, giving access to 33 Western institutions, including some 45,000 academic staff, 160,000 graduate students, 540,000 undergraduate students and 15 non-research-intensive universities. The system will enable the adoption and development of scalable scientific software for addressing grand-challenge problems characterized by big data and integrated modeling in research domains with regional and national impact.



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

Transforming the traditional research and commercialization pipeline at the **University of Wyoming (UW)** into a holistic accelerator of use-inspired research and development has the potential to impact the entire state's economy. That is why NSF is funding the Wyoming Translation Research Accelerator (WTRA) at UW through the NSF Accelerating Research Translation program. The project is catalyzing university-wide changes to foster and speed up the pace of research-enabled innovation. Expected outcomes include an increase in industry collaborations and startups, diversification of the state's economy and greater preparedness of graduate students and postdoctoral students to enter industry. WTRA conducts experiential training with an emphasis on graduate students and postdoctoral researchers and selects seed translational research projects to help diversify and grow the Wyoming economy. In doing so, WTRA aims to allow basic research to continue to flourish at UW while supporting pathways to broader societal applications.



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

The demand for information technology support specialists — who analyze, troubleshoot and evaluate technology issues — and cybersecurity technicians — those responsible for protecting a business or organization from cyberattacks — far exceeds the number of graduates who have the credentials required to fill these positions. To meet the needs of the IT industry in rural southwest Wyoming, **Western Wyoming Community College** is using an NSF Advanced Technological Education program award to increase the number of IT job-ready graduates by developing a stackable credential program that supports industry-recognized certifications and embeds cooperative work-based learning experiences in the program. The program is designed to support the learning needs of a wide array of students by using the hybrid-flexible learning environment, which gives students a choice in how they participate in a course and engage with the material. Program instructors actively solicit feedback from an industry advisement team, tailoring program content to address specific industry needs.

COMPETITIVE RESEARCH

WYOMING is one of 28 U.S. states or territories under the NSF Established Program to Stimulate Competitive Research (EPSCoR). For more information, visit [WYOMING'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, **Wyoming** invested **\$238,000,000** 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](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://www.seedfund.nsf.gov).