



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)



# OKLAHOMA

## ● FAST FACTS



**\$44,137,000**

Total NSF Awards to Oklahoma



**\$42,642,000**

Invested in Fundamental Research in Oklahoma



**\$1,494,000**

Invested in STEM Education in Oklahoma



**\$822,000**

Invested in Oklahoma Businesses

## ● TOP NSF-FUNDED ACADEMIC INSTITUTIONS

University of Oklahoma  
**\$24,566,000**

Oklahoma State University  
**\$13,597,000**

University of Tulsa  
**\$1,081,000**

## ● 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*

Across many fields of science, the discovery of new knowledge requires increasingly complex physical instrumentation that enables scientists to observe physical phenomena in ways, and to degrees of precision, previously unimaginable. Access to this equipment allows a lab and its surrounding region to become an epicenter of scientific discovery, drawing in talent nationwide and spurring the local economy. For example, the NSF Major Research Instrumentation Track 2 Program supported the **University of Oklahoma's** acquisition of a multi-million-dollar analytical aberration-corrected transmission electron microscope, which is allowing researchers across Oklahoma to explore fundamental materials properties that underlie frontier technologies by collecting information about the structure and chemistry of a range of materials atom-by-atom. Oklahoma researchers are laying the groundwork for innovations in quantum science, nanophotonics, microelectronics and more using this instrument.

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

The Intensifying Translational Research in Oklahoma (InTRO) project, funded through the NSF Accelerating Research Translation (NSF ART) program and led by the **University of Oklahoma**, supports the process of research findings being translated into methods and products for use by the public, industry, government and others by developing educational materials and providing infrastructure for translational research projects. Researchers have access to a new NSF ART academy to provide additional research translational research education and skill enhancement. The ART academy also provides funding to train graduate students and postdocs who are interested in translational research careers. To complement this capacity building, an InTRO Seed Translational Research Project (SRTP) program supports the advancement of early-stage projects. Teams awarded SRTP grants receive funding to translate their proof-of-concept idea into a ready-for-use solution or product in under two years.

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

In the modern information ecosystem, quick and reliable access to networked information and remote resources is vital for the education of the next generation of the STEM workforce. That is why NSF, through the NSF Campus Cyberinfrastructure program, is investing in a project to connect **Connors State College, Eastern Oklahoma State College, Northeastern Oklahoma A&M College** and **Oklahoma Panhandle State University** to the OneOklahoma Friction Free Network (OFFN). OFFN provides colleges and universities access to world-class remote resources, from large data sets to supercomputing clusters. The project extends OFFN at 10GBps to the four under-resourced campuses by implementing perimeter networks, data transfer nodes and network performance monitoring capabilities. This extension facilitates new education and research driver capabilities that integrate with existing cyberinfrastructure resources at institutions throughout Oklahoma. Equipped with this vital research and education infrastructure, the project further connects cyberinfrastructure practitioners with students and faculty throughout Oklahoma, building the next generation of the STEM workforce.

## COMPETITIVE RESEARCH

OKLAHOMA is one of 28 U.S. states or territories under the NSF Established Program to Stimulate Competitive Research (EPSCoR). For more information, visit [OKLAHOMA'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, **Oklahoma** invested **\$2,907,000,000** 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://www.seedfund.nsf.gov).