



U.S. National
Science Foundation

OKLAHOMA

FY 2023 Fast Facts



\$51,764,000

Total NSF Awards
to Oklahoma



\$45,247,000

Invested in Fundamental
Research in Oklahoma



\$6,517,000

Invested in STEM
Education in Oklahoma



\$275,000

Invested in Oklahoma
Businesses

Top NSF-funded Academic Institutions for FY 2023

University of Oklahoma
\$32,724,000

Oklahoma State University
\$13,747,000

Northeastern State
University
\$1,260,000

NSF By The Numbers

The U. S. National Science Foundation (NSF) is an [\\$9.06 billion](#) independent federal agency created by Congress in 1950 to promote the progress of science; to advance the national health, prosperity, and welfare; to secure the national defense. NSF's vital role is to support basic research and researchers who create knowledge that transforms the future.

**DID YOU
KNOW?**

NSF has funded the
work of **261** Nobel Prize
winners over 75 years.



\$9.06B
FY 2024
Total Enacted

93%
Funds research,
education and
related activities



11K
Awards



1.9K
Institutions



353K
People

**Data represents FY 2023 Actuals unless otherwise indicated*



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Expanding the Frontiers of Science

Many research findings never progress beyond publication in academic journals, and often discoveries supported by federally funded research efforts require additional support for translation toward broader application and societal impact. The Intensifying Translational Research in Oklahoma (InTRO) project, funded through the NSF Accelerating Research Translation (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 translational research skill enhancement via a new ART academy to provide additional research translation education and training. The ART academy will also provide funding to train graduate students and postdocs who are interested in translational research careers. Additionally, an InTRO Seed Translational Research Project (S RTP) program supports the advancement of early-stage projects. Teams who are awarded S RTP grants will receive funding to enable the translation of their proof-of-concept idea into a ready-for-use solution or product in under two years.



STEM Education and Broadening Participation

The **University of Oklahoma** ADVANCE Institutional Transformation project (OU Elevate), funded through The NSF ADVANCE program, addresses differential retention and promotion rates for faculty that identify as women and faculty with intersecting marginalized identities, focusing on the connection between these inequitable outcomes and the policies and practices present in annual faculty performance evaluations. The existing annual evaluation systems largely fail to document the impact of the entire scope of faculty work. This results in the faculty activities that are most impactful and critical to the missions of educational institutions, such as inspiring and inclusive teaching, being undervalued. OU Elevate is developing a multi-context toolkit for annual faculty performance evaluation that values a broad range of activities, including dimensions of faculty performance that are more difficult to measure and quantify. Implementing this toolkit is expected to have positive outcomes for all faculty, particularly for science, technology, engineering and mathematics faculty at the intersection of multiple marginalized identities.



Regional Innovation Engines

NSF Regional Innovation Engines (NSF Engines) Development Awards help organizations create connections and develop their local innovation ecosystem within two years to prepare a strong proposal for becoming a future NSF Engine. The program seeks regional teams rooted within industry, academia, government, nonprofits, civil society and communities of practice to catalyze and foster innovation ecosystems across the U.S. which will advance critical technologies, address national and societal challenges, promote economic growth and job creation, spur sustainable regional innovation and nurture diverse talent.

To stay in the loop about future funding calls and opportunities to engage, [sign up for the NSF Engines newsletter](#).

EPSCoR

COMPETITIVE RESEARCH | Oklahoma is one of 28 U.S. states or territories under the [NSF Established Program to Stimulate Competitive Research \(EPSCoR\)](#). **\$8,642,103** in awards have been made to Oklahoma academic institutions through EPSCoR in FY 2023. For more information, visit Oklahoma's EPSCoR state web page.

NCSES

According to the [NSF National Center for Science and Engineering Statistics \(NCSES\)](#), which is housed in NSF, 33% of science, engineering and health doctorates conferred in Oklahoma are made in life sciences. [Visit Oklahoma's science and engineering state profile to learn more!](#)

30.10% of Oklahoma's [higher education degrees are concentrated in S&E fields](#).

3.66% of Oklahoma's [workforce is employed in S&E occupations](#).

4.99% of Oklahoma's [total employment is attributable to knowledge - and technology - intensive industries](#).

Learn More

CHIPS & SCIENCE – The CHIPS and Science Act's investments in the U.S. National Science Foundation will help the United States remain a global leader in innovation. Implementation of this legislation will be key to ensuring that ideas, talent and prosperity are unleashed across all corners of the nation. [For more information, please visit the NSF CHIPS and Science website.](#)

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 the NSF Research Security website.](#)

CONNECT WITH NSF – For more information on NSF's impact in your state, please contact the NSF Office of Legislative and Public Affairs at congressionalteam@nsf.gov.