ARKANSAS

FY 2022 Fast Facts

- $42,374,000: Total NSF Awards to Arkansas
- $33,569,000: Invested in Fundamental Research in Arkansas
- $8,806,000: Invested in STEM Education in Arkansas
- $532,000: Invested in Arkansas Businesses

Top NSF-funded Academic Institutions for FY 2022

- University of Arkansas: $20,593,858
- University of Arkansas Pine Bluff: $6,237,317
- Arkansas State University: $2,935,579

NSF By The Numbers

The National Science Foundation (NSF) is a $9.5 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.

- 11K: Number of awards NSF funds each year
- $9.9B: FY 2023 Enacted
- 39K: Proposals evaluated
- $1.6B: STEM education
- 1.8K: NSF-funded institutions
- 93%: Funds research, education and related activities
- 352K: People NSF supported
- 258: NSF-funded Nobel Prize winners

Data represents FY 2022 Actuals unless otherwise indicated.
Expanding the Frontiers of Science

Through NSF funding, North Arkansas College is working to redesign the typical two-year college model of environmental science education to improve the success, completion and transfer rates of community college students. The college created an undergraduate research program that includes extended time for field work and involvement in applied science using research and monitoring projects deemed critical by environmental partners. The research program also includes a curriculum that integrates science thinking, communications and analytics. This supports connections between North Arkansas College students, university faculty and environmental professionals. The college’s greenhouse, high tunnel and planned environmental studies plot provide on- and near-campus research facilities, and sites on the Buffalo National River are the launching points for multiple research and monitoring projects needed by environmental partners.

STEM Education

NSF’s CyberCorps® Scholarship for Service (SFS) is a scholarship program designed to recruit and train the next generation of information technology professionals to meet the needs of the cybersecurity mission for federal, state, local and tribal governments. All scholarship recipients must work after graduation for a government organization in a position related to cybersecurity. The University of Arkansas was recently awarded a CyberCorps® SFS grant to establish a program with the goal to recruit, mentor, educate, and train students in the critical field of cybersecurity. The program fosters a strong partnership with the Northwest Arkansas Community College by developing pathways for students studying at NWACC to pursue advanced degrees starting with a bachelors and leading up to a doctoral degree in related areas.

Regional Innovation Engines

The NSF Engines program envisions fostering flourishing regional innovation ecosystems across the country, providing a unique opportunity to spur economic growth in regions that have not fully participated in the technology boom of the past few decades. The NSF Engines program uniquely harnesses the nation’s science and technology research and development enterprise and regional-level resources. NSF Engines can catalyze robust partnerships rooted in scientific and technological innovation to positively impact the economy within a geographic region, address societal challenges, and advance national competitiveness. Find potential NSF engines in your state.

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 NSF’s 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 NSF’s Research Security website.

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

EPSCoR

COMPETITIVE RESEARCH | Arkansas is one of 28 U.S. states or territories under NSF’s Established Program to Stimulate Competitive Research (EPSCoR). Over $11,770,000 in awards have been made to Arkansas academic institutions through EPSCoR in FY 2022. For more information, visit Arkansas’s EPSCoR state web page.

NCSES

According to the National Center for Science and Engineering Statistics (NCSES), which is housed in NSF, 39% of science, engineering and health doctorates conferred in Arkansas are made in life sciences. Visit Arkansas’s science and engineering state profile to learn more!

25.45% of Arkansas’s higher education degrees are concentrated in S&E fields.

3.07% of Arkansas’s workforce are employed in S&E occupations.

4.92% of Arkansas’s total employment is attributable to knowledge - and technology - intensive industries.