National Science Foundation

twitter.com/NSF
facebook.com/US.NSF
instagram.com/nsfgov

FLORIDA FACT SHEET

FY 2020 FAST FACTS

$248,025,000
Total NSF awards to Florida

$199,680,000
Invested in fundamental research in Florida

$48,344,000
Invested in STEM education in Florida

$6,193,000
Invested in Florida startups through NSF's small business program

TOP NSF-FUNDED ACADEMIC INSTITUTIONS FOR FY 2020

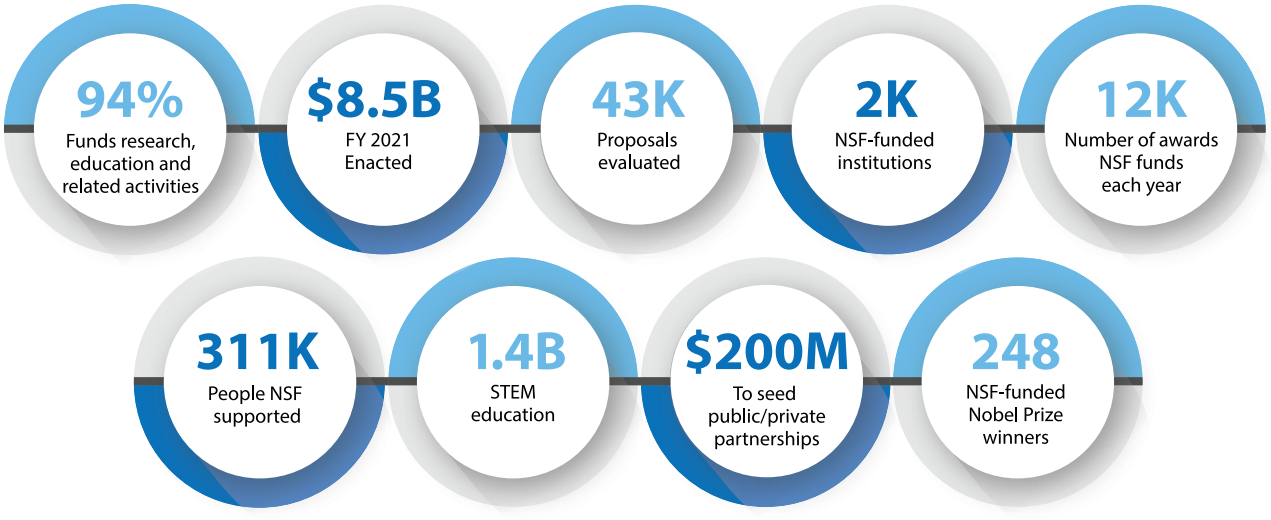
$60,169,000
Florida State University

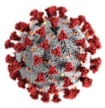
$49,447,000
University of Florida

$29,073,000
Florida International University

NSF BY THE NUMBERS

The National Science Foundation (NSF) is an $8.5 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.





NSF-FUNDED RESEARCH FIGHTING COVID-19

Congress provided NSF with funding to prevent, prepare for, and respond to COVID-19 in the CARES Act of 2020 and the American Rescue Plan Act of 2021. For more information on NSF's COVID research, visit NSF's award database and COVID funding reports.

COVID-19 RESEARCH SPOTLIGHT | A research collaboration led by **Embry-Riddle Aeronautical University** is pursuing answers to questions on how the pandemic is disrupting undergraduate STEM education in the U.S. How do COVID-19 policies impact STEM teaching and learning? How do they influence faculty and student attitudes, perceptions, behaviors? What teaching and learning resources are most helpful to undergraduate STEM faculty and students? Findings will result in actionable recommendations on crisis communications, teaching practices and checklist resources for higher education institutions. The STEM workforce is critical to the U.S. economy—this project could help support the next generation of STEM workers to be resilient and globally competitive.

STEM EDUCATION

STEM WORKFORCE DEVELOPMENT | The **University of Central Florida** is one of six new additions to NSF's CyberCorps® Scholarship for Service program, a scholarship program to recruit and train the next generation of information technology professionals, industry control system security professionals and security managers to meet the needs of the cybersecurity mission for federal, state, local, and tribal governments. The project at the university will recruit, support and guide undergraduate and graduate students in three cyber-related disciplines: computer science, information technology and computer engineering.

RESEARCH DRIVING WORKFORCE INNOVATION

FUTURE OF WORK | The Regional Center for Nuclear Education and Training, RCNET, at **Indian River State College** is supported by NSF's Advanced Technological Education program. With an emphasis on two-year institutions of higher education, the ATE program focuses on the education of technicians for the high-technology fields that drive the nation's economy. RCNET provides programs in nuclear energy, nuclear environmental management, and nuclear life and plant science. RCNET brings a history of curriculum solutions and professional development to a growing nuclear community; the center promotes best practices in areas including cross-training, nuclear culture immersion, soft skills development, and the embedding of emerging technologies (including nuclear processes in manufacturing) into the college classroom.

INFRASTRUCTURE

- NSF funding supports the National High Magnetic Field Laboratory, MagLab, the largest and highest-powered magnet laboratory in the world. MagLab provides access to a range of powerful instruments, including a magnet that can repeatedly produce a magnetic field 2 million times stronger than the Earth's.

NCSES

- According to the National Center for Science and Engineering Statistics, which is housed in NSF, Florida ranks 8th in the Academic research space. Visit Florida's science and engineering state profile to learn more!

3.61% of Florida's workforce are employed in S&E occupations.

9.68% of Florida's industries offer high-level science, engineering and technology occupations.

LEARN MORE

- NSF70 – In 2020, NSF commemorated its 70th anniversary and the 75th anniversary of the publication of Science - the Endless Frontier. Watch the highlight video for NSF's seven decades of funding the best and brightest ideas that have transformed our lives and established the U.S. as a science and technology leader.
- NSF FACT SHEETS – NSF provides fact sheets about the agency and its bold investments in basic research. These fact sheets profile NSF investments in research across all fields of science and engineering, including quantum, artificial intelligence, and advanced manufacturing, and the NSF-supported research and computing infrastructure powering the U.S. response to COVID-19.
- 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.