



PUERTO RICO

FY 2021 Fast Facts



\$18,977,000

Total NSF Awards to Puerto Rico



\$16,293,000

Invested in Fundamental Research in Puerto Rico



\$2,684,000

Invested in STEM Education in Puerto Rico



\$50,000

Invested in Puerto Rico startups

Top NSF-funded Academic Institutions for FY 2021

\$18,001,000

University of Puerto Rico, All campuses

\$300,000

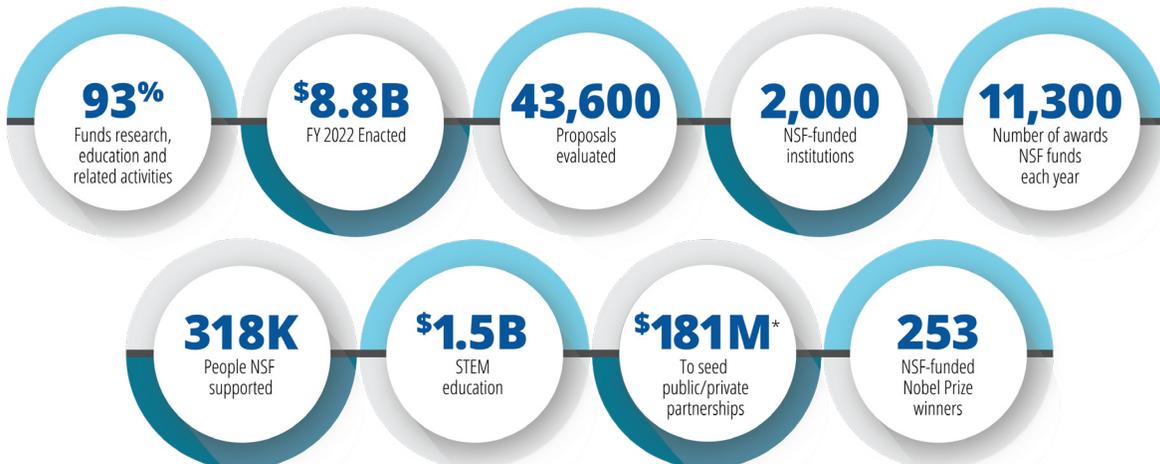
Inter American University Puerto Rico, San Juan

\$200,000

Pontifical Catholic University of Puerto Rico

NSF By The Numbers

The National Science Foundation (NSF) is an [\\$8.8 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.



Data represents FY 2021 Actuals unless otherwise indicated.
*Corresponds to NSF investments initiated in FY 2021 and spanning multiple years.



NSF-funded COVID-19 Research and Recovery

With NSF support, the **University of Puerto Rico Medical Sciences** campus will continue development of its Phase II Center for Environmental Neuroscience under NSF's CREST, Centers of Research Excellence in Science and Technology, program. Investigators and students will explore the impact of anthropogenic environmental degradation on nervous systems at the structural, physiological and behavioral levels. CREST supports the enhancement of research capabilities of minority-serving institutions through the establishment of centers that effectively integrate education and research. CREST promotes the development of new knowledge, enhancement of the research productivity of individual faculty, and an expanded presence of students historically underrepresented in STEM disciplines.



STEM Education & Broadening Participation

A Hispanic-serving institutions program at the **University of Puerto Rico-Rio Piedras** will provide experiences that will engage undergraduate students in the study of environmental science and lead to an expansion of this critical workforce by targeting students during their first two years as undergraduates. Incoming freshman will participate in a summer research project that will provide hands-on experiences to build excitement and contribute to a more thorough understanding of future careers. Students will engage in four content-rich courses with substantial field work components and will have opportunities to participate in community-facing internships.



Research Driving Innovation

The NSF-supported Center for Advanced Radio Sciences and Engineering at the **University of Puerto Rico Mayaguez**, or UPRM, will enable the development of integrated tools to resolve spectrum sharing and coexistence issues and improve performance on radio science observations through an innovation and collaboration ecosystem designed to elevate the science and engineering capacity at UPRM, Arecibo Observatory and Puerto Rico in general. The center will explore new concepts in radio astronomy, atmospheric sciences, spectrum monitoring and radio frequency interference mitigation, with a focus on scientific observations. It will improve research competitiveness of the engineering and academic communities in Puerto Rico by training a new generation of students through hands-on experience with leading-edge research infrastructure and internships. The creation of this center will foster new collaborations between Arecibo Observatory, the National Radio Astronomy Observatory, industry and the Puerto Rico academic community, which will both enrich radio sciences and engineering and position Puerto Rico students and scientists to participate strongly in future radio sciences projects.



EPSCoR

COMPETITIVE RESEARCH | Puerto Rico is one of 28 U.S. states or territories under [NSF's Established Program to Stimulate Competitive Research \(EPSCoR\)](#). Over **\$8,590,000** in awards have been made to Puerto Rico academic institutions through EPSCoR in FY 2021. For more information, visit [Puerto Rico's EPSCoR state web page](#).

NCSES

According to the [National Center for Science and Engineering Statistics \(NCSES\)](#), which is housed in NSF, **42%** of Science, Engineering and Health doctorates conferred in Puerto Rico are made in Psychology.

- **3.15%** of Puerto Rico's workforce are employed in S&E occupations.
- **27.23%** of Puerto Rico's higher education degrees are concentrated in S&E fields.

Learn More

COVID RELIEF - 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 (ARP) Act of 2021. For more information on NSF-funded COVID-19 research and recovery, visit NSF's award database for [CARES Act](#) and [ARP](#) awards, and NSF's Toolkit for [COVID funding updates](#).

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.