



U.S. National
Science Foundation

VIRGIN ISLANDS

FY 2023 Fast Facts



\$8,860,000
Total NSF Awards to Virgin Islands



\$6,951,000
Invested in Fundamental Research in Virgin Islands



\$1,909,000
Invested in STEM Education in Virgin Islands

Top NSF-funded Academic Institutions for FY 2023

University of the Virgin Islands
\$9,631,000

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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2415 Eisenhower Avenue | Alexandria, VA 22314



Expanding the Frontiers of Science

Marine diseases have devastating impacts on ocean ecosystems. Therefore, a team of NSF-funded ecologists, ocean connectivity and disease modelers, microbiologists and coral immunologists from the **University of Virgin Islands**, Rice University, Louisiana State University and Woods Hole Oceanographic Institution are monitoring the health of corals and biopsy coral tissues. Data generated by the effort will aid in developing a model that predicts coral disease transmission and its impacts on economically valuable coral reefs in the Gulf of Mexico. This project supports multidisciplinary field and laboratory research experiences of graduate students at multiple minority-serving institutions. It provides undergraduate students with hands-on training in modeling, ecological and molecular analysis techniques. By parsing the impacts of reef-scale community composition versus seascape-scale dispersal in disease transmission and persistence, this work helps reveal the potential resistance and resilience of isolated, coral-dense reefs to diseases that decimate these ecosystems across the wider Caribbean.



STEM Education and Broadening Participation

Historically Black colleges and universities administrative and faculty leaders are seeking to make strategic decisions that will position their institutions, as well as the nation, for continued broadening participation and academic success to prepare the next generation to enter the science, technology, engineering and mathematics workforce of the future. To this end, the Center for the Advancement of STEM Leadership, a Broadening Participation Research Center funded through the NSF Historically Black Colleges and Universities - Undergraduate Program, will leverage its research findings and innovations to empower STEM leaders for increased broadening participation success. Designed to be the nation's premier research center examining how academic leadership can broaden the participation of African Americans and other underrepresented groups in STEM, the **University of the Virgin Islands**, in collaboration with North Carolina Agricultural and Technological State University, Fielding Graduate University and the American Association of Colleges and Universities, engage the power of established theoretical frameworks, considers the complex cultural and institutional contexts of HBCUs grounded in African American heritage and examines how HBCU STEM leaders navigate their institutions to achieve successful broadening participation outcomes.



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 | Virgin Islands is one of 28 U.S. states or territories under the [NSF Established Program to Stimulate Competitive Research \(EPSCoR\)](#). **\$6,539,019** in awards have been made to Virgin Islands academic institutions through EPSCoR in FY 2023. For more information, visit Virgin Islands's EPSCoR state web page.



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.](#)

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