



U.S. National Science Foundation



2025 marks the 75th anniversary of NSF. Throughout the year, the agency will host in-person and virtual activities to commemorate this significant milestone. For more information, visit: [nsf.gov/75years](https://www.nsf.gov/75years)

VIRGIN ISLANDS

● FAST FACTS



\$2,537,000

Total NSF Awards to Virgin Islands



\$1,537,000

Invested in Fundamental Research in Virgin Islands



\$1,000,000

Invested in STEM Education in Virgin Islands

● TOP NSF-FUNDED ACADEMIC INSTITUTIONS

University of the Virgin Islands

\$2,537,000

● NSF BY THE NUMBERS

The U.S. National Science Foundation (NSF) is an independent federal agency created by Congress in 1950 to promote the progress of science; to advance the national health, prosperity, and welfare; and to secure the national defense. To fulfill this vital role, NSF supports basic research and researchers who create knowledge that transforms the future.

DID YOU KNOW? NSF has funded the work of **268** Nobel Prize winners over 75 years.



\$9.06B

FY 2024
Total Enacted

92%
Funds research, education and related activities



11K
Awards



1.9K
Institutions



358K
People

"Data represents FY 2024 Actuals unless otherwise indicated"



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INNOVATION | *Generating new knowledge that provides a greater understanding of the world around us*

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. This project supports multidisciplinary field and laboratory research experiences of graduate students at multiple minority-serving institutions. It also provides undergraduate students with hands-on training in ecological and molecular analysis techniques and modeling. 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.



EXPANDING FRONTIERS | *Generating institutional capacity, new technologies and societal impact*

The Partnering to Advance Research And Drive Innovation on Sustainability and the Environment (PARADISE) project at the **University of the Virgin Islands (UVI)** addresses the unique challenges faced by physically isolated communities, or "islanded communities," in building collaborative partnerships and enhancing research capacity. These communities, represented by UVI, Hawai'i Pacific University, and Paul Smith's College, are on the front lines of critical environmental issues impacting public health, economic development and biodiversity loss. PARADISE enables the cohort to make strategic investments in internal capacity, facilitate collaborative exchanges and establish a professional learning network, thereby fostering a culture of continuous improvement and innovation. The goals of PARADISE include strengthening administrative infrastructure, providing incentives for faculty and student research and developing training resources to enhance collaboration between academia and industry. By increasing research and development capacity, these colleges and universities will contribute to solving pressing environmental problems and supporting productive economic growth in their regions.



EDUCATION AND WORKFORCE | *Supporting our STEM talent of today and tomorrow*

An NSF Scholarships in STEM project at the **University of the Virgin Islands** is providing two-year scholarships to 36 full-time graduate students who are pursuing a Master of Science in Marine and Environmental Science degree. The project aims to increase student success in STEM fields by linking scholarships with effective supporting activities, including mentoring, research experiences, service learning, outreach projects, professional development and participation in discipline-specific conferences. In addition, the scholars conduct research that has regional significance and have the opportunity to partner with potential employers. By analyzing the effectiveness of student recruitment, curriculum and co-curricular activities, the project will identify practices with high impact for students and adapt them to maximize their effect.

COMPETITIVE RESEARCH

VIRGIN ISLANDS is one of 28 U.S. states or territories under the NSF Established Program to Stimulate Competitive Research (EPSCoR). For more information, visit **VIRGIN ISLANDS'S EPSCoR state web page**.

NCSES

The [National Center for Science and Engineering Statistics \(NCSES\)](#) within the U.S. National Science Foundation is the nation's leading provider of statistical data on the U.S. science and engineering enterprise. As a principal federal statistical agency, NCSES conducts nationally representative surveys and publishes objective data and reports on topics related to research and development, the science and engineering workforce, and STEM education. For example, in FY 2024, **Virgin Islands** invested **\$0** on research and development.

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

LEARN MORE

- **BROUGHT TO YOU BY NSF** – NSF has invested in discoveries, inventions, and innovations that have shaped the modern world, including the internet, 3D printing, American Sign Language, Magnetic Resonance Imaging (MRI), deep sea exploration, Doppler radar and more. For more information on NSF impacts, please visit: [nsf.gov/impacts](https://www.nsf.gov/impacts).
- **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](#).
- **FOSTERING INNOVATION** – Every year, NSF funds around 400 companies across nearly all technology areas to create prototypes and commercialize technologies. Learn more at [seedfund.nsf.gov](https://www.seedfund.nsf.gov).