VIRGIN ISLANDS

FY 2022 Fast Facts

- **$9,631,000**
  - Total NSF Awards to Virgin Islands
- **$8,686,000**
  - Invested in Fundamental Research in Virgin Islands
- **$945,000**
  - Invested in STEM Education in Virgin Islands

Top NSF-funded Academic Institution for FY 2022

- **University of the Virgin Islands**
  - $9,631,284

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

As the environment continues to change through both natural and human influenced means, catastrophic events, such as hurricanes, are projected to have much larger devastating effects on small island territories such as the U.S. Virgin Islands. Researchers at the University of the Virgin Islands want to study the effects of the interlinked island and reef system by using multiple scientific methods and state-of-the-art techniques to understand how coral reefs and the plants and animals that live in them recovered from the 2017 hurricanes. They are also investigating how natural systems such as mangroves and seagrass can be used to stabilize their environment, for example, by acting as natural water filters. The project is also addressing the need to build an educated workforce and is helping local communities play an active role in the stewardship of their islands. The research is funded by an award from NSF’s EPSCoR, or Established Program to Stimulate Cooperative Research.

STEM Education and Broadening Participation

The Broadening Participation Research Centers collaboration at the University of the Virgin Islands, Fielding Graduate University, North Carolina Agricultural and Technical State University, and the Association of American Colleges and Universities is establishing the Center for the Advancement of STEM Leadership, or CASL. Broadening Participation Research Centers provide support to historically Black colleges and universities, or HBCUs, to conduct broadening participation research and serve as national hubs for the rigorous study and broad dissemination of the critical theories, structures and pedagogies, as well as culturally sensitive interventions that contribute to the success of HBCUs in educating African American STEM undergraduates. Among higher education institutions, HBCUs have a sustained record of consistently producing a diverse group of STEM graduates who are prepared for further education and the STEM workforce. Through research, CASL seeks to determine how the leadership of HBCUs has contributed to this consistent, sustained success and then to use that knowledge to prepare future leaders. Through disseminating its research findings and its leadership development model, ultimately CASL will allow all higher education, and the nation, to benefit from the experience and lessons of HBCUs in broadening participation.

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.

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