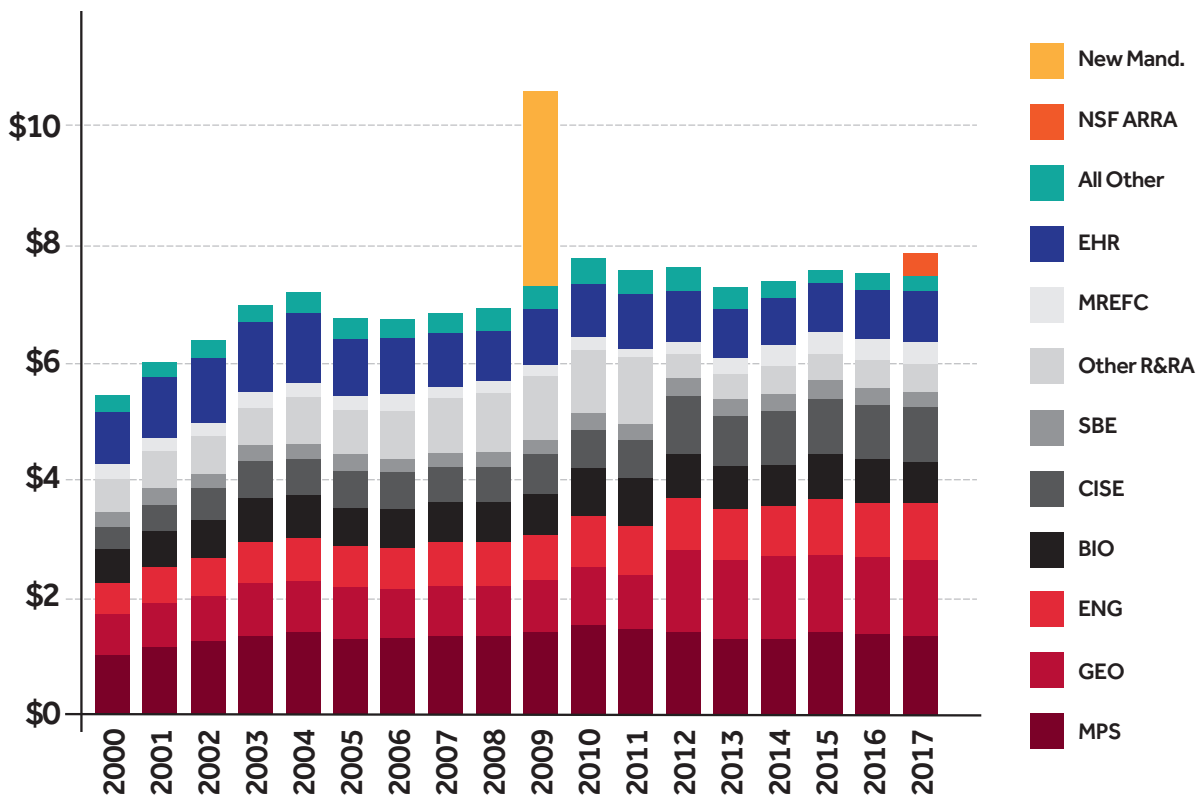


NATIONAL SCIENCE FOUNDATION

STONY BROOK UNIVERSITY urges Congress to provide at least \$8.45 billion for the National Science Foundation in FY19.

The National Science Foundation is the cornerstone of America's basic research enterprise. NSF is committed to the high-risk, fundamental, interdisciplinary, and ground-breaking research and education needed to ensure that the U.S. remains competitive in the decades ahead. NSF competitively awards grants to support research and education, as well as scientific equipment & infrastructure. NSF is a leader among federal agencies in its support of science, technology, engineering, and math (STEM) education.

NATIONAL SCIENCE FOUNDATION BUDGET BUDGET AUTHORITY IN BILLIONS OF CONSTANT FY 2016 DOLLARS



Source: AAAS, 2017

SBU strongly supports continued federal investment in merit-reviewed research across all fields of study, including: the Biology Sciences; Computer & Information Sciences; Engineering, Geosciences; Mathematical and Physical Sciences; and Social and Behavioral Sciences.

Highlights from SBU'S NSF Funded Research:

- Build the foundation for a future smart environment—developing technology to control and interact with all of the objects around us
- Developing technologies that provide deeper insights as to how malware distribution systems are deployed, operated and interlinked with open web sources in order to defeat cybercriminals
- Developing the next-generation visual and decision support tools harnessing Big Data

NSF provides funding for discovery, learning, innovation, and research infrastructure to strengthen U.S. leadership and competitiveness in science, technology, engineering, and educational research.



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