

ABSTRACT

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"Enabling the Future of U.S. Innovation"

The globalization of science and engineering has intensified the competition to transform knowledge into applications, driving shorter innovation cycles and collaborations enabled by information technology. The American Competitiveness Initiative, which names the National Science Foundation as a lead agency, emphasizes that the U.S. ability to compete and lead in this environment depends more than ever on fundamental discovery and innovation, world-class facilities and infrastructure, and science and math education.

NSF provides stewardship and support for researchers to advance discovery and innovation at the frontiers of science and engineering; for domestic and international partnerships that build new bridges between knowledge and application; and for the development of the cyberinfrastructure that speeds these processes. We also have major responsibility for educating and training a science and engineering workforce skilled in embracing new information and technology, and collaborating across disciplines and borders.