

A monthly message from NSF's director.



A Message from the Director

Welcome! I'm excited to be able to share, through this newsletter, some of the many important innovations the National Science Foundation (NSF) supports that are making an impact on U.S. industry, education, health care, national security and global competitiveness. NSF-supported research not only enhances these areas, but also improves the quality of life for each of us.

NSF funding is crucial to the basic research and development of technologies that underpin the fabric of our everyday lives. Consider, for instance, what life would be like without the Internet, barcodes, Google or the laser. We couldn't keep in touch on Facebook, check out of the grocery store on our own, search for the nearest restaurant in a new city or see clearly without glasses. At some point in the development of each of these technologies, NSF funding of basic research has played a role.



Ensuring the U.S. remains competitive globally requires that the nation continue to innovate. NSF's mission, "to promote the progress of science," is crucial to fulfilling this need. Through innovation, NSF creates the means to increase America's economic strength and secure our place as a global leader.

Dr. France A. Córdoba
Director, National Science Foundation
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Where Discoveries Begin...



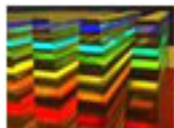
[Cybersecurity: Tech, tools and training to safeguard the future](#)

Cybersecurity is one of the defining issues of our time. Cutting-edge, NSF-supported social and technical research – as well as education and workforce development programs – are helping protect our national and personal security.



[New Innovative Tool to Diagnose Glaucoma](#)

A model of blood flow in the eye may help ophthalmologists more precisely diagnose glaucoma, the second leading cause of blindness in the world.



[Height of Light: Progress in lasers and other light sources](#)

Light-based technologies enable our modern lifestyles, from high-speed communications to observatories that glimpse at the universe's origins to advances in manufacturing.

What's Next?

[Webinar on Integrative Strategies for Understanding Neural and Cognitive Systems](#) – 11/23/15

American Geophysical Union Fall Meeting

Director giving Union Agency Lecture

12/15/15 at 12:30 PM

San Francisco, CA

[Community College Innovation Challenge](#) – Deadline for entries: 2/15/16

Tell us how NSF is making a difference in your community



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