



## NATIONAL SCIENCE FOUNDATION

### Funding Highlights:

- Provides \$7 billion for the National Science Foundation, a 16-percent increase over the 2008 level, as part of the President's Plan for Science and Innovation.
- Increases support for graduate research fellowships and for early-career researchers.
- Increases support for the education of technicians in the high-technology fields that drive the Nation's economy.
- Encourages more novel high-risk, high-reward research proposals.
- Increases support for critical research priorities in global climate change.

**Invests in the Sciences.** Investments in science and technology foster economic growth, create millions of high-tech, high-wage jobs that allow American workers to lead the global economy, improve the quality of life for all Americans, and strengthen our national security. For these reasons, the Budget doubles funding for basic research over 10 years, beginning with \$3 billion for the National Science Foundation (NSF) in the American Recovery and Reinvestment Act of 2009 and a 2010 Budget that increases NSF funding by \$950 million over 2008.

**Supports Researchers at the Beginning of Their Careers.** Ensuring America's economic competitiveness requires that we develop the future scientific and technical workforce for our universities, national labs, and companies. To help accomplish these goals, the Budget provides substantial increases for NSF's prestigious Graduate Research Fellowship and Faculty Early Career Development programs.

**Strengthens the Education of Technicians in High-Technology Fields.** The Budget increases support for the Advanced Technological Education program, which focuses on two-year colleges and supports partnerships between academic institutions and employers to promote improvement in the education of science and engineering technicians.

**Encourages Promising High-Risk Research.** The Budget increases support for promising, but exploratory and high-risk research proposals that could fundamentally alter our understanding of nature, revolutionize fields of science, and lead to radically new technologies.

**Makes Climate Change Research and Education a Priority.** The Budget supports research to improve our ability to predict future environmental conditions and to develop strategies for responding to global environmental change. The Budget establishes a climate change education program to help develop the next generation of environmentally engaged scientists and engineers.

