



## National Nanotechnology Initiative (NNI) Funding Opportunities at NSF in FY 2013

[www.nsf.gov/nano](http://www.nsf.gov/nano)

For fiscal year 2013, the National Science Foundation budget request for the National Nanotechnology Initiative (NNI) is approximately \$435 million. All participating research and education directorates accept proposals in nanoscale science and engineering, education, innovation, including with an international component, following a competitive selection process. The participating directorates are: Biological Sciences (BIO), Computer and Information Science & Engineering (CISE), Engineering (ENG), Geosciences (GEO), Mathematical and Physical Sciences (MPS), Social, Behavioral and Economic Sciences (SBE), and Education and Human Resources (EHR).

General information about NNI specific programs can be found on [www.nsf.gov/nano](http://www.nsf.gov/nano) and about NSF's core programs on [http://www.nsf.gov/funding/research\\_edu\\_community.jsp](http://www.nsf.gov/funding/research_edu_community.jsp). The NSF award database including about 5,000 active awards contributing to nanoscale science and engineering can be accessed from [www.nsf.gov/nano](http://www.nsf.gov/nano).

NSF supports nanoscale science and engineering in fiscal year 2013 in multiple ways:

- Competitive awards in existing (core) programs in the research and education directorates, including interdisciplinary team research proposals.
- NSF Announcement 13-560: Nanosystems Engineering Research Centers (NERC), part of Gen-3 Engineering Research Centers
- NSF Announcement 13-545: Scalable Nanomanufacturing
- NSF Announcement 13-541: Nanotechnology undergraduate Education
- The Small Business Innovative Research (SBIR) and Small Business Technology Transfer (STTR) programs: <http://www.nsf.gov/eng/iip/sbir/>
- Also, it is expected that most of the program solicitations competed in FY 2012 will continue in FY 2013. Such solicitations will be announced on this website at the time of publication.
- International supplements. Awards made in previous fiscal years for individual investigators, groups, centers, and user facilities can be supplemented by the programs.

Research and education areas in nanoscale science and engineering are inherently interdisciplinary, and proposals for collaborative approaches are encouraged to address research and education themes with a synergistic blend of expertise as appropriate. Each successful proposal may be funded by either one or more programs. Various deadlines and target dates apply for new proposals. For further guidance, investigators are encouraged to read the NSF Guide to programs, consult the NSF website [www.nsf.gov/nano](http://www.nsf.gov/nano), and contact an NSF program director in their area of interest prior to submitting a proposal.

**National Science Foundation  
National Nanotechnology Initiative Summary  
FY 2013 Congress Budget Request**

**NNI Funding**  
(Dollars in Millions)

	FY 2011 Actual	FY 2012 Estimate	FY 2013 Request
Biological Sciences	\$56.36	\$56.10	\$57.10
Computer and Information Science and Engineering	17.45	17.75	17.75
Engineering	181.59	166.37	174.37
Geosciences	0.85	0.85	0.75
Mathematical and Physical Sciences	224.56	183.16	183.16
Social, Behavioral and Economic Sciences	1.67	1.67	1.67
Office of International Science and Engineering	0.10	0.10	0.10
Subtotal, Research and Related Activities	482.58	426.00	434.90
Education and Human Resources	2.50	-	-
<b>Total, National Nanotechnology Initiative</b>	<b>\$485.08</b>	<b>\$426.00</b>	<b>\$434.90</b>

Totals may not add due to rounding.