National Nanotechnology Initiative (NNI) Funding Opportunities at NSF in FY 2014
(www.nsf.gov/nano)

For fiscal year 2014, the National Science Foundation budget estimate for the National Nanotechnology Initiative (NNI) is approximately $410.61 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 and about NSF's core programs on 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 .

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.

- Nanosystems Engineering Research Centers (NERC), part of Gen-3 Engineering Research Centers

- Scalable Nanomanufacturing

- Nanotechnology Undergraduate Education (NSF Announcement 14-541)

- 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 2013 will continue in FY 2014. 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, and contact an NSF program director in their area of interest prior to submitting a proposal.

National Science Foundation
National Nanotechnology Initiative Summary
FY 2014 Congress Budget Request

Total Funding for NNI
(Dollars in Millions)

	FY 2012 Actual	FY 2012 Enacted/ Annualized FY 2013 CR	FY 2014 Request
Biological Sciences	$54.07	$56.10	$57.10
Computer and Information Science and Engineering	13.89	17.75	14.00
Education and Human Resources	2.50	-	2.50
Engineering	183.22	166.37	174.75
Geosciences	0.85	0.85	0.30
Mathematical and Physical Sciences	209.99	183.16	181.56
Social, Behavioral and Economic Sciences	1.67	1.67	0.60
Office of International and Integrative Activities	0.10	0.10	0.10
Total	**$466.29**	**$426.00**	**$430.91**

Totals may not add due to rounding.

FY 2014 Request	$57.10	$14.00	$174.75	$0.30	$181.56	$0.60	$0.10	$428.41	$2.50	$430.91
1a NSI1 - Nanotechnology for Solar Energy	7.67		7.00		17.00			31.67		31.67
1b NSI2 - Sustainable Nanomanufacturing			23.00		0.40			23.40		23.40
1c NSI3 - Nanoelectronics for 2020 and Beyond		3.83	24.00		15.00			42.83		42.83
1d NSI4 - Nanotechnology for Knowledge Infrastructure			20.00					20.00		20.00
1e NSI5 - Nanotechnology for Sensors			7.00					7.00		7.00
1 Nanotechnology Signature Initiatives	7.67	3.83	81.00		32.40			124.90		124.90
2 Foundational Research	33.31	2.50	29.00		116.88	0.18		181.87		181.87
3 Nanotechnology-Enabled Applications, Devices, and Systems	0.50	7.07	36.00		2.00			45.57		45.57
4 Research infrastructure and Instrumentation	7.00	0.60	14.25	0.30	24.07		0.10	46.32	2.50	48.82
5 Environment, Health and Safety	8.62		14.50		6.21	0.42		29.75		29.75