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Coldenting of Distorer	NSF	R&R	A Bu	dget	(\$M)		
					FY 2011 Request			
	FY 2009 Omnibus	FY 2009 ARRA	FY 2010	FY 2011	Change FY 200 Omnib	09	Change FY 201 Estima	10
Directorate	Actual	Actual	Estimate	Request	Amt	%	Amt	%
BIO	\$656.62	\$260.00	\$714.54	\$767.81	\$111.19	16.9	\$53.27	7.5
CISE	574.50	235.00	618.83	684.51	110.01	19.1	65.68	10.6
ENG (less SBIR/STTR)	574.60	215.08	618.16	682.81	108.21	15.8	64.65	10.5
SBIR/STTR	90.39	49.91	125.77	142.86	52.47	36.7	17.09	13.6
GEO	808.53	347.00	889.64	955.29	146.76	18.2	65.65	7.4
MPS	1243.88	474.97	1,351.84	1,409.91	166.03	13.3	58.07	4.3
SBE	240.56	84.97	255.25	268.79	28.23	11.7	13.54	5.3
OCI	199.23	80.00	214.28	228.07	28.84	14.5	13.79	6.4
OISE	47.45	13.98	47.83	53.26	5.81	12.2	5.43	11.4
OPP	473.55	171.89	505.16	527.99	54.44	11.5	22.83	4.5
IA	241.58	129.85	275.04	295.93	54.35	22.5	20.89	7.6
U.S. Arctic Research Commission	1.50	0.00	1.58	1.60	0.10	6.7	0.02	1.3
Research & Related Activities	\$5,152.39	\$2,062.64	\$5,617.92	\$6,018.83	\$866.44	16.8	\$400.91	7.1





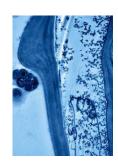




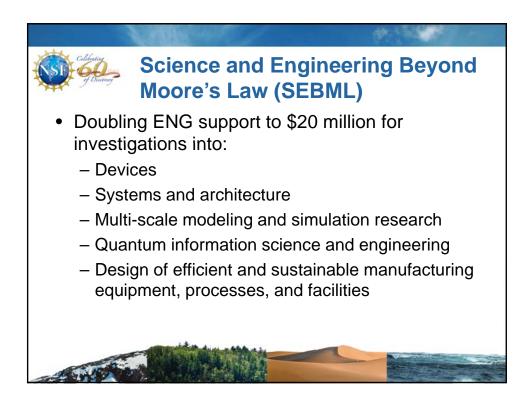


National Nanotechnology Initiative

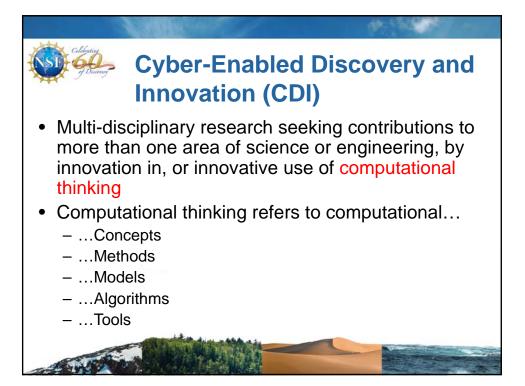
- Nanomaterials and nanodevices
 - Computing
 - Communications
 - Sensing
 - Energy (for example, solar)
- Nanosystems
- Nanomanufacturing
- Environment, health, and safety



Uptake of C70 nanoparticles and their aggregation within a rice plant leaf cell. Credit: JoAn Hudson, Sijie Lin, and Pu Chun Ke, Clemson University











Long-term Funding for Cyber-enabled Discovery and Innovation

• All NSF directorates are participating in this activity (*subject to budget approval*)

Actual	\$40M	>\$40M	?	?	?
In Solicitation	\$26M	\$26M	\$26M	?	?
Total request/plan	\$48M (\$52M)	\$77M (\$100M)	~\$103M (\$150M)	? (\$200M)	? (\$250M)?
	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012







