



Nuclear Physics at NSF

- Budgets (FY2008-09)
- Special Programs
- Dates
- People



Nuclear Physics FY2008

- NSCL operations: flat (not +\$1M)
- Nuclear Theory and Experiment: down 5%
 - "class of 2005"
 - Out-year adjustments made to move some impact to FY2009 and FY2010
- FY2008 supplemental appropriation:
 - Physics Division impact: facility ops
 - Partial restoration of NSCL ops

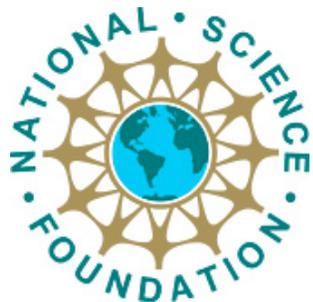


FY2009 R&RA Budget Request

Research and Related Activities
(Dollars in Millions)

	FY 2007 Actual	FY 2008 Estimate	FY 2009 Request	Change over	
				FY 2008 Estimate Amount	Percent
Biological Sciences	\$608.54	\$612.02	\$675.06	\$63.04	10.3%
Computer and Information Science and Engineering	526.68	534.53	638.76	104.23	19.5%
Engineering	629.99	636.87	759.33	122.46	19.2%
Geosciences	745.85	752.66	848.67	96.01	12.8%
Mathematical and Physical Sciences	1,150.73	1,167.31	1,402.67	235.36	20.2%
Social, Behavioral and Economic Sciences	214.54	215.13	233.48	18.35	8.5%
Office of Cyberinfrastructure	182.42	185.33	220.08	34.75	18.8%
Office of International Science and Engineering ¹	40.36	41.34	47.44	6.10	14.8%
Office of Polar Programs	438.43	442.54	490.97	48.43	10.9%
Integrative Activities ²	219.45	232.27	276.00	43.73	18.8%
U.S. Arctic Research Commission	1.45	1.47	1.53	0.06	4.1%
Total, Research and Related Activities	\$4,758.44	\$4,821.47	\$5,593.99	\$772.52	16.0%

Totals may not add due to rounding.

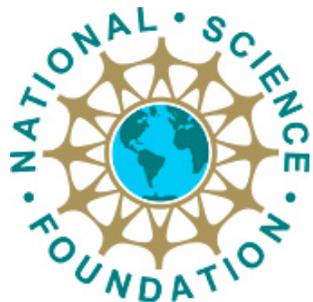


FY2009 MPS Budget Request

Mathematical and Physical Sciences Funding (Dollars in Millions)

	FY 2007 Actual	FY 2008 Estimate	FY 2009 Request	Change over FY 2008 Estimate	
				Amount	Percent
Astronomical Sciences	\$215.39	\$217.86	\$250.01	\$32.15	14.8%
Chemistry	191.22	194.22	244.67	50.45	26.0%
Materials Research	257.27	260.22	324.59	64.37	24.7%
Mathematical Sciences	205.74	211.79	245.70	33.91	16.0%
Physics	248.47	250.52	297.70	47.18	18.8%
Multidisciplinary Activities	32.64	32.70	40.00	7.30	22.3%
Total, MPS	\$1,150.73	\$1,167.31	\$1,402.67	\$235.36	20.2%

Totals may not add due to rounding.



FY2009 Physics Division Budget Request

Physics Funding (Dollars in Millions)

	FY 2007 Actual	FY 2008 Estimate	FY 2009 Request	Change over FY 2008 Estimate	
				Amount	Percent
Physics	\$248.47	\$250.52	\$297.70	47.18	18.8%
Major Components:					
Research and Education Grants	156.33	162.95	213.69	50.74	31.1%
Centers	7.68	6.36	6.36	-	-
Facilities	84.46	81.21	77.65	-3.56	-4.4%
Laser Interferometer Gravitational Wave Observatory	33.00	29.50	28.50	-1.00	-3.4%
Large Hadron Collider	18.00	18.00	18.00	-	-
IceCube Neutrino Observatory	0.25	1.50	2.15	0.65	43.3%
National Superconducting Cyclotron Laboratory	18.50	18.50	20.50	2.00	10.8%
Cornell Electron Storage Ring	14.71	13.71	8.50	-5.21	-38.0%

Totals may not add due to rounding.



Special Programs

FY2008→FY2009

- Physics Division
 - DUSEL R&D
 - Physics at the Information Frontier
- Cyber-Enabled Discovery and Innovation (CDI)
 - Some NP participation in proposals and panels
- Major Research Instrumentation
 - Cost sharing 30%
 - Maximum request \$4M
- Domestic Nuclear Detection (with DHS)



FY2009 Proposal Submission

Physics Division Target Date
For Most Programs (including NP):

Wednesday, September 24, 2008



People

- NSF Director: Arden Bement
- NSF Deputy Director: Kathie Olsen
- MPS Assistant Director: T. Chan
- MPS Deputy Assistant Director: Jack Lightbody
- Physics Division Director: Joe Dehmer
- Nuclear Physics
 - B. Keister
 - A. Opper (starting Aug. 18)