

**Clinton Administration Submits FY 1998 Budget Proposal**

President Clinton announced his FY 1998 budget proposal in February 1997, which shows an overall increase from 1997 appropriations estimate for research and development (R&D) (see Table I). The request for defense R&D increased slightly (0.5%) while the request for nondefense R&D showed an increase of 4.3%. Broken down between basic and applied research, the administration requested a 2.8% increase in the former and a 4.3% increase in the latter.

By department, the administration requested \$7,312 million for the Department of Energy (DOE) and \$1,115 million for the Department of Commerce. DOE initially requested \$2.5 billion to fund basic research at its national laboratories and universities. The request supported the National Spallation Neutron Source at Oak Ridge National Laboratory that will be used for research in areas such as materials and electronics, and for a key Clinton administration initiative on the development of the Next Generation Internet which will move information up to 1,000 times faster than the current Internet.

Among governmental agencies, the proposal requested \$2,553 million for the National Science Foundation (NSF), an increase of 3.9% from 1997. NSF's investments are distributed across four key program functions (see Table II for NSF's estimated requests). For an analysis of the FY 1998 Budget for R&D, contact the American Association for the Advancement of Science (AAAS) for the *AAAS Preliminary Analysis of R&D in the FY 1998 Budget* and the *AAAS Report XXII: Research and Development FY 1998* from AAAS, 1200 New York Ave., NW, Washington, D.C. 20005; 202-326-6400; <http://www.aaas.org/>.

**ATP Opens Four Competitions**

Four Advanced Technology Program (ATP) competitions have been announced by the Commerce Department's National Institute of Standards and Technology. The competitions will provide a total of up to \$57 million in first-year, cost-shared funding. Up to \$12 million is available for the Tissue Engineering focus area. Up to \$15 million is available in each of three ATP technology focus areas: Digital Data Storage, Component Based Software and Technologies for the Integration of Manufacturing Applications.

The deadline for the submission of proposals to the Tissue Engineering competition is 3 p.m. Eastern time, **June 11, 1997**. The deadline for each of the other three focus areas is **May 28, 1997**.

For more information, contact ATP, National Institute of Standards and Techno-

**Table I. Summary of Research and Development in the President's FY 1998 Budget Request** (Budget authority in millions of dollars)

	FY1997 Estimate	FY1998 Request	97-98 % change
Defense R&D <sup>a</sup>	40,269	40,481	0.5%
Nondefense R&D <sup>a</sup>	33,552	34,988	4.3%
Basic Research	14,885	15,303	2.8%
Applied Research	14,529	15,159	4.3%
Development	42,153	41,636	-1.2%
R&D Facilities <sup>a</sup>	2,254	3,371	49.6%
<b>By Department</b>			
Defense (military)	37,461	36,780	-1.8%
Energy <sup>a</sup>	6,186	7,312	18.2%
Commerce	1,050	1,115	6.2%
Education	185	210	13.5%
<b>By Agency</b>			
NASA	9,314	9,603	3.1%
Nat'l Science Foundation	2,458	2,553	3.9%
Environ. Protection Agency	504	555	10.1%

Sources: AAAS, based on Office of Management and Budget data for R&D for FY 1998 and agency budget justifications.  
<sup>a</sup> DOE figures include proposed upfront funding for fixed assets.

**Table II. Summary of Research and Development in NSF's FY 1998 Budget Request** (Budget authority in millions of dollars)

	FY 1997 Estimate	FY 1998 Estimate
NSF	3,270	3,367
• Research Project Support	1,823	1,872
• Research Facilities	662	684
• Education and Training	646	669
• Administration and Management	139	142

Source: The National Science Foundation.

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**NIST FY 1998 Budget Proposal Requests Increases for ATP, MEP**

President Clinton's FY 1998 budget request to Congress included \$692.5 million for the Technology Administration's National Institute of Standards and Technology (NIST). The NIST FY 1998 budget request is divided into three appropriations: \$399 million for extramural programs, including \$275.6 million for the Advanced Technology Program (ATP) and \$123.4 million for the Manufacturing Extension Partnership (MEP); \$276.8 million for measurements and standards research by the NIST Laboratory Program and support for the Baldrige National Quality Program; and \$16.7 million for critical maintenance and fire and safety upgrades of NIST facilities (see Table).

**Table. Summary of R&D in NIST's FY 1998 Budget Request** (Budget authority in thousands of dollars)

	FY 1997 Approp.	FY 1998 Request
NIST	572,000	692,544
<i>Industrial Technology Services (ITS)</i>		
•Advanced Technology Program	225,000	275,600
•Manufacturing Extension Partnership	95,000	123,400
<i>Scientific &amp; Technical Research &amp; Services (STRS)</i>		
•Laboratory Program	265,020	271,563
•Baldrige National Quality Program	2,980	5,289
<i>Construction of Research Facilities (CRF)</i>		
•Construction and Major Renovations	(16,000) <sup>a</sup>	0
•Modifications and Improvements	0	16,692

Source: The National Institute of Science and Technology (NIST). See the NIST website: [http://www.nist.gov/public\\_affairs/budget/98budget\\_hilite.htm](http://www.nist.gov/public_affairs/budget/98budget_hilite.htm)

<sup>a</sup> Pursuant to P.L. 104-208, \$16M is rescinded from prior year balances.