

## LEVEL OF FUNDING BY PROGRAM

(Dollars in Thousands)						
PROGRAM	FY 1999 ACTUAL	FY 2000 REQUEST	FY 2000 CURRENT PLAN	FY 2001 REQUEST	CHANGE FY 2001 Req/FY00 Curr AMOUNT PERCENT	
<b><u>BIOLOGICAL SCIENCES</u></b>						
<i>MOLECULAR AND CELLULAR BIOSCIENCES</i>						
Molecular & Cellular Biosciences Research Projects	\$101,274	\$105,010	\$105,260	\$133,150	\$27,890	26.5%
<b>Total</b>	101,274	105,010	105,260	133,150	27,890	26.5%
<i>INTEGRATIVE BIOLOGY AND NEUROSCIENCE</i>						
Integrative Biology & Neuroscience Research Projects	90,683	94,255	94,630	119,690	25,060	26.5%
<b>Total</b>	90,683	94,255	94,630	119,690	25,060	26.5%
<i>ENVIRONMENTAL BIOLOGY</i>						
Environmental Biology Research Projects	86,178	89,450	89,832	119,230	29,398	32.7%
<b>Total</b>	86,178	89,450	89,832	119,230	29,398	32.7%
<i>BIOLOGICAL INFRASTRUCTURE</i>						
Research Resources	48,535	47,821	49,440	62,710	13,270	26.8%
Human Resources	15,107	17,084	15,640	16,730	1,090	7.0%
<b>Total</b>	63,642	64,905	65,080	79,440	14,360	22.1%
<i>PLANT GENOME RESEARCH</i>						
Plant Genome Research Projects	50,325	55,000	59,630	59,630	0	0.0%
<b>Total</b>	50,325	55,000	59,630	59,630	0	0.0%
<b>Total, BIO</b>	\$392,102	\$408,620	\$414,432	\$511,140	\$96,708	23.3%

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					FY 2001 Req/ AMOUNT	FY00 Curr Plan PERCENT
<b>COMPUTER AND INFORMATION SCIENCE AND ENGINEERING</b>						
<i>COMPUTER-COMMUNICATIONS RESEARCH</i>						
Computer-Communications Research	\$60,344	\$62,230	\$60,160	\$69,160	\$9,000	15.0%
<b>Total</b>	60,344	62,230	60,160	69,160	9,000	15.0%
<i>INFORMATION AND INTELLIGENT SYSTEMS</i>						
Information and Intelligent Systems Research	41,216	43,050	41,620	53,700	12,080	29.0%
<b>Total</b>	41,216	43,050	41,620	53,700	12,080	29.0%
<i>EXPERIMENTAL AND INTEGRATIVE ACTIVITIES</i>						
Experimental and Integrative Activities	57,573	59,870	57,620	63,320	5,700	9.9%
<b>Total</b>	57,573	59,870	57,620	63,320	5,700	9.9%
<i>ADVANCED COMPUTATIONAL INFRASTRUCTURE AND RESEARCH</i>						
Advanced Computational Infrastructure	69,046	77,800	70,830	75,830	5,000	7.1%
Advanced Computational Research	8,999	7,600	7,270	8,320	1,050	14.4%
<b>Total</b>	78,045	85,400	78,100	84,150	6,050	7.7%
<i>ADVANCED NETWORKING INFRASTRUCTURE AND RESEARCH</i>						
Advanced Networking Infrastructure	42,265	44,560	43,900	45,400	1,500	3.4%
Advanced Networking Research	19,109	17,420	17,020	23,370	6,350	37.3%
<b>Total</b>	61,374	61,980	60,920	68,770	7,850	12.9%
<i>INFORMATION TECHNOLOGY RESEARCH (ITR)</i>						
Information Technology Research (ITR)	0	110,000	90,000	190,000	100,000	111.1%
<b>Total</b>	0	110,000	90,000	190,000	100,000	111.1%
<b>Total, CISE</b>	<b>\$298,552</b>	<b>\$422,530</b>	<b>\$388,420</b>	<b>\$529,100</b>	<b>\$140,680</b>	<b>36.2%</b>

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<b>ENGINEERING</b>						
<i>BIOENGINEERING AND ENVIRONMENTAL SYSTEMS</i>						
Bioengineering and Environmental Systems	\$32,111	\$34,020	\$34,270	\$42,050	\$7,780	22.7%
<b>Total</b>	<b>32,111</b>	<b>34,020</b>	<b>34,270</b>	<b>42,050</b>	<b>7,780</b>	<b>22.7%</b>
<i>CHEMICAL AND TRANSPORT SYSTEMS</i>						
Chemical and Transport Systems	41,888	44,040	44,320	54,390	10,070	22.7%
<b>Total</b>	<b>41,888</b>	<b>44,040</b>	<b>44,320</b>	<b>54,390</b>	<b>10,070</b>	<b>22.7%</b>
<i>CIVIL AND MECHANICAL SYSTEMS</i>						
Civil and Mechanical Systems	48,076	48,330	48,240	56,190	7,950	16.5%
<b>Total</b>	<b>48,076</b>	<b>48,330</b>	<b>48,240</b>	<b>56,190</b>	<b>7,950</b>	<b>16.5%</b>
<i>DESIGN, MANUFACTURE, AND INDUSTRIAL INNOVATION</i>						
Design, Manufacture, and Industrial Innovation	45,335	46,510	47,280	58,660	11,380	24.1%
Small Business Innovation Research	58,646	59,850	61,830	74,700	12,870	20.8%
<b>Total</b>	<b>103,981</b>	<b>106,360</b>	<b>109,110</b>	<b>133,360</b>	<b>24,250</b>	<b>22.2%</b>
<i>ELECTRICAL AND COMMUNICATIONS SYSTEMS</i>						
Electrical and Communications Systems	42,668	45,060	45,358	58,870	13,512	29.8%
<b>Total</b>	<b>42,668</b>	<b>45,060</b>	<b>45,358</b>	<b>58,870</b>	<b>13,512</b>	<b>29.8%</b>
<i>ENGINEERING EDUCATION AND CENTERS</i>						
Engineering Education and Centers	101,403	100,720	100,538	111,640	11,102	11.0%
<b>Total</b>	<b>101,403</b>	<b>100,720</b>	<b>100,538</b>	<b>111,640</b>	<b>11,102</b>	<b>11.0%</b>
<b>Total, ENG</b>	<b>\$370,127</b>	<b>\$378,530</b>	<b>\$381,836</b>	<b>\$456,500</b>	<b>\$74,664</b>	<b>19.6%</b>

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PROGRAM	FY 1999 ACTUAL	FY 2000 REQUEST	FY 2000 CURRENT PLAN	FY 2001 REQUEST	CHANGE FY 2001 Req/FY00 Curr Plan	
					AMOUNT	PERCENT
<b><u>GEOSCIENCES</u></b>						
<i>ATMOSPHERIC SCIENCES</i>						
Atmospheric Sciences Research Support	\$94,470	\$95,850	\$95,961	\$118,260	\$22,299	23.2%
National Center for Atmospheric Research	70,527	68,150	68,850	75,750	6,900	10.0%
<b>Total</b>	<b>164,997</b>	<b>164,000</b>	<b>164,811</b>	<b>194,010</b>	<b>29,199</b>	<b>17.7%</b>
<i>EARTH SCIENCES</i>						
Earth Sciences Project Support	63,213	62,830	65,905	78,000	12,095	18.4%
Instrumentation and Facilities	26,944	29,250	26,950	31,000	4,050	15.0%
Continental Dynamics	8,770	9,120	8,800	9,510	710	8.1%
<b>Total</b>	<b>98,927</b>	<b>101,200</b>	<b>101,655</b>	<b>118,510</b>	<b>16,855</b>	<b>16.6%</b>
<i>OCEAN SCIENCES</i>						
Ocean Sciences Research Support	117,628	125,000	125,002	153,700	28,698	23.0%
Oceanographic Centers and Facilities	52,167	48,490	49,330	62,780	13,450	27.3%
Ocean Drilling Program	44,298	46,790	47,000	54,000	7,000	14.9%
<b>Total</b>	<b>214,094</b>	<b>220,280</b>	<b>221,332</b>	<b>270,480</b>	<b>49,148</b>	<b>22.2%</b>
<b>Total, GEO</b>	<b>\$478,018</b>	<b>\$485,480</b>	<b>\$487,798</b>	<b>\$583,000</b>	<b>\$95,202</b>	<b>19.5%</b>

## LEVEL OF FUNDING BY PROGRAM

(Dollars in Thousands)

PROGRAM	FY 1999 ACTUAL	FY 2000 REQUEST	FY 2000 CURRENT PLAN	FY 2001 REQUEST	CHANGE	
					FY 2001 Req/FY 00 AMOUNT	FY 00 Curr Plan PERCENT
<b><u>MATHEMATICAL AND PHYSICAL SCIENCES</u></b>						
<i>ASTRONOMICAL SCIENCES</i>						
Astronomy Research and Instrumentation	\$40,956	\$43,790	\$43,560	\$59,790	\$16,230	37.3%
Facilities	77,586	78,420	79,310	79,910	600	0.8%
<b>Total</b>	<b>118,542</b>	<b>122,210</b>	<b>122,870</b>	<b>139,700</b>	<b>16,830</b>	<b>13.7%</b>
<i>CHEMISTRY</i>						
Chemistry Research Project Support	113,504	117,700	118,120	130,120	12,000	10.2%
Instrumentation & Infrastructure	21,837	20,800	20,870	31,870	11,000	52.7%
<b>Total</b>	<b>135,341</b>	<b>138,500</b>	<b>138,990</b>	<b>161,990</b>	<b>23,000</b>	<b>16.5%</b>
<i>MATERIALS RESEARCH</i>						
Materials Research Project Support	93,725	97,330	102,972	125,840	22,868	22.2%
Materials Research Science and Engineering Centers	56,757	53,730	53,870	59,450	5,580	10.4%
National Facilities and Instrumentation	35,885	39,460	34,320	35,320	1,000	2.9%
<b>Total</b>	<b>186,367</b>	<b>190,520</b>	<b>191,162</b>	<b>220,610</b>	<b>29,448</b>	<b>15.4%</b>
<i>MATHEMATICAL SCIENCES</i>						
Research Project Support	69,514	73,340	74,290	91,290	17,000	22.9%
Infrastructure Support	31,235	32,000	32,000	38,920	6,920	21.6%
<b>Total</b>	<b>100,749</b>	<b>105,340</b>	<b>106,290</b>	<b>130,210</b>	<b>23,920</b>	<b>22.5%</b>
<i>PHYSICS</i>						
Physics Research Project Support	99,580	103,490	106,720	142,770	36,050	33.8%
Facilities	63,160	63,910	61,630	55,880	-5,750	-9.3%
<b>Total</b>	<b>162,740</b>	<b>167,400</b>	<b>168,350</b>	<b>198,650</b>	<b>30,300</b>	<b>18.0%</b>
<i>MULTIDISCIPLINARY ACTIVITIES</i>						
Research Project Support	29,913	30,000	29,940	30,000	60	0.2%
<b>Total</b>	<b>29,913</b>	<b>30,000</b>	<b>29,940</b>	<b>30,000</b>	<b>60</b>	<b>0.2%</b>
<b>Total, MPS</b>	<b>\$733,652</b>	<b>\$753,970</b>	<b>\$757,602</b>	<b>\$881,160</b>	<b>\$123,558</b>	<b>16.3%</b>

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<b><u>SOCIAL, BEHAVIORAL AND ECONOMIC SCIENCES</u></b>						
<i>SOCIAL AND ECONOMIC SCIENCES</i>						
Social and Economic Sciences	\$60,129	\$63,610	\$61,084	\$72,060	\$10,976	18.0%
<b>Total</b>	60,129	63,610	61,084	72,060	10,976	18.0%
<i>BEHAVIORAL AND COGNITIVE SCIENCES</i>						
Behavioral and Cognitive Sciences	40,445	42,450	45,380	59,290	13,910	30.7%
<b>Total</b>	40,445	42,450	45,380	59,290	13,910	30.7%
<i>INTERNATIONAL COOPERATIVE SCIENTIFIC ACTIVITIES</i>						
International Cooperative Scientific Activities	27,033	22,050	24,810	26,880	2,070	8.3%
<b>Total</b>	27,033	22,050	24,810	26,880	2,070	8.3%
<i>SCIENCE RESOURCES STUDIES</i>						
Science Resource Studies	14,428	14,900	14,870	16,910	2,040	13.7%
<b>Total</b>	14,428	14,900	14,870	16,910	2,040	13.7%
<b>Total, SBE</b>	\$142,035	\$143,010	\$146,144	\$175,140	\$28,996	19.8%
<b><u>UNITED STATES POLAR RESEARCH PROGRAMS</u></b>						
	\$182,971	\$188,030	\$190,400	\$222,810	\$32,410	17.0%
<b><u>UNITED STATES ANTARCTIC LOGISTICAL SUPPORT ACTIVITIES</u></b>						
	\$62,600	\$62,600	\$62,600	\$62,600	\$0	0.0%
<b><u>INTEGRATIVE ACTIVITIES</u></b>						
	\$161,551	\$161,230	\$129,230	\$119,230	-\$10,000	-7.7%
<b>Subtotal, RESEARCH AND RELATED ACTIVITIES</b>						
	\$2,821,608	\$3,004,000	\$2,958,462	\$3,540,680	\$582,218	19.7%
Carryover <sup>1</sup>			1,352		-1,352	-100.0%
<b>Total, RESEARCH AND RELATED ACTIVITIES</b>	\$2,821,608	\$3,004,000	\$2,959,814	\$3,540,680	\$580,866	19.6%

<sup>1</sup> Carryover excludes \$26.3 million of H-1B Nonimmigrant Petitioner fees, that funds will be obligated through the EHR activity.

(Dollars in Thousands)

PROGRAM	FY 1999	FY 2000	FY 2000	FY 2001	CHANGE	
	ACTUAL	REQUEST	CURRENT PLAN	REQUEST	FY 2001 Req/FY00 Curr Plan AMOUNT	PERCENT
<b>EDUCATION AND HUMAN RESOURCES</b>						
<i>EDUCATIONAL SYSTEM REFORM</i>						
Educational System Reform	\$113,181	\$114,200	\$113,400	\$109,510	-\$3,890	-3.4%
<b>Total</b>	113,181	114,200	113,400	109,510	-3,890	-3.4%
<i>OFFICE OF INNOVATION PARTNERSHIP</i>						
Innovation Partnership Activities	0	0	8,500	0	-8,500	-100.0%
Experimental Program to Stimulate Competitive Research (EPSCoR)	48,720	48,410	51,388	48,410	-2,978	-5.8%
<b>Total</b>	48,720	48,410	59,888	48,410	-11,478	-19.2%
<i>ELEMENTARY, SECONDARY AND INFORMAL EDUCATION</i>						
Instructional and Assessment Materials Development	35,574	34,900	37,000	33,800	-3,200	-8.6%
Teacher & Student Development	101,008	104,520	101,390	111,700	10,310	10.2%
Informal Science Education	46,045	46,000	46,000	46,000	0	0.0%
<b>Total</b>	182,627	185,420	184,390	191,500	7,110	3.9%
<i>UNDERGRADUATE EDUCATION</i>						
Curriculum, Laboratory & Instructional Development	48,403	60,420	60,130	75,710	15,580	25.9%
Teacher and Technician Development	55,319	56,980	56,180	64,850	8,670	15.4%
<b>Total</b>	103,722	117,400	116,310	140,560	24,250	20.8%
<i>GRADUATE EDUCATION</i>						
Graduate Student Support	80,181	77,150	78,160	89,450	11,290	14.4%
<b>Total</b>	80,181	77,150	78,160	89,450	11,290	14.4%
<i>HUMAN RESOURCE DEVELOPMENT</i>						
Undergraduate/ Graduate Student Support	32,379	32,850	34,234	44,850	10,616	31.0%
Research & Education Infrastructure	23,336	23,810	22,990	23,010	20	0.1%
Opportunities for Women and Persons with Disabilities	17,606	17,020	20,020	14,020	-6,000	-30.0%
<b>Total</b>	73,321	73,680	77,244	81,880	4,636	6.0%
<i>RESEARCH, EVALUATION AND COMMUNICATION</i>						
Research	48,676	49,200	49,030	55,160	6,130	12.5%
Evaluation	12,049	12,540	12,450	12,540	90	0.7%
<b>Total</b>	60,725	61,740	61,480	67,700	6,220	10.1%
<b>Subtotal, EHR</b>	662,477	678,000	690,872	729,010	38,138	5.5%
H-1B Nonimmigrant Petitioner Fees	261	33,000	33,000	31,000	-2,000	-6.1%
Carryover <sup>1</sup>			56		-56	0.0%
<b>Total, EHR</b>	\$662,738	\$711,000	\$723,928	\$760,010	\$36,082	5.0%

<sup>1</sup> Carryover excludes \$26.3 million of H-1B Nonimmigrant Petitioner fees; these funds will be obligated through the EHR activity.

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<b>MAJOR RESEARCH EQUIPMENT</b>	\$56,705	\$85,000	\$93,500	\$138,540	\$45,040	48.2%
Carryover <sup>1</sup>			67,963		-67,963	0.0%
Total, MRE	\$56,705	\$85,000	\$161,463	\$138,540	-\$22,923	0.0%
<b>SALARIES AND EXPENSES</b>	\$144,080	\$149,000	\$148,900	\$157,890	\$8,990	6.0%
<b>OFFICE OF INSPECTOR GENERAL</b>	\$5,410	\$5,450	\$5,450	\$6,280	\$830	15.2%
Carryover			24		-24	0.0%
Total, OIG	\$5,410	\$5,450	\$5,474	\$6,280	\$806	14.7%
<b>Subtotal, NATIONAL SCIENCE FOUNDATION</b>	\$3,690,541	\$3,954,450	\$3,930,184	\$4,603,400	\$673,216	17.1%
Carryover <sup>2</sup>			69,395		-69,395	0.0%
<b>TOTAL, NATIONAL SCIENCE FOUNDATION</b>	\$3,690,541	\$3,954,450	\$3,999,579	\$4,603,400	\$603,821	15.1%

<sup>1</sup> In FY 1999 \$34.67 million was carried over into FY 2000 largely in support of the South Pole Station Modernization project.

<sup>2</sup> Carryover excludes \$26.3 million of H-1B Nonimmigrant Petitioner fees; these funds will be obligated through the EHR activity.