

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 | |
| <u>BIOLOGICAL SCIENCES</u> | | | | | | |
| <i>MOLECULAR AND CELLULAR BIOSCIENCES</i> | | | | | | |
| Molecular & Cellular Biosciences Research Projects | \$101,274 | \$105,010 | \$105,260 | \$133,150 | \$27,890 | 26.5% |
| Total | 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% |
| Total | 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% |
| Total | 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% |
| Total | 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% |
| Total | 50,325 | 55,000 | 59,630 | 59,630 | 0 | 0.0% |
| Total, BIO | \$392,102 | \$408,620 | \$414,432 | \$511,140 | \$96,708 | 23.3% |

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(Dollars in Thousands)

| PROGRAM | FY 1999 ACTUAL | FY 2000 REQUEST | FY 2000 CURRENT PLAN | FY 2001 REQUEST | CHANGE | |
|---|-------------------|--------------------|-------------------------|--------------------|------------------------|---------------------------|
| | | | | | FY 2001 Req/ AMOUNT | FY00 Curr Plan PERCENT |
| COMPUTER AND INFORMATION SCIENCE AND ENGINEERING | | | | | | |
| <i>COMPUTER-COMMUNICATIONS RESEARCH</i> | | | | | | |
| Computer-Communications Research | \$60,344 | \$62,230 | \$60,160 | \$69,160 | \$9,000 | 15.0% |
| Total | 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% |
| Total | 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% |
| Total | 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% |
| Total | 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% |
| Total | 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% |
| Total | 0 | 110,000 | 90,000 | 190,000 | 100,000 | 111.1% |
| Total, CISE | \$298,552 | \$422,530 | \$388,420 | \$529,100 | \$140,680 | 36.2% |

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| (Dollars in Thousands) | | | | | | |
|---|-------------------|--------------------|-------------------------|--------------------|--|--------------|
| PROGRAM | FY 1999 ACTUAL | FY 2000 REQUEST | FY 2000 CURRENT PLAN | FY 2001 REQUEST | CHANGE FY 2001 Req/FY00 Curr Plan AMOUNT PERCENT | |
| ENGINEERING | | | | | | |
| <i>BIOENGINEERING AND ENVIRONMENTAL SYSTEMS</i> | | | | | | |
| Bioengineering and Environmental Systems | \$32,111 | \$34,020 | \$34,270 | \$42,050 | \$7,780 | 22.7% |
| Total | 32,111 | 34,020 | 34,270 | 42,050 | 7,780 | 22.7% |
| <i>CHEMICAL AND TRANSPORT SYSTEMS</i> | | | | | | |
| Chemical and Transport Systems | 41,888 | 44,040 | 44,320 | 54,390 | 10,070 | 22.7% |
| Total | 41,888 | 44,040 | 44,320 | 54,390 | 10,070 | 22.7% |
| <i>CIVIL AND MECHANICAL SYSTEMS</i> | | | | | | |
| Civil and Mechanical Systems | 48,076 | 48,330 | 48,240 | 56,190 | 7,950 | 16.5% |
| Total | 48,076 | 48,330 | 48,240 | 56,190 | 7,950 | 16.5% |
| <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% |
| Total | 103,981 | 106,360 | 109,110 | 133,360 | 24,250 | 22.2% |
| <i>ELECTRICAL AND COMMUNICATIONS SYSTEMS</i> | | | | | | |
| Electrical and Communications Systems | 42,668 | 45,060 | 45,358 | 58,870 | 13,512 | 29.8% |
| Total | 42,668 | 45,060 | 45,358 | 58,870 | 13,512 | 29.8% |
| <i>ENGINEERING EDUCATION AND CENTERS</i> | | | | | | |
| Engineering Education and Centers | 101,403 | 100,720 | 100,538 | 111,640 | 11,102 | 11.0% |
| Total | 101,403 | 100,720 | 100,538 | 111,640 | 11,102 | 11.0% |
| Total, ENG | \$370,127 | \$378,530 | \$381,836 | \$456,500 | \$74,664 | 19.6% |

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 Plan AMOUNT | PERCENT |
| <u>GEOSCIENCES</u> | | | | | | |
| <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% |
| Total | 164,997 | 164,000 | 164,811 | 194,010 | 29,199 | 17.7% |
| <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% |
| Total | 98,927 | 101,200 | 101,655 | 118,510 | 16,855 | 16.6% |
| <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% |
| Total | 214,094 | 220,280 | 221,332 | 270,480 | 49,148 | 22.2% |
| Total, GEO | \$478,018 | \$485,480 | \$487,798 | \$583,000 | \$95,202 | 19.5% |

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 |
| MATHEMATICAL AND PHYSICAL SCIENCES | | | | | | |
| <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% |
| Total | 118,542 | 122,210 | 122,870 | 139,700 | 16,830 | 13.7% |
| <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% |
| Total | 135,341 | 138,500 | 138,990 | 161,990 | 23,000 | 16.5% |
| <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% |
| Total | 186,367 | 190,520 | 191,162 | 220,610 | 29,448 | 15.4% |
| <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% |
| Total | 100,749 | 105,340 | 106,290 | 130,210 | 23,920 | 22.5% |
| <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% |
| Total | 162,740 | 167,400 | 168,350 | 198,650 | 30,300 | 18.0% |
| <i>MULTIDISCIPLINARY ACTIVITIES</i> | | | | | | |
| Research Project Support | 29,913 | 30,000 | 29,940 | 30,000 | 60 | 0.2% |
| Total | 29,913 | 30,000 | 29,940 | 30,000 | 60 | 0.2% |
| Total, MPS | \$733,652 | \$753,970 | \$757,602 | \$881,160 | \$123,558 | 16.3% |

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 Plan | |
| | | | | | AMOUNT | PERCENT |
| <u>SOCIAL, BEHAVIORAL AND ECONOMIC SCIENCES</u> | | | | | | |
| <i>SOCIAL AND ECONOMIC SCIENCES</i> | | | | | | |
| Social and Economic Sciences | \$60,129 | \$63,610 | \$61,084 | \$72,060 | \$10,976 | 18.0% |
| Total | 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% |
| Total | 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% |
| Total | 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% |
| Total | 14,428 | 14,900 | 14,870 | 16,910 | 2,040 | 13.7% |
| Total, SBE | \$142,035 | \$143,010 | \$146,144 | \$175,140 | \$28,996 | 19.8% |
| <u>UNITED STATES POLAR RESEARCH PROGRAMS</u> | | | | | | |
| | \$182,971 | \$188,030 | \$190,400 | \$222,810 | \$32,410 | 17.0% |
| <u>UNITED STATES ANTARCTIC LOGISTICAL SUPPORT ACTIVITIES</u> | | | | | | |
| | \$62,600 | \$62,600 | \$62,600 | \$62,600 | \$0 | 0.0% |
| <u>INTEGRATIVE ACTIVITIES</u> | | | | | | |
| | \$161,551 | \$161,230 | \$129,230 | \$119,230 | -\$10,000 | -7.7% |
| Subtotal, RESEARCH AND RELATED ACTIVITIES | | | | | | |
| | \$2,821,608 | \$3,004,000 | \$2,958,462 | \$3,540,680 | \$582,218 | 19.7% |
| Carryover ¹ | | | 1,352 | | -1,352 | -100.0% |
| Total, RESEARCH AND RELATED ACTIVITIES | \$2,821,608 | \$3,004,000 | \$2,959,814 | \$3,540,680 | \$580,866 | 19.6% |

¹ 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 |
| EDUCATION AND HUMAN RESOURCES | | | | | | |
| <i>EDUCATIONAL SYSTEM REFORM</i> | | | | | | |
| Educational System Reform | \$113,181 | \$114,200 | \$113,400 | \$109,510 | -\$3,890 | -3.4% |
| Total | 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% |
| Total | 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% |
| Total | 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% |
| Total | 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% |
| Total | 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% |
| Total | 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% |
| Total | 60,725 | 61,740 | 61,480 | 67,700 | 6,220 | 10.1% |
| Subtotal, EHR | 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 ¹ | | | 56 | | -56 | 0.0% |
| Total, EHR | \$662,738 | \$711,000 | \$723,928 | \$760,010 | \$36,082 | 5.0% |

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

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| (Dollars in Thousands) | | | | | | |
|--|-------------------|--------------------|-------------------------|--------------------|------------------------|---------------------------|
| PROGRAM | FY 1999 ACTUAL | FY 2000 REQUEST | FY 2000 CURRENT PLAN | FY 2001 REQUEST | CHANGE | |
| | | | | | FY 2001 Req/ AMOUNT | FY00 Curr Plan PERCENT |
| MAJOR RESEARCH EQUIPMENT | \$56,705 | \$85,000 | \$93,500 | \$138,540 | \$45,040 | 48.2% |
| Carryover ¹ | | | 67,963 | | -67,963 | 0.0% |
| Total, MRE | \$56,705 | \$85,000 | \$161,463 | \$138,540 | -\$22,923 | 0.0% |
| SALARIES AND EXPENSES | \$144,080 | \$149,000 | \$148,900 | \$157,890 | \$8,990 | 6.0% |
| OFFICE OF INSPECTOR GENERAL | \$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% |
| Subtotal, NATIONAL SCIENCE FOUNDATION | \$3,690,541 | \$3,954,450 | \$3,930,184 | \$4,603,400 | \$673,216 | 17.1% |
| Carryover ² | | | 69,395 | | -69,395 | 0.0% |
| TOTAL, NATIONAL SCIENCE FOUNDATION | \$3,690,541 | \$3,954,450 | \$3,999,579 | \$4,603,400 | \$603,821 | 15.1% |

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

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