

2002

## Awards Annual Report: Fiscal Year 2002

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awards annual report  
fiscal year 02

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# message

## FROM THE VICE PROVOST FOR RESEARCH



It is a pleasure for me to release this 2002 annual report, which summarizes the University of New Mexico's (UNM) sponsored activities for fiscal year 2002 (i.e., July 1, 2001 - June 30, 2002, FY02). The purpose of this report is to present statistics of FY02 sponsored research, public service and instruction efforts at the main campus, the Health Sciences Center (HSC), and the branch campuses. UNM, a Carnegie Doctoral/Research University-Extensive, is ranked in the top 60 of the nation's public universities and colleges, based on annual research and development (R&D) expenditures (see p. 11).

UNM faculty have continued their commitment to excellence by seeking sponsored project support and producing scholarly and creative works. While the majority of research at UNM is faculty-based, there is a noticeable level of activity which involves non-faculty initiatives. The scholarly and creative works are listed in *Faculty Publications and Creative Works* and the details of contract and grant activities are compiled in the *Contract and Grant Awards Report*, both of which are published annually by the Office of the Vice Provost for Research.

The awards received for FY02 total \$247.6M, of which \$140.8M is attributed to the main campus, and \$106.8M is from the Health Sciences Center. These awards assist in providing resources that are necessary to improve the quality of research and teaching at UNM. They also enhance the opportunities for students to be trained in state-of-the-art laboratories in a variety of disciplines.

UNM centers continue to pursue cutting-edge research and promote interdisciplinary collaborations. They acquired \$20M in awards and were responsible for supporting numerous faculty, staff, and students from a broad spectrum of disciplines on campus.

Terminology pertinent to this report include the following: *contract and grant (C&G) awards* — new funds that were acquired during FY02; *expenditures* — expenses incurred with respect to C&G awards in effect during FY02; *facilities and administrative costs (F&A)*, formerly known as indirect costs (IDC) — overhead funds that were generated as a result of expenditures incurred during FY02.

Please join me in thanking our dedicated faculty, staff, and students involved in the research, public service, and instruction efforts at UNM. It is their successful endeavors that enhance UNM's visibility at the national and international levels, as well as contribute to the economic growth of New Mexico and the region. Thanks are also due to a number of individuals who have helped in preparing this report. In particular, I would like to acknowledge the efforts of Denise Wallen, Ann Powell, and Valerie Roybal of the Office of the Vice Provost for Research, Marcia Sletten and Lee Gulbransen of the Health Sciences Center Controller's Office, and Mike Schwantes of the Contract and Grant Accounting Office.

As always, I welcome your comments and questions with respect to this annual report, and other issues related to research activities at UNM.

A handwritten signature in black ink that reads "Terry L. Yates". The signature is written in a cursive, flowing style.

Terry L. Yates  
Vice Provost for Research



# contents

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Summary	7
Figure 1: Summary FY01 - FY02	
<hr/>	
Statistics Summary: Contract and Grant Awards and Funding Sources FY02	9
Table 1a: Total C&G Awards (UNM)	
Table 1b: Source of C&G Awards (UNM)	
Table 1c: Source of C&G Awards (Main Campus)	
Table 1d: Source of C&G Awards (HSC)	
<hr/>	
Statistics Summary: Funding Categories FY02	10
Table 2: Funding Category and Totals (Main Campus, HSC, UNM)	
<hr/>	
National Rankings	11
Table 3: UNM's Ranking for Total R&D Expenditures Compared to all Universities and Colleges: FY97 - FY00	
Table 4: UNM's Ranking for Total R&D Expenditures Compared to all Public Universities and Colleges: FY97 - FY00	
Table 5: Total R&D Expenditures at Universities and Colleges: FY96 - FY00	
Table 6: R&D Expenditures at Public Universities and Colleges, by Source of Funds: FY00	
Table 7: Federal Obligations for Science and Engineering Research and Development to the 100 Universities and Colleges Receiving the Largest Amounts, Ranked by Total Amount Received: FY00	
Table 8: Federal Obligations for Science and Engineering to the 100 Universities and Colleges Receiving the Largest Amounts, Ranked by Total Amount Received in FY00: FY96 - FY00	
<hr/>	
UNM Figures	16
Figure 2: Contract and Grant Awards by Source of Funds FY02	
Figure 3: Breakdown of Federal Funds FY02	
Figure 4: Contract and Grant Awards by Unit FY02	
Figure 5: Total Contract and Grant Awards Ten Year History FY93 - FY02	
Figure 6: Contract and Grant Expenditures by Unit FY02	
Figure 7: Total Contract and Grant Expenditures Ten Year History FY93 - FY02	
Figure 8: Proposals by Unit FY02	
Figure 9: Facilities and Administrative (F&A) Costs Generated by Unit FY02	
<hr/>	
Awards	20
Table 9: Award Dollars FY93 - FY02	
Table 10: Award Dollars by Source of Funds FY01 - FY02	
Table 11: Award Dollars by Campus Area FY01 - FY02	
Table 12: Award Dollars by Source of Funds: Funds Distribution FY02	
Table 13: Awards by Campus Area FY02	

Table 14: Funding Agencies Providing More Than \$2M in Support FY02

Figure 10: Funding Agencies Providing More Than \$2M FY02

Figure 11: Contract and Grant Awards by Centers/Institutes II and III FY02

Figure 12: Contract and Grant Awards for Centers/Institutes II and III by PI's Department FY02

---

Funding Trends	25
Figure 13: Five Year Funding Trends by Source of Funds: Federal Awards FY98 - FY02	
Figure 14: Five Year Funding Trends by Source of Funds: Foundation Awards FY98 - FY02	
Figure 15: Five Year Funding Trends by Source of Funds: Industry Awards FY98 - FY02	
Figure 16: Five Year Funding Trends by Source of Funds: National Lab Awards FY98 - FY02	
Figure 17: Five Year Funding Trends by Source of Funds: State Awards FY98 - FY02	
Figure 18: Five Year Funding Trends by Source of Funds: Other Awards FY98 - FY02	

---

Proposals	27
Table 15: Proposals by Campus Area: School, College and Division FY02	

---

Expenditures	28
Table 16: UNM Contract and Grant Expenditures FY02	
Figure 19: Total Expenditures by Centers/Institutes II and III FY02	
Figure 20: Total Expenditures by Centers/Institutes II and III Associated with PI's Department FY02	

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Facilities and Administrative (F&A) Costs	30
Table 17: F&A Costs Generated FY02	

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Appendix	31
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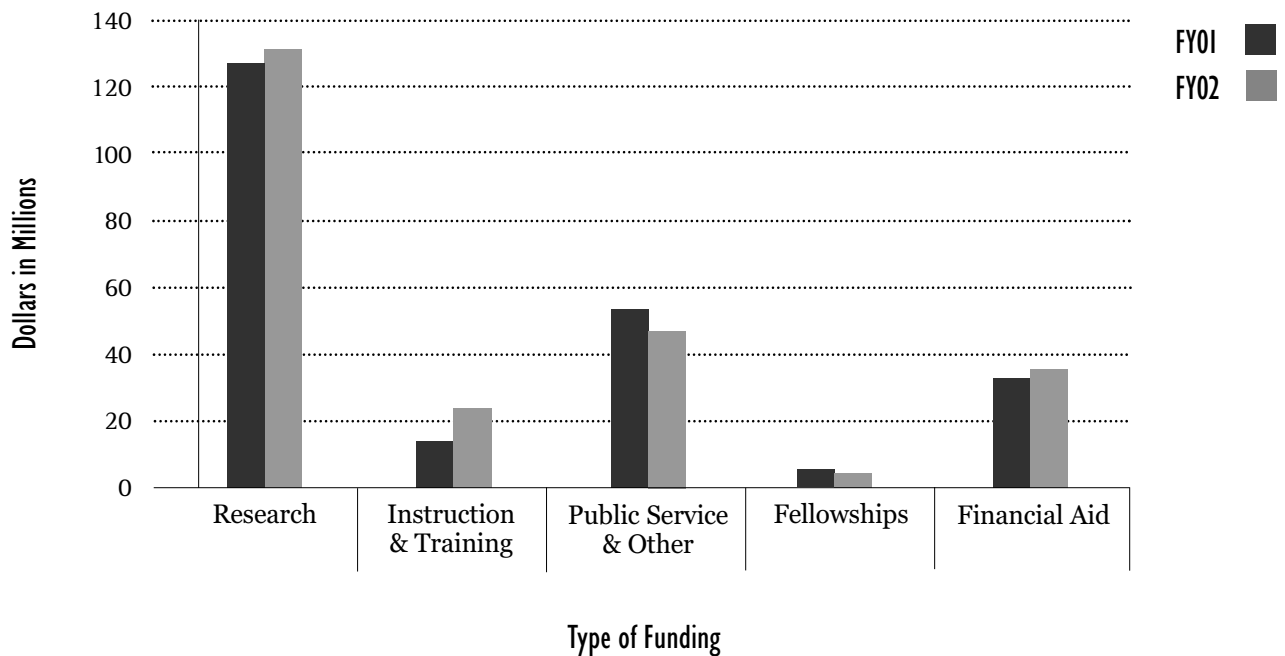
References	32
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# summary

Contract and grant (C&G) awards received by the University of New Mexico are from the federal government, state and local government, national laboratories, private and corporate foundations, industry, universities, and nonprofit organizations. A breakdown of FY02 (July 1, 2001 - June 30, 2002) awards, by category, is as follows:

	<u>FY01</u>	<u>FY02</u>
Research	\$127,165,809	\$132,989,234
Instruction & Training	18,163,435	26,373,121
Public Service & Other	54,847,685	50,463,705
Fellowships	752,424	687,131
Financial Aid	<u>34,801,630</u>	<u>37,120,315</u>
<b>Total</b>	<b>\$235,730,983</b>	<b>\$247,633,506</b>

Figure 1: Summary FY01 - FY02





# summary

The FY02 total for external sponsored support to the University of New Mexico is \$247.6 million. As in the past, the federal government remains the primary source of UNM sponsored projects and represents 60% of sponsored support at UNM. State funding represents 17% of sponsored support. Funding from the national laboratories represents 2% of total sponsored support. Foundation support contributes to 2% of sponsored funds. Industry accounted for 6% of total sponsored support. Other support, which includes funds from universities, nonprofit organizations, local schools, and foreign entities accounted for 13% of sponsored support.

The largest sponsor was the U.S. Department of Health and Human Services, followed by the State of New Mexico, the U.S. Department of Education, the National Science Foundation, and the U.S. Air Force. Foundations, industry, and local/state government continue to play an important ongoing role for UNM's sponsored activities.

The total number of contracts and grants in FY02 is 1,507. Of the colleges and schools, the School of Medicine had the largest amount of outside funding; the second was the College of Arts and Sciences, followed by the School of Engineering and the College of Education. Other significant support was distributed among the remaining colleges and schools, institutes, centers, and programs.

Tables 1a through 1d and Table 2 summarize statistics pertaining to funding sources with respect to C&G awards for the main campus as well as the Health Sciences Center (HSC).

# statistics summary

## CONTRACT AND GRANT AWARDS AND FUNDING SOURCES FY02

Table 1a

<u>Total C&amp;G Awards</u>	<u>Percentage of Total C&amp;G Awards</u>
Total C&G Awards: UNM	\$247.6M
Total C&G Awards: Main Campus	\$140.8M (57%)
Total C&G Awards: HSC	\$106.8M (43%)

Table 1b

<u>Source of C&amp;G Awards (UNM)</u>	<u>Percentage of Total C&amp;G Awards</u> [Total: \$247.6M]
Foundations	2%
Federal	60%
Industry	6%
National Laboratories	2%
State of New Mexico	17%
Other	13%

Table 1c

<u>Source of C&amp;G Awards (Main Campus)</u>	<u>Percentage of Total C&amp;G Awards</u> [Total: \$140.8M]
Foundations	1%
Federal	57%
Industry	3%
National Laboratories	3%
State of New Mexico	22%
Other	14%

Table 1d

<u>Source of C&amp;G Awards (HSC)</u>	<u>Percentage of Total C&amp;G Awards</u> [Total: \$106.8M]
Foundations	2%
Federal	64%
Industry	9%
National Laboratories	1%
State of New Mexico	12%
Other	12%

# statistics summary

## FUNDING CATEGORIES FY02

Table 2

Funding Category

	Main Campus [Total: \$140.8M]	HSC [Total: \$106.8M]	UNM [Total: \$247.6M]
Research	46%	63%	54%
Public Service	10%	34%	20%
Instruction	17%	2%	11%
Fellowships	<1%	<1%	<1%
Financial Aid	26%	0%	15%

# national rankings

The National Science Foundation (NSF) maintains data on research and development (R&D) expenditures in science and engineering for the nation's universities. R&D expenditures are from all sources of funding: federal, state, local, industrial, foundation, internal and miscellaneous. Tables 3 and 4, below, show UNM's ranking since FY97 based on this NSF data.

Tables 5 through 8 detail UNM's placement within the individual rankings of the top colleges and universities according to the latest available NSF surveys of expenditures and obligations. An assortment of pie charts and bar diagrams are presented in Figures 2 through 20.

Table 3: UNM's Ranking for R&D Expenditures at Universities and Colleges:  
FY97 - FY00

<u>Year</u>	<u>Ranking</u>
FY00	82
FY99	82
FY98	75
FY97	74

Table 4: UNM's Ranking for Total R&D Expenditures at Public Universities and Colleges:  
FY97 - FY00

<u>Year</u>	<u>Ranking</u>
FY00	56
FY99	56
FY98	52
FY97	50

Table 5: Total R&amp;D Expenditures at Universities and Colleges: FY96 - FY00 [Dollars in Thousands]\*

<u>Institution/Ranking</u>	<u>2000</u>	<u>1999</u>	<u>1998</u>	<u>1997</u>	<u>1996</u>
<b>Total, All Institutions</b>	<b>30,062,371</b>	<b>27,529,206</b>	<b>25,845,936</b>	<b>24,361,885</b>	<b>23,038,788</b>
71 University of Oklahoma	150,902	142,085	126,861	114,387	109,071
72 Mt Sinai School of Med	149,846	127,765	109,448	94,776	92,405
73 University of Kansas	148,670	132,752	117,115	108,893	100,649
74 University of Miami	145,795	139,608	136,972	135,888	130,056
75 U of South Florida	145,397	123,961	104,325	99,649	94,157
76 U Med & Dent NJ	140,951	126,277	114,491	110,383	98,535
77 Oregon State University	140,751	139,285	138,240	131,467	131,334
78 Yeshiva University	139,618	111,771	99,000	96,819	91,430
79 Carnegie Mellon U <sup>2</sup>	137,980	142,174	137,450	134,954	136,514
80 U of Nebraska Lincoln	<u>136,023</u>	<u>131,046</u>	<u>118,857</u>	<u>117,100</u>	<u>102,460</u>
<b>Total 1st 80 Institutions</b>	<b>22,035,194</b>	<b>20,171,328</b>	<b>18,777,113</b>	<b>17,625,561</b>	<b>16,603,177</b>
81 Princeton University <sup>2</sup>	134,875	124,237	115,996	114,549	112,380
<b>82 U of New Mexico</b>	<b>133,980</b>	<b>115,850</b>	<b>125,910</b>	<b>116,152</b>	<b>116,618</b>
83 Georgetown University	133,211	111,426	116,611	119,114	112,582
84 Mississippi State U	132,503	110,896	100,410	84,157	84,124
85 Oregon Health Sciences U	131,486	120,429	109,374	98,319	80,333
86 The Rockefeller U	124,138	121,519	115,494	109,999	105,595
87 UT-Houston HSC	119,587	105,307	101,993	95,638	82,803
88 U CA Santa Barbara	118,154	104,561	96,034	91,149	91,284
89 Clemson University	114,903	99,341	90,150	84,034	84,836
90 Arizona State University	<u>108,117</u>	<u>107,184</u>	<u>92,019</u>	<u>80,740</u>	<u>84,653</u>
<b>Total 1st 90 Institutions</b>	<b>23,286,148</b>	<b>21,292,078</b>	<b>19,841,104</b>	<b>18,619,412</b>	<b>17,558,385</b>

Source: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures.

\* Federal expenditures represents the dollar amount reported by each institution to NSF.

<sup>2</sup> These data do not include R&D expenditures at university-associated federally funded research and development centers.

Table 6: R&D Expenditures at Public Universities and Colleges by Source of Funds: FY00  
[Dollars in Thousands]\*

<u>Institution/Ranking</u>	<u>Total</u>	<u>Federal Govt.</u>	<u>State &amp; Local Govts.</u>	<u>Industry</u>	<u>Institutional Funds</u>	<u>Other</u>
<b>Total, All Institutions</b>	<b>20,517,436</b>	<b>10,637,880</b>	<b>2,009,336</b>	<b>1,446,530</b>	<b>4,992,452</b>	<b>1,431,238</b>
41 University of Cincinnati	172,085	110,475	3,355	5,166	38,254	14,835
42 U of Tennessee System	163,690	72,059	30,922	12,740	30,537	17,432
43 SUNY Stony Brook	163,307	96,641	4,355	7,567	48,191	6,553
44 U of Hawaii at Manoa	161,300	95,419	35,474	11,158	19,249	0
45 U of Connecticut	161,084	66,144	14,106	13,540	54,002	13,292
46 U of Missouri Columbia	158,861	65,420	17,361	4,007	62,769	9,304
47 U CA Irvine	158,437	88,274	5,259	18,615	27,168	19,121
48 Wayne State University	156,814	64,320	12,366	10,932	49,825	19,371
49 Colorado State University	152,279	101,429	19,695	6,519	24,205	431
50 University of Oklahoma	<u>150,902</u>	<u>60,542</u>	<u>15,418</u>	<u>9,499</u>	<u>54,473</u>	<u>10,970</u>
<b>Total 1st 50 Institutions</b>	<b>14,071,736</b>	<b>7,306,724</b>	<b>1,335,308</b>	<b>1,016,113</b>	<b>3,380,699</b>	<b>1,032,892</b>
51 University of Kansas	148,670	68,950	5,486	15,712	46,754	11,768
52 U of South Florida	145,397	50,557	6,978	10,873	64,713	12,276
53 U Med & Dent NJ	140,951	75,318	7,230	10,001	34,912	13,490
54 Oregon State University	140,751	80,398	31,434	141	23,904	4,874
55 U of Nebraska Lincoln	136,023	37,831	4,640	5,991	80,439	7,122
<b>56 U of New Mexico</b>	<b>133,980</b>	<b>100,442</b>	<b>1,904</b>	<b>1,853</b>	<b>25,321</b>	<b>4,460</b>
57 Mississippi State U	132,503	53,808	30,317	7,955	40,423	0
58 Oregon Health Sci U	131,486	109,165	1,956	12,430	0	7,935
59 UT Houston Health Sci Ctr	119,587	79,665	2,803	13,029	7,995	16,095
60 U CA Santa Barbara	<u>118,154</u>	<u>80,754</u>	<u>2,375</u>	<u>5,499</u>	<u>18,973</u>	<u>10,553</u>
<b>Total 1st 60 Institutions</b>	<b>15,419,238</b>	<b>8,043,612</b>	<b>1,430,431</b>	<b>1,099,597</b>	<b>3,724,133</b>	<b>1,121,465</b>

Source: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, Fiscal Year 2000.

\* Federal expenditures represents the dollar amount reported by each institution to NSF.

Table 7: Federal Obligations for Science and Engineering Research and Development to the 100 Universities and Colleges Receiving the Largest Amounts, Ranked by Total Amount Received: FY00 [Dollars in Thousands]\*

<u>Institution/Ranking</u>	<u>\$ Amount</u>
<b>Total, All Institutions</b>	<b>17,281,012</b>
51 Yeshiva University NY	109,107
52 U of IL Chicago	99,629
53 U of CA Irvine	97,282
54 Michigan State U	91,800
55 Rutgers St U of NJ	91,425
56 U of MD Baltimore	90,846
57 U of TX MD Anderson Cancer	90,566
58 U of Med & Dent of NJ	90,495
59 Princeton University	89,318
60 Carnegie Mellon U	88,258
<b>Total 1st 60 Institutions</b>	<b>11,721,831</b>
61 U Corp for Atmosph Research	87,305
<b>62 U of New Mexico</b>	<b>87,066</b>
63 Georgetown University	86,848
64 Purdue University	86,178
65 U of Kentucky All Campuses	85,447
66 LA St U All Campuses	85,054
67 SUNY at Stony Brook	84,496
68 U of TX Houston Hlth Sci	83,810
69 U of Cincinnati	78,089
70 U of MA Worcester	75,055
<b>Total 1st 70 Institutions</b>	<b>12,561,179</b>

Source: National Science Foundation/Division of Science Resources Statistics, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 2000.

\*Federal obligations data is submitted to NSF by federal funding agencies and represents new funds awarded for that fiscal year.

Table 8: Federal Obligations for Science and Engineering to the 100 Universities and Colleges Receiving the Largest Amounts, Ranked by Total Amount Received in FY00: FY96 - FY00 [Dollars in Thousands]\*

<u>Institution/Ranking</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>1999</u>	<u>2000</u>
<b>Total, All Institutions</b>	<b>14,449,919</b>	<b>15,095,984</b>	<b>16,093,819</b>	<b>18,057,927</b>	<b>19,879,155</b>
51 U Corp for Atmosph Rsch	22,544	16,361	92,000	115,158	116,680
52 Yeshiva University NY	78,018	85,332	100,569	103,908	115,841
53 Michigan State University	85,425	85,312	96,979	111,950	114,848
54 U of IL Chicago	61,552	65,237	82,041	103,887	111,829
55 Purdue University	88,311	96,044	86,074	92,527	107,299
56 Rutgers St U of NJ	78,380	84,578	85,993	93,125	105,843
57 U of Kentucky All Cmp	70,192	75,649	74,704	89,913	103,344
58 U of CA Irvine	69,861	71,464	77,401	103,756	102,447
59 U of MD Baltimore	71,966	73,372	84,641	89,547	99,000
60 LA State U All Cmp	<u>75,233</u>	<u>81,845</u>	<u>90,839</u>	<u>114,345</u>	<u>98,363</u>
<b>Total, 1st 60 Institutions</b>	<b>9,345,751</b>	<b>9,708,901</b>	<b>10,496,542</b>	<b>11,795,424</b>	<b>12,979,602</b>
61 U of Missouri Columbia	45,246	57,999	64,594	70,956	98,332
62 Carnegie Mellon U	99,441	104,248	90,008	101,532	95,881
63 U Med & Dent of NJ	56,845	62,093	64,763	74,094	95,291
64 Princeton University	75,068	77,751	85,097	84,021	94,086
<b>65 U of New Mexico</b>	<b>65,459</b>	<b>65,412</b>	<b>71,889</b>	<b>82,470</b>	<b>92,780</b>
66 U TX MD Anderson Cancr	56,618	60,612	67,891	85,167	92,691
67 Texas A&M U	86,254	85,069	64,395	92,625	91,167
68 Georgetown University	95,072	67,052	68,729	97,440	91,160
69 NC State U	77,041	79,728	79,368	87,947	90,745
70 SUNY at Stony Brook	<u>82,702</u>	<u>83,123</u>	<u>83,338</u>	<u>87,913</u>	<u>89,734</u>
<b>Total, 1st 70 Institutions</b>	<b>10,085,497</b>	<b>10,451,988</b>	<b>11,236,614</b>	<b>12,659,589</b>	<b>13,911,469</b>

Source: National Science Foundation/Division of Science Resources Statistics, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 2000.

\*Federal obligations data is submitted to NSF by federal funding agencies and represents new funds awarded for that fiscal year.



# unm figures

Figure 2: Contract and Grant Awards by Source of Funds FY02

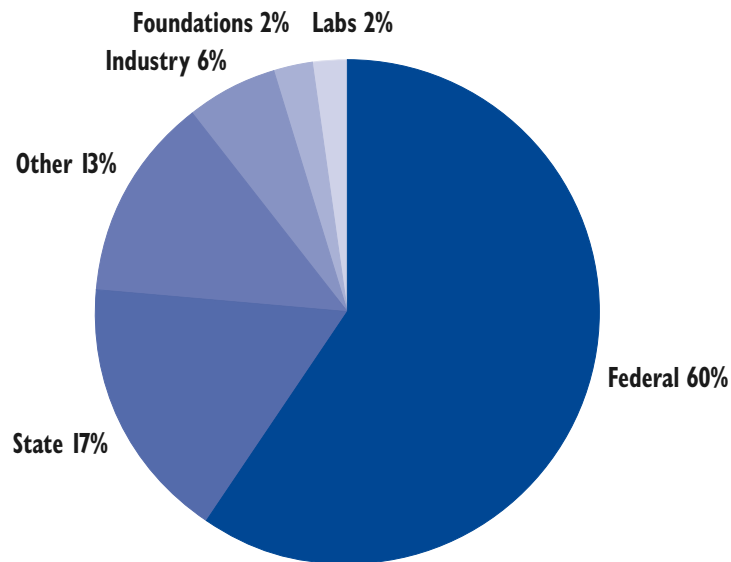


Figure 3: Breakdown of Federal Funds FY02

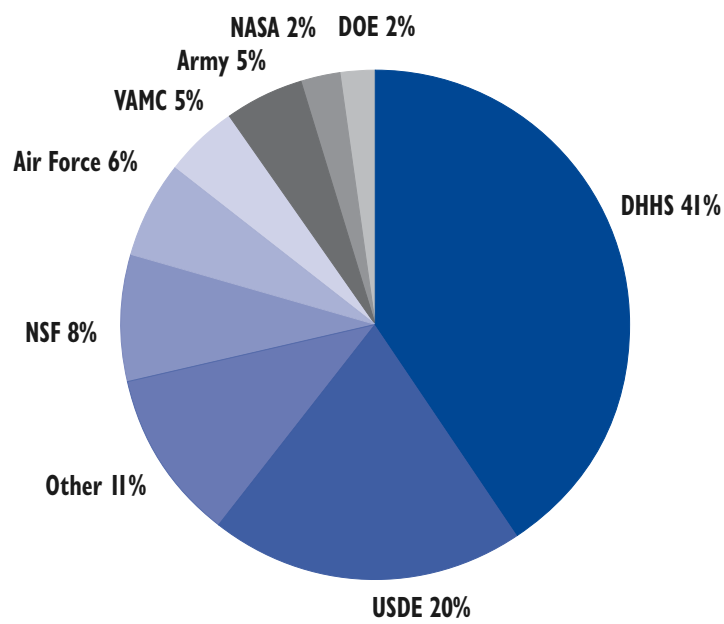


Figure 4: Contract and Grant Awards by Unit FY02

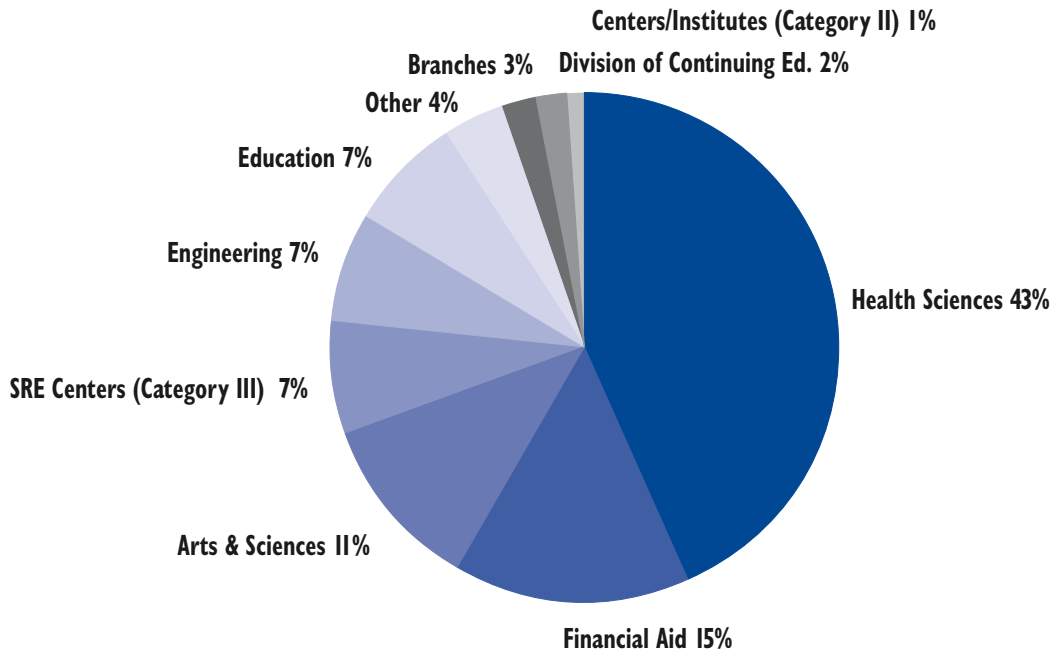


Figure 5: Total Contract and Grant Awards Ten Year History FY93 - FY02

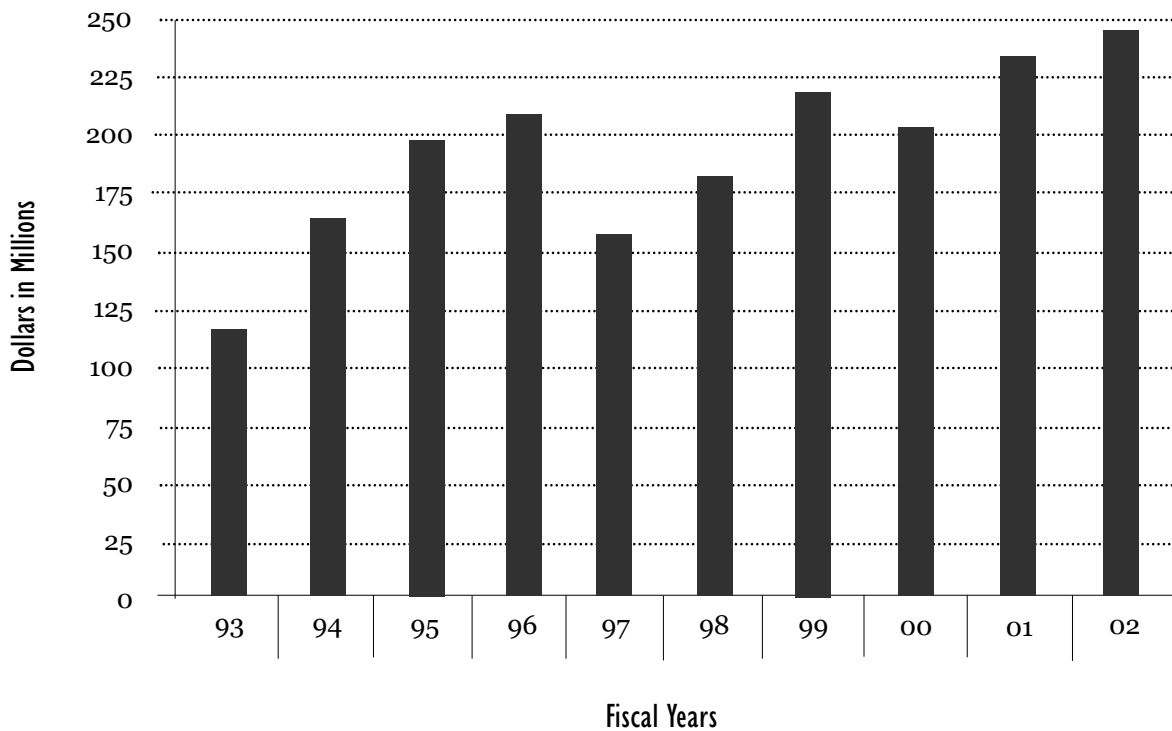


Figure 6: Contract and Grant Expenditures by Unit FY02

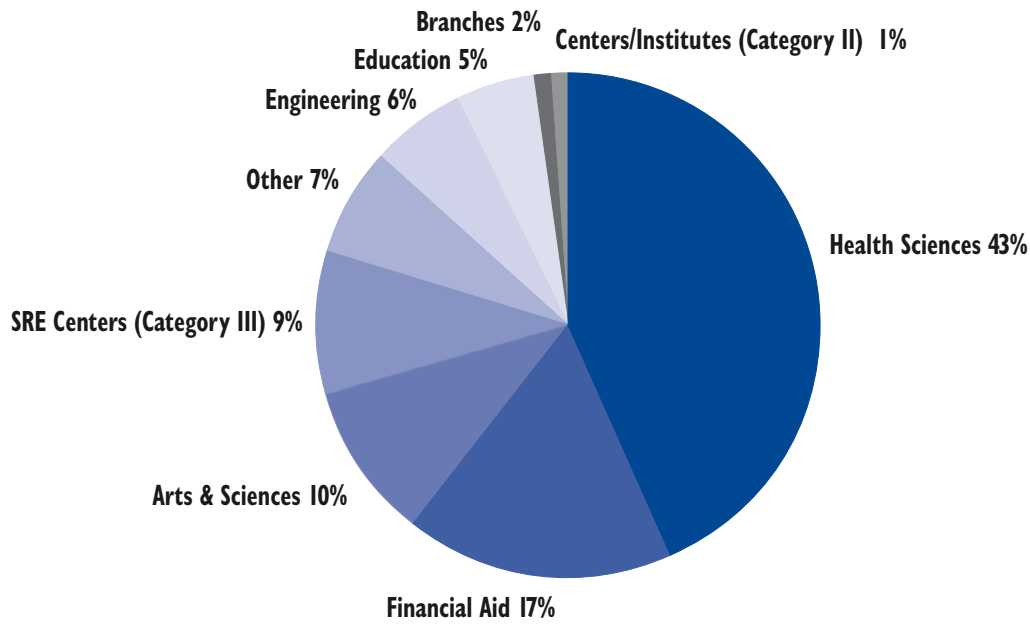
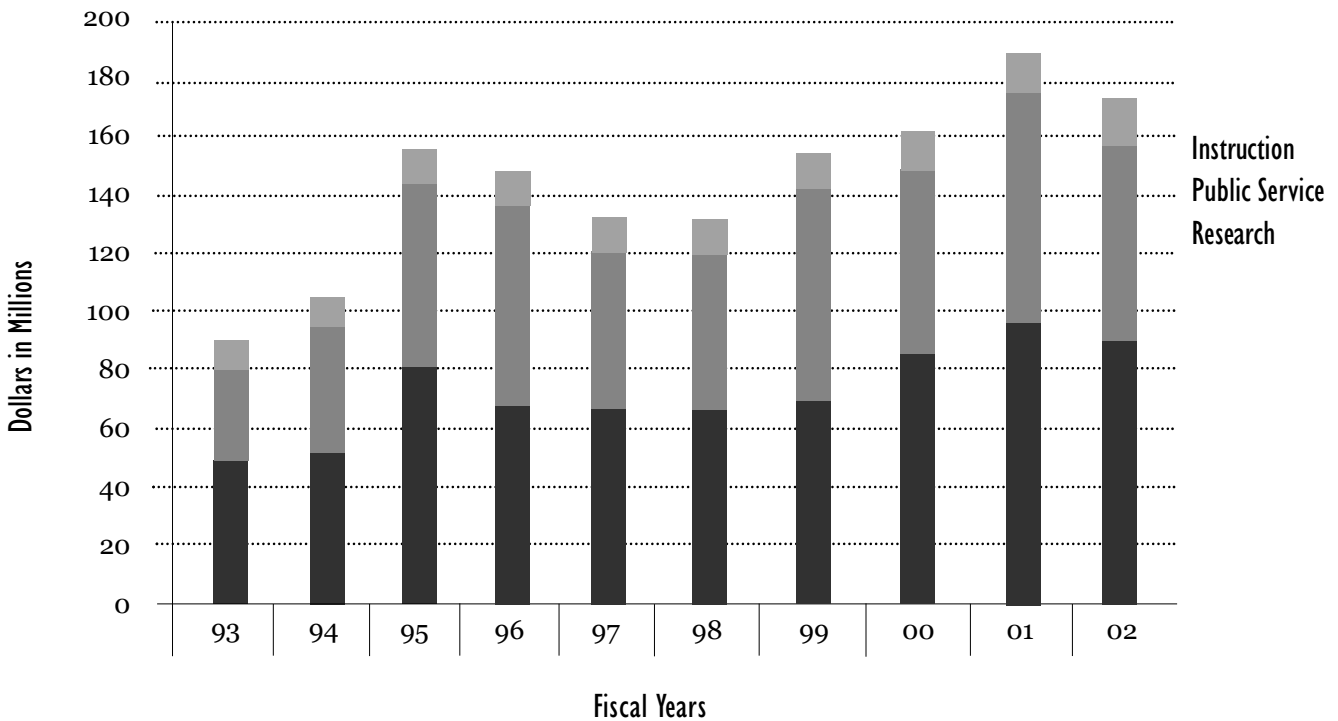


Figure 7: Total Contract and Grant Expenditures Ten Year History FY93 - FY02<sup>◇</sup>



<sup>◇</sup> Please see "References," page 32.

Note: Financial aid, endowments, fellowships, and F&A are not included in this graph.

Figure 8: Proposals by Unit FY02

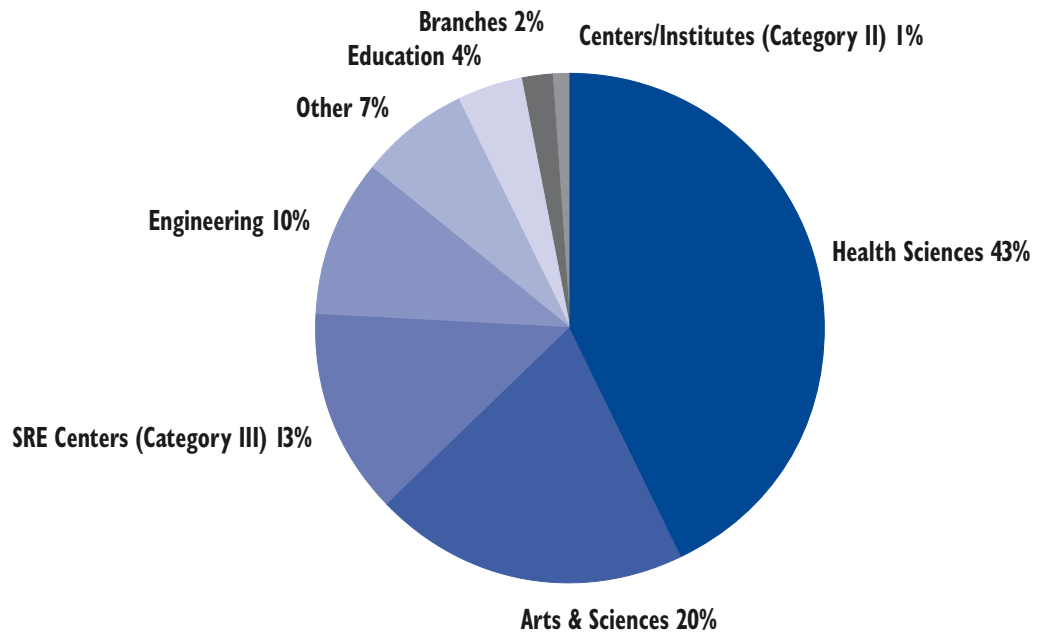
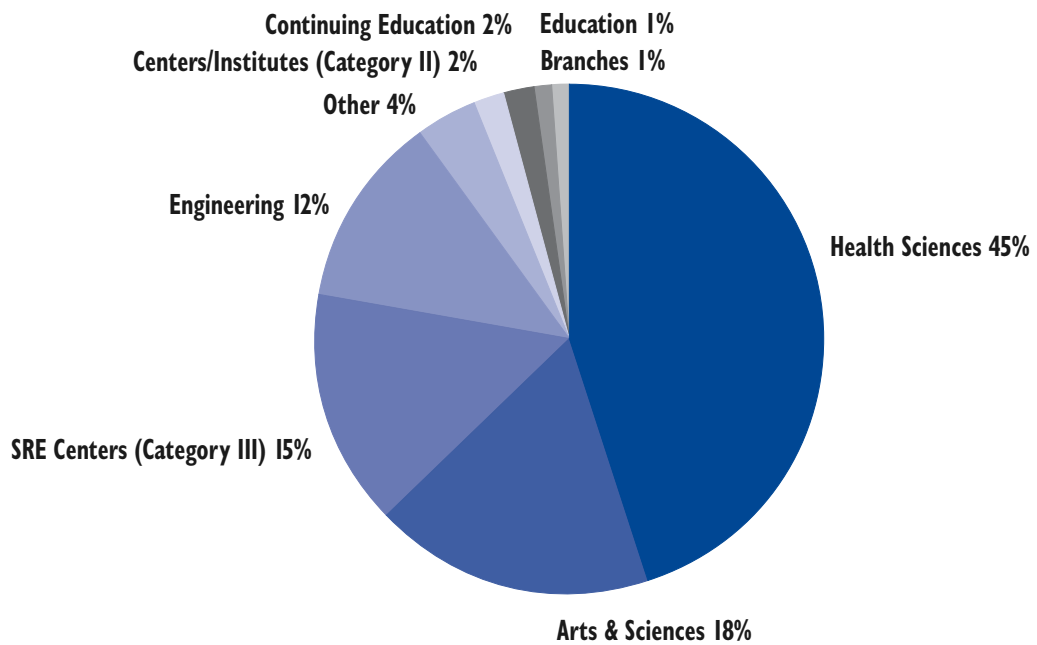


Figure 9: Facilities and Administrative Costs Generated by Unit FY02



# awards

External sponsored support at the University of New Mexico has increased 99 percent over a ten-year period. In FY02 UNM received \$247.6M for 1,507 awards. The Health Sciences Center had the largest percentage of contract and grant awards, 43%, for a total \$106.8M. The College of Arts and Sciences accounted for 11% of the awards, for a total of \$28.4M, and the School of Engineering accounted for 7% of the awards, for a total of \$18.3M. Table 9 reflects the number of contract and grants awarded from FY93 through FY02. Tables 10 through 14 and Figure 10 summarize awards dollar details by sources of funds and campus area. Figures 11 and 12 summarize awards dollars for the centers and for the departments whose principal investigators are involved.

Table 9: Award Dollars FY93 - FY02

<u>Year</u>	<u>Main</u>	<u>HSC</u>	<u>Total</u>
1993	89,023,122	35,193,405	124,216,527
1994	129,434,866	37,153,847	166,588,713
1995	151,705,415	45,238,026	196,943,441
1996	113,661,750	50,661,741	164,323,491
1997	109,623,005	50,062,341	159,685,346
1998	121,291,377	54,539,233	175,830,610
1999	148,630,252	69,997,296	218,627,548
2000	135,775,784	77,516,603	213,292,387
2001	147,240,410	88,490,573	235,730,983
2002	140,810,984	106,822,522	247,633,506

Table 10: Award Dollars by Source of Funds FY01 - FY02

<u>Source</u>	<u>FY01</u>	<u>FY02</u>	<u>% Change</u>
Federal Agencies	\$145,649,429	\$148,685,121	+2%
State of New Mexico	34,915,966	42,655,810	+22%
National Laboratories	8,557,216	5,631,388	-34%
Industry	11,947,239	14,127,240	+18%
Foundations	8,676,914	4,077,745	-53%
Other	<u>25,984,219</u>	<u>32,456,202</u>	<u>+20%</u>
<b>Total</b>	<b>\$235,730,983</b>	<b>\$247,633,506</b>	<b>+5%</b>

Table 11: Award Dollars by Campus Area FY01 - FY02

<u>Campus Areas</u>	<u>FY01</u>	<u>FY02</u>
<i>Main Campus</i>		
Anderson Schools of Management	\$130,733	\$297,500
College of Arts and Sciences	26,243,840	28,403,356
College of Education	10,483,851	16,668,320
College of Fine Arts	115,000	956,049
Division of Continuing Education	3,220,325	3,791,747
School of Architecture and Planning	587,459	223,164
School of Engineering	16,132,006	18,280,347
School of Law	3,468,152	918,917
Financial Aid	34,547,063	37,120,315
Branches	5,032,015	7,187,419
UNM Centers/Institutes (Category II)*	6,901,052	1,745,389
UNM SRE Centers (Category III)**	29,624,794	18,237,342
Other‡	10,754,120	6,981,119
<i>Health Sciences Center</i>		
Vice President for HSC and Other‡‡	3,245,051	6,040,054
School of Medicine	68,845,720	84,963,361
College of Nursing	415,288	1,449,100
College of Pharmacy	2,984,514	2,733,052
Cancer Research and Treatment Center†	<u>13,000,000</u>	<u>11,636,955</u>
<b>Sub Total Main Campus</b>	<b>143,493,671</b>	<b>140,810,984</b>
<b>Sub Total Health Sciences Center</b>	<b><u>88,490,573</u></b>	<b><u>106,822,522</u></b>
<b>Total</b>	<b>\$235,730,983</b>	<b>\$247,633,506</b>

\*, \*\*, ‡, ‡‡, † See "References," page 32.

Table 12: Award Dollars by Source of Funds: Funds Distribution FY02

<u>Source</u>	<u>Fin. Aid</u>	<u>Main</u>	<u>HSC</u>	<u>Total</u>	<u>%</u>
Federal Agencies	\$22,638,939	\$58,105,133	\$67,941,049	\$148,685,121	60%
State of New Mexico	14,481,376	15,892,150	12,282,284	42,655,810	17%
National Laboratories	0	4,743,698	887,690	5,631,388	2%
Industry	0	4,052,693	10,074,547	14,127,240	6%
Foundations	0	1,484,055	2,593,690	4,077,745	2%
Other	<u>0</u>	<u>19,412,940</u>	<u>13,043,262</u>	<u>32,456,202</u>	<u>13%</u>
<b>Total</b>	<b>\$37,120,315</b>	<b>\$103,690,669</b>	<b>\$106,822,522</b>	<b>\$247,633,506</b>	<b>100%</b>

Table 13: Awards by Campus Area FY02

<u>Campus Area</u>	<u># of Awards</u>	<u>\$ Amount</u>
<i>Main Campus</i>		
Anderson Schools of Management	10	\$297,500
College of Arts and Sciences	325	28,403,356
College of Education	71	16,668,320
College of Fine Arts	5	956,049
Division of Continuing Education	5	3,791,747
School of Architecture and Planning	6	223,164
School of Engineering	197	18,280,347
School of Law	14	918,917
Financial Aid	9	37,120,315
Branches	67	7,187,419
UNM Centers/Institutes (Category II)*	25	1,745,389
UNM SRE Centers (Category III)**	106	18,237,342
Other‡	41	6,981,119
<i>Health Sciences Center</i>		
Vice President for HSC and Other‡‡	27	6,040,054
School of Medicine	511	84,963,361
College of Nursing	13	1,449,100
College of Pharmacy	22	2,733,052
Cancer Research and Treatment Center†	53	<u>11,636,955</u>
<b>Sub Total Main Campus</b>	<b>881</b>	<b>140,810,984</b>
<b>Sub Total Health Sciences Center</b>	<b><u>626</u></b>	<b><u>106,822,522</u></b>
<b>Grand Total</b>	<b>1,507</b>	<b>\$247,633,506</b>

\*, \*\*, ‡, ‡‡, † See "References," page 32.

Table 14: Funding Agencies Providing More Than \$2M in Support FY02

<u>Agency</u>	<u>\$ Amount</u>
U.S. Department of Health and Human Services	\$61,020,124
State of New Mexico	42,655,810
U.S. Department of Education	29,145,399
National Science Foundation	12,384,346
U.S. Air Force	8,970,678
Veterans Administration Medical Center	8,147,575
U.S. Army	7,716,591
Albuquerque Public Schools	7,292,397
Sandia National Laboratories	3,295,962
City of Albuquerque	3,033,896
Department of Energy	2,872,656
Merck & Co.	2,767,858
National Aeronautics and Space Administration	2,714,376
MIND Institute	2,369,250
Defense Advanced Research Projects Agency	2,335,409
U.S. Navy	2,064,595
Los Alamos National Laboratory	2,013,126

Figure 10: Funding Agencies Providing More Than \$2M FY02

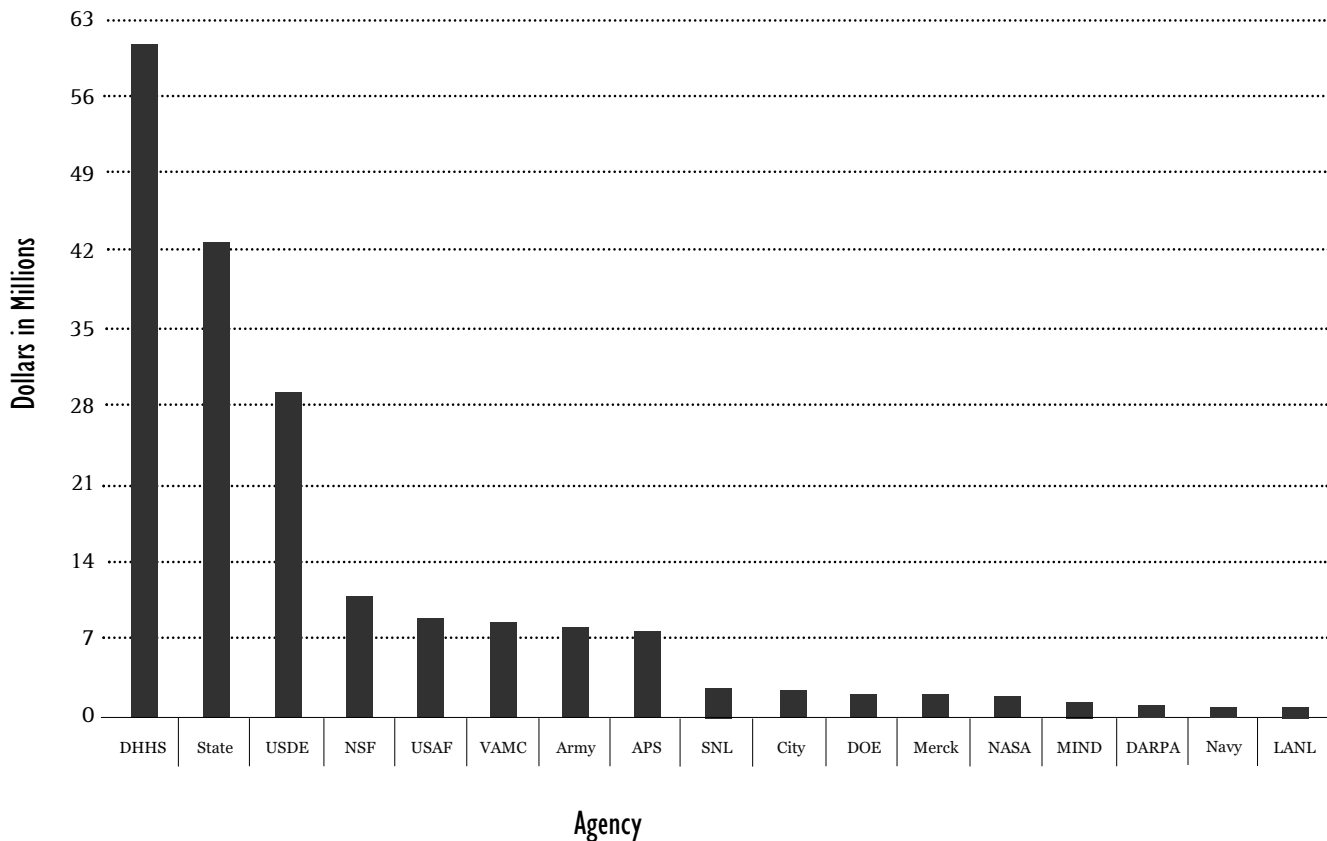
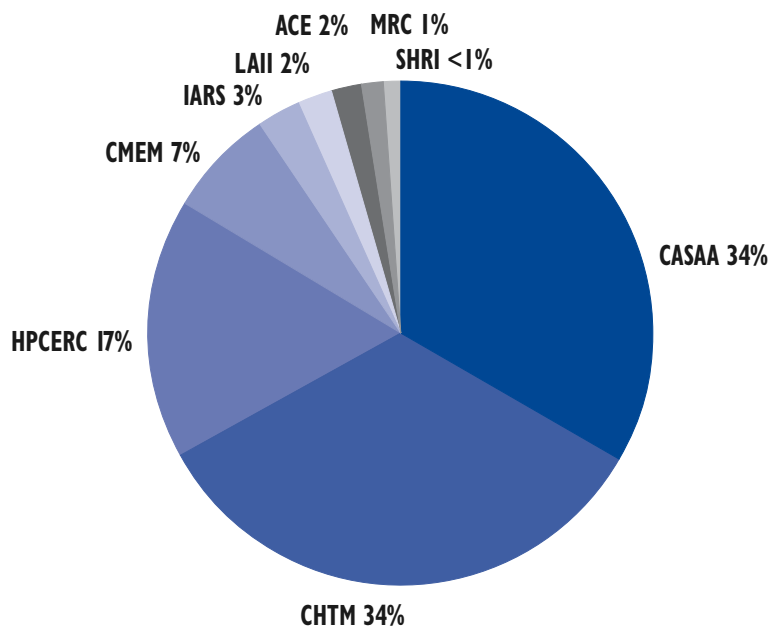


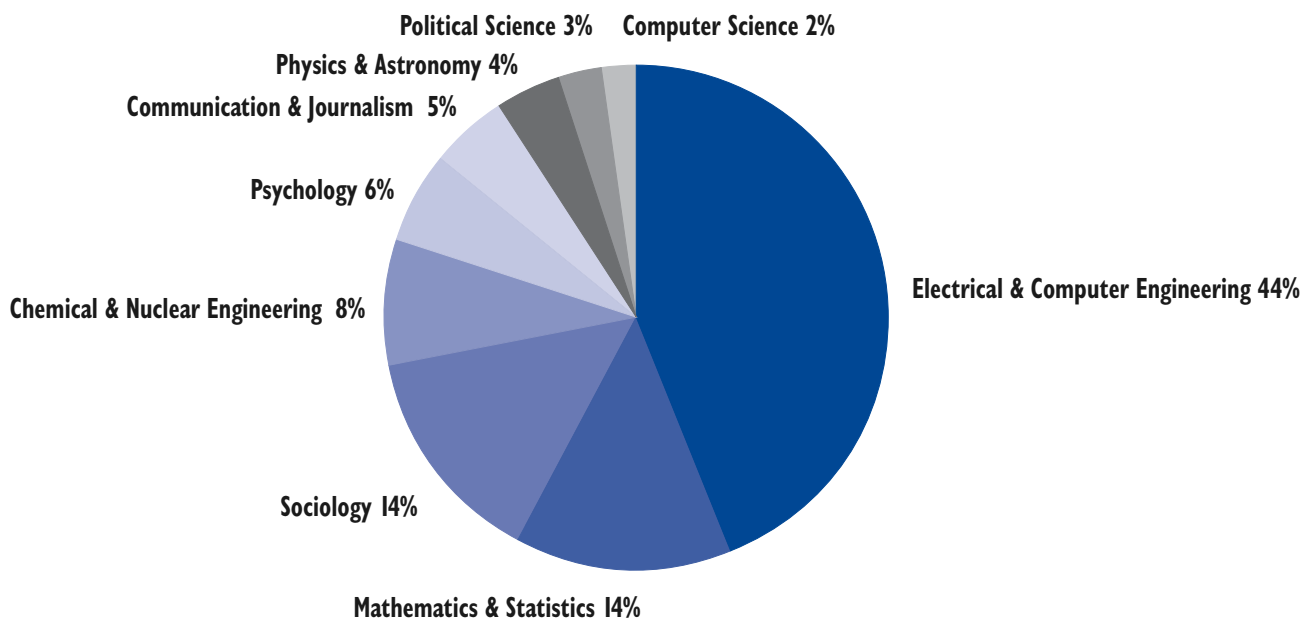


Figure 11: Contract & Grants Awards by Centers/Institutes II and III FY02



CASAA = Center on Alcoholism, Substance Abuse and Addictions; CHTM = Center for High Technology Materials; CMEM = Center for Micro-Engineered Materials; HPCERC = High Performance Computing, Education and Research Center; IARS = Institute for Applied Research Services; LAII = Latin American and Iberian Institute; MRC = Microelectronics Research Center; SHRI = Southwest Hispanic Research Institute.

Figure 12: Contract & Grants Awards for Centers/Institutes II and III by PI's Department FY02



# funding trends

Figure 13: Five Year Funding Trends by Source of Funds: Federal Awards FY98 - FY02

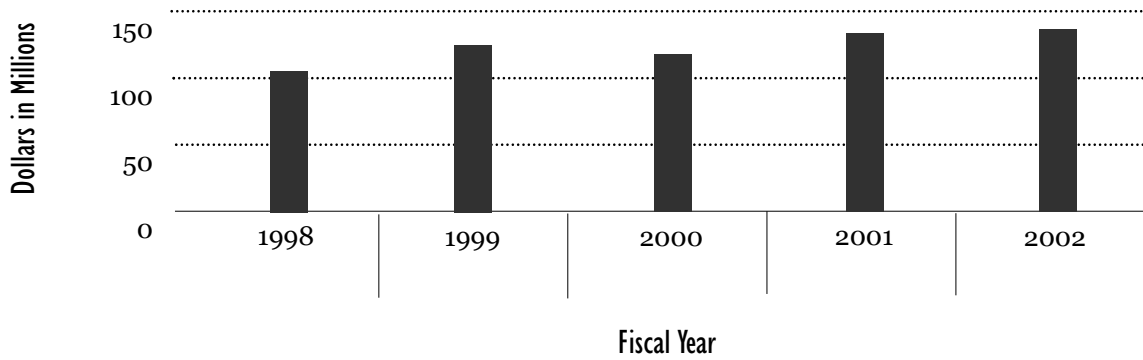


Figure 14: Five Year Funding Trends by Source of Funds: Foundation Awards FY98 - FY02

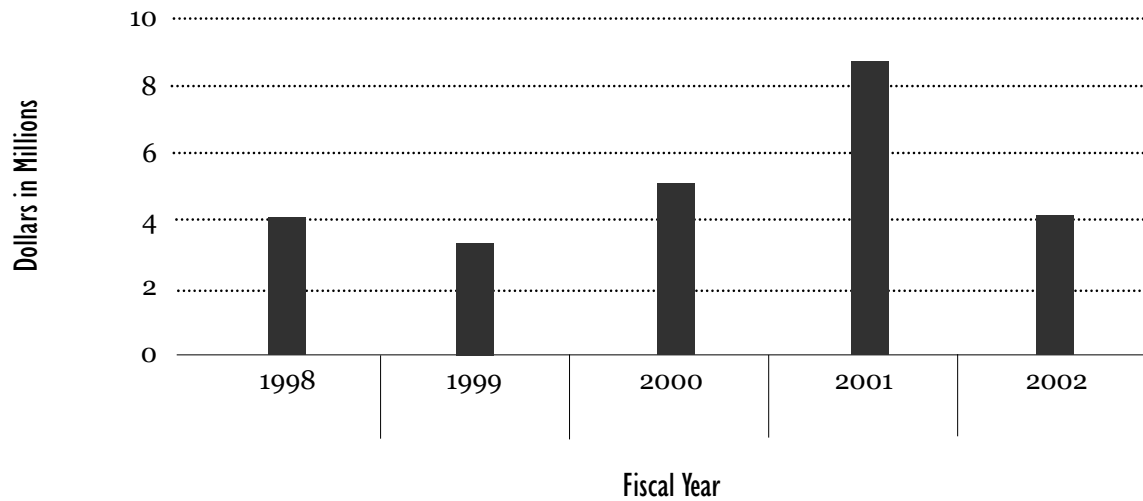


Figure 15: Five Year Funding Trends by Source of Funds: Industry Awards FY98 - FY02

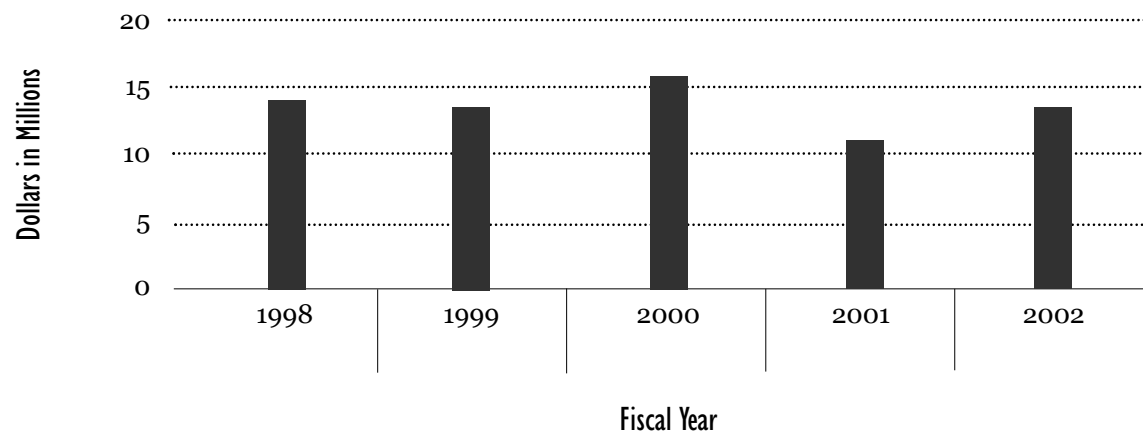


Figure 16: Five Year Funding Trends by Source of Funds: National Lab Awards FY98 - FY02

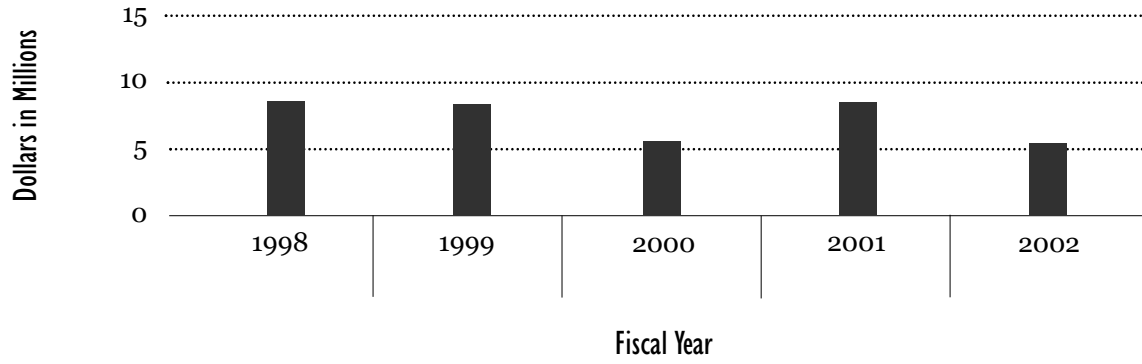


Figure 17: Five Year Funding Trends by Source of Funds: State Awards FY98 - FY02

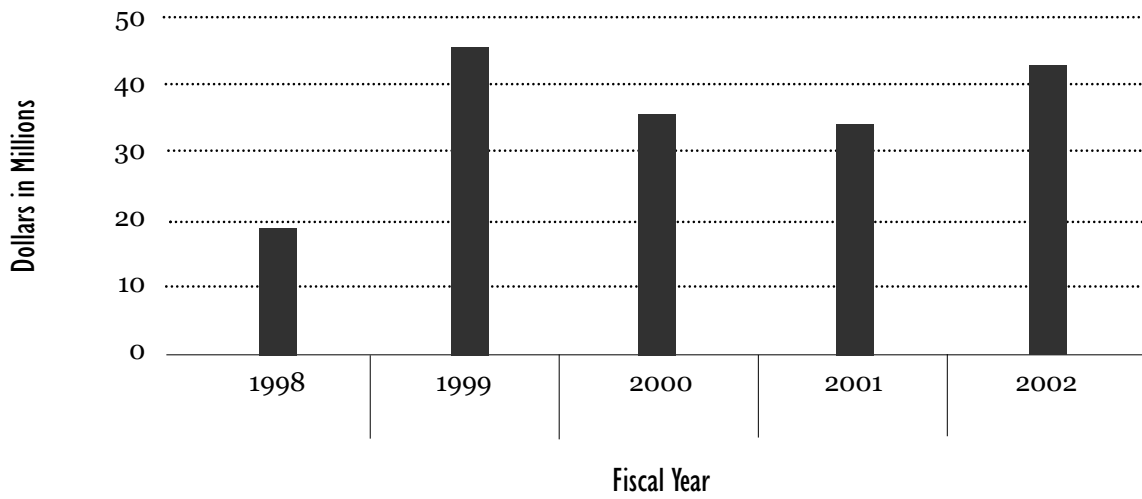
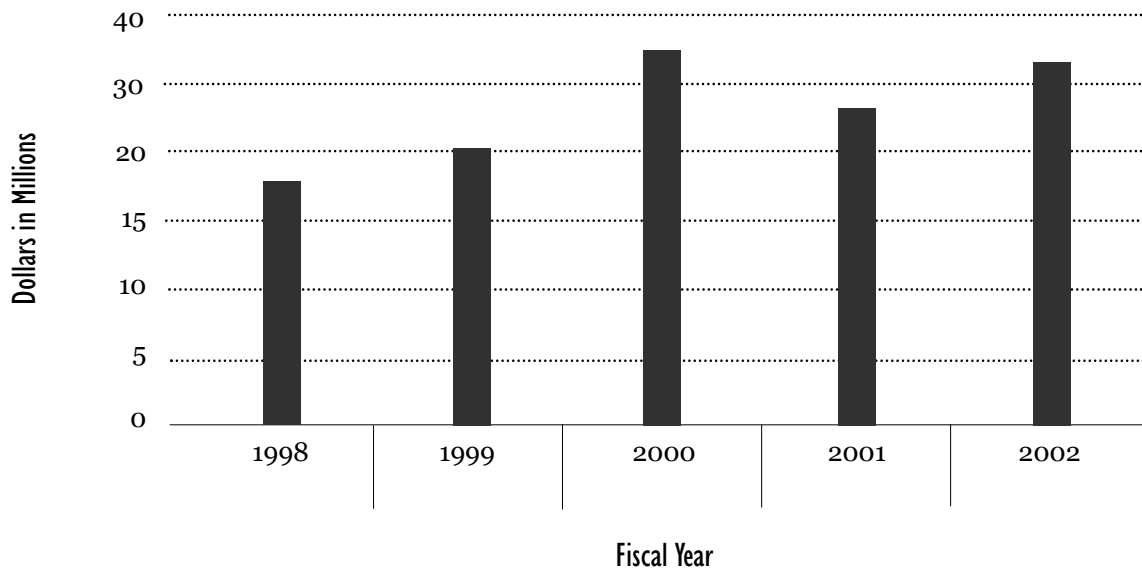


Figure 18: Five Year Funding Trends by Source of Funds: Other Awards FY98 - FY02



# proposals

During FY02, 1,813 proposals were submitted by UNM faculty and staff.

Table 15: Proposals by Campus Area: School, College and Division FY02

Campus Area	Number of Proposals	\$ Amount Requested
<i>Main Campus</i>		
Anderson Schools of Management	9	\$133,700
College of Arts and Sciences	347	74,089,109
College of Education	75	14,951,296
College of Fine Arts	8	1,168,823
Division of Continuing Education	3	809,364
School of Architecture and Planning	13	439,548
School of Engineering	211	37,958,622
School of Law	15	1,078,092
<i>Branches</i>		
UNM Centers/Institutes (Category II)*	25	2,870,858
UNM SRE Centers (Category III)**	106	48,185,663
Other‡	85	21,011,481
<i>Health Sciences Center</i>		
Vice President for HSC and Other‡‡	20	2,885,225
School of Medicine	721	128,156,941
College of Nursing	18	1,887,577
College of Pharmacy	33	3,771,086
Cancer Research and Treatment Center†	<u>68</u>	<u>19,384,652</u>
<b>Sub Total Main Campus</b>	<b>953</b>	<b>209,890,537</b>
<b>Sub Total Health Sciences Center</b>	<b><u>860</u></b>	<b><u>156,085,481</u></b>
<b>Total</b>	<b>1,813</b>	<b>\$365,976,018</b>

\*, \*\*, ‡, ‡‡, † See "References," page 32.

# expenditures

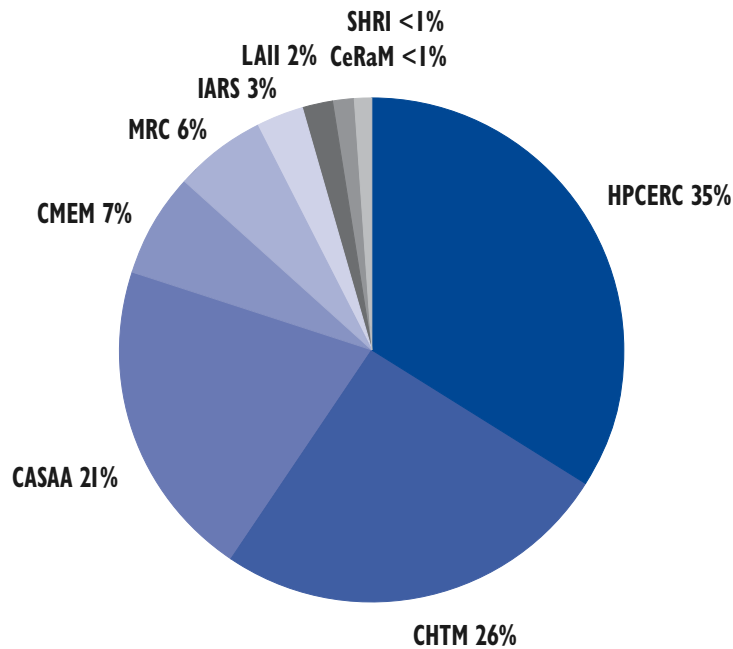
During FY02, expenditures at UNM were \$215.3M<sup>◇</sup>, of which \$122.4M were due to the main campus and \$92.9M were due to HSC. This number represents expenses actually incurred for items such as salaries, fringe benefits, materials, services, equipment, and travel (excluding F&A costs).

Table 16: UNM Contract and Grant Expenditures FY02

<u>College/School/Division</u>	<u>Expenditures</u>
<i>Main Campus</i>	
Anderson Schools of Management	\$121,918
College of Arts and Sciences	20,567,817
College of Education	11,010,635
College of Fine Arts	107,758
Division of Continuing Education	4,319,188
School of Architecture and Planning	222,993
School of Engineering	12,964,241
School of Law	1,170,123
<i>UNM Centers/Institutes (Category II)</i>	
Center for Radioactive Waste Management	38,404
Center for Autonomous Control Engineering	(48,845)
Institute for Applied Research Services	692,458
Latin American and Iberian Institute	476,133
Microelectronics Research Center	1,267,273
Southwest Hispanic Research Institute	963
<i>UNM Strategic Research Emphasis Centers (Category III)</i>	
Center on Alcoholism, Substance Abuse and Addictions	4,598,739
Center for High Technology Materials	5,593,851
Center for Micro-Engineered Materials	1,474,855
High Performance Computing, Education and Research Center	7,583,413
<i>Branch Campuses</i>	
Gallup	1,851,230
Los Alamos	394,614
Taos Education Center	662,869
Valencia	2,187,960
Financial Aid	37,120,315
Other <sup>‡</sup>	8,013,428
<i>Health Sciences Center</i>	
Vice President for HSC and Other <sup>##</sup>	1,939,687
School of Medicine	79,354,244
College of Nursing	844,365
College of Pharmacy	1,946,740
Cancer Research and Treatment Center <sup>†</sup>	8,785,578
<b>Sub Total Main Campus</b>	<b>122,392,333</b>
<b>Sub Total Health Sciences Center</b>	<b>92,870,584</b>
<b>Total</b>	<b>\$215,262,917</b>

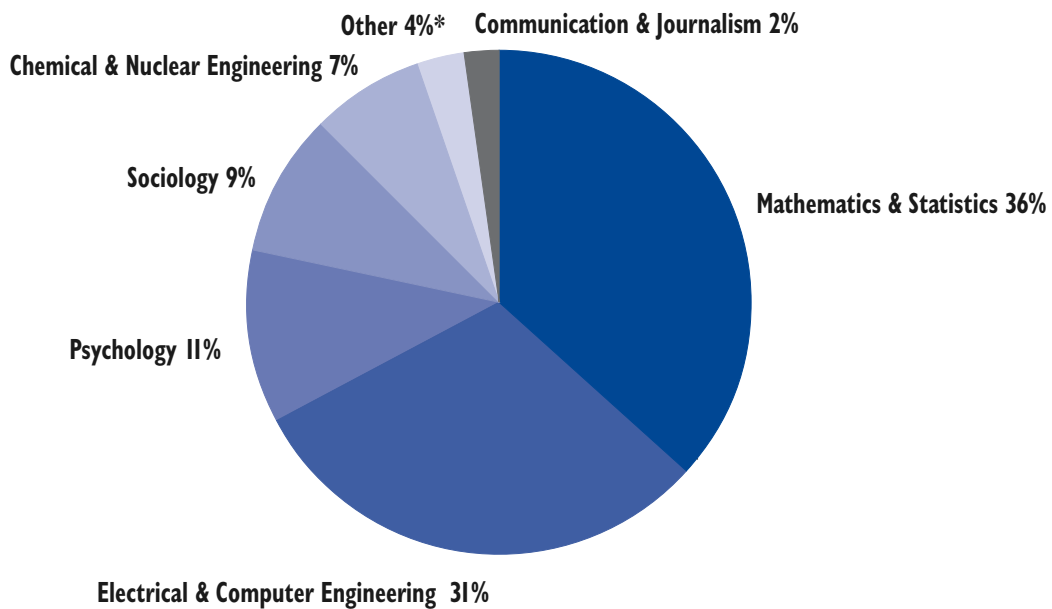
◇, ‡, ##, † See "References," page 32.

Figure 19: Total Expenditures by Centers/Institutes II and III FY02



CASAA = Center on Alcoholism, Substance Abuse and Addictions; CeRaM = Center for Radioactive Waste Management; CHTM = Center for High Technology Materials; CMEM = Center for Micro-Engineered Materials; HPCERC = High Performance Computing, Education and Research Center; IARS = Institute for Applied Research Services; LAII = Latin American and Iberian Institute; MRC = Microelectronics Research Center; SHRI = Southwest Hispanic Research Institute.

Figure 20: Total Expenditures by Centers/Institutes II and III Associated with PI's Departments FY02



\*Other includes Mechanical Engineering, Computer Science, Political Science and Physics & Astronomy.

# facilities and administrative costs

Facilities and Administrative Costs (F&A, formerly known as indirect costs or IDC) are overhead funds that are generated while expenditures were incurred during FY02. The following table details the F&A generated by the various colleges, schools and divisions, centers and institutes, and branch campuses.

Table 17: F&A Generated FY02

<u>College/School/Division</u>	<u>F&amp;A</u>
<i>Main Campus</i>	
Anderson Schools of Management	\$20,342
College of Arts and Sciences	5,872,398
College of Education	493,843
College of Fine Arts	617
Division of Continuing Education	703,245
School of Architecture and Planning	33,445
School of Engineering	3,884,391
School of Law	148,330
<i>Branch Campuses</i>	
Gallup	75,649
Los Alamos	4,380
Taos Educational Center	22,421
Valencia	149,794
<i>UNM Centers/Institutes (Category II)</i>	
Center for Radioactive Waste Management	4,368
Institute for Applied Research Services	46,657
Latin American and Iberian Institute	18,079
Microelectronics Research Center	577,946
Southwest Hispanic Research Institute	97
<i>UNM Strategic Research Emphasis Centers (Category III)</i>	
Center on Alcoholism, Substance Abuse and Addictions	874,541
Center for High Technology Materials	1,510,700
Center for Micro-Engineered Materials	413,907
High Performance Computing, Education and Research Center	1,851,239
Other‡	860,665
<i>Health Sciences Center</i>	
Vice President for HSC and Other‡‡	91,134
School of Medicine	10,457,589
College of Nursing	210,880
College of Pharmacy	645,115
Cancer Research and Treatment Center†	<u>2,895,504</u>
<b>Sub Total Main Campus</b>	<b>17,567,054</b>
<b>Sub Total Health Sciences Center</b>	<b><u>14,300,223</u></b>
<b>Total</b>	<b>\$31,867,277</b>

‡, ‡‡, † Please see "References," page 32.

# appendix

## THE OFFICE OF THE VICE PROVOST FOR RESEARCH

The Office of the Vice Provost for Research, Division of Sponsored Projects Services (OVPR–DSPS) reviews all proposals from the main campus and branch campuses prior to their submission to funding agencies. The OVPR–DSPS staff works closely with principal investigators to ensure an accurate proposal, with all requisite forms, budgets, and certifications, as well as timely turnaround. After this internal review, each proposal is signed by the designated University administrator on behalf of the Vice Provost for Research.

Proposals and awards for the Health Sciences Center (HSC) are handled through the HSC Controller’s Office. The Health Sciences Center includes the School of Medicine, College of Nursing, College of Pharmacy, and other programs.

The Office of the Vice Provost for Research, Division of Research Development, Information and Logistical Services (OVPR–DRDILS) publishes *Research Notes* several times a year. *Research Notes* informs readers of limited competitions, changes in rules and regulations and special funding opportunities. OVPR–DRDILS is also responsible for various publications including *Faculty Publications and Creative Works*, the *Contract and Grant Awards Report*, *The New Mexico Funding Directory*, *UNM: Information Overview*, and the *Guide for Principal Investigators*.

OVPR–DRDILS maintains and develops several databases that are accessible at the OVPR Web site including the *GENIUS|SMARTS Researcher Profiling and Funding Matching System* and the *Midas Databases of Funding Sources*. *GENIUS|SMARTS* allows UNM faculty to record their research profile and receive funding information automatically via email. The UNM research community can access *Midas* to read the *Taft Corporate and Foundation Directory*, *Federal Register* or *Commerce Business Daily*, or to search on any number of public and private databases to look for funding sources. Additional information, such as awards and statistics information, current events, limited competitions, and policies and procedures, is available at the OVPR Web site <http://research.unm.edu>.



# references

## KEY TO SYMBOLS

◇ \$176M: approximately 50%, 42%, 8% attributed to research, public service, and instruction respectively; see Figure 7.

\* UNM Centers/Institutes (Category II) includes: Center for Radioactive Waste Management, Center for Autonomous Control Engineering, Institute for Applied Research Services, Latin American and Iberian Institute, Microelectronics Research Center, and Southwest Hispanic Research Center.

\*\* UNM Strategic Research Emphasis Centers (Category III) includes: Center on Alcoholism, Substance Abuse and Addictions; Center for High Technology Materials; Center for Micro-Engineered Materials; and High Performance Computing, Education and Research Center.

‡ Other includes: Chicano Studies; Computer and Information Resource and Technology; Vice President for Academic Affairs, Vice Provost for Research; Division of Public Administration; General Library; Graduate Studies; KNME-TV; KUNM-FM; Special Services Program; Vice President for Business and Finance; Vice President for Student Affairs; University Art Museum; University Honors Program; and Water Resources Administration Program.

‡‡ Vice President for HSC and Other includes: Animal Research Facility; Health Sciences Center Library; Health Sciences Ethics Program; Mental Health Center; Poison Control; Telemedicine; Children's Psychiatric Hospital; Vice President for Health Sciences; and Young Children's Health Center.

† Cancer Research and Treatment Center includes: New Mexico Tumor Registry.