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Awards Annual Report: Fiscal Year 1997

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The University of New Mexico

awards

annual report / 97 fiscal year



Office of Research Services

The University of New Mexico

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The Office of Research Services

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message

FROM THE ASSOCIATE PROVOST FOR RESEARCH/DEAN OF GRADUATE STUDIES



It is a pleasure for me to release this 1997 annual report, which summarizes the University of New Mexico's (UNM) sponsored activities for fiscal year 1997 (i.e., July 1, 1996 - June 30, 1997, FY97). The purpose of this report is to present statistics of FY97 sponsored research, public service and instruction efforts at the main campus and Health Sciences Center (HSC). UNM, a Research I Institution, is ranked in the top 40 of the nation's public universities and colleges, based on annual research and development (R&D) expenditures (see p. 7).

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 involve 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 Research Services.

The awards received for FY97 total \$159.7M, of which \$109.6M is attributed to the main campus. 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. During FY97, \$6.3M was paid to 605 graduate students for research assistantships.

UNM centers continue to flourish and promote interdisciplinary research. They acquired \$33M 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 FY97; *expenditures* — expenses incurred with respect to C&G awards in effect during FY97; *facilities and administrative costs* (F+A), formerly known as indirect costs (IDC) — overhead funds that were generated as a result of expenditures incurred during FY97.

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 Research Services, and Marsha Truax of the Health Sciences Center.

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 cursive script that reads "Nasir Ahmed".

Nasir Ahmed, Presidential Professor

Interim Associate Provost for Research and Dean of Graduate Studies

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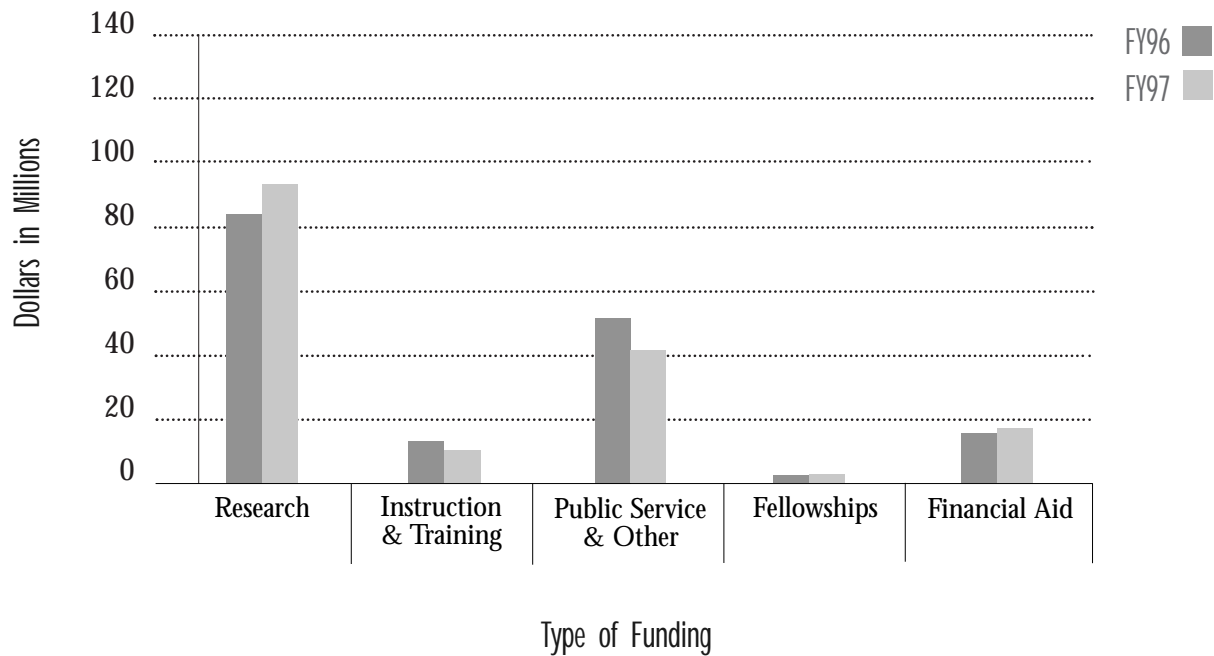
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summary

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 FY97 (July 1, 1996 - June 30, 1997) awards, by category is as follows:

	FY96	FY97
Research	\$85,610,099	\$92,421,690
Instruction & Training	11,880,880	8,093,856
Public Service & Other	48,368,890	40,117,548
Fellowships	939,205	974,291
Financial Aid	<u>17,524,417</u>	<u>18,077,961</u>
Total	\$164,323,491	\$159,685,346

Figure 1: Summary FY96 - FY97



summary

The FY97 total for external sponsored support to the University of New Mexico is \$159.7M. As in the past, the federal government remains the primary source of UNM sponsored projects and represents 64% of sponsored support at UNM. State funding represents 12% of sponsored support. Funding from the national laboratories represents 4% of total sponsored support. Foundation support contributes to 2% of sponsored funds. Industry accounted for 9% of total sponsored support. Other support, which includes funds from universities, nonprofit organizations, local schools and foreign entities accounted for 9% of sponsored support.

The largest federal sponsor was the National Institutes of Health, followed by the US Air Force and the State of New Mexico. 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 FY97 is 1,283 and a total of 563 UNM principal investigators received awards. 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. 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 FY97

Table 1a

<u>Total C&G Awards</u>	<u>Percentage of Total C&G Awards</u>
Total C&G Awards: UNM	\$159.7M
Total C&G Awards: Main Campus	\$109.6M (68.6%)
Total C&G Awards: HSC	\$50.1M (31.4%)

Table 1b

<u>Source of C&G Awards (UNM)</u>	<u>Percentage of Total C&G Awards</u> [Total: \$159.7M]
Foundations	2%
Federal	64%
Industry	9%
National Laboratories	4%
State of New Mexico	12%
Other	9%

Table 1c

<u>Source of C&G Awards (Main Campus)</u>	<u>Percentage of Total C&G Awards</u> [Total: \$109.6M]
Foundations	1%
Federal	70%
Industry	7%
National Laboratories	5%
State of New Mexico	10%
Other	7%

Table 1d

<u>Source of C&G Awards (HSC)</u>	<u>Percentage of Total C&G Awards</u> [Total: \$50.1M]
Foundations	2%
Federal	64%
Industry	9%
National Laboratories	4%
State of New Mexico	12%
Other	9%

statistics summary

FUNDING CATEGORIES FY97

Table 2

<u>Funding Category</u>	<u>Main Campus</u> [Total: \$109.6M]	<u>HSC</u> [Total: \$50.1M]	<u>UNM</u> [Total: \$159.7M]
Research	62%	51%	58%
Public Service	15%	46%	25%
Instruction	6%	2%	5%
Fellowships	1%	1%	1%
Financial Aid	16%	0%	11%

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 FY92 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 18*.

Table 3: UNM's Ranking for Total R&D Expenditures Compared to all Universities and Colleges: FY92 - FY96

<u>Year</u>	<u>Ranking</u>
FY96	69
FY95	55
FY94	79
FY93	84
FY92	83

Table 4: UNM's Ranking for Total R&D Expenditures Compared to all Public Universities and Colleges: FY92 - FY96

<u>Year</u>	<u>Ranking</u>
FY96	47
FY95	37
FY94	54
FY93	58
FY92	57

Table 5: Total R&D Expenditures at Universities and Colleges: FY92 - FY96 [Dollars in Thousands]*

<u>Institution/Ranking</u>	<u>1996</u>	<u>1995</u>	<u>1994</u>	<u>1993</u>	<u>1992</u>
Total, All Institutions	22,995,463	22,207,253	21,050,664	19,948,348	18,816,086
61 SUNY Stony Brook	126,377	122,611	113,251	107,817	98,906
62 U of Missouri Columbia	123,133	122,870	121,256	106,193	97,242
63 U of MD Baltimore	122,207	107,874	110,866	111,772	100,312
64 University of IL Chicago	121,540	119,381	113,741	106,952	102,267
65 U TX MD Anderson Cncr	120,964	122,181	122,357	127,475	112,121
66 U CA Irvine	119,647	109,908	104,778	100,631	89,275
67 University of Kentucky	118,721	111,934	105,539	102,911	92,244
68 Vanderbilt University	117,003	111,224	110,105	96,181	95,447
69 University of New Mexico	116,618	129,354	90,315	76,736	72,863
70 University of Utah	<u>114,423</u>	<u>105,642</u>	<u>103,771</u>	<u>105,263</u>	<u>108,486</u>
Total 1st 70 Institutions	15,543,291	15,072,106	14,377,667	13,668,729	12,976,259
71 Georgetown University	112,582	102,421	82,661	73,785	64,937
72 Princeton University ²	112,380	104,157	99,287	95,561	93,958
73 Wayne State University	112,151	106,140	94,632	85,627	81,127
74 Boston University	110,267	103,709	90,504	91,158	83,701
75 University of Oklahoma	109,071	102,337	95,747	92,019	92,146
76 Rockefeller University	105,595	99,348	74,458	74,396	75,102
77 U of Nebraska Lincoln	102,460	107,721	102,746	94,959	91,427
78 University of Kansas	100,649	100,702	95,701	85,134	75,004
79 Washington State U	98,641	96,810	94,819	92,434	85,080
80 U Med & Dent NJ	<u>98,535</u>	<u>96,365</u>	<u>86,866</u>	<u>76,410</u>	<u>84,505</u>
Total 1st 80 Institutions	16,605,622	16,091,816	15,295,088	14,530,212	13,803,246

Source: National Science Foundation/SRS, Survey of Scientific and Engineering Expenditures at Universities and Colleges, Fiscal Year 1996.

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

² 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: FY96 [Dollars in Thousands]*

<u>Institution/Ranking</u>	<u>Total</u>	<u>Federal Govt.</u>	<u>State & Local Govts.</u>	<u>Industry</u>	<u>Institutional Funds</u>	<u>Other</u>
Total, All Institutions	15,531,711	8,423,888	1,564,222	1,062,281	3,489,881	991,439
41 U of Missouri Columbia	123,133	33,397	16,201	8,164	57,357	8,014
42 U of MD Baltimore	122,207	65,211	17,246	19,450	10,122	10,178
43 University of IL Chicago	121,540	58,911	2,112	6,746	43,308	10,383
44 U TX MD Anderson Cncr	120,964	42,794	0	0	47,699	30,471
45 U CA Irvine	119,647	72,994	5,519	10,391	17,560	13,183
46 University of Kentucky	118,721	51,450	11,397	13,374	39,227	3,273
47 University of New Mexico	116,618	76,850	3,332	2,389	27,858	6,189
48 University of Utah	114,423	93,788	741	3,825	9,373	6,696
49 Wayne State University	112,151	46,264	11,569	8,977	34,784	10,557
50 University of Oklahoma	109,071	42,679	14,386	6,650	33,823	11,533
Total 1st 50 Institutions	10,540,245	5,848,927	1,006,338	725,017	2,236,379	723,584
51 U of Nebraska Lincoln	102,460	32,352	36,751	3,465	28,209	1,683
52 University of Kansas	100,649	41,858	7,621	9,356	36,473	5,341
53 Washington State U	98,641	48,807	3,049	3,149	34,042	9,594
54 U Med & Dent NJ	98,535	47,505	7,900	7,741	27,966	7,423
55 U of South Florida	94,157	29,751	8,511	3,282	46,520	6,093
56 U CA Santa Barbara	91,284	73,400	1,832	2,988	8,457	4,607
57 University of Cincinnati	89,286	52,561	1,848	9,079	18,839	6,959
58 Auburn University	87,358	31,401	634	4,212	46,819	4,292
59 Clemson University	84,836	28,109	16,301	5,887	30,408	4,131
60 Arizona State University	84,653	38,947	1,136	2,758	39,180	2,632
Total 1st 60 Institutions	11,472,104	6,273,618	1,091,921	776,934	2,553,292	776,339

Source: National Science Foundation/SRS, Survey of Scientific and Engineering Expenditures at Universities and Colleges, Fiscal Year 1996.

* 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: FY95 [Dollars in Thousands]*

<u>Institution/Ranking</u>	<u>\$ Amount</u>
Total, All Institutions	12,068,442
71 University of New Mexico	50,032
72 Wake Forest University	49,485
73 U TX Hlth Sci Ctr Houston	48,325
74 Oregon Hlth Sciences U	48,090
75 University of Kentucky	47,985
76 Thomas Jefferson U	47,843
77 U Hawaii Manoa	47,709
78 Wayne State University	47,237
79 University of Connecticut	46,914
80 U Med & Dent NJ	<u>46,067</u>
Total 1st 80 institutions	9,248,247

Source: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1995.

*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 FY95: FY91 - FY95 [Dollars in Thousands]*

<u>Institution/Ranking</u>	<u>1991</u>	<u>1992</u>	<u>1993</u>	<u>1994</u>	<u>1995</u>
Total, All Institutions	11,835,370	12,749,593	12,751,061	13,774,695	14,346,042
51 University of Miami	74,377	75,487	69,919	88,931	86,753
52 Emory University	61,596	68,164	67,482	78,294	84,828
53 NC State U Raleigh	63,505	77,955	71,590	72,875	84,655
54 Oregon State University	61,191	62,960	65,003	67,854	83,912
55 Carnegie Mellon U	55,474	67,580	78,287	70,030	83,276
56 University of New Mexico	37,680	43,387	60,999	74,407	83,155
57 U TX SW Med Ctr Dallas	59,837	63,950	65,314	77,368	78,776
58 Princeton University	58,149	62,373	65,389	67,326	78,242
59 SUNY at Stony Brook	54,173	61,976	62,504	66,489	75,876
60 U CA Irvine	55,090	66,369	64,050	69,565	71,578
Total 1st 60 Institutions	7,737,825	8,388,651	8,353,097	9,014,554	9,475,822
61 Louisiana State U All Cmp	66,521	60,933	81,596	80,457	70,581
62 Woods Hole Oceanographic	54,118	75,329	66,821	68,281	69,967
63 VA Polytech Inst & St U	46,060	49,225	69,187	73,172	69,574
64 U MD Baltimore	51,061	54,644	52,466	64,373	69,262
65 Yeshiva University NY	77,415	77,808	67,942	76,114	69,095
66 Colorado State University	51,700	59,217	53,949	66,980	66,635
67 University of Kentucky	49,383	57,734	60,649	65,372	66,336
68 U CA Santa Barbara	48,427	51,433	54,855	64,875	63,678
69 University of Georgia	58,205	62,607	68,180	66,858	61,137
70 Iowa State University	52,611	51,250	56,984	71,813	58,126
Total 1st 70 Institutions	8,293,326	8,988,831	8,985,726	9,712,849	10,140,213

Source: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1995.

*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 FY97

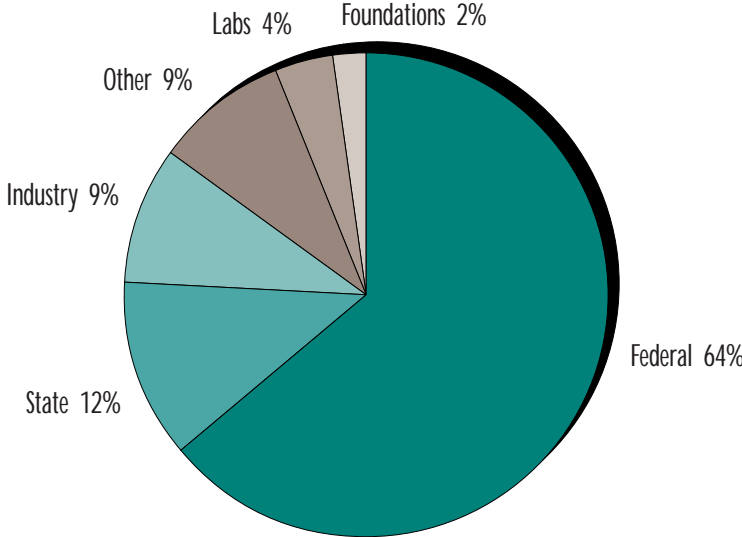


Figure 3: Breakdown of Federal Funds FY97

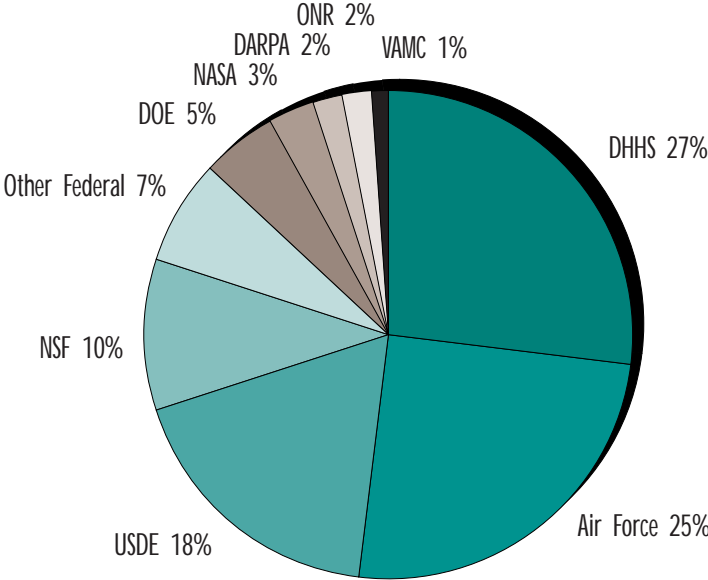


Figure 4: Contract and Grant Awards by Unit FY97

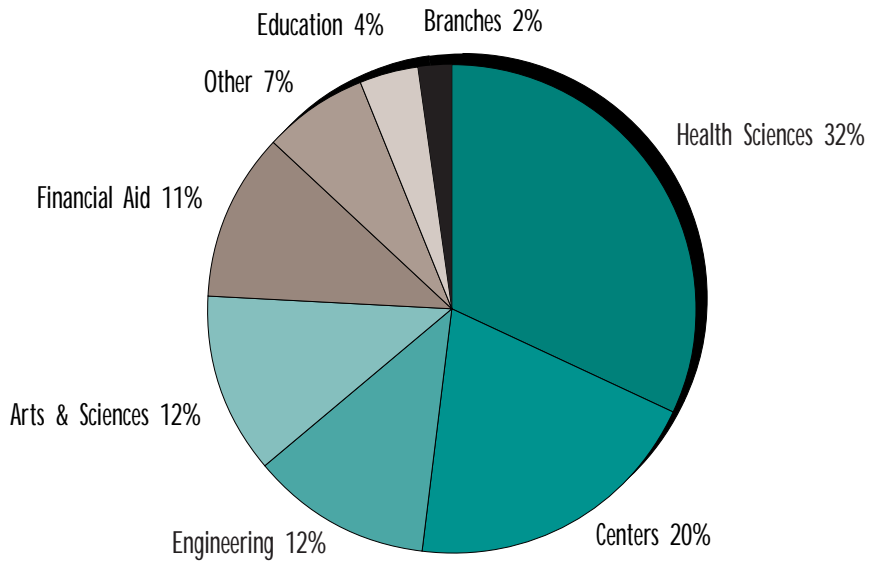


Figure 5: Total Contract and Grant Awards Ten Year History FY88 - FY97

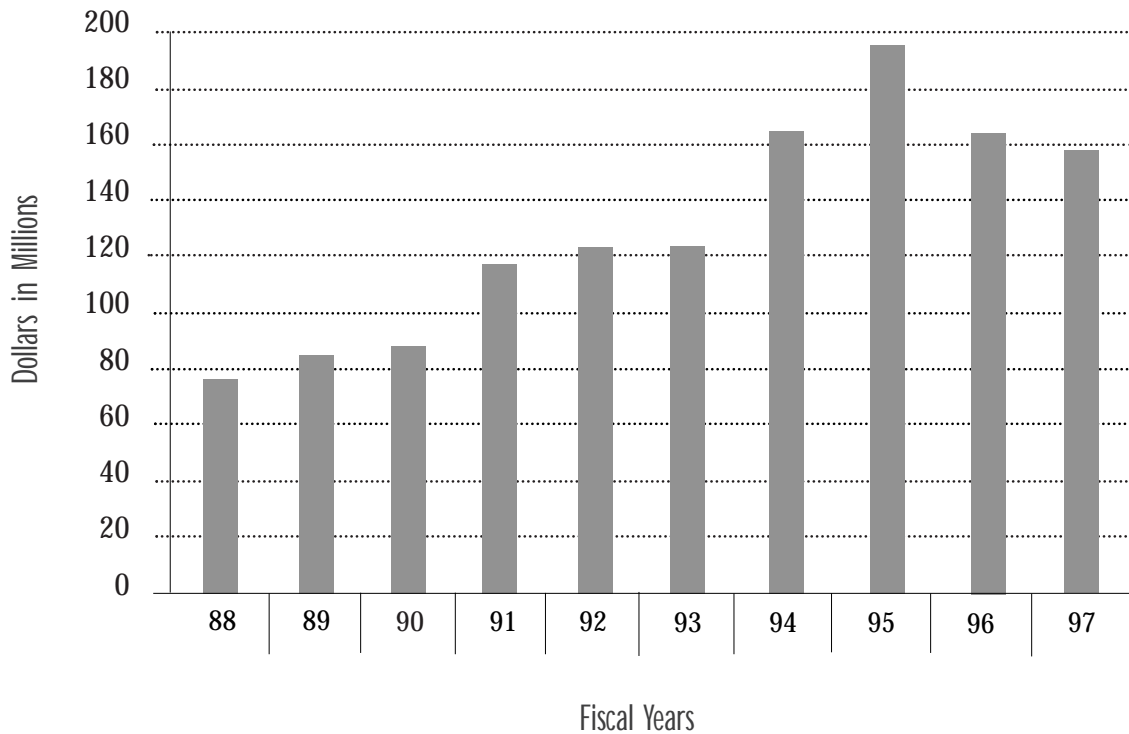


Figure 6: Contract and Grant Expenditures by Unit FY97

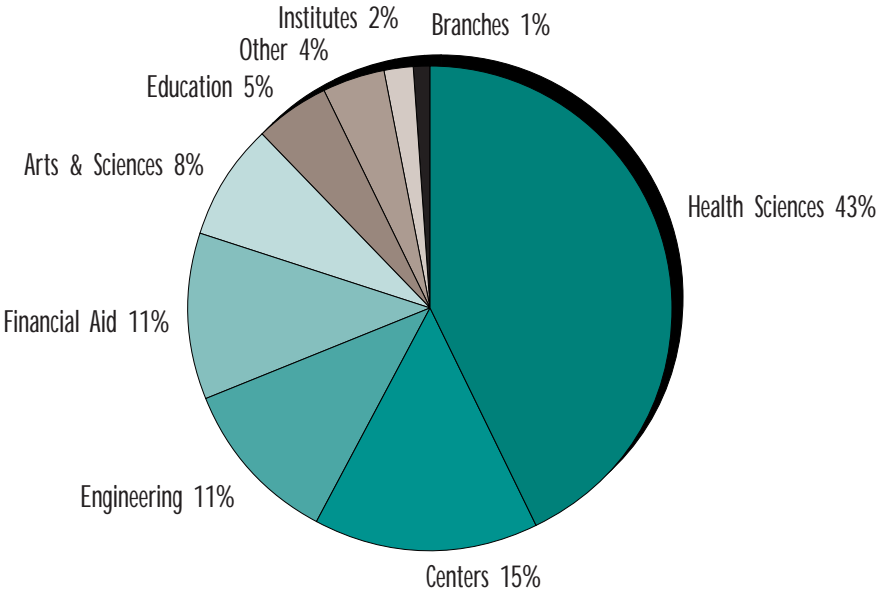
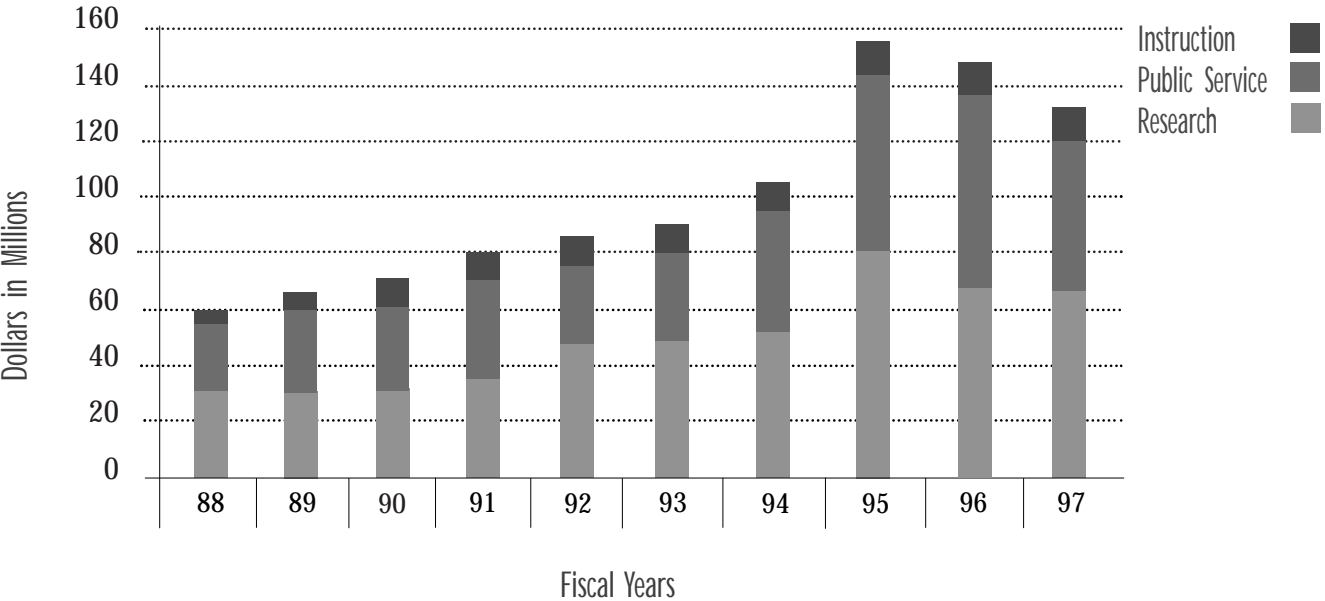


Figure 7: Total Contract and Grant Expenditures Ten Year History FY88 - FY97



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

Figure 8: Proposals by Unit FY97

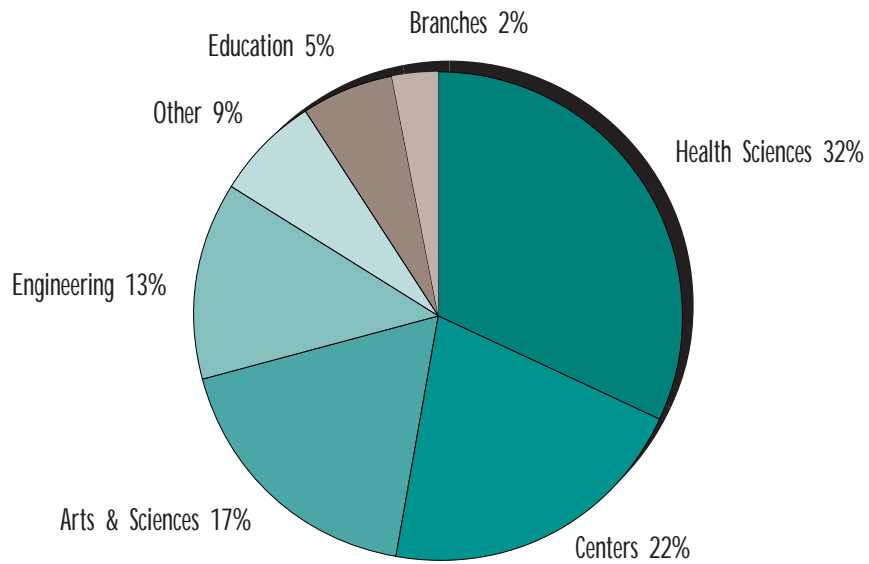
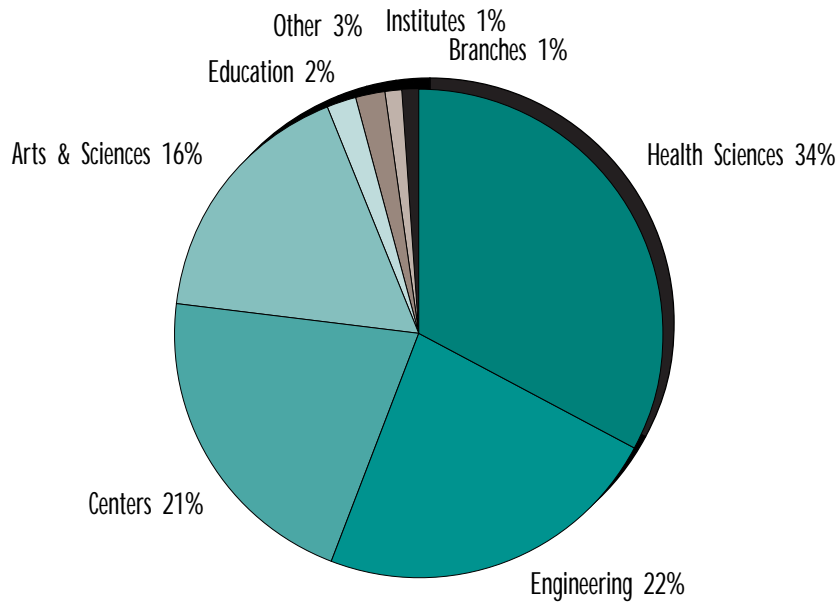


Figure 9: Facilities and Administrative Costs Generated by Unit FY97



awards

External sponsored support at the University of New Mexico has increased 107% over a ten-year period. In FY97 UNM received \$159.7M for 1,283 awards. The Health Sciences Center had the largest percentage of contract and grant awards, 32%, for a total \$50.1M. The School of Engineering accounted for 12% of the awards, for a total of \$18.5M and the College of Arts and Sciences with 12% of the awards, for a total of \$19.6M. *Table 9* reflects the number of contract and grants awarded from FY88 through FY97. *Tables 10 through 14* and *Figure 10* summarize award 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 FY88 - FY97

<u>Year</u>	<u>Main</u>	<u>HSC</u>	<u>Total</u>
1988	\$51,820,229	\$25,381,294	\$77,201,523
1989	65,292,819	19,490,851	84,783,670
1990	57,893,153	26,700,661	84,593,814
1991	80,590,517	37,504,733	118,095,250
1992	89,501,957	34,362,051	123,864,008
1993	89,023,122	35,193,405	124,221,527
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	159,685,347

Table 10: Award Dollars by Source of Funds FY96 - FY97

<u>Source</u>	<u>FY96</u>	<u>FY97</u>	<u>% Change</u>
Federal Agencies	\$96,599,216	\$102,656,741	+6%
State of New Mexico	20,502,731	18,551,687	+10%
National Laboratories	11,442,525	6,303,773	-45%
Industry	16,751,416	14,735,344	+12%
Foundations	2,576,986	2,987,704	+16%
Other	<u>16,450,617</u>	<u>14,650,098</u>	<u>-11%</u>
Total	\$164,323,491	\$159,685,347	-3%

Table 11: Award Dollars by Campus Area FY96 - FY97

<u>Campus Areas</u>	<u>FY96</u>	<u>FY97</u>
<i>Main Campus</i>		
Anderson Schools of Management	\$162,377	\$137,188
College of Arts and Sciences	19,917,113	19,551,510
College of Education	10,699,362	5,951,132
College of Fine Arts	218,402	6,400
Division of Continuing Education	238,359	45,761
School of Architecture and Planning	150,377	50,130
School of Engineering	27,433,618	18,476,472
School of Law	1,847,718	1,355,040
Financial Aid	17,524,417	18,077,961
Branches	1,986,757	2,788,822
UNM Centers	25,590,444	33,066,001
UNM Institutes	3,156,943	3,985,336
Other*	<u>4,735,363</u>	<u>6,131,252</u>
<i>Health Sciences Center</i>		
Vice President for HSC and Other**	2,266,738	2,390,140
School of Medicine	42,721,046	38,299,606
College of Nursing	519,392	687,821
College of Pharmacy	1,204,805	1,471,014
Cancer Research and Treatment Center‡	<u>3,949,760</u>	<u>7,213,760</u>
Sub Total Main Campus	113,661,750	109,623,005
Sub Total Health Sciences Center	<u>50,661,741</u>	<u>50,062,341</u>
Total	\$164,323,491	\$159,685,347

*, **, ‡ See "References," page 28.

Table 12: Award Dollars by Source of Funds: Funds Distribution FY97

<u>Source</u>	<u>Fin. Aid</u>	<u>Main</u>	<u>HSC</u>	<u>Total</u>	<u>%</u>
Federal Agencies	\$14,531,529	\$61,909,541	\$26,215,670	\$102,565,741	64%
State of New Mexico	3,546,432	7,497,377	7,507,878	18,551,687	12%
National Laboratories		5,600,301	703,472	6,303,773	4%
Industry		7,739,747	6,795,597	14,535,344	9%
Foundations		1,211,274	1,776,430	2,987,704	2%
Other	_____	<u>7,586,804</u>	<u>7,063,294</u>	<u>14,650,098</u>	<u>9%</u>
Total	\$18,077,961	\$91,545,044	\$50,062,341	\$159,685,347	100%

Table 13: Awards by Campus Area FY97

<u>Campus Area</u>	<u># of Awards</u>	<u>\$ Amount</u>
<i>Main Campus</i>		
Anderson Schools of Management	5	\$137,188
College of Arts and Sciences	299	19,551,510
College of Education	63	5,951,132
College of Fine Arts	2	6,400
Division of Continuing Education	2	45,761
School of Architecture and Planning	7	50,130
School of Engineering	221	18,476,472
School of Law	33	1,355,040
Financial Aid	5	18,077,961
Branches	42	2,788,822
UNM Centers	101	33,066,001
UNM Institutes	28	3,985,336
Other*	<u>62</u>	<u>6,131,252</u>
<i>Health Sciences Center</i>		
Vice President for HSC and Other**	15	2,390,140
School of Medicine	323	38,299,606
College of Nursing	9	687,821
College of Pharmacy	15	1,471,014
Cancer Research and Treatment Center‡	<u>51</u>	<u>7,213,760</u>
Sub Total Main Campus	870	109,623,005
Sub Total Health Sciences Center	<u>413</u>	<u>50,062,341</u>
Grand Total	1,283	\$159,685,347

**, **, ‡ Please see "References," page 28.*

Table 14: Funding Agencies Providing More Than \$1M in Support FY97

Agency	\$ Amount
National Institutes of Health	\$27,853,278
U.S. Air Force	25,954,356
State of New Mexico	18,551,687
U.S. Department of Education	18,284,904
National Science Foundation	9,783,909
Department of Energy	4,781,087
Sandia National Laboratories	4,500,888
National Aeronautics and Space Administration	3,416,971
City of Albuquerque	2,556,574
Office of Naval Research	2,131,886
New Mexico State University	1,883,199
Intel Corporation	1,811,600
Defense Advanced Research Projects Agency	1,591,259
Los Alamos National Laboratory	1,325,673
National Telecommunications and Information Administration	1,294,934
Veterans Administration Medical Center	1,129,028

Figure 10: Agencies Providing More Than \$1M FY97

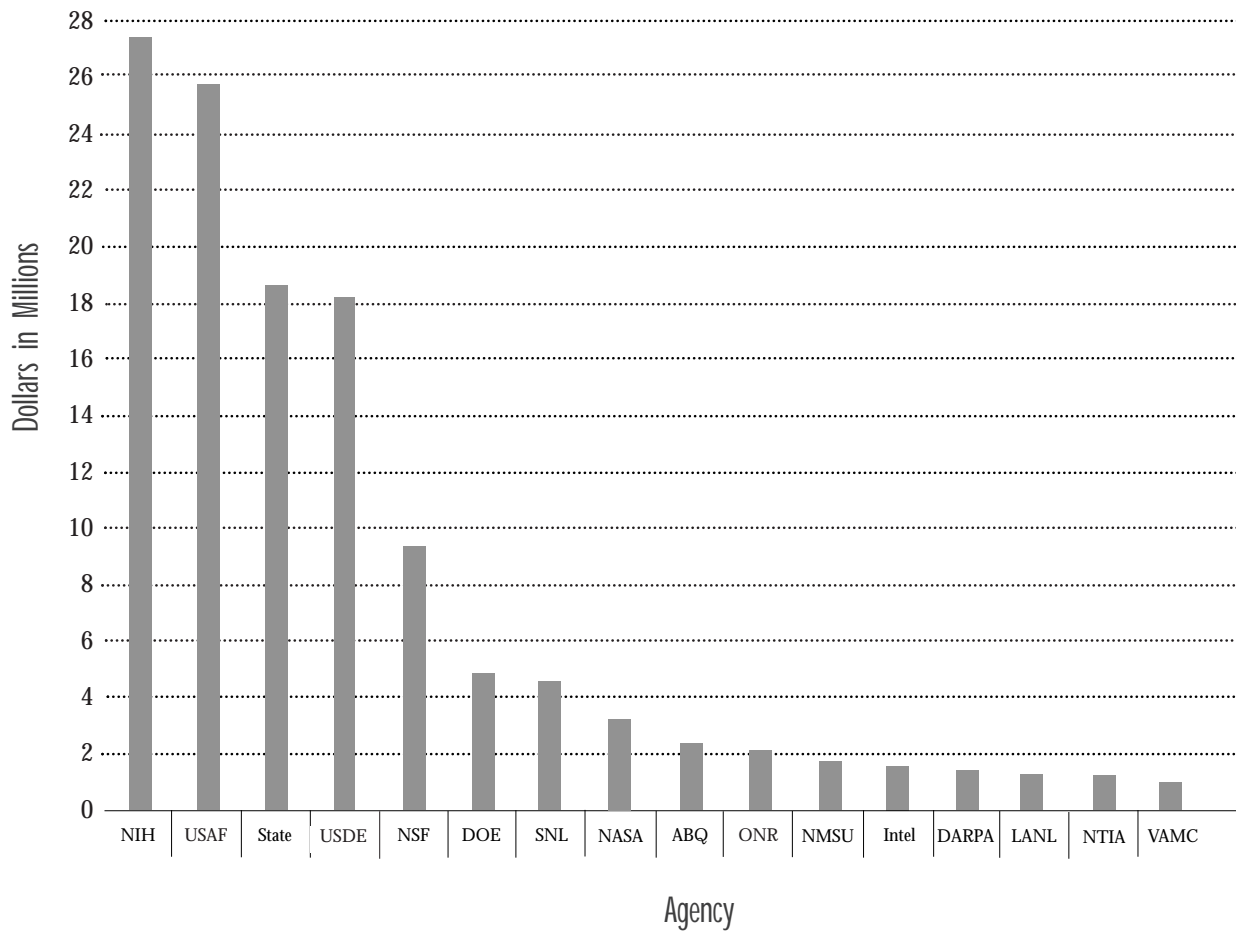
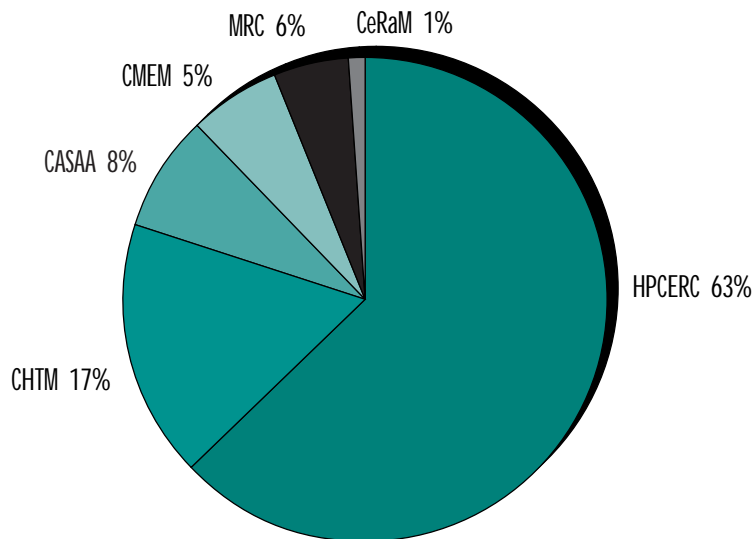
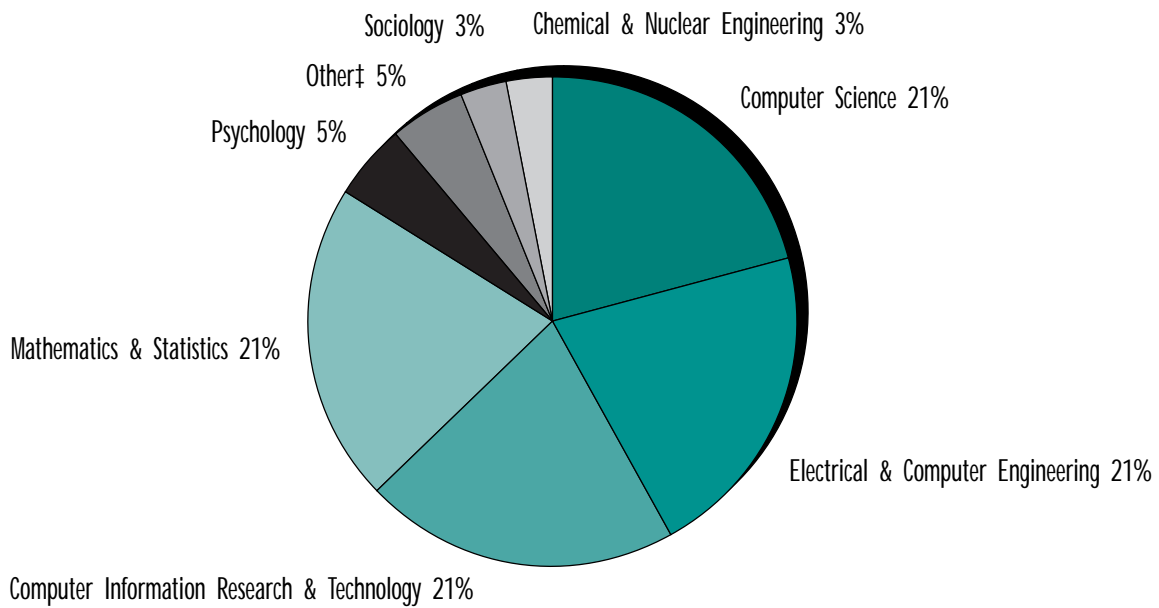


Figure 11: Contract & Grants Awards by Centers FY97*



* HPCERC = High Performance Computing Education and Research Center; CHTM = Center for High Technology Materials; CASAA = Center on Alcoholism, Substance Abuse and Addictions; CMEM = Center for Micro-Engineered Materials; MRC = Microelectronics Research Center; CeRaM = Center for Radioactive Waste Management.

Figure 12: Contract & Grants Awards for Centers by PI's Department FY97



‡ Other includes Chemistry, Communication and Journalism, Earth and Planetary Sciences, and Physics and Astronomy.

funding trends

Figure 13: Five Year Funding Trends by Source of Funds: Federal Awards FY93 - FY97

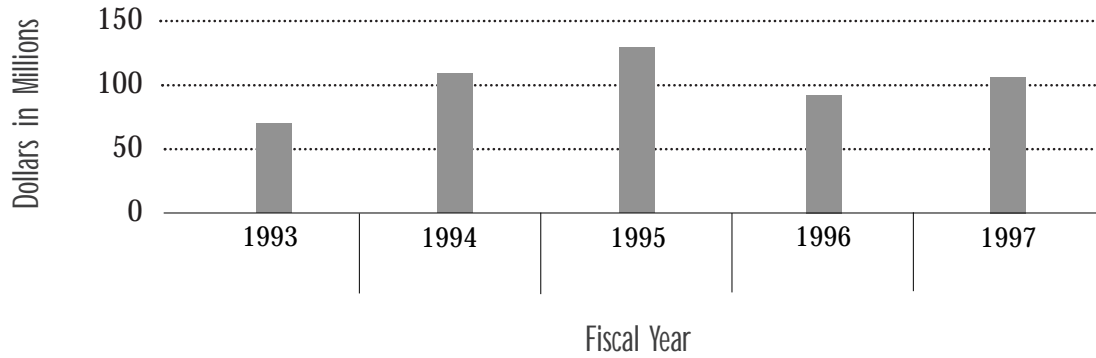


Figure 14: Five Year Funding Trends by Source of Funds: Foundation Awards FY93 - FY97

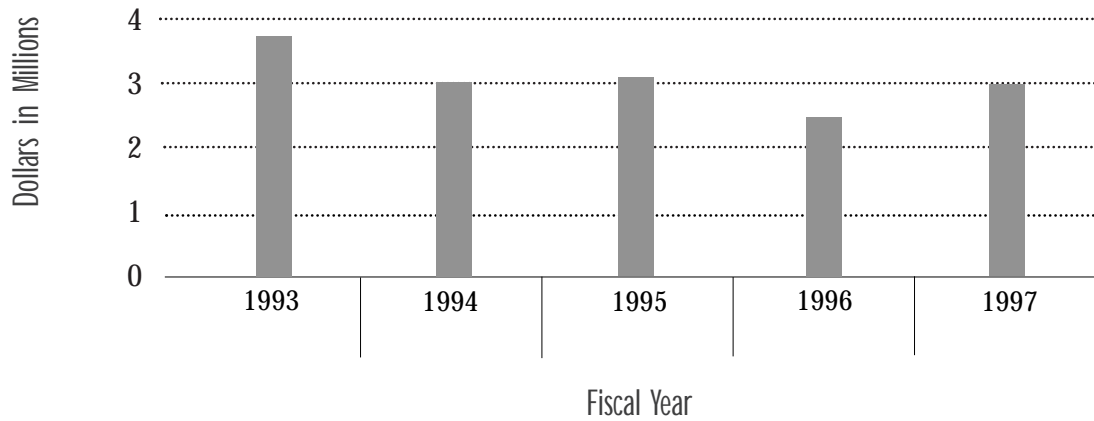


Figure 15: Five Year Funding Trends by Source of Funds: Industry Awards FY93 - FY97

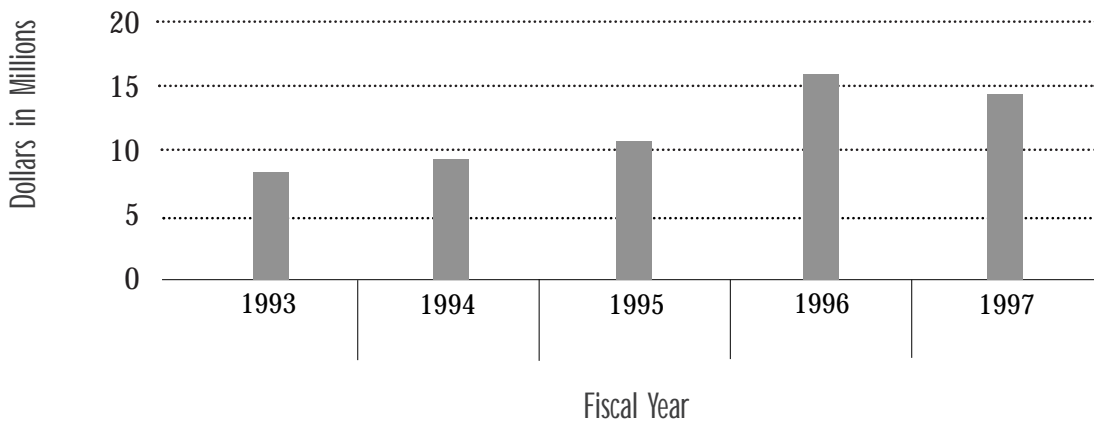


Figure 16: Five Year Funding Trends by Source of Funds: National Lab Awards FY93 - FY97

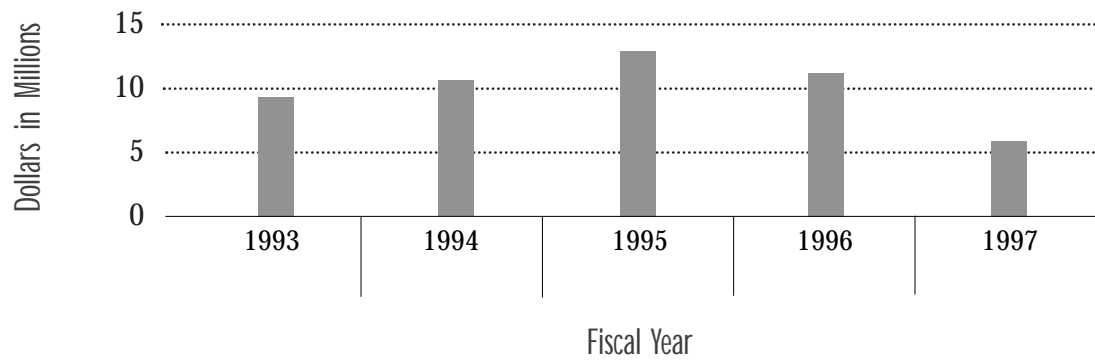


Figure 17: Five Year Funding Trends by Source of Funds: State Awards FY93 - FY97

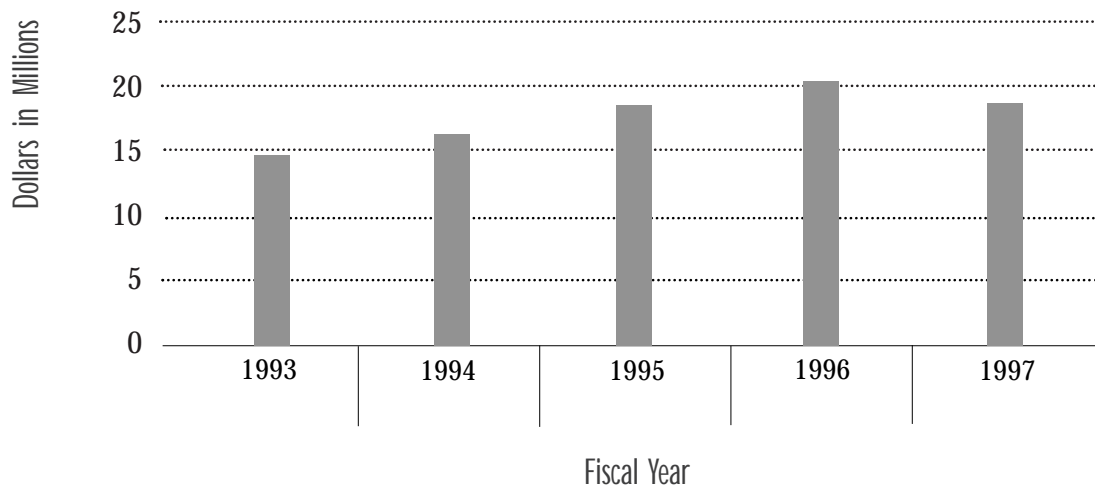
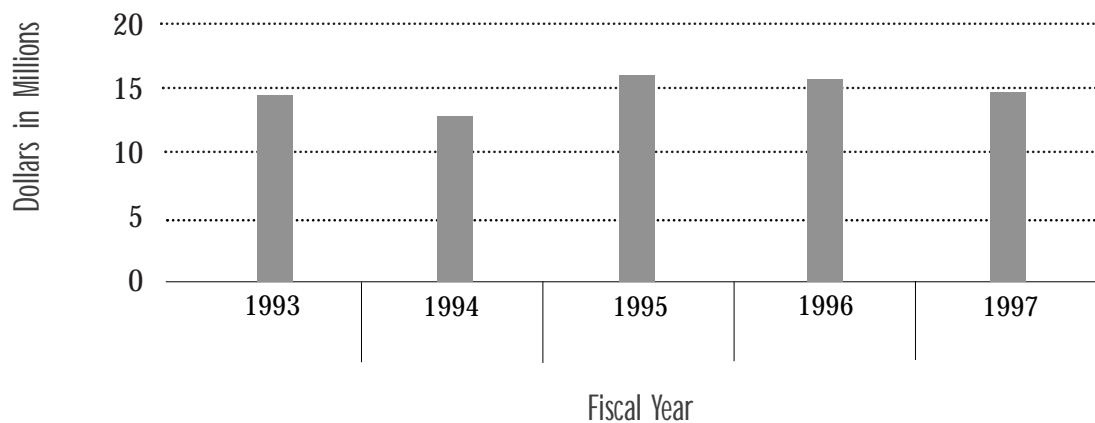


Figure 18: Five Year Funding Trends by Source of Funds: Other Awards FY93 - FY97



proposals

During FY97, 1,604 proposals were submitted by UNM faculty and staff. *Table 15* presents this information in tabular form.

Table 15: Proposals by Campus Area: School, College and Division FY97

<u>Campus Area</u>	<u>Number of Proposals</u>	<u>\$ Amount Requested</u>
<i>Main Campus</i>		
Anderson Schools of Management	6	\$809,488
College of Arts and Sciences	323	44,948,637
College of Education	88	13,928,017
College of Fine Arts	1	24,919
Division of Continuing Education	8	3,699,916
School of Architecture and Planning	9	626,540
School of Engineering	245	34,702,460
School of Law	33	1,552,956
Branches	53	6,337,687
UNM Centers	117	57,544,399
UNM Institutes	27	2,288,667
Other*	98	14,841,530
<i>Health Sciences Center</i>		
Vice President for HSC and Other**	22	4,011,428
School of Medicine	465	66,577,769
College of Nursing	10	691,930
College of Pharmacy	25	1,828,247
Cancer Research and Treatment Center‡	<u>74</u>	<u>12,229,082</u>
Sub Total Main Campus	1,008	181,301,021
Sub Total Health Sciences Center	<u>596</u>	<u>85,338,456</u>
Total	1,604	\$266,643,477

**, **, ‡ Please see "References," page 28.*

expenditures

During FY97, expenditures at UNM were \$169.7M†, of which \$97M were due to the main campus and \$72.7M 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). Expenditures in a given fiscal year are a realistic reflection of the actual C&G activity at UNM.

Table 16: UNM Contract and Grant Expenditures FY97

<u>College/School/Division</u>	<u>Expenditures</u>
<i>Main Campus</i>	
Anderson Schools of Management	\$195,522
College of Arts and Sciences	13,997,053
College of Education	8,851,739
College of Fine Arts	132,487
Division of Continuing Education	27,332
School of Architecture and Planning	98,187
School of Engineering	18,238,218
School of Law	1,104,407
<i>UNM Centers</i>	
Center on Aging	79,380
Center on Alcoholism, Substance Abuse and Addictions	2,443,156
Center for High Technology Materials	4,523,011
Center for Micro-Engineered Materials	1,498,055
Center for Radioactive Waste Management	591,456
High Performance Computing Education and Research Center	15,032,728
Microelectronics Research Center	1,205,751
Research Institute for Assistive Technologies	166,478
<i>UNM Institutes</i>	
Latin American Institute	1,024,241
Southwest Hispanic Research Institute	12,360
Systemic Initiatives in Math and Science Education	2,565,639
<i>Branch Campuses</i>	
Gallup	810,687
Los Alamos	503,856
Los Alamos Graduate Center	413,876
Taos	18,016
Valencia	602,760
Financial Aid	18,077,961
Other*	4,650,721
<i>Health Sciences Center</i>	
Vice President for HSC and Other**	2,370,861
School of Medicine	64,177,617
College of Nursing	730,633
College of Pharmacy	1,090,117
Cancer Research and Treatment Center‡	4,351,483
Sub Total Main Campus	96,971,529
Sub Total Health Sciences Center	72,720,711
Total	\$169,692,240

†, *, **, ‡ Please see "References," page 28.

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 FY97. 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 FY97

<u>College/School/Division</u>	<u>F+A</u>
<i>Main Campus</i>	
Anderson Schools of Management	\$34,923
College of Arts and Sciences	3,578,883
College of Education	363,981
College of Fine Arts	11,439
Division of Continuing Education	2,245
School of Architecture and Planning	7,126
School of Engineering	4,825,705
School of Law	107,532
<i>Branch Campuses</i>	
Gallup	9,397
Los Alamos	27,534
Los Alamos Graduate Center	142,036
Taos	2,909
Valencia	18,718
<i>UNM Centers</i>	
Center on Alcoholism, Substance Abuse and Addictions	544,018
Center for High Technology Materials	1,292,441
Center for Micro-Engineered Materials	318,914
Center for Radioactive Waste Management	226,432
High Performance Computing Education and Research Center	1,794,784
Microelectronics Research Center	437,388
Research Institute for Assistive Technologies	3,914
<i>UNM Institutes</i>	
Latin American Institute	67,187
Southwest Hispanic Research Institute	1,225
Systemic Initiatives in Math and Science Education	125,962
Other*	466,175
<i>Health Sciences Center</i>	
Vice President for HSC and Other**	69,017
School of Medicine	5,636,577
College of Nursing	81,613
College of Pharmacy	297,584
Cancer Research and Treatment Center‡	1,439,499
Sub Total Main Campus	14,431,478
Sub Total Health Sciences Center	7,524,290
Total	\$21,955,768

* , ** , ‡ Please see "References," page 28.

appendix

THE OFFICE OF RESEARCH SERVICES

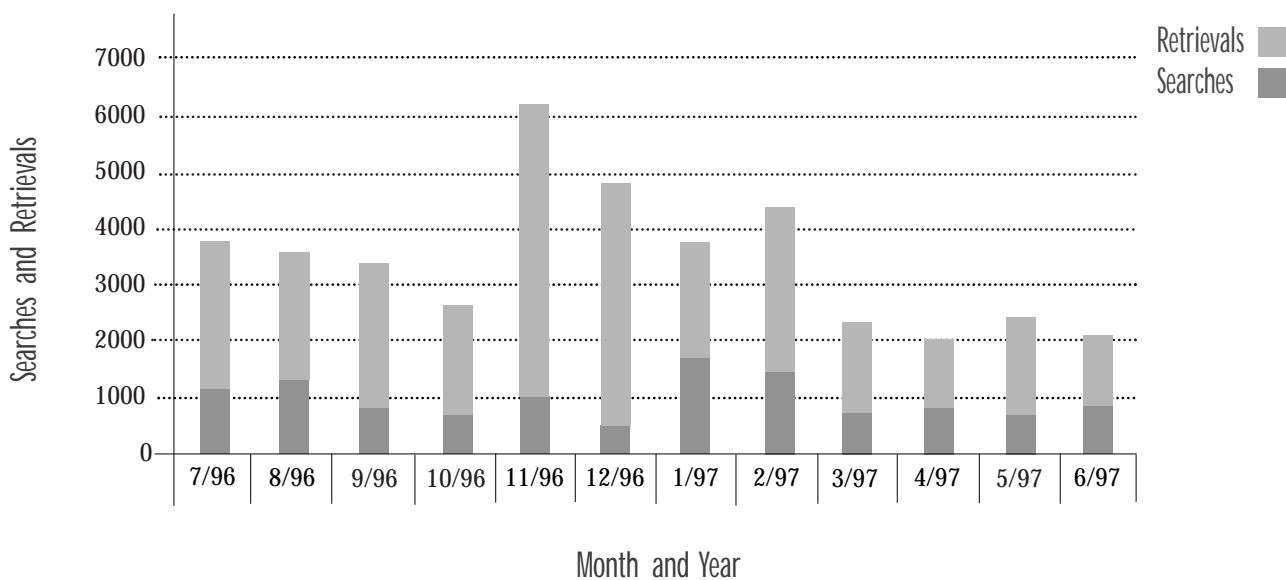
The Office of Research Services (ORS) reviews all proposals from the main campus and branch campuses prior to their submission to funding agencies. The ORS staff works closely with principal investigators to ensure an accurate proposal, with all requisite forms, budgets and certifications, as well as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

Proposals and awards for the Health Sciences Center (HSC) are handled through the Pre-Award Administration Office. The Health Sciences Center includes the School of Medicine, College of Nursing, College of Pharmacy and other programs.

ORS publishes *Research Notes* monthly. *Research Notes* informs readers of limited competitions, changes in rules and regulations and special funding opportunities. ORS 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*.

ORS maintains and develops several databases that are accessible at the ORS Web site including the *MIDAS Databases of Funding Sources* and *CORPS*, the Current Online Restricted Projects System. The UNM research community can access *MIDAS* directly to read the *NIH Guide*, *Federal Register* or *Commerce Business Daily*, or to search on any number of public and private databases to look for funding sources. Additionally, they can access *CORPS* to determine what contracts and grants are currently being funded on main campus and the branch campuses. Additional information, such as awards and statistics information, current events, limited competitions and policies and procedures, is also available at the ORS Web site (<http://www.unm.edu/~ors>).

Figure 19: MIDAS Usage FY97



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references

KEY TO SYMBOLS

† *\$169.7M*: approximately 51%, 42%, 7% attributed to research, public service and instruction respectively; see *Figure 7*.

* *Other* includes: Computer and Information Resource and Technology, Vice President for Academic Affairs, African American Studies, Associate Provost for Research, Bureau of Business and Economic Research, Division of Government Research, Division of Media Technology Services, Earth Data Analysis Center, Economic Development Communications Office, General Honors, General Library, Graduate Studies, Harwood Foundation, KNME-TV, KUNM-FM, Police Department, Special Services Program, Vice President for Student Affairs, Technical Assistance Office and University Art Museum.

** *Vice President for HSC and Other* includes: Animal Research Facility, Health Sciences Center Library, Health Sciences Ethics Program, Mental Health Center, Carrie Tingley Hospital, Children's Psychiatric Hospital, Health Sciences Associate Vice President for Clinical Affairs and Health Sciences Special Projects.

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