

6-1-1996

Awards Annual Report: Fiscal Year 1996

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The University of New Mexico



Annual Report: Fiscal Year **1996**

The University of New Mexico

awards

Annual Report: Fiscal Year **1996**

The Office of Research Services

Published by the Office of Research Services under the direction of the
Associate Provost for Research/Dean of Graduate Studies.

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Message

From the Associate Provost for Research/Dean of Graduate Studies



It is a pleasure for me to release this 1996 annual report, which summarizes the University of New Mexico's (UNM) sponsored activities for fiscal year 1996 (i.e., July 1, 1995 - June 30, 1996), FY96. The purpose of this report is to present some statistics of FY96 sponsored research, public service and instruction efforts at the main campus, branches and the Health Sciences Center (HSC).

UNM faculty have continued their commitment to excellence by seeking sponsored projects and producing scholarly and creative works. While the majority of research at UNM is faculty based, there is also an appreciable level of activity which involve non-faculty initiatives. Scholarly and creative works for the calendar year 1995 are listed in *Faculty Publications and Creative Works*, which is published annually by the

Office of Research Services.

The awards received for FY96 total \$164.3M, of which \$113.7M is attributed to the main campus and branches. These awards assist in providing resources that are necessary to improve the quality of research and teaching on our campus. They also enhance the opportunities for our students to be trained in state-of-the-art laboratories in a variety of areas. During FY96, \$6.3M was paid to 503 graduate students for research assistantships.

The UNM centers, which are designed to promote interdisciplinary research, continue to thrive. They acquired \$25.6M 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 FY96; expenditures — expenses incurred with respect to C&G awards in effect during FY96; indirect costs (IDC) — overhead funds that were generated as a result of expenditures incurred during FY96.

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 success in these arenas that enhances UNM's visibility at the national and international levels, and also helps in the economic growth of our state and the region. UNM is classified as a Research I Institution, and 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. 6). According to the National Science Foundation's figures for the top 100 universities and colleges in the nation, UNM had the largest increase based on the percentage difference between the total R&D expenditures for FY 90 and FY95. 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.

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

Table of Contents

Summary	3
Figure 1: Summary FY95 - FY96	
Statistics Summary C&G Awards FY96	5
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)	
National Rankings	6
Table 2: UNM's Rankings for Total R&D Expenditures Compared to all Universities and Colleges FY92 - FY95	
Table 3: UNM's Rankings for Total R&D Expenditures Compared to all Public Universities and Colleges FY92 - FY95	
Table 4: Total R&D Expenditures at Universities and Colleges: FY91 - FY95	
Table 5: R&D Expenditures at Public Universities and Colleges, by Sources of Funds: FY95	
Table 6: Federal Obligations for Science and Engineering Research and Development to the 100 Universities and Colleges Receiving the Largest Amounts, Ranked by Total Amount Received: FY94	
Table 7: Federal Obligations for Science and Engineering to the 100 Universities and Colleges Receiving the Largest Amounts, Ranked by Total Amount Received in FY94: FY91 -FY94	
UNM Figures	11
Figure 2: Contract and Grant Awards by Source of Funds FY96	
Figure 3: Breakdown of Federal Funds FY96	
Figure 4: Contract and Grant Awards by Unit FY96	
Figure 5: Total Contract and Grant Awards Ten Year History FY87 - FY96	
Figure 6: Contract and Grant Expenditures by Unit FY96	
Figure 7: Total Contract and Grant Expenditures Ten Year History FY87 - FY96	
Figure 8: Proposals by Unit FY96	
Figure 9: Indirect Costs Generated by Unit FY96	
Awards	15
Table 8: Awards Dollars FY87 - FY96	
Table 9: Award Dollars by Sources of Funds FY95 - FY96	
Table 10: Award Dollars by Campus Area FY95 - FY96	
Table 11: Award Dollars by Sources of Funds: Funds Distribution FY96	
Table 12: Awards by Campus Area FY96	
Table 13: Funding Agencies Providing More Than \$1M in Support FY96	
Figure 10: Agencies Providing More Than \$1M FY96	
Figure 11: Contract and Grant Awards by Centers FY96	
Figure 12: Contract and Grant Awards for Centers by PI's Department FY96	
Proposals	20
Table 14: Proposals by Campus Area: School, College and Division FY96	
Expenditures	21
Table 15: UNM Contract and Grant Expenditures FY96	

Indirect Costs

23

Table 16: IDC Generated FY96

Appendix

22

Figure 13: MIDAS Usage FY96

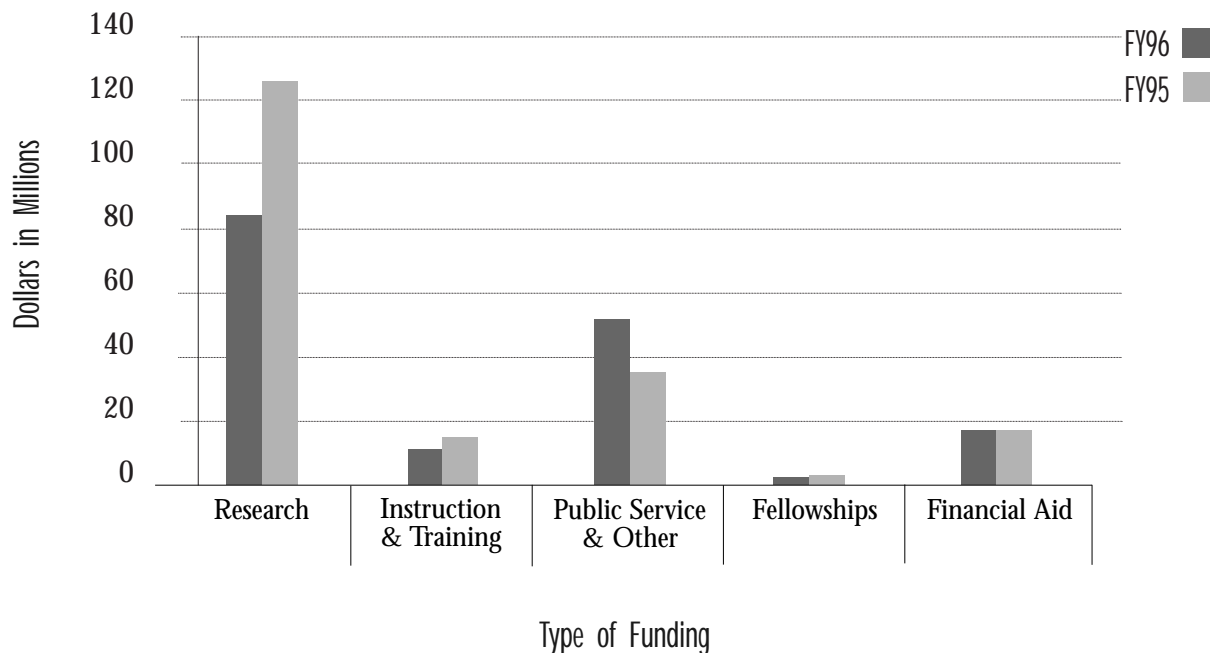
Summary

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 FY96 (July 1, 1995 - June 30, 1996) awards, by category is as follows:

	FY96	FY95
Research	\$85,610,099	\$127,889,421
Instruction & Training	11,880,880	15,068,926
Public Service & Other	48,368,890	35,155,954
Fellowships	939,205	1,584,543
Financial Aid	<u>17,524,417</u>	<u>17,244,597</u>
Total	\$164,323,491	\$196,943,441

The decrease in funds from FY95 to FY96 was mainly due to three large main campus projects that were awarded in FY95. These projects were as follows: equipment for the Maui High Performance Computing Center (Associated with the UNM center High Performance Computing, Education and Research Center) - \$14M; construction funds for the Manufacturing Engineering Technology Building (associated with the Manufacturing Engineering Program, School of Engineering) - \$5.5M; and the LodeStar Project (associated with the Department of Physics and Astronomy) - \$15.8M. However, the Health Sciences Center experienced an increase of 12% in its C&G awards relative to FY95 for a total of \$50.7M for FY96 compared to \$45.2M for FY95.

Figure 1: Summary FY95 - FY96



Summary

The FY96 total for external sponsored support to the University of New Mexico is \$164.3M. As in the past, the federal government remains the primary source of UNM sponsored projects and represents 58.8% of sponsored support at UNM. State funding represents 12.5% of sponsored support, a 12% increase from FY95. Funding from the national laboratories represents 6.9% of total sponsored support. Foundation support contributes to 1.6% of sponsored funds. Industry accounted for 10.2% of total sponsored support, a 57% increase from FY95. Other support, which includes funds from universities, nonprofit organizations, local schools and foreign entities accounted for 10% of sponsored support.

The largest federal sponsor was the Department of Health and Human Services, followed by the Department of Education and US 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 on FY96 is 1,283. In FY96 a total of 526 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 School of Engineering, followed by the College of Arts and Sciences. Other significant support was distributed among the remaining colleges and schools, institutes, centers and programs.

Tables 1a through 1d 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 FY96

Table 1a

<u>Total C&G Awards (UNM)</u>	<u>Percentage of Total C&G Awards</u> [Total:\$164.3M]
Total C&G Awards: Main Campus	\$113.7M (69.2%)
Total C&G Awards: HSC	\$50.7M (30.8%)

Table 1b

<u>Source of C&G Awards (UNM)</u>	<u>Percentage of Total C&G Awards</u> [Total: \$164.3M]
Foundations	1.6 %
Federal	58.8%
Industry	10.2%
National Laboratories	6.9%
State of New Mexico	12.5%
Other	10.0%

Table 1c

<u>Source of C&G Awards (Main Campus)</u>	<u>Percentage of Total C&G Awards</u> [Total: \$113.7M]
Foundations	1.0%
Federal	63.5%
Industry	5.6%
National Laboratories	9.4%
State of New Mexico	10.7%
Other	9.8%

Table 1d

<u>Source of C&G Awards (HSC)</u>	<u>Percentage of Total C&G Awards</u> [Total: \$50.7M]
Foundations	3.0%
Federal	48.1%
Industry	20.3%
National Laboratories	1.6%
State of New Mexico	16.4%
Other	10.7%

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 2 and 3*, below, show UNM's ranking since FY92.

Tables 4 through 7 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 9*.

Table 2: UNM's Ranking for Total R&D Expenditures Compared to all Universities and Colleges: FY92 - FY95

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

Table 3: UNM's Ranking for Total R&D Expenditures Compared to all Public Universities and Colleges: FY92 - FY95

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

Table 4: Total R&D Expenditures at Universities and Colleges: FY91 - FY95 [Dollars in Thousands]*

Institution/Ranking	1995	1994	1993	1992	1991
Total, All Institutions	22,101,220	21,039,055	19,948,068	18,816,026	17,583,516
51 Case Western Reserve U	141,089	133,272	124,691	118,391	104,199
52 U of Connecticut	139,956	136,740	133,054	124,010	123,794
53 California Inst of Tech ²	138,016	127,946	115,439	111,733	115,526
54 University of Virginia	136,679	129,504	115,786	110,103	96,733
55 University of New Mexico	129,354	90,315	76,736	72,863	67,344
56 University of Miami	128,736	121,475	120,875	104,165	96,979
57 University of Chicago ²	126,261	121,902	111,877	118,123	113,289
58 Carnegie Mellon U ²	125,659	122,580	118,261	110,571	103,030
59 U TX SW Med Ctr Dallas	125,301	118,398	114,258	102,263	94,511
60 Oregon State University	<u>123,402</u>	<u>119,772</u>	<u>114,004</u>	<u>107,573</u>	<u>96,199</u>
Total 1st 60 Institutions	13,858,157	13,259,546	12,588,149	11,972,620	11,280,835
61 U of Missouri Columbia	122,870	121,256	106,193	97,242	96,748
62 SUNY Stony Brook	122,611	113,251	107,817	98,906	90,790
63 U TX MD Anderson Cntr	122,181	122,357	127,475	112,121	108,988
64 Colorado State University	122,172	112,457	115,385	107,339	80,474
65 University of IL Chicago	119,381	113,741	106,952	102,267	90,520
66 University of Kentucky	111,934	105,539	102,911	92,244	81,137
67 Vanderbilt University	111,224	110,105	96,181	95,447	80,759
68 U CA Irvine	109,908	104,778	100,631	89,275	82,523
69 U of MD Baltimore	107,874	110,866	111,772	100,312	100,163
70 U of Nebraska Lincoln	<u>107,721</u>	<u>102,746</u>	<u>94,959</u>	<u>91,427</u>	<u>87,529</u>
Total 1st 70 Institutions	15,016,033	14,376,642	13,658,425	12,959,200	12,180,466

Source: National Science Foundation/SRS, Survey of Scientific and Engineering Expenditures at Universities and Colleges, Fiscal Year 1995.

* 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 5: R&D Expenditures at Public Universities and Colleges, by Source of Funds: FY95. [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	14,906,968	8,092,716	1,481,930	1,006,008	3,379,054	947,261
31 U of Tennessee System	151,316	76,294	26,563	11,077	27,567	9,815
32 VA Polytech Inst & St U	148,501	79,074	33,187	11,500	21,460	3,280
33 Indiana University	145,512	85,226	2,244	5,815	32,377	19,850
34 SUNY Buffalo	143,768	75,713	12,051	13,390	15,580	27,034
35 University of Connecticut	139,956	50,096	14,828	6,640	60,898	7,494
36 University of Virginia	136,679	85,244	5,471	15,442	14,210	16,312
37 University of New Mexico	129,354	90,897	3,976	3,087	26,208	5,186
38 U TX SW Med Ctr Dallas	125,301	78,892	908	14,986	5,623	24,892
39 Oregon State University	123,402	68,687	27,895	3,424	13,951	9,445
40 U of Missouri Columbia	<u>122,870</u>	<u>32,420</u>	<u>15,018</u>	<u>10,114</u>	<u>58,047</u>	<u>7,271</u>
Total 1st 40 Institutions	9,003,777	5,049,908	893,220	605,716	1,868,961	585,972
41 SUNY Stony Brook	122,611	76,505	2,668	5,850	31,047	6,541
42 U TX MD Anderson Cncr	122,181	44,711	0	0	49,911	27,559
43 Colorado State University	122,172	75,216	17,203	5,736	21,850	2,167
44 University of IL Chicago	119,381	57,528	2,997	6,174	41,091	11,591
45 University of Kentucky	111,934	50,014	9,414	12,011	35,621	4,874
46 U CA Irvine	109,908	69,655	3,742	9,139	15,217	12,155
47 U of MD Baltimore	107,874	59,596	14,900	17,797	6,268	9,313
48 U of Nebraska Lincoln	107,721	36,897	34,282	3,145	32,760	637
49 Wayne State University	106,140	46,246	9,199	7,973	31,750	10,972
50 University of Utah	<u>105,642</u>	<u>83,554</u>	<u>335</u>	<u>4,319</u>	<u>10,956</u>	<u>6,478</u>
Total 1st 50 Institutions	10,139,341	5,649,830	987,960	677,860	2,145,432	678,259

Source: National Science Foundation/SRS, Survey of Scientific and Engineering Expenditures at Universities and Colleges, Fiscal Year 1995.

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

Table 6: Federal Obligations for Science and Engineering Research and Development to the 100 Universities and Colleges Receiving the Largest Amounts, Ranked by Total Amount Received: FY94 [Dollars in Thousands]*

<u>Institution/Ranking</u>	<u>\$ Amount</u>
61 U CA Santa Barbara	60,008
62 Texas A&M University	59,688
63 University of New Mexico	58,306
64 Colorado State University	56,550
65 Oregon State University	53,854
66 CUNY Mt Sinai School of Medicine	53,533
67 University of Cincinnati	52,371
68 U Med & Dent of NJ	52,020
69 Wake Forest University	51,789
70 Georgia Institute of Technology	<u>51,372</u>
Total 1st 70 institutions	8,529,928

Source: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1994.

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

Table 7: Federal Obligations for Science and Engineering to the 100 Universities and Colleges Receiving the Largest Amounts, Ranked by Total Amount Received in FY94: FY91 - 94 [Dollars in Thousands]*

<u>Institution/Ranking</u>	<u>1990</u>	<u>1991</u>	<u>1992</u>	<u>1993</u>	<u>1994</u>
Total, All Institutions	10,445,417	11,835,176	12,748,584	12,730,761	13,739,271
51 Louisiana State U	59,592	66,521	60,933	81,596	80,457
52 Emory University	51,169	61,596	68,164	67,482	78,294
53 U Texas SW Med Ctr Dallas	54,616	59,837	63,950	65,314	77,368
54 Yeshiva University NY	72,469	77,415	77,808	67,942	76,114
55 University of New Mexico	23,327	37,680	43,387	60,999	74,407
56 NC State U Raleigh	58,929	63,505	77,955	71,590	72,875
57 Iowa State University	45,737	52,611	51,250	56,984	71,813
58 Carnegie Mellon U	52,344	55,474	67,580	78,287	70,030
59 U CA Irvine	57,166	55,090	66,369	64,050	69,520
60 Woods Hole Oceanographic	<u>53,690</u>	<u>54,118</u>	<u>75,329</u>	<u>66,821</u>	<u>68,281</u>
Total 1st 60 Institutions	6,977,531	7,773,981	8,427,352	8,375,126	9,023,439
61 Oregon State University	50,803	61,191	62,960	65,003	67,854
62 Princeton University	55,366	58,149	62,373	65,389	67,326
63 Colorado State University	47,205	51,700	59,217	53,949	66,980
64 University of Georgia	53,809	58,205	62,607	68,180	66,858
65 SUNY at Stony Brook	50,890	54,173	61,976	62,504	66,489
66 University of Kentucky	45,674	49,383	57,734	60,649	65,372
67 U CA Santa Barbara	45,373	48,427	51,433	54,855	64,875
68 U MD Baltimore	42,798	51,061	54,644	52,466	64,373
69 U IL Chicago	45,412	50,547	50,882	58,450	64,197
70 Georgetown University	<u>31,928</u>	<u>40,996</u>	<u>39,328</u>	<u>58,418</u>	<u>62,519</u>
Total 1st 70 Institutions	7,446,789	8,297,813	8,990,506	8,974,989	9,680,282

Source: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1994.

UNM Figures

Figure 2: Contract and Grant Awards by Source of Funds FY96

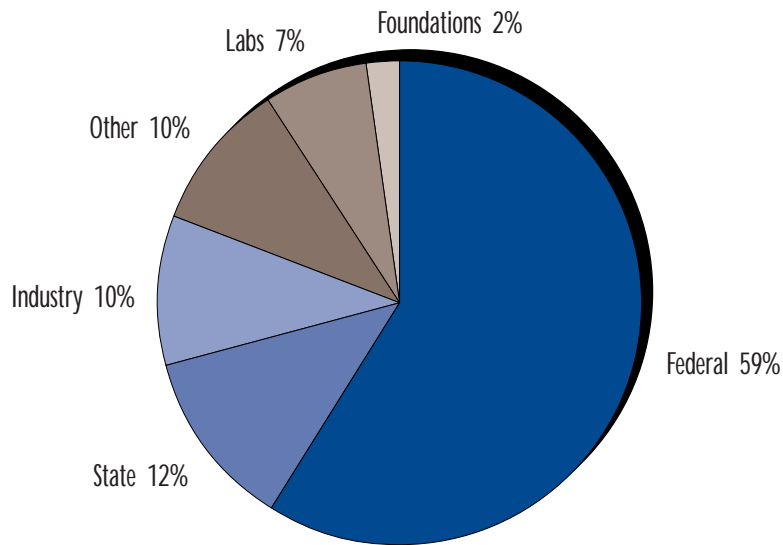


Figure 3: Breakdown of Federal Funds FY96

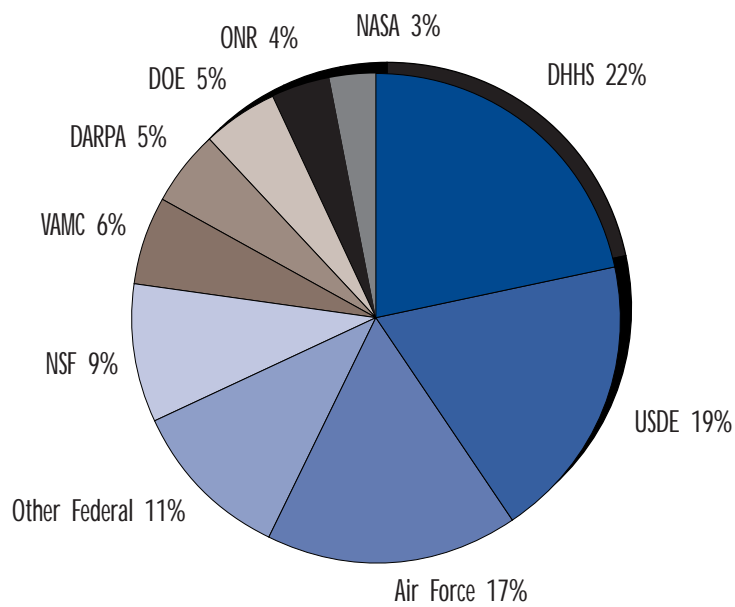


Figure 4: Contract and Grant Awards by Unit FY96

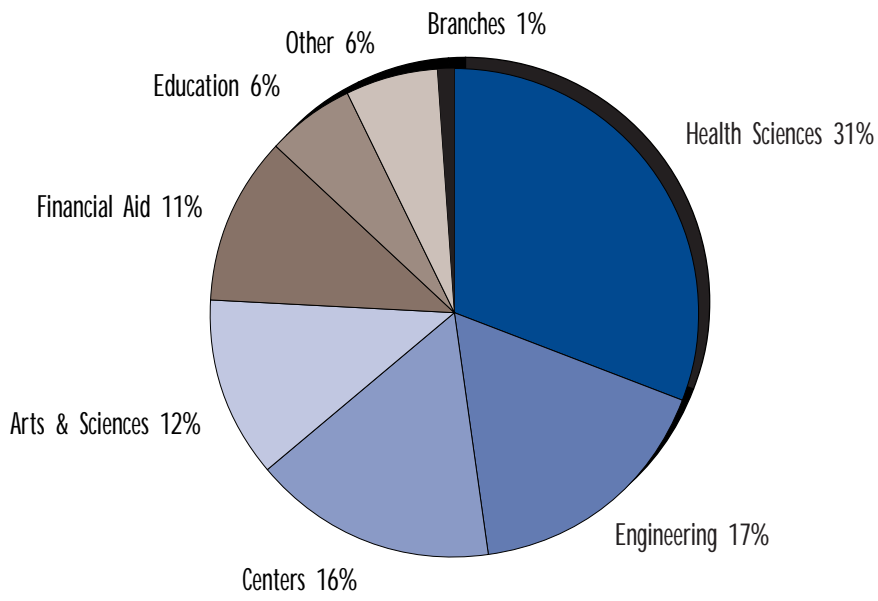


Figure 5: Total Contract and Grant Awards Ten Year History FY87 - FY96

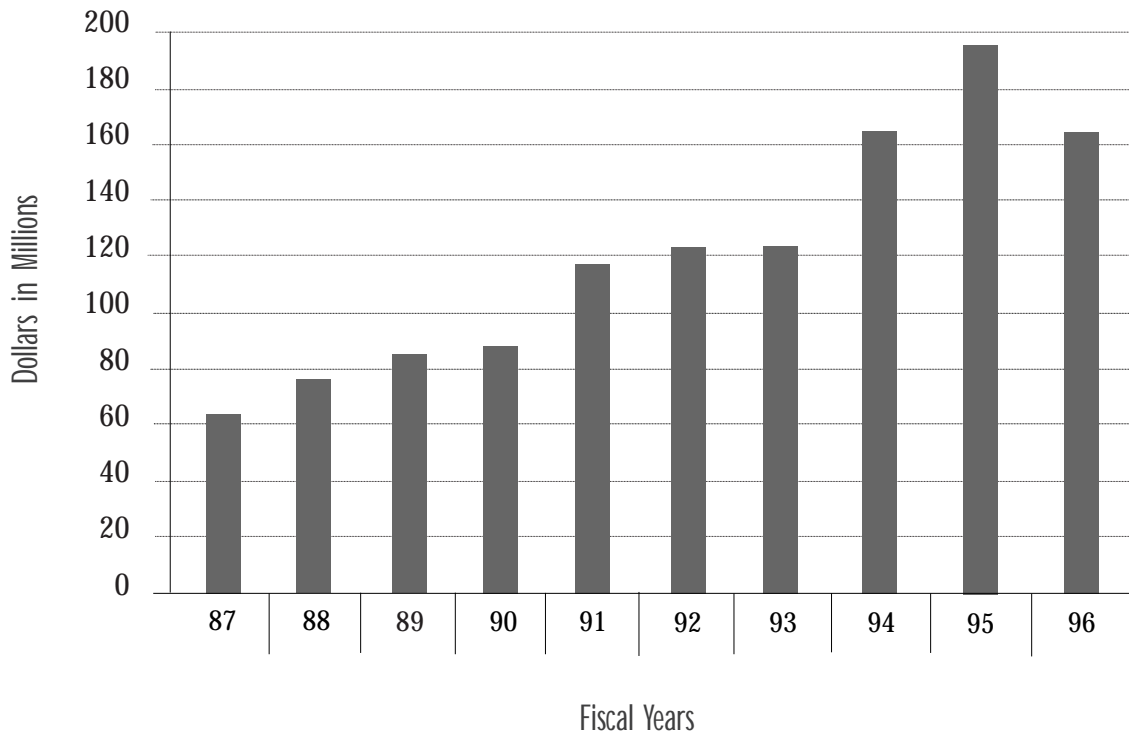


Figure 6: Contract and Grant Expenditures by Unit FY96

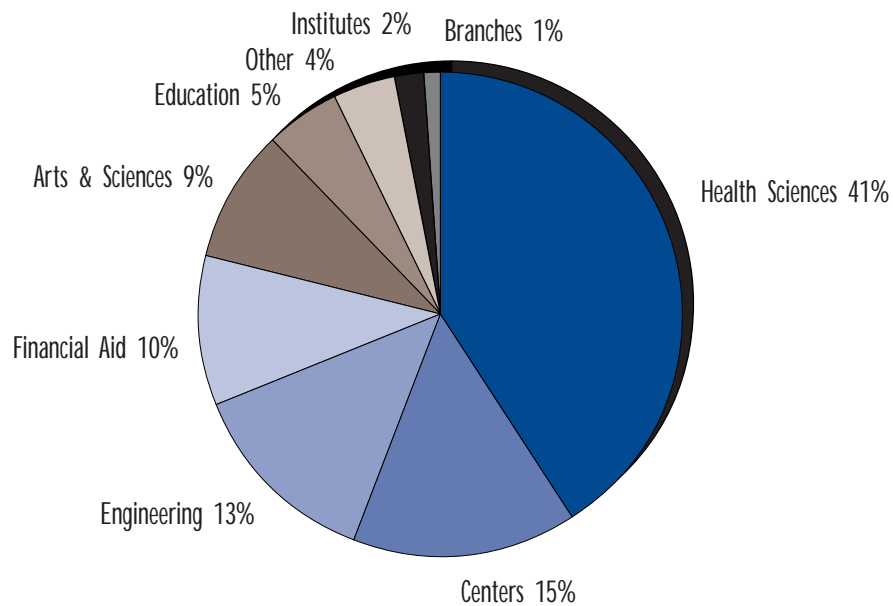
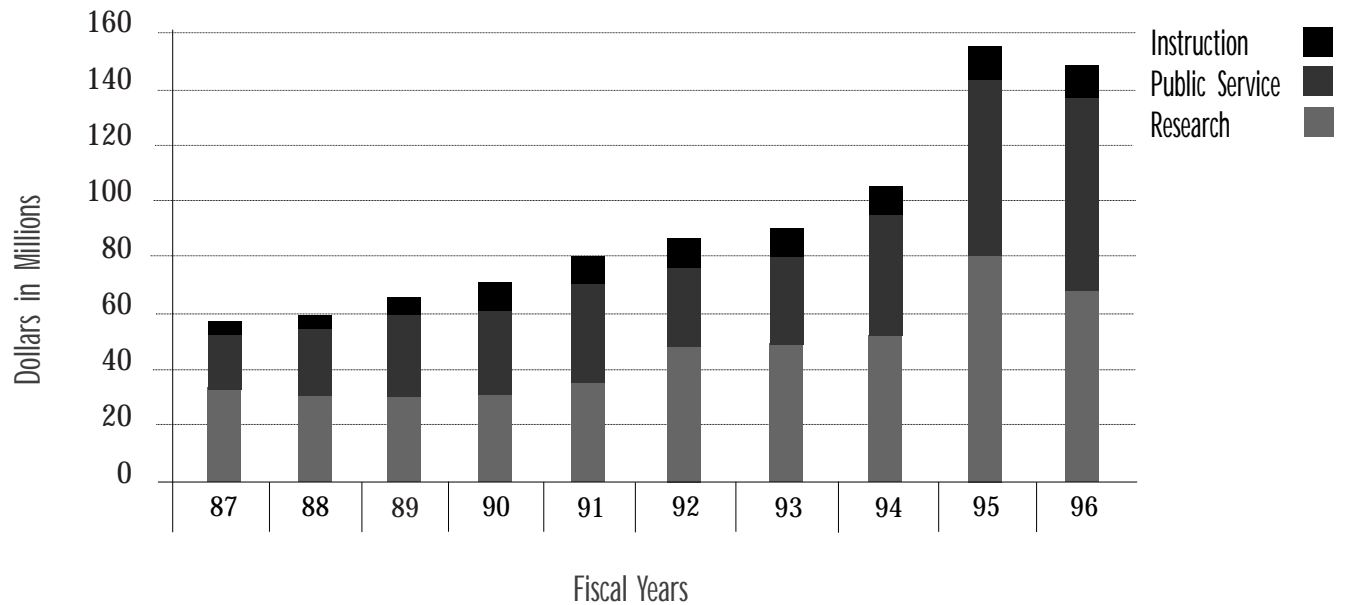


Figure 7: Total Contract and Grant Expenditures Ten Year History FY87 - FY96



Note: Financial aid, endowments, fellowships and indirect costs are not included in this graph.

Figure 8: Proposals by Unit FY96

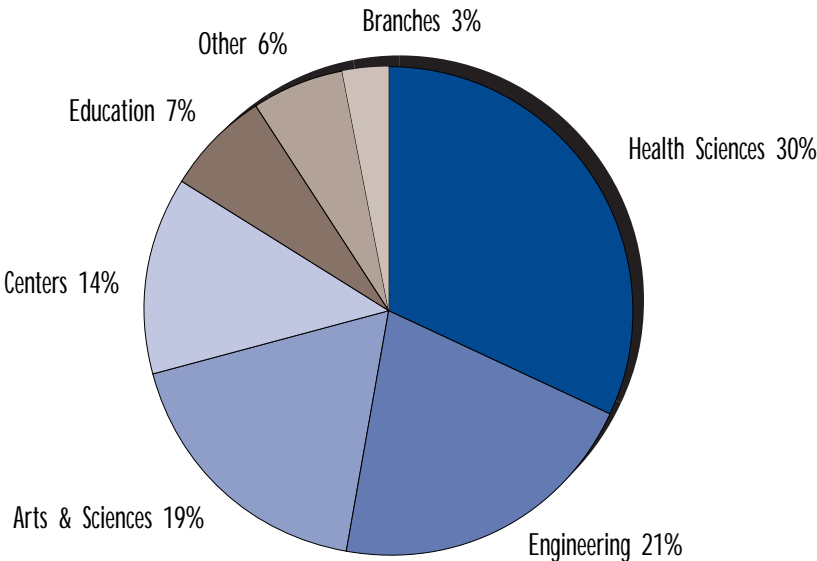
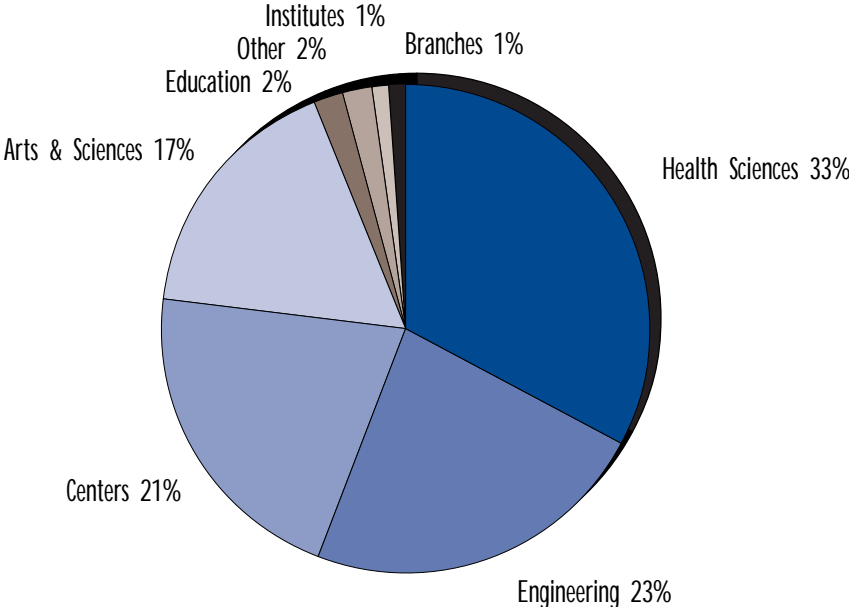


Figure 9: Indirect Costs Generated by Unit FY96



Awards

External sponsored support at the University of New Mexico has increased 160% over a ten-year period. In FY96 UNM received \$164.3M for 1,283 awards. The Health Sciences Center had the largest percentage of contract and grant awards, 31%, for a total \$50.7M. The School of Engineering accounted for 17% of the awards, for a total of \$27.4M, followed by the College of Arts and Sciences with 12% of the awards, for a total of \$19.9M. *Table 8* reflects the number of contract and grants awarded from FY87 through FY96. *Tables 9* through *13* 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 8: Award Dollars FY87 - FY96

<u>Year</u>	<u>Main</u>	<u>HSC</u>	<u>Total</u>
1987	\$44,747,081	\$18,868,284	\$63,615,365
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

Table 9: Award Dollars by Source of Funds FY95 - FY96

<u>Source</u>	<u>FY96</u>	<u>FY95</u>	<u>% Change</u>
Federal Agencies	\$96,599,216	\$135,301,398	-29%
State of New Mexico	20,502,731	17,306,157	+18%
National Laboratories	11,442,525	13,442,163	-15%
Industry	16,751,416	10,577,697	+58%
Foundations	2,576,986	2,861,668	-10%
Other	<u>16,450,617</u>	<u>17,454,358</u>	<u>-6%</u>
Total	\$164,323,491	\$196,943,441	-17%

Table 10: Award Dollars by Campus Area FY95 - FY96

<u>Campus Areas</u>	<u>FY96</u>	<u>FY95</u>
<i>Main Campus</i>		
Anderson Schools of Management	\$99,995	\$242,053
College of Arts and Sciences	19,917,113	34,835,279
College of Education	10,699,362	9,039,784
College of Fine Arts	218,402	177,178
Division of Continuing Education	238,359	333,562
School of Architecture and Planning	150,377	470,369
School of Engineering	27,433,618	36,368,367
School of Law	1,847,718	1,514,382
School of Public Administration	62,882	222,248
Financial Aid	17,524,417	17,244,597
Branches	1,986,757	2,521,874
UNM Centers	25,590,444	42,120,379
UNM Institutes	3,156,943	1,340,363
Other	<u>4,735,363</u>	<u>5,274,980</u>
<i>Health Sciences Center</i>		
Vice President for HSC and Other*	2,266,738	248,415
School of Medicine	46,670,806	42,426,413
College of Nursing	519,392	991,448
College of Pharmacy	<u>1,204,805</u>	<u>1,571,750</u>
Sub Total Main Campus	113,661,750	151,705,415
Sub Total Health Sciences Center	<u>50,661,741</u>	<u>45,238,026</u>
Total	\$164,323,491	\$196,943,441

* *Other* includes: Health Sciences Center Library, Health Sciences Ethics Program, Mental Health Center, Carrie Tingley Hospital and Children's Psychiatric Hospital.

Table 11: Award Dollars by Source of Funds: Funds Distribution FY96

<u>Source</u>	<u>Fin. Aid</u>	<u>Main</u>	<u>HSC</u>	<u>Total</u>	<u>%</u>
Federal Agencies	\$13,825,992	\$58,400,396	\$24,372,826	\$96,599,216	59%
State of New Mexico	3,698,425	8,455,961	8,348,345	20,502,731	12%
National Laboratories		10,666,220	776,305	11,442,525	10%
Industry		6,423,319	10,328,097	16,751,416	7%
Foundations		1,094,403	1,482,583	2,576,986	2%
Other		<u>11,097,032</u>	<u>5,353,585</u>	<u>16,450,617</u>	<u>10%</u>
Total	\$17,524,417	\$96,137,331	\$50,661,741	\$164,323,491	100%

Table 12: Awards by Campus Area FY96

<u>Campus Area</u>	<u># of Awards</u>	<u>\$ Amount</u>
<i>Main Campus</i>		
Anderson Schools of Management	4	\$99,995
College of Arts and Sciences	286	19,917,113
College of Education	78	10,699,362
College of Fine Arts	7	218,402
Division of Continuing Education	6	238,359
School of Architecture and Planning	7	150,377
School of Engineering	230	27,433,618
School of Law	28	1,847,718
School of Public Administration	2	62,882
Financial Aid	5	17,524,417
Branches	31	1,986,757
UNM Centers	127	25,590,444
UNM Institutes	15	3,156,943
Other	<u>52</u>	<u>4,735,363</u>
<i>Health Sciences Center</i>		
Vice President for HSC and Other*	16	2,266,738
School of Medicine	367	46,670,806
College of Nursing	6	519,392
College of Pharmacy	<u>16</u>	<u>1,204,805</u>
Sub Total Main Campus	878	113,661,750
Sub Total Health Sciences Center	<u>405</u>	<u>50,661,741</u>
Grand Total	1,283	\$164,323,491

* *Other* includes: Health Sciences Center Library, Health Sciences Ethics Program, Mental Health Center, Carrie Tingley Hospital and Children's Psychiatric Hospital.

Table 13: Funding Agencies Providing More Than \$1M in Support FY96

Agency	# Awards	\$ Amount
Department of Health and Human Services	115	\$21,054,751
State of New Mexico	198	20,453,432
U.S. Department of Education	24	18,343,700
U.S. Air Force	63	16,253,095
National Science Foundation	86	8,774,071
Sandia National Laboratories	122	7,602,274
Veterans Administration Medical Center	9	5,482,649
Defense Advanced Research Projects Agency	4	4,827,701
Department of Energy	14	4,790,290
Albuquerque Public Schools	8	3,518,438
Office of Naval Research	7	3,482,418
Berlex Laboratories	2	3,369,658
National Aeronautics and Space Administration	11	2,993,525
City of Albuquerque	31	2,947,232
Los Alamos National Laboratory	24	2,512,427
Mid America Pipeline	1	2,291,270
Defense Nuclear Agency	2	1,601,156
New Mexico State University	26	1,332,088

Figure 10: Agencies Providing More Than \$1M FY96

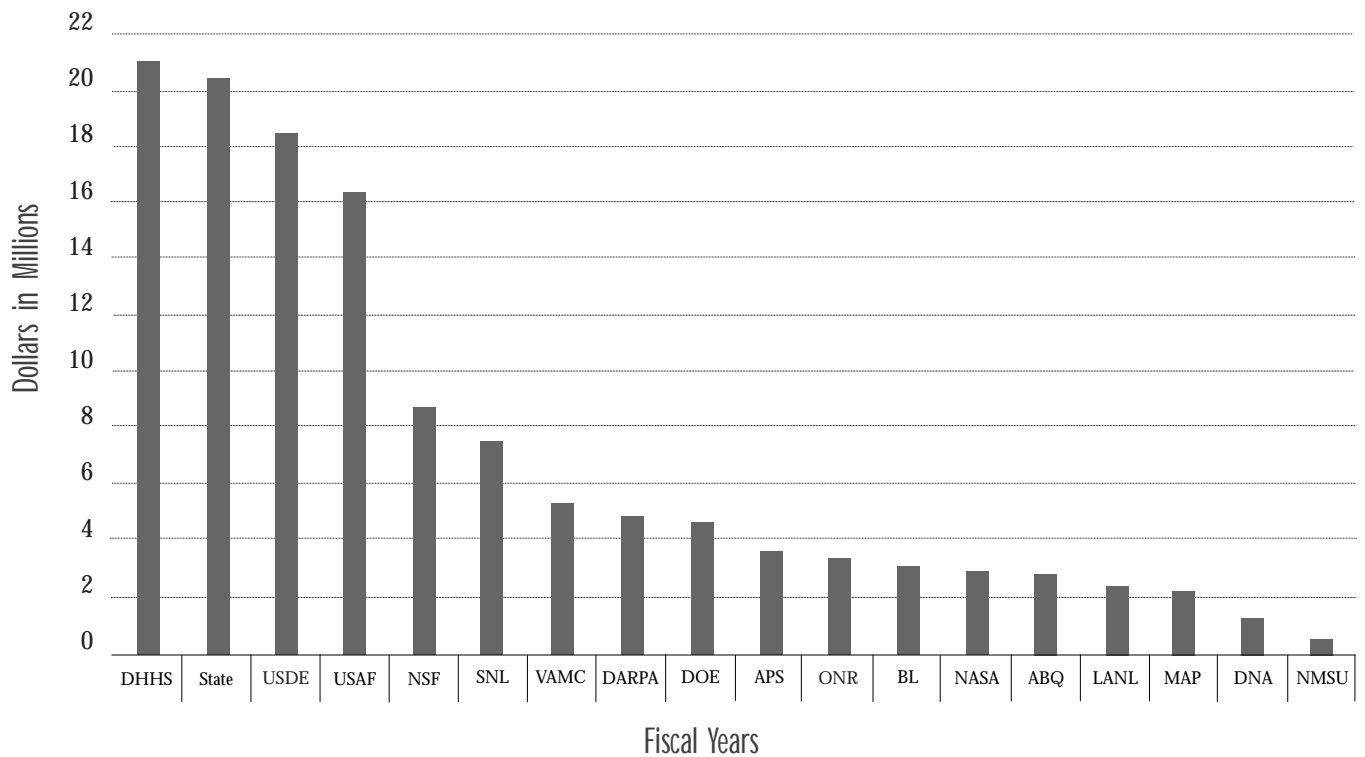


Figure 11: Contract & Grants Awards by Centers FY96

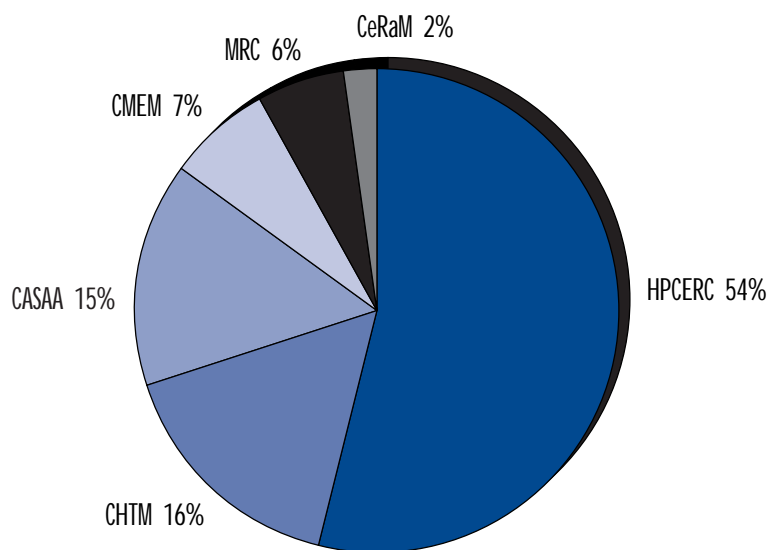
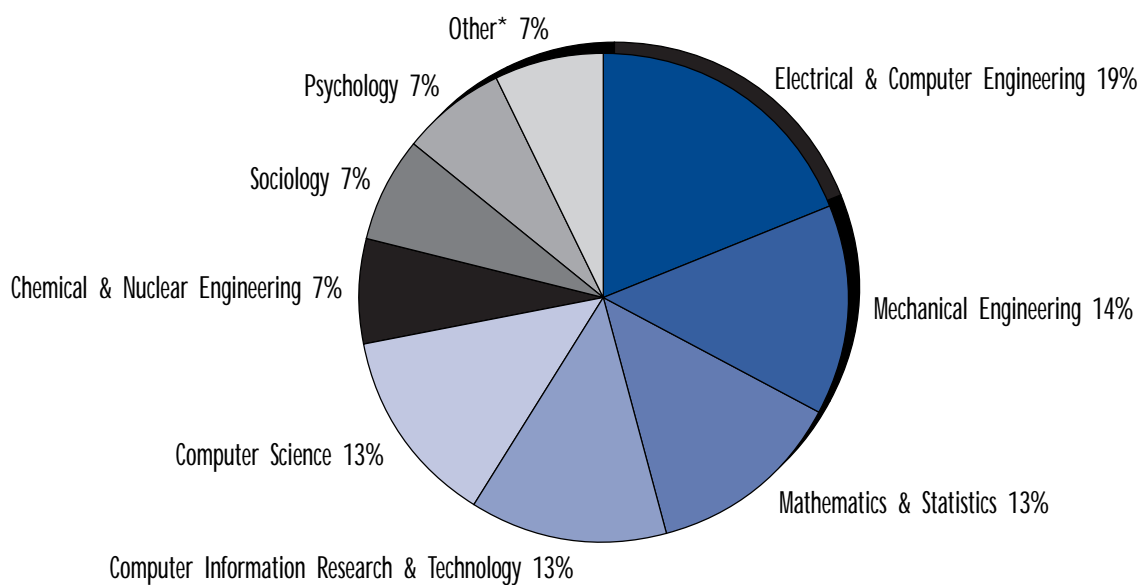


Figure 12: Contract & Grant Awards for Centers by PI's Department FY96



* *Other* includes: Biology, Chemistry, Civil Engineering, Physics and Astronomy and Psychiatry.

Proposals

During FY96 1,567 proposals were submitted by UNM faculty and staff. Proposal submissions include new requests as well as requests for continuations and renewals. *Table 14* presents this information in tabular form.

Table 14: Proposals by Campus Area: School, College and Division FY96

<u>Campus Area</u>	<u>Number of Proposals</u>	<u>\$ Amount Requested</u>
<i>Main Campus</i>		
Anderson Schools of Management	1	\$25,000
College of Arts and Sciences	343	45,186,061
College of Education	93	16,606,928
College of Fine Arts	11	327,132
Division of Continuing Education	7	1,394,958
School of Architecture and Planning	14	2,717,762
School of Engineering	254	51,514,294
School of Law	29	2,101,974
School of Public Administration	3	171,174
Branches	37	6,811,347
UNM Centers	108	32,897,434
UNM Institutes	27	3,577,152
Other	77	9,813,672
<i>Health Sciences Center</i>		
Vice President for HSC and Other*	17	3,256,121
School of Medicine	509	65,466,541
College of Nursing	17	2,238,243
College of Pharmacy	<u>20</u>	<u>1,729,618</u>
Sub Total Main Campus	1,004	173,144,888
Sub Total Health Sciences Center	<u>563</u>	<u>72,690,523</u>
Total	1,567	\$245,835,411

* *Other* includes: Health Sciences Center Library, Health Sciences Ethics Program, Mental Health Center, Carrie Tingley Hospital and Children's Psychiatric Hospital.

Expenditures

During FY96, expenditures at UNM were \$169.6M†, of which \$99.6M were due to the main campus and \$70M were due to HSC. This number represents expenses actually incurred for items such as salaries, fringe benefits, materials, services, equipment and travel (excluding indirect costs). Expenditures in a given fiscal year are a realistic reflection of the actual C&G activity at UNM.

Table 15: UNM Contract and Grant Expenditures FY96

<u>College/School/Division</u>	<u>Expenditures</u>
<i>Main Campus</i>	
Anderson Schools of Management	\$121,686
College of Arts and Sciences	14,564,256
College of Education	8,977,075
College of Fine Arts	154,636
Division of Continuing Education	198,726
School of Architecture and Planning	233,679
School of Engineering	21,165,446
School of Law	1,610,623
School of Public Administration	127,937
<i>UNM Centers</i>	
Center on Aging	252,835
Center on Alcoholism, Substance Abuse and Addictions	2,446,252
Center for High Technology Materials	5,184,734
Center for Micro-Engineered Materials	1,332,044
Center for Radioactive Waste Management	525,792
High Performance Computing Education and Research Center	13,645,789
Microelectronics Research Center	1,123,673
Research Institute for Assistive Technologies	557,919
<i>UNM Institutes</i>	
Latin American Institute	713,224
Southwest Hispanic Research Institute	7,979
Systemic Initiatives in Math and Science Education	2,362,823
<i>Branch Campuses</i>	
Gallup	911,862
Los Alamos	227,406
Los Alamos Graduate Center	406,388
Valencia	529,333
Financial Aid	17,524,417
Other	4,690,513
<i>Health Sciences Center</i>	
Vice President for HSC and Other*	1,945,832
School of Medicine	65,913,398
College of Nursing	739,129
College of Pharmacy	<u>1,438,775</u>
Sub Total Main Campus*	99,597,047
Sub Total Health Sciences Center	<u>70,037,134</u>
Total	\$169,634,181

† Approximately 41%, 40% and 6% attributed to research, public service, and instruction, respectively; see Figure 7.

* Other includes: Health Sciences Center Library, Health Sciences Ethics Program, Mental Health Center, Carrie Tingley Hospital and Children's Psychiatric Hospital.

Indirect Costs

Indirect costs (IDC) are overhead funds that are generated while expenditures were incurred during FY96. The following table details the IDC generated by the various colleges, schools and divisions; centers and institutes and branch campuses.

Table 16: IDC Generated FY96

<u>College/School/Division</u>	<u>IDC</u>
<i>Main Campus</i>	
Anderson Schools of Management	\$49,198
College of Arts and Sciences	3,854,657
College of Education	332,325
College of Fine Arts	17,798
Division of Continuing Education	18,088
School of Architecture and Planning	13,493
School of Engineering	5,255,223
School of Law	173,374
School of Public Administration	30,918
<i>Branch Campuses</i>	
Gallup	28,671
Los Alamos	4,177
Los Alamos Graduate Center	143,625
Valencia	11,941
<i>UNM Centers</i>	
Center on Aging	10,642
Center on Alcoholism, Substance Abuse and Addictions	555,091
Center for High Technology Materials	1,061,607
Center for Micro-Engineered Materials	376,640
Center for Radioactive Waste Management	118,442
High Performance Computing Education and Research Center	2,123,197
Microelectronics Research Center	466,492
Research Institute for Assistive Technologies	171,522
<i>UNM Institutes</i>	
Latin American Institute	77,831
Southwest Hispanic Research Institute	581
Systemic Initiatives in Math and Science Education	123,891
Other	306,803
<i>Health Sciences Center</i>	
Vice President for HSC and Other*	102,630
School of Medicine	6,980,489
College of Nursing	43,879
College of Pharmacy	<u>345,944</u>
Sub Total Main Campus*	15,326,227
Sub Total Health Sciences Center	<u>7,472,942</u>
Total	\$22,799,169

* *Other* includes: Health Sciences Center Library, Health Sciences Ethics Program, Mental Health Center, Carrie Tingley Hospital and Children's Psychiatric Hospital.

Appendix

The Office of Research Services

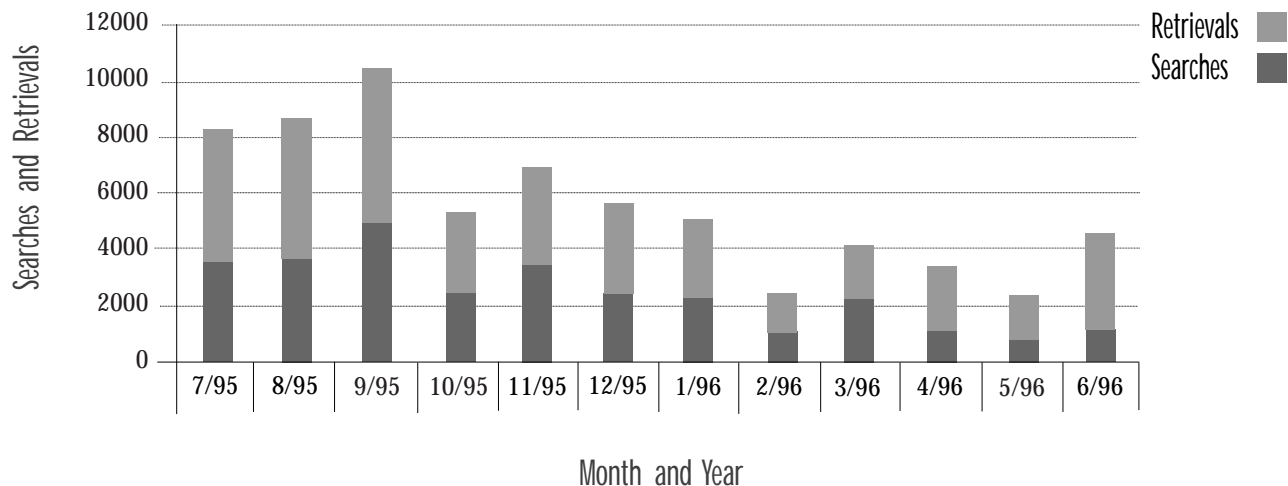
The Office of Research Services (ORS) reviews all proposals from the main campus and branch campuses prior to their submission to funding agencies. The ORS staff works closely with principal investigators and unit administrators to assure an accurate proposal, with all the requisite forms, budget, assurances 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.

Every month ORS publishes *Research Notes*. *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* and the *New Mexico Funding Directory*.

ORS maintains and develops several databases that are accessible at the ORS Web site including *MIDAS*, a database 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 13: MIDAS Usage FY96



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