

6-1-1999

## Awards Annual Report: Fiscal Year 1999

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A w a r d s   A n n u a l   R e p o r t  
*fy 99*

Awards Annual Report  
*fy 99*

On the Cover: *Cycle of Science, Astronomy*, 1934, by Raymond Jonson. Bequest of Raymond Jonson, Collection of Jonson Gallery of the University of New Mexico Art Museums, Albuquerque.

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Office of Research Services  
The University of New Mexico  
Scholes Hall, Room 102  
Albuquerque, NM 87131

505/277-2256  
email: [ors@unm.edu](mailto:ors@unm.edu)  
World Wide Web site: <http://www.unm.edu/~ors>

# Message

FROM THE ASSOCIATE PROVOST FOR RESEARCH/DEAN OF GRADUATE STUDIES



It is a pleasure for me to release this 1999 annual report, which summarizes the University of New Mexico's (UNM) sponsored activities for fiscal year 1999 (i.e., July 1, 1998 - June 30, 1999, FY99). The purpose of this report is to present statistics of FY99 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 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 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 FY99 total \$218.6M, of which \$148.6M 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.

UNM centers continue to flourish and promote interdisciplinary research. They acquired \$43M 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 FY99; *expenditures* – expenses incurred with respect to C&G awards in effect during FY99; *facilities and administrative costs* (F+A), formerly known as indirect costs (IDC) – overhead funds that were generated as a result of expenditures incurred during FY99.

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, Marcia Sletten of the Health Sciences Center, and Roland Wildman of the Center for High Technology Materials.

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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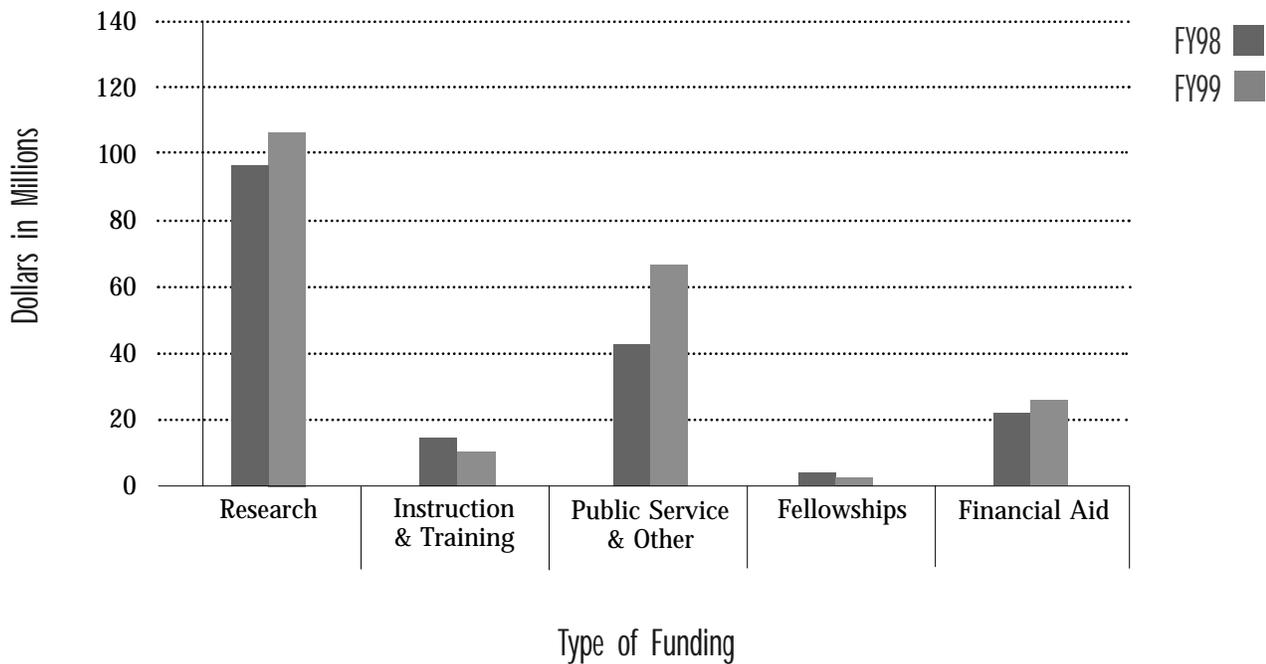
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# Summary

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 FY99 (July 1, 1998 - June 30, 1999) awards, by category is as follows:

	FY98	FY99
Research	\$94,584,071	\$107,446,037
Instruction & Training	16,586,349	11,570,128
Public Service & Other	41,853,767	70,993,120
Fellowships	1,613,949	510,434
Financial Aid	<u>21,192,474</u>	<u>28,107,829</u>
<b>Total</b>	<b>\$175,830,610</b>	<b>\$218,627,548</b>

Figure 1: Summary FY98 - FY99



# Summary

The FY99 total for external sponsored support to the University of New Mexico is \$218.6 million. As in the past, the federal government remains the primary source of UNM sponsored projects and represents 58% of sponsored support at UNM. State funding represents 21% 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 6% 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 sponsor was the State of New Mexico, followed by the U.S. Department of Health and Human Services, the U.S. Air Force, and the U.S. Department of Education. 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 FY99 is 1,330 and a total of 653 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 FY99

Table 1a

<u>Total C&amp;G Awards</u>	<u>Percentage of Total C&amp;G Awards</u>
Total C&G Awards: UNM	\$218.6M
Total C&G Awards: Main Campus	\$148.6M (68%)
Total C&G Awards: HSC	\$69.9M (32%)

Table 1b

<u>Source of C&amp;G Awards (UNM)</u>	<u>Percentage of Total C&amp;G Awards</u> [Total: \$218.6M]
Foundations	2%
Federal	58%
Industry	6%
National Laboratories	4%
State of New Mexico	21%
Other	9%

Table 1c

<u>Source of C&amp;G Awards (Main Campus)</u>	<u>Percentage of Total C&amp;G Awards</u> [Total: \$148.6M]
Foundations	1%
Federal	59%
Industry	3%
National Laboratories	5%
State of New Mexico	24%
Other	8%

Table 1d

<u>Source of C&amp;G Awards (HSC)</u>	<u>Percentage of Total C&amp;G Awards</u> [Total: \$69.9M]
Foundations	3%
Federal	56%
Industry	13%
National Laboratories	<1%
State of New Mexico	14%
Other	13%

# Statistics Summary

## FUNDING CATEGORIES FY99

Table 2

<u>Funding Category</u>	<u>Main Campus</u> <u>[Total: \$148.6M]</u>	<u>HSC</u> <u>[Total: \$69.9M]</u>	<u>UNM</u> <u>[Total: \$218.6M]</u>
Research	51%	45%	49%
Public Service	23%	53%	33%
Instruction	7%	2%	5%
Fellowships	<1%	—	<1%
Financial Aid	19%	<1%	13%

# 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 FY94 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:  
FY94 - FY98

<u>Year</u>	<u>Ranking</u>
FY98	75
FY97	74
FY96	69
FY95	55
FY94	79

Table 4: UNM's Ranking for Total R&D Expenditures at Public Universities and Colleges:  
FY94 - FY98

<u>Year</u>	<u>Ranking</u>
FY98	52
FY97	50
FY96	47
FY95	37
FY94	54

Table 5: Total R&D Expenditures at Universities and Colleges: FY94 - FY98 [Dollars in Thousands]\*

<u>Institution/Ranking</u>	<u>1998</u>	<u>1997</u>	<u>1996</u>	<u>1995</u>	<u>1994</u>
<b>Total, All Institutions</b>	25,735,268	24,187,601	22,961,974	22,097,902	20,965,816
71 University of Virginia	133,049	114,085	97,334	136,679	129,504
72 U CA Irvine	130,415	113,187	119,647	109,908	104,778
73 Boston University	130,054	120,392	110,266	103,709	90,504
74 University of Oklahoma	126,861	114,387	109,071	102,337	95,747
75 University of New Mexico	125,910	116,152	116,618	129,354	90,315
76 U of Nebraska Lincoln	118,857	117,100	102,460	107,721	102,746
77 University of Kansas	117,115	108,893	100,649	100,702	95,701
78 Georgetown University	116,611	119,114	112,582	102,421	82,661
79 Princeton University <sup>2</sup>	115,996	114,549	112,380	104,157	99,287
80 The Rockefeller U	<u>115,494</u>	<u>109,999</u>	<u>105,595</u>	<u>99,348</u>	<u>74,458</u>
<b>Total 1st 80 Institutions</b>	18,821,550	17,612,424	16,673,825	16,068,229	15,277,081
81 U Med & Dent NJ	114,491	110,383	98,535	96,365	86,866
82 Mt Sinai School of Med.	109,448	94,776	92,405	92,008	86,179
83 Oregon Health Sciences U	105,208	98,319	80,333	74,726	63,875
84 U of South Florida	104,325	99,649	94,157	92,758	86,186
85 UT-Houston HSC	101,993	95,638	82,803	74,644	66,432
86 Mississippi State U	100,410	84,157	84,124	72,145	76,201
87 Yeshiva University	99,000	96,819	91,430	94,739	92,881
88 U CA Santa Barbara	96,034	94,796	91,284	78,737	73,619
89 Alleheny U of HS	95,984	85,748	48,790	41,237	45,218
90 Washington State U	<u>95,422</u>	<u>97,700</u>	<u>98,641</u>	<u>96,810</u>	<u>94,819</u>
<b>Total 1st 90 Institutions</b>	19,843,865	18,570,409	17,536,327	16,882,418	16,049,357

Source: National Science Foundation/SRS, Survey of Scientific and Engineering Expenditures at Universities and Colleges, Fiscal Year 1998.

\* 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: FY98 [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>	17,391,022	9,016,467	1,757,863	1,267,036	4,218,736	1,130,920
41 University of Utah	142,956	100,722	856	10,007	23,498	7,873
42 SUNY Stony Brook	141,766	91,531	2,241	6,908	34,179	6,907
43 U TX MD Anderson Cnrc	141,260	63,074	0	0	48,260	29,926
44 Colorado State University	140,179	80,451	19,168	6,155	34,271	134
45 Wayne State University	138,456	57,646	12,978	11,207	41,231	15,394
46 Oregon State University	138,240	82,416	28,017	518	14,558	12,731
47 U of Missouri Columbia	136,061	45,448	16,978	4,348	63,165	6,122
48 University of Connecticut	134,448	53,189	11,902	9,905	49,404	10,048
49 University of Virginia	133,049	93,328	4,159	12,400	11,810	11,352
50 U CA Irvine	<u>130,415</u>	<u>65,902</u>	<u>5,700</u>	<u>15,712</u>	<u>27,607</u>	<u>15,494</u>
<b>Total 1st 50 Institutions</b>	11,957,723	6,288,056	1,157,786	889,059	2,820,257	802,565
51 University of Oklahoma	126,861	54,451	13,063	7,661	37,494	14,192
52 University of New Mexico	125,910	84,365	3,490	3,331	30,492	4,232
53 U of Nebraska Lincoln	118,857	41,888	39,208	4,721	31,243	1,797
54 University of Kansas	117,115	50,567	9,662	8,281	35,467	13,318
55 U Med & Dent NJ	114,491	59,828	6,242	8,841	28,983	10,597
56 Oregon Health Sci U	105,208	71,054	3,206	7,680	14,534	8,734
57 U of South Florida	104,325	35,930	7,833	5,397	44,613	10,552
58 UT-Houston HSC	101,993	70,446	818	11,106	6,626	12,997
59 Mississippi State U	100,410	42,004	24,227	7,470	26,709	0
60 U CA Santa Barbara	<u>96,034</u>	<u>68,408</u>	<u>1,789</u>	<u>3,666</u>	<u>15,789</u>	<u>6,382</u>
<b>Total 1st 60 Institutions</b>	13,068,927	6,866,997	1,267,324	957,213	3,092,207	885,186

Source: National Science Foundation/SRS, Survey of Scientific and Engineering Expenditures at Universities and Colleges, Fiscal Year 1998.

\* 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: FY98 [Dollars in Thousands]\*

<u>Institution/Ranking</u>	<u>\$ Amount</u>
<b>Total, All Institutions</b>	<b>13,847,428</b>
61 U of CA Irvine	72,248
62 U of Il Chicago	72,160
63 Purdue University	67,958
64 U of TX MD Anderson Cancer	65,741
65 Oregon Health Sciences U	65,477
66 University of New Mexico	65,097
67 Georgetown University	63,442
68 Georgia Institute of Tech	63,081
69 Wayne State University	61,832
70 Colorado State University	<u>61,814</u>
<b>Total 1st 70 institutions</b>	<b>10,102,828</b>

*Source: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1998.*

\*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 FY98: FY94 - FY98 [Dollars in Thousands]\*

<u>Institution/Ranking</u>	<u>1994</u>	<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>
<b>Total, All Institutions</b>	<b>13,867,144</b>	<b>14,461,050</b>	<b>14,449,919</b>	<b>15,095,984</b>	<b>16,031,984</b>
61 U of IL Chicago	64,197	57,799	61,552	65,237	81,907
62 U of TX Hlth Sci Houston	46,422	50,738	67,427	69,114	81,295
63 NC State U	74,029	85,091	77,041	79,728	79,368
64 U of CA Santa Barbara	64,875	63,625	64,254	64,379	79,201
65 Colorado State U	67,000	66,739	61,751	74,266	77,671
66 U of CA Irvine	69,565	71,578	69,861	71,464	77,401
67 U of Kentucky All	65,372	66,336	70,192	75,649	74,704
68 Oregon State U	67,954	84,067	72,435	73,835	73,770
69 University of New Mexico	74,407	83,155	65,459	65,412	71,889
70 Oregon Hlth Sci U	53,524	54,104	53,199	71,399	70,828
<b>Total 1st 70 Institutions</b>	<b>9,587,928</b>	<b>9,988,041</b>	<b>10,103,662</b>	<b>10,490,261</b>	<b>11,276,595</b>
71 Georgetown University	62,519	116,017	95,072	67,052	68,729
72 U TX MD Anderson Cancr	49,500	46,712	56,618	60,612	67,891
73 U of Hawaii Manoa	58,741	54,819	56,927	67,874	67,681
74 Wayne State University	49,279	51,023	59,273	66,419	66,983
75 U Med & Dent of NJ	54,295	49,695	56,845	62,093	64,763
76 U of Missouri Columbia	47,245	48,376	45,246	57,999	64,594
77 Texas A&M U	88,221	94,190	85,078	83,719	64,395
78 U of Cincinnati	55,436	54,785	54,965	55,962	63,268
79 University of Kansas	37,810	44,402	49,762	49,827	62,404
80 University of Georgia	66,867	60,943	60,129	56,303	60,865
<b>Total 1st 80 Institutions</b>	<b>10,157,841</b>	<b>10,609,003</b>	<b>10,723,577</b>	<b>11,118,121</b>	<b>11,928,168</b>

Source: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1998.

\*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 FY99

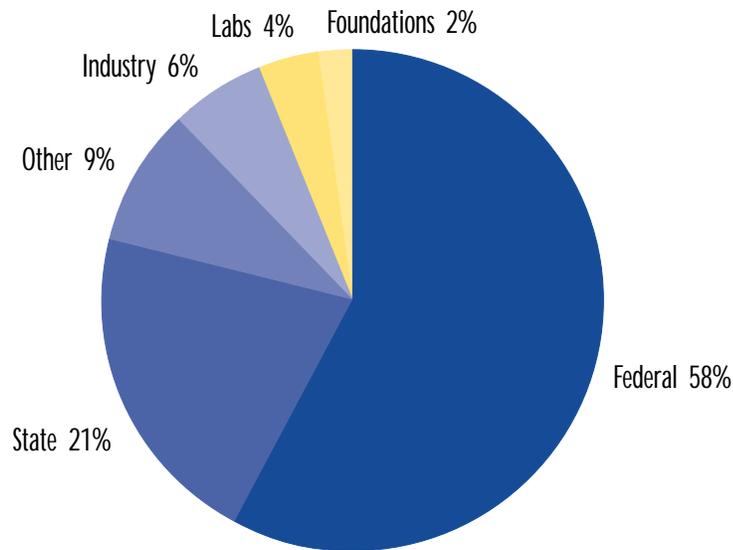


Figure 3: Breakdown of Federal Funds FY99

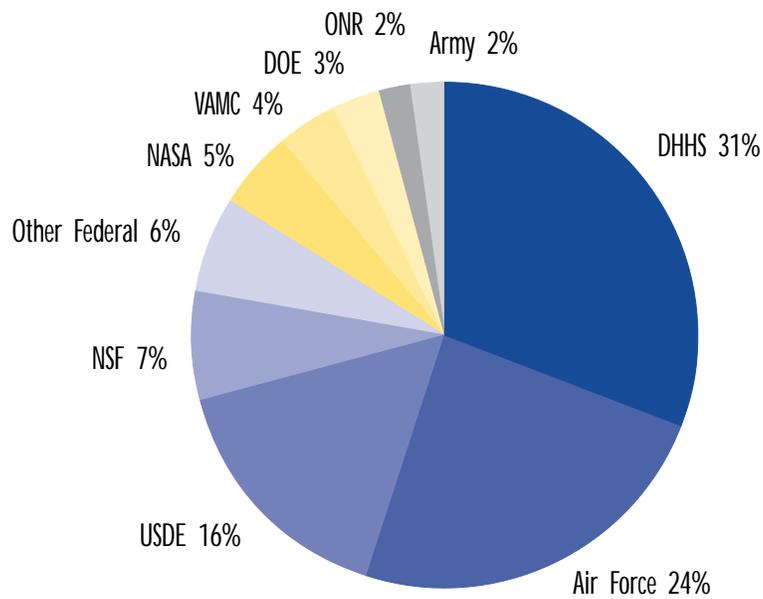


Figure 4: Contract and Grant Awards by Unit FY99

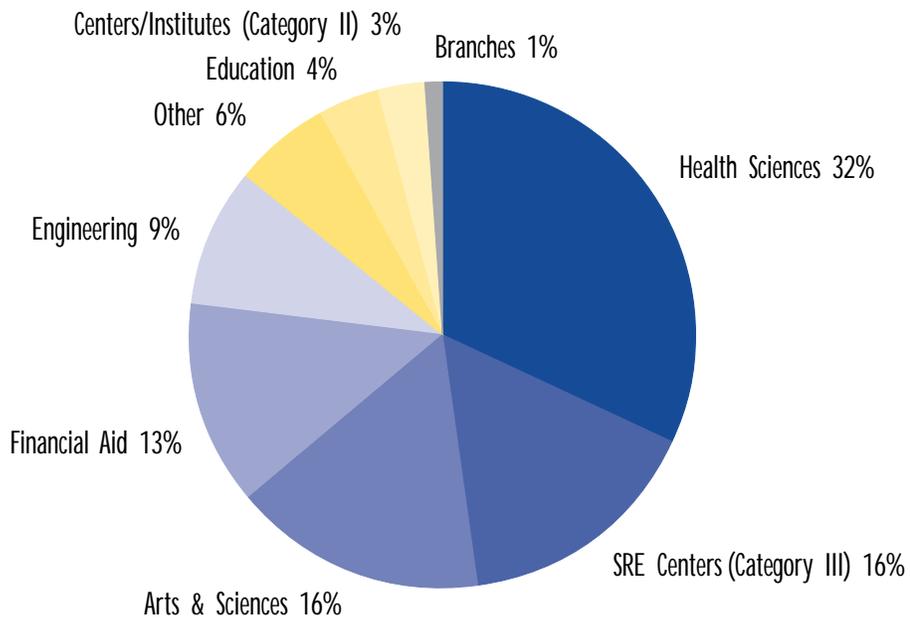


Figure 5: Total Contract and Grant Awards Ten Year History FY90 - FY99

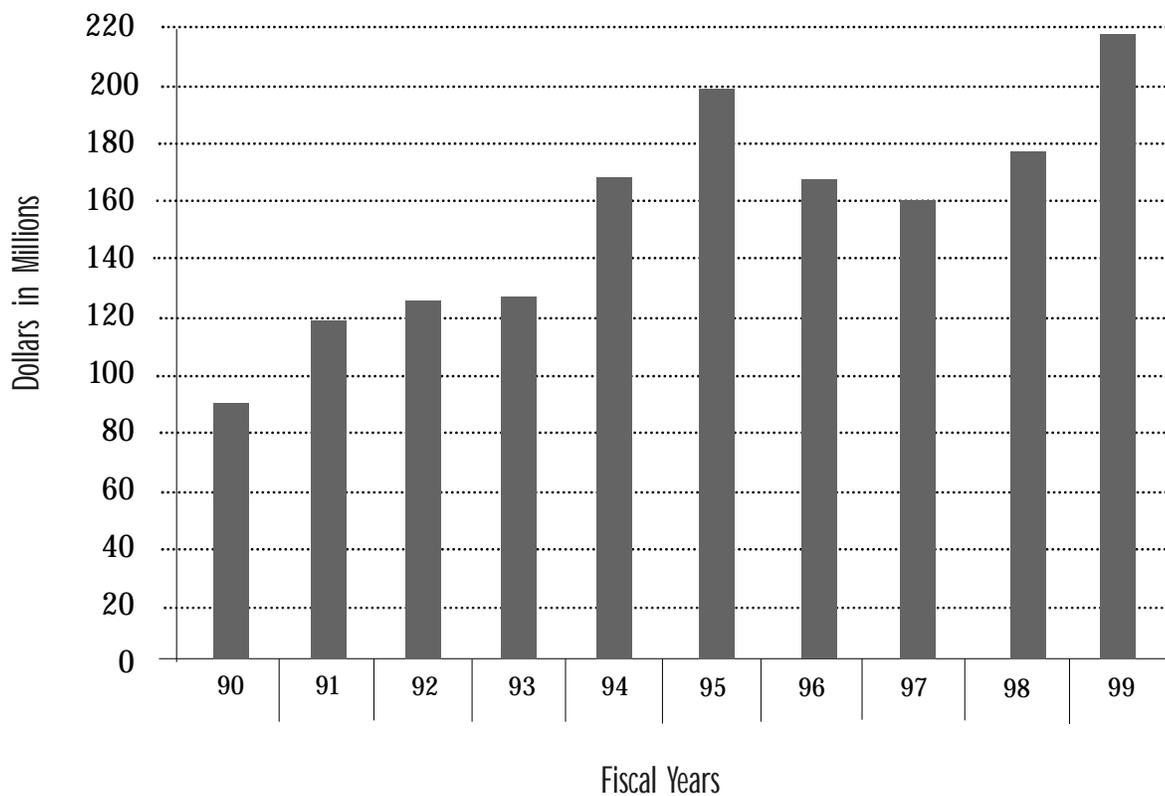


Figure 6: Contract and Grant Expenditures by Unit FY99

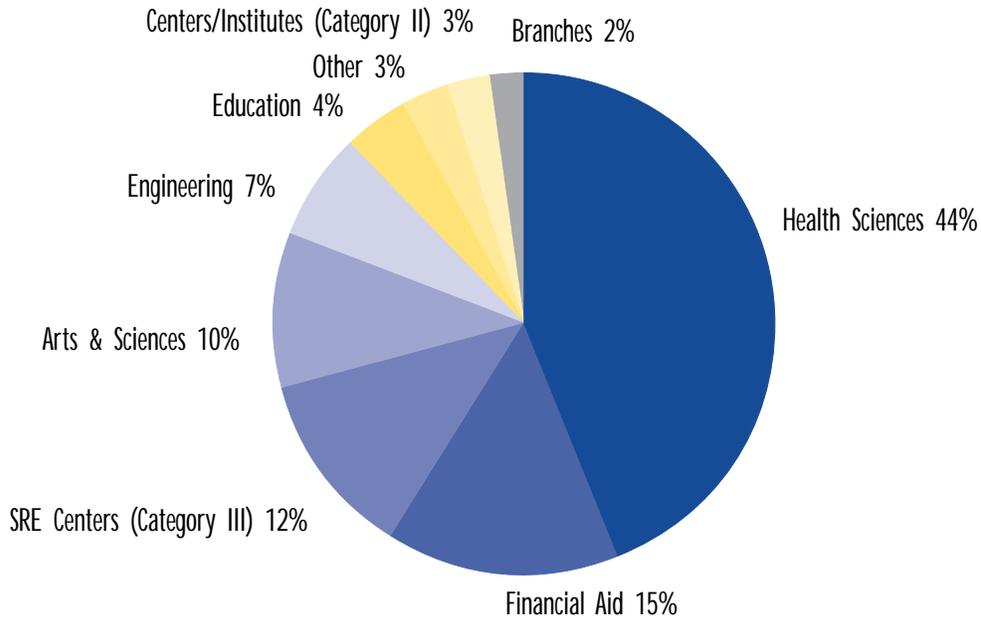
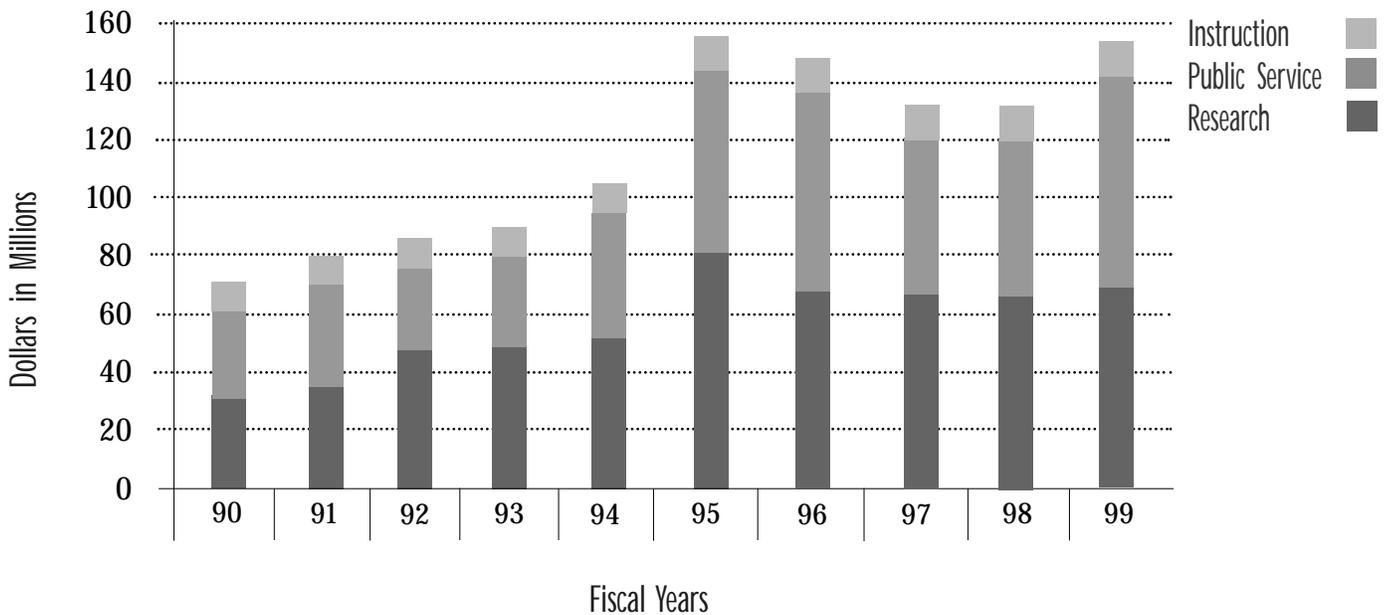


Figure 7: Total Contract and Grant Expenditures Ten Year History FY90 - FY99<sup>◇</sup>



<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 FY99

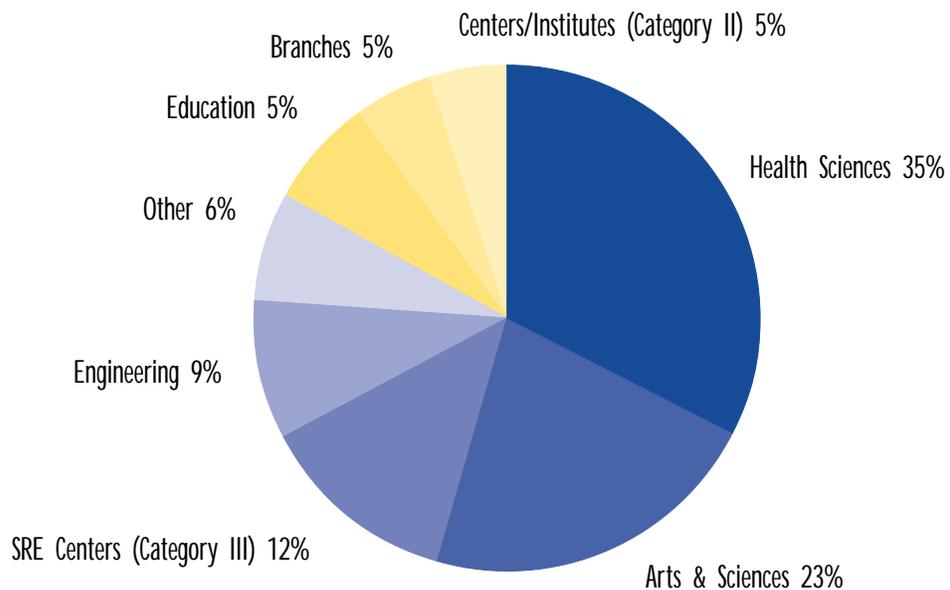
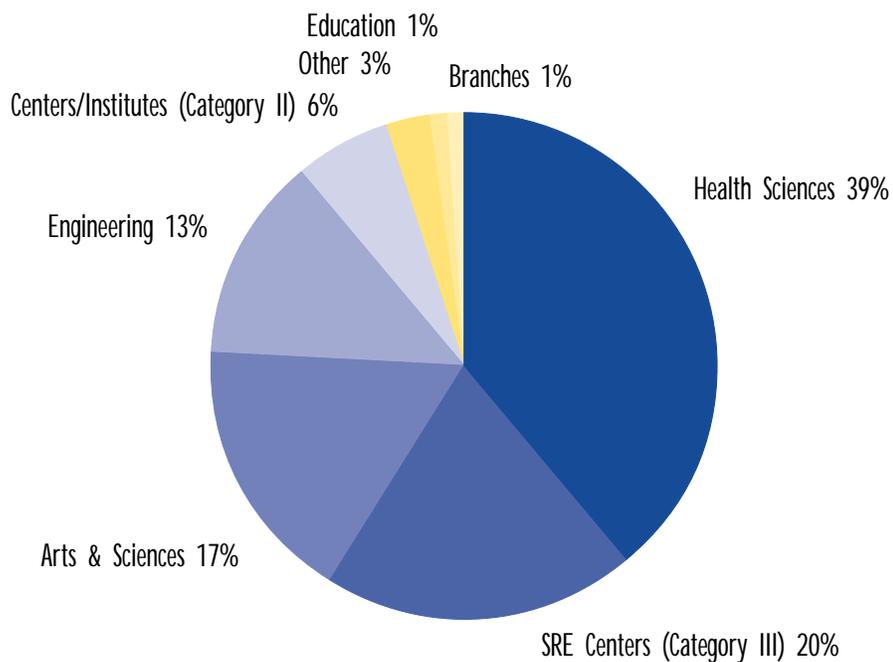


Figure 9: Facilities and Administrative Costs Generated by Unit FY99



# Awards

External sponsored support at the University of New Mexico has increased 258% over a ten-year period. In FY99 UNM received \$218.6M for 1,330 awards. The Health Sciences Center had the largest percentage of contract and grant awards, 32%, for a total \$70M. The School of Engineering accounted for 9% of the awards, for a total of \$19.1M and the College of Arts and Sciences with 16% of the awards, for a total of \$36M. *Table 9* reflects the number of contract and grants awarded from FY90 through FY99. *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 FY90 - FY99

<u>Year</u>	<u>Main</u>	<u>HSC</u>	<u>Total</u>
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	124,216,527
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

Table 10: Award Dollars by Source of Funds FY98 - FY99

<u>Source</u>	<u>FY98</u>	<u>FY99</u>	<u>% Change</u>
Federal Agencies	\$107,154,164	\$126,582,140	+18%
State of New Mexico	23,020,085	46,236,325	+101%
National Laboratories	7,794,592	8,013,755	+3%
Industry	13,887,907	13,902,384	+<1%
Foundations	4,240,458	3,478,088	-18%
Other	<u>19,733,404</u>	<u>20,414,856</u>	+3%
<b>Total</b>	\$175,830,610	\$218,627,548	+24%

Table 11: Award Dollars by Campus Area FY98 - FY99

<u>Campus Areas</u>	<u>FY98</u>	<u>FY99</u>
<i>Main Campus</i>		
Anderson Schools of Management	\$201,190	\$347,551
College of Arts and Sciences	19,824,028	35,968,029
College of Education	12,084,440	8,905,679
College of Fine Arts	2,000	23,425
Division of Continuing Education	726,721	5,663,598
School of Architecture and Planning	359,000	124,777
School of Engineering	15,988,460	19,077,870
School of Law	1,296,730	933,200
Financial Aid	21,192,474	27,917,577
Branches	3,818,412	3,241,319
UNM Centers/Institutes (Category II)*	8,021,438	7,033,588
UNM SRE Centers (Category III)**	29,888,201	35,011,478
Other‡	<u>7,888,283</u>	<u>4,382,161</u>
<i>Health Sciences Center</i>		
Vice President for HSC and Other‡‡	1,641,321	5,122,353
School of Medicine	41,671,943	55,804,870
College of Nursing	747,668	648,351
College of Pharmacy	1,726,850	1,114,049
Cancer Research and Treatment Center†	<u>8,751,451</u>	<u>7,307,673</u>
<b>Sub Total Main Campus</b>	<b>121,291,377</b>	<b>148,630,252</b>
<b>Sub Total Health Sciences Center</b>	<b><u>54,539,233</u></b>	<b><u>69,997,296</u></b>
<b>Total</b>	<b>\$175,830,610</b>	<b>\$218,627,548</b>

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

Table 12: Award Dollars by Source of Funds: Funds Distribution FY99

<u>Source</u>	<u>Fin. Aid</u>	<u>Main</u>	<u>HSC</u>	<u>Total</u>	<u>%</u>
Federal Agencies	\$18,507,103	\$68,541,780	\$39,533,257	\$126,582,140	58%
State of New Mexico	9,410,474	26,813,253	10,012,598	46,236,325	21%
National Laboratories	0	7,779,360	234,395	8,013,755	4%
Industry	0	4,968,693	8,933,691	13,902,384	6%
Foundations	0	1,548,830	1,929,258	3,478,088	2%
Other	<u>0</u>	<u>11,060,759</u>	<u>9,354,097</u>	<u>20,414,856</u>	<u>9%</u>
<b>Total</b>	<b>\$27,917,577</b>	<b>\$120,712,675</b>	<b>\$69,997,296</b>	<b>\$218,627,548</b>	<b>100%</b>

Table 13: Awards by Campus Area FY99

<u>Campus Area</u>	<u># of Awards</u>	<u>\$ Amount</u>
<i>Main Campus</i>		
Anderson Schools of Management	6	\$347,551
College of Arts and Sciences	267	35,968,029
College of Education	61	8,905,679
College of Fine Arts	4	23,425
Division of Continuing Education	3	5,663,598
School of Architecture and Planning	6	124,777
School of Engineering	206	19,077,870
School of Law	24	933,200
Financial Aid	9	27,917,577
Branches	41	3,241,319
UNM Centers/Institutes (Category II)*	44	7,033,588
UNM SRE Centers (Category III)**	115	35,011,478
Other‡	<u>35</u>	<u>4,382,161</u>
<i>Health Sciences Center</i>		
Vice President for HSC and Other‡‡	22	5,122,353
School of Medicine	417	55,804,870
College of Nursing	6	648,351
College of Pharmacy	13	1,114,049
Cancer Research and Treatment Center†	<u>51</u>	<u>7,307,673</u>
<b>Sub Total Main Campus</b>	<b>821</b>	<b>148,630,252</b>
<b>Sub Total Health Sciences Center</b>	<b><u>509</u></b>	<b><u>69,997,296</u></b>
<b>Grand Total</b>	<b>1,330</b>	<b>\$218,627,548</b>

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

Table 14: Funding Agencies Providing More Than \$1M in Support FY99

<u>Agency</u>	<u>\$ Amount</u>
State of New Mexico	\$46,236,325
U.S. Department of Health and Human Services	39,636,405
U.S. Air Force	30,060,349
U.S. Department of Education	20,777,802
National Science Foundation	9,427,540
National Aeronautics and Space Administration	6,052,126
Veterans Administration Medical Center	5,292,844
Sandia National Laboratories	4,975,276
Albuquerque Public Schools	4,002,215
Department of Energy	3,976,567
City of Albuquerque	3,491,822
Office of Naval Research	2,052,554
U.S. Army	2,047,478
Los Alamos National Laboratory	1,815,523
New Mexico State University	1,458,983
Kellogg Foundation	1,404,671
Merck & Co.	1,379,923
U.S. Department of Transportation	1,020,214

Figure 10: Funding Agencies Providing More Than \$1M FY99

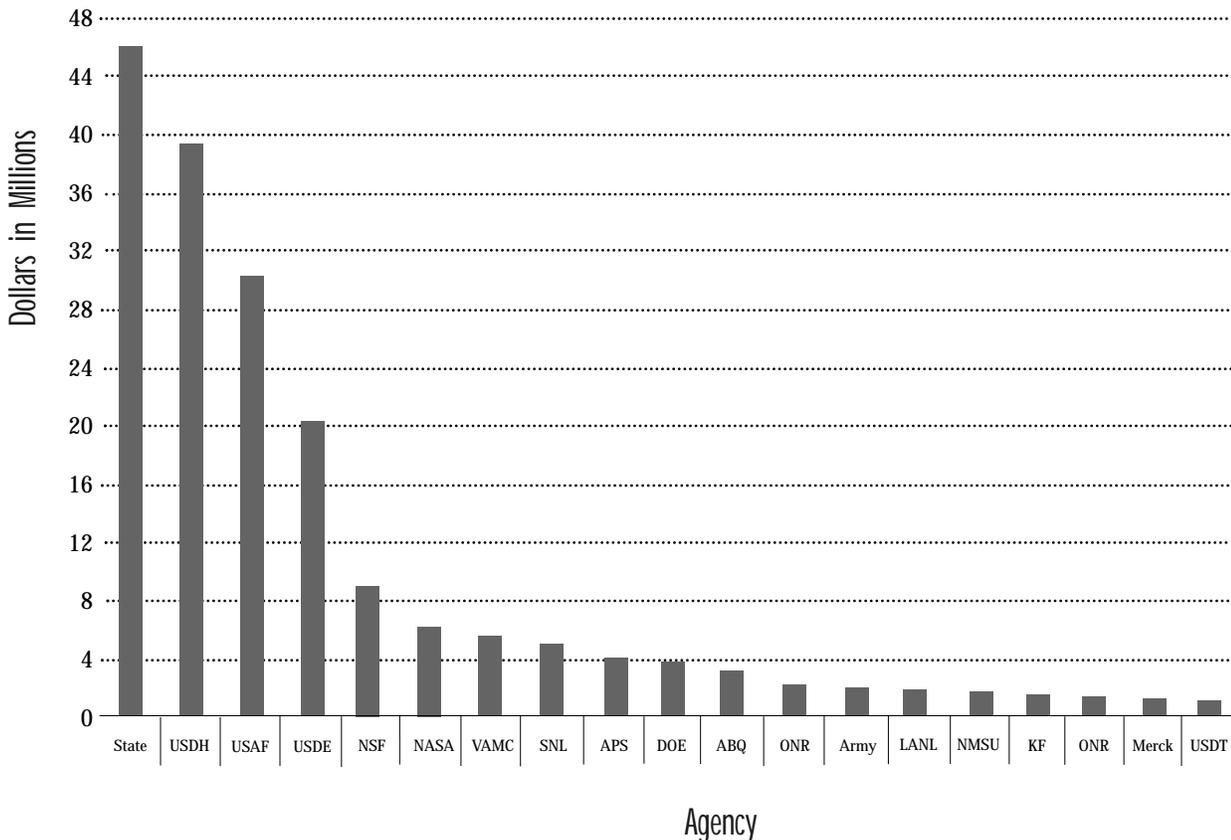
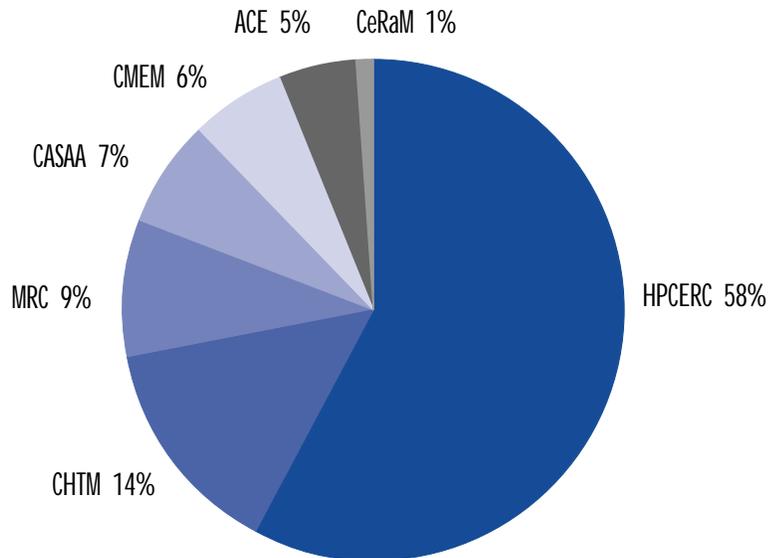
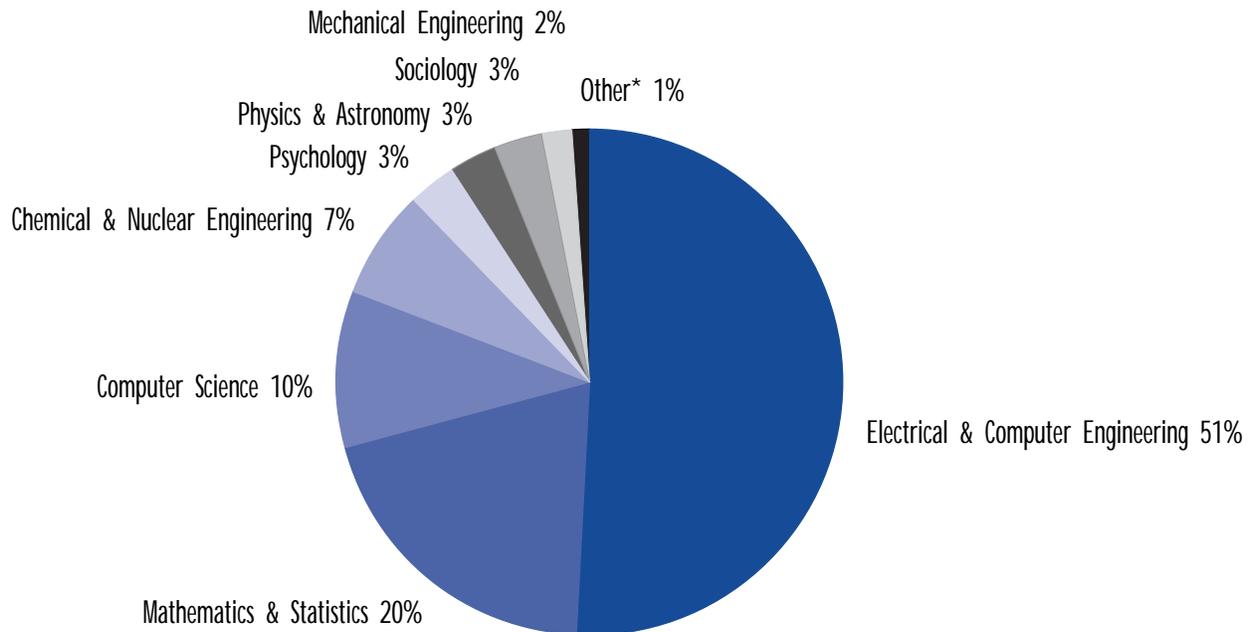


Figure 11: Contract & Grants Awards by Centers FY99



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; ACE = Autonomous Control Engineering; CeRaM = Center for Radioactive Waste Management.

Figure 12: Contract & Grants Awards for Centers by PI's Department FY99



\* *Other* includes Chemistry, Civil Engineering and Communication and Journalism.

# Funding Trends

Figure 13: Five Year Funding Trends by Source of Funds: Federal Awards FY95 - FY99

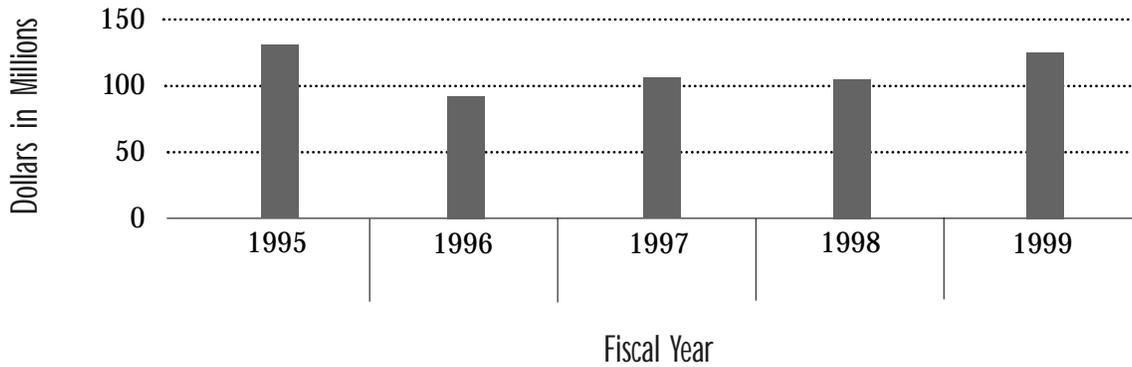


Figure 14: Five Year Funding Trends by Source of Funds: Foundation Awards FY95 - FY99

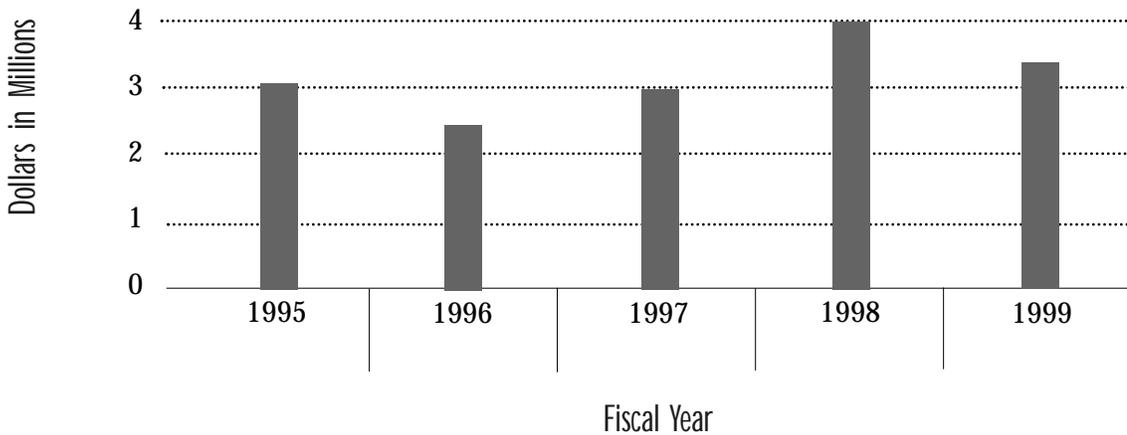


Figure 15: Five Year Funding Trends by Source of Funds: Industry Awards FY95 - FY99

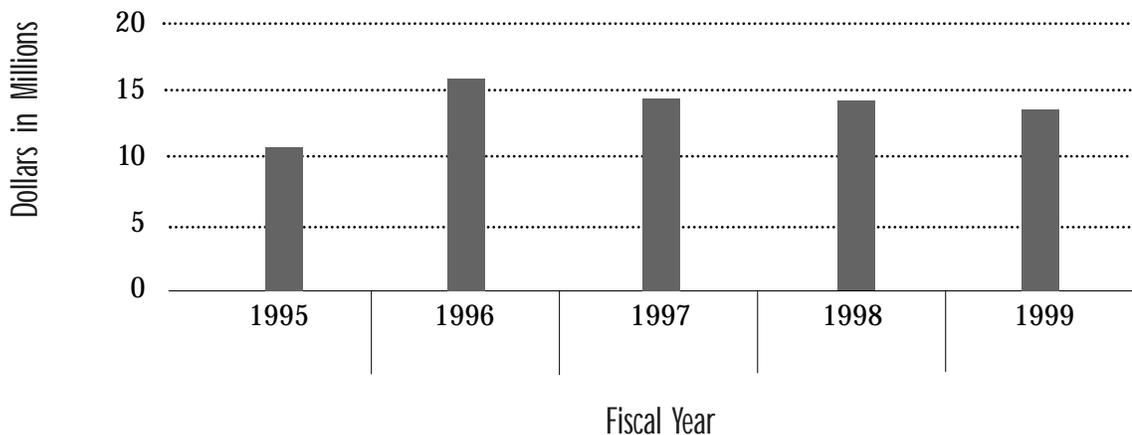


Figure 16: Five Year Funding Trends by Source of Funds: National Lab Awards FY95 - FY99

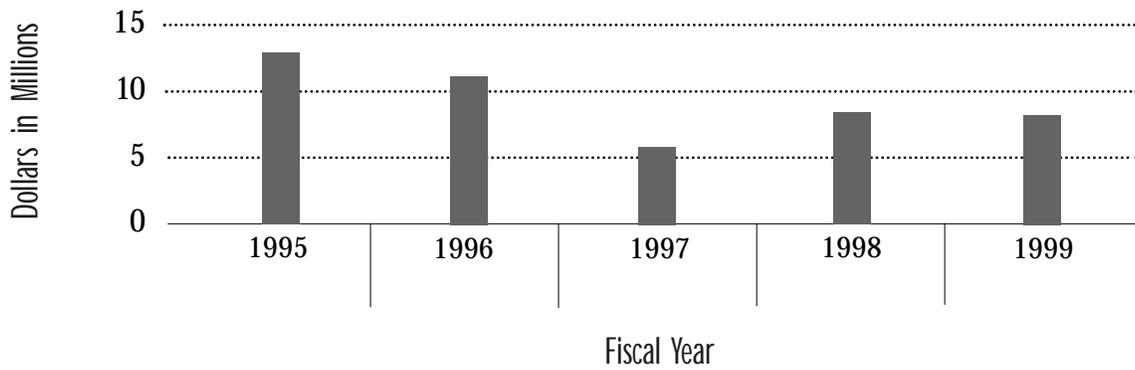


Figure 17: Five Year Funding Trends by Source of Funds: State Awards FY95 - FY99

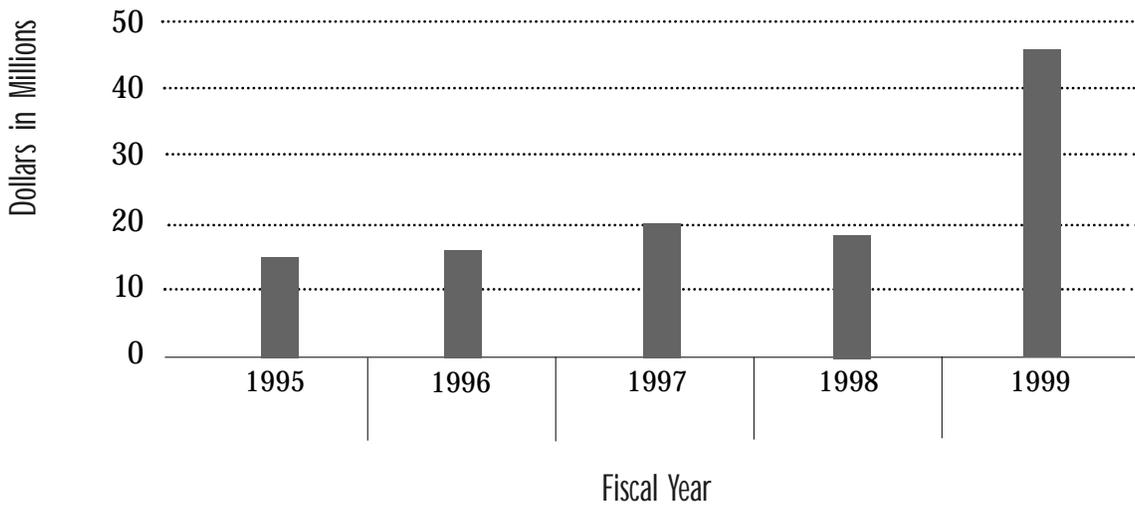
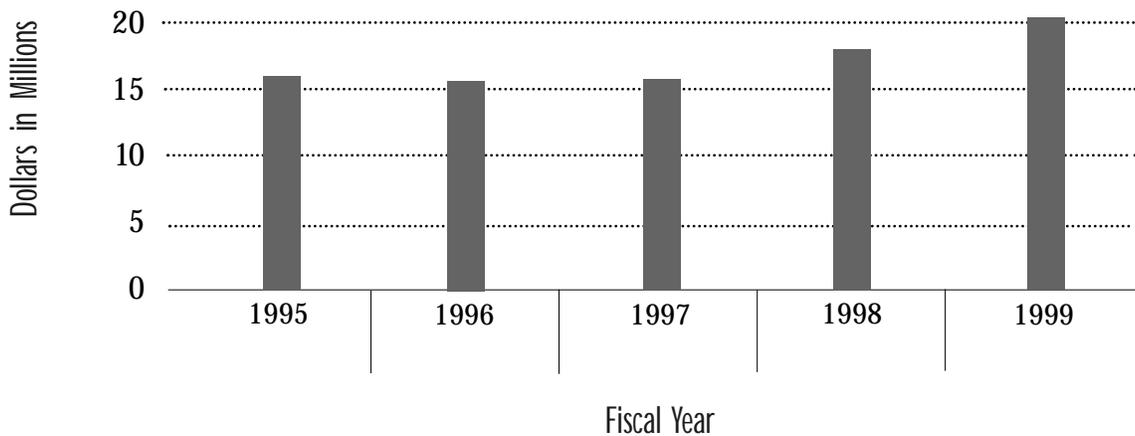


Figure 18: Five Year Funding Trends by Source of Funds: Other Awards FY95 - FY99



# Proposals

During FY99, 1,801 proposals were submitted by UNM faculty and staff.

Table 15: Proposals by Campus Area: School, College and Division FY99

<u>Campus Area</u>	<u>Number of Proposals</u>	<u>\$ Amount Requested</u>
<i>Main Campus</i>		
Anderson Schools of Management	9	\$221,835
College of Arts and Sciences	370	65,527,210
College of Education	76	14,316,797
College of Fine Arts	6	140,221
Division of Continuing Education	5	5,733,598
School of Architecture and Planning	9	698,763
School of Engineering	218	24,373,488
School of Law	18	778,413
Branches	66	15,086,340
UNM Centers/Institutes (Category II)*	60	16,414,088
UNM SRE Centers (Category III)**	107	33,797,562
Other‡	74	8,075,369
<i>Health Sciences Center</i>		
Vice President for HSC and Other‡‡	28	4,483,079
School of Medicine	579	80,508,604
College of Nursing	10	1,260,983
College of Pharmacy	38	3,481,955
Cancer Research and Treatment Center†	83	10,527,723
<b>Sub Total Main Campus</b>	<b>1018</b>	<b>185,163,684</b>
<b>Sub Total Health Sciences Center</b>	<b>783</b>	<b>100,262,344</b>
<b>Total</b>	<b>1,801</b>	<b>\$285,426,028</b>

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

# Expenditures

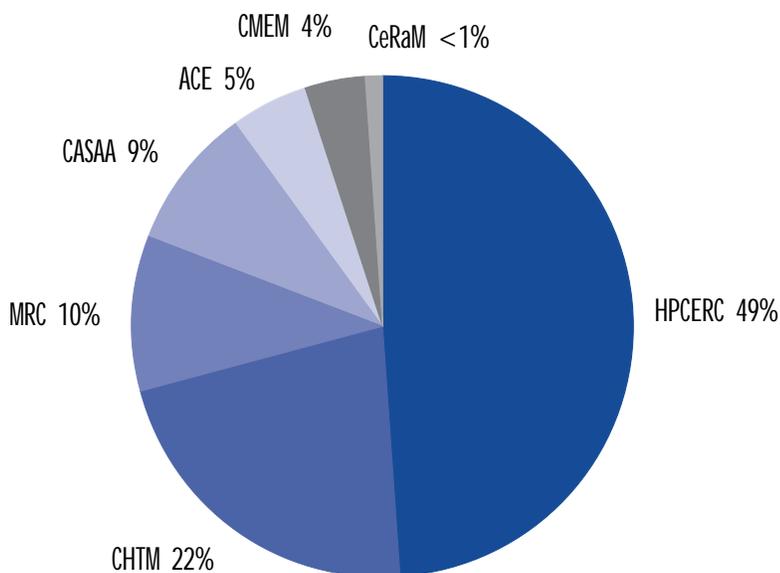
During FY99, expenditures at UNM were \$187.3M<sup>◇</sup>, of which \$105.2M were due to the main campus and \$82M were due to HSC. This number represents expenses actually incurred for items such as salaries, fringe benefits, materials, services, equipment and travel (excluding F&A costs).

Table 16: UNM Contract and Grant Expenditures FY99

<u>College/School/Division</u>	<u>Expenditures</u>
<i>Main Campus</i>	
Anderson Schools of Management	\$103,856
College of Arts and Sciences	18,791,004
College of Education	8,349,032
College of Fine Arts	17,538
Division of Continuing Education	735,704
School of Architecture and Planning	211,031
School of Engineering	12,301,632
School of Law	943,301
<i>UNM Centers/Institutes (Category II)</i>	
Bureau for Business and Economic Research	256,696
Center for Radioactive Waste Management	183,548
Center for Autonomous Control Engineering	1,362,126
Division of Government Research	376,862
Earth Data Analysis Center	531,724
Latin American and Iberian Institute	769,694
Microelectronics Research Center	2,680,901
Southwest Hispanic Research Institute	11,064
UNM Business Link	170,422
<i>UNM Strategic Research Emphasis Centers (Category III)</i>	
Center on Alcoholism, Substance Abuse and Addictions	2,431,239
Center for High Technology Materials	5,676,419
Center for Micro-Engineered Materials	1,122,263
High Performance Computing Education and Research Center	13,152,422
<i>Branch Campuses</i>	
Gallup	1,137,276
Los Alamos	429,059
Taos Education Center	97,825
Valencia	1,485,330
Financial Aid	27,917,577
Other‡	4,003,390
<i>Health Sciences Center</i>	
Vice President for HSC and Other‡‡	3,597,395
School of Medicine	70,862,123
College of Nursing	855,118
College of Pharmacy	979,393
Cancer Research and Treatment Center†	<u>5,786,430</u>
<b>Sub Total Main Campus</b>	<b>105,248,935</b>
<b>Sub Total Health Sciences Center</b>	<b><u>82,080,459</u></b>
<b>Total</b>	<b>\$187,329,394</b>

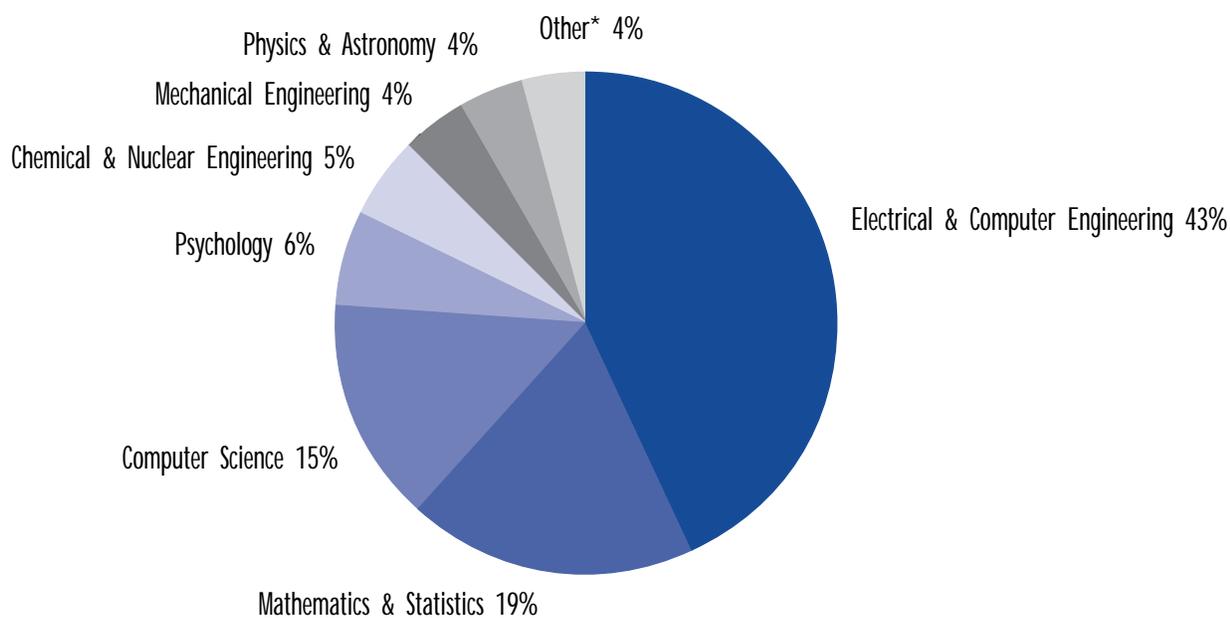
◇, ‡, ‡‡, † See "References," page 32.

Figure 19: Total Expenditures by Centers FY99



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

Figure 20: Total Expenditures by Centers Associated with PI's Departments FY99



\* *Other* includes Chemistry, Sociology, Civil Engineering, Communication and Journalism, Earth and Planetary Sciences, and Language, Literacy and Sociocultural Studies.

# 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 FY99. 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 FY99

<u>College/School/Division</u>	<u>F&amp;A</u>
<i>Main Campus</i>	
Anderson Schools of Management	\$8,598
College of Arts and Sciences	4,194,991
College of Education	318,352
College of Fine Arts	(1,501)
Division of Continuing Education	110,412
School of Architecture and Planning	12,795
School of Engineering	3,185,030
School of Law	104,569
<i>Branch Campuses</i>	
Gallup	32,274
Los Alamos	21,222
Taos Educational Center	9,181
Valencia	115,896
<i>UNM Centers/Institutes (Category II)</i>	
Bureau for Business and Economic Research	30,796
Center for Radioactive Waste Management	62,463
Center for Autonomous Control Engineering	217,006
Division of Government Research	35,367
Earth Data Analysis Center	188,214
Latin American and Iberian Institute	42,129
Microelectronics Research Center	815,502
Southwest Hispanic Research Institute	1,479
UNM Business Link	5,644
<i>UNM Strategic Research Emphasis Centers (Category III)</i>	
Center on Alcoholism, Substance Abuse and Addictions	472,401
Center for High Technology Materials	1,531,822
Center for Micro-Engineered Materials	271,640
High Performance Computing Education and Research Center	2,580,082
Other‡	383,779
<i>Health Sciences Center</i>	
Vice President for HSC and Other‡‡	86,337
School of Medicine	7,085,946
College of Nursing	139,100
College of Pharmacy	336,839
Cancer Research and Treatment Center†	1,554,795
<b>Sub Total Main Campus</b>	<b>14,750,143</b>
<b>Sub Total Health Sciences Center</b>	<b><u>9,203,017</u></b>
<b>Total</b>	<b>\$23,953,160</b>

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

# Appendix

## THE OFFICE OF RESEARCH SERVICES

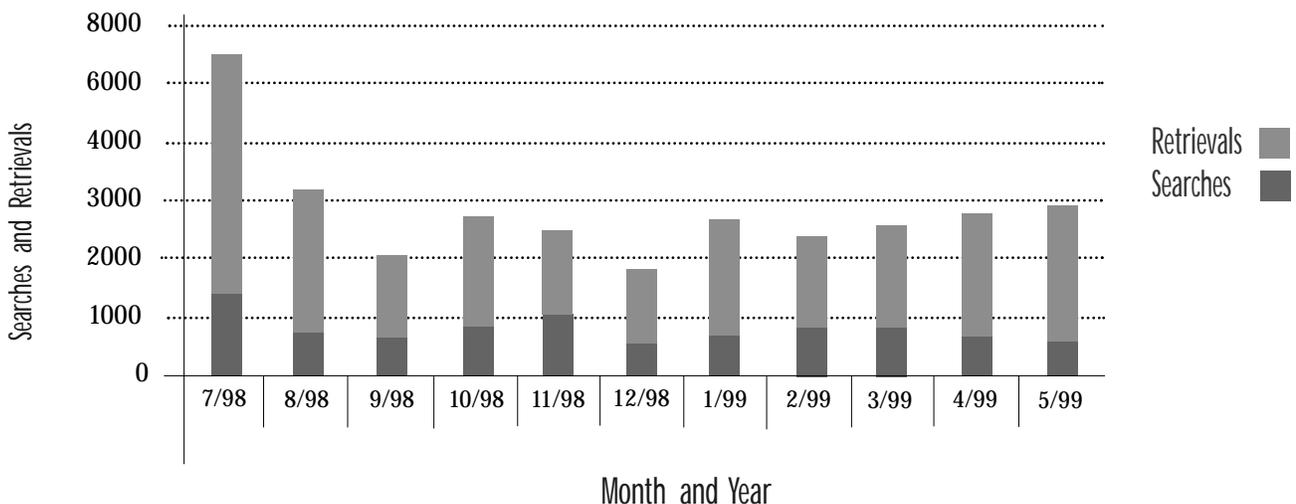
The Office of Research Services (ORS) reviews all proposals from the main campus and branch campuses prior to their submission to funding agencies. The ORS staff works closely with principal investigators to ensure an accurate proposal, with all requisite forms, budgets and certifications, as well as 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* several times a year. *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 *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 also available at the ORS Web site (<http://www.unm.edu/~ors>).

Figure 21: MIDAS Usage FY98



# References

## KEY TO SYMBOLS

◇ *\$155.6M*: approximately 47%, 47%, 6% attributed to research, public service and instruction respectively; see *Figure 7*.

\* *UNM Centers/Institutes (Category II)* includes: Bureau of Business and Economic Research, Center for Radioactive Waste Management, Center for Autonomous Control Engineering, Division of Government Research, Earth Data Analysis Center, Latin American and Iberian Institute, Microelectronics Research Center, Southwest Hispanic Research Center, and UNM Business Link.

\*\* *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, African American Studies; Associate Provost for Research; Division of Media Technology Services; Division of Public Administration, 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; Student Health Center; Technical Assistance Office; UNM Business Link; University Art Museum; 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, 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.