



UNIVERSITY OF COLORADO SYSTEM

Boulder • Colorado Springs • Denver

Office of the Vice President for Academic Affairs and Research

University of Colorado 2007 Sponsored Research Report

Prepared by the University of Colorado System Office of Information & Analysis

April 2008

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Foreword

In Section I, sponsored research awards refer to contracts and grants awarded to CU faculty. Many are multiyear contracts, which are only partially accounted for in research and development expenditures reported for one year. Data for this section are available for the most current completed fiscal year. In this report, “sponsored research awards” is used generically and is used to reference all “sponsored projects”.

Data in Sections II and III are extracted from results of a National Science Foundation survey of research and development expenditures. This survey collects data on expenditures by universities and colleges for separately budgeted research and development (R&D). NSF data are, typically, one or more years behind the annualized data available in Section I.

NSF Survey Definitions:

Research and Development (R&D). R&D for purposes of this survey is the same as “organized research” as defined in Section B.1.b. of OMB Circular A-21 (revised). It includes all R&D activities of an institution that are separately budgeted and accounted for. R&D includes both “sponsored research” activities (sponsored by Federal and non-Federal agencies and organizations) and “university research” (separately budgeted under an internal application of institutional funds). Current fund expenditures are expenditures of funds available for current operations. Such expenditures include all unrestricted gifts and restricted current funds to the extent that such funds were expended for current operating purposes.

Research is systematic study directed toward fuller knowledge or understanding of the subject studied. Research is classified as either basic or applied, according to the objectives of the investigator.

Development is systematic use of the knowledge or understanding gained from research, directed toward the production of useful materials, devices, systems, or methods, including design and development of prototypes and processes.

Current fund expenditures. These are expenditures of funds available for current operations. Such expenditures include all unrestricted gifts and restricted current funds to the extent that such funds were expended for current operating purposes.

Report Highlights

Section I: Fiscal Year 2007 Sponsored Research Awards

- ✦ CU's sponsored research awards of \$637.4 million in 2007 was 0.4% below the 2006 level.
- ✦ Federal funding represented more than 68% of all research funding in 2007.
- ✦ From 2002 to 2007, sponsored research funding at each CU campus either increased or remained fairly constant:
 - Research funding at the Boulder campus is at a historically high level. The 2007 \$266 million level is 16% above the 2002 level.
 - Research funding at the Colorado Springs campus decreased in 2007 but the current \$7.9 million level is significantly higher than the \$1.9 million in awards received in 2002.
 - Research funding at Denver in 2007 is below the 2005 and 2006 levels but are substantially higher than the 2002 to 2004 levels. The current level of \$363.4 million is 15% above the level achieved in 2002.

Section II: Fiscal Year 2006 Research and Development Expenditures

- ✦ Over the last three years, CU has been among the top 15 public universities and colleges in total research expenditures and among the top 7 in federal research expenditures.
- ✦ CU has consistently been ranked among the top 10 public universities and colleges based on total research expenditures in the environmental sciences and physical sciences. In 2006, CU also ranked among the top 10 public universities and colleges in the psychology discipline.

Section III: Fiscal 2006 University of Colorado All Campuses R&D Expenditures as reported to and ranked by the National Science Foundation (NSF)

- ✦ From 2001 to 2006, CU experienced the eighth largest five-year increase in federal research expenditures (\$139.7 Million) among the top 20 public universities and colleges.
- ✦ CU placed 7th among public universities and colleges in terms of 2006 federal research expenditures. Rankings for specific disciplines include:
 - 1st - Environmental Sciences
 - 3rd – Psychology
 - 4th - Physical Sciences
 - 10th - Life Sciences
 - 19th - Social Sciences
 - 23rd - Math and Computer Sciences
 - 25th - Engineering

Section I

Fiscal Year 2007 Sponsored Research Awards

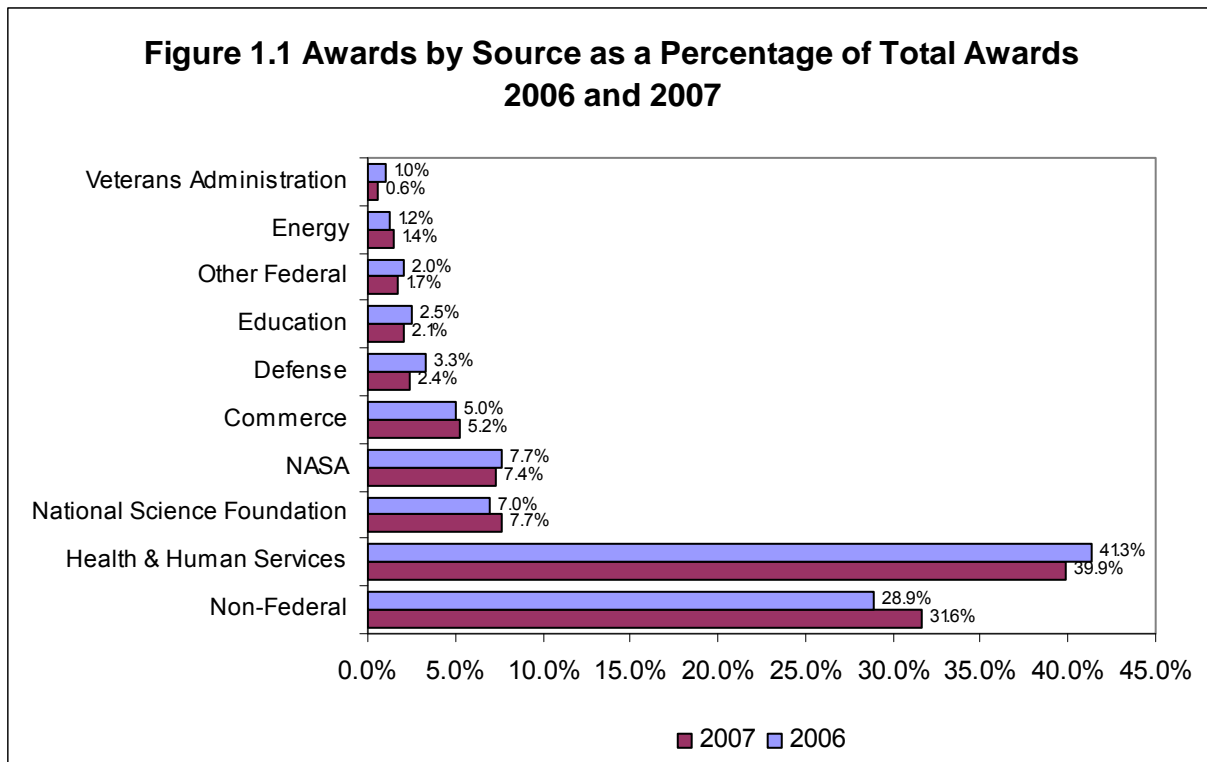
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Table 1.1 University of Colorado All Campuses Sponsored Research Awards by Source
[In Millions of Dollars]

Agency	Dollars Awarded		% of Total Dollars		Dollar % Change
	2006	2007	2006	2007	
Commerce	\$ 32.0	\$ 33.2	5.0%	5.2%	3.6%
Veterans Administration	\$ 6.5	\$ 4.0	1.0%	0.6%	-38.5%
Defense	\$ 21.1	\$ 15.1	3.3%	2.4%	-28.4%
Energy	\$ 7.9	\$ 9.2	1.2%	1.4%	16.5%
Health & Human Services ¹	\$ 264.5	\$ 254.3	41.3%	39.9%	-3.9%
NASA	\$ 49.2	\$ 46.9	7.7%	7.4%	-4.7%
Education	\$ 16.1	\$ 13.2	2.5%	2.1%	-18.0%
National Science Foundation	\$ 44.5	\$ 48.9	7.0%	7.7%	9.9%
Other Federal	\$ 13.1	\$ 10.9	2.0%	1.7%	-16.8%
Non-Federal	\$ 185.1	\$ 201.7	28.9%	31.6%	9.0%
System Totals	\$ 640.0	\$ 637.4	100.0%	100.0%	-0.4%

¹ Includes National Institutes of Health (NIH).



**Table 1.2 University of Colorado All Campuses Sponsored R&D Awards
FY 1997 - FY 2007**

Awards Granted (reported in millions of dollars)

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	Percent Change (1997-2007)
<i>CAMPUS</i>												
Boulder	\$174.2	\$181.7	\$204.3	\$214.2	\$219.0	\$229.0	\$250.4	\$259.7	\$257.6	\$256.4	\$266.1	52.7%
Colorado Springs	\$2.2	\$2.2	\$2.3	\$3.0	\$2.7	\$1.9	\$5.2	\$6.2	\$8.7	\$10.3	\$7.9	259.3%
Denver^	\$166.9	\$183.0	\$213.8	\$242.7	\$276.7	\$314.9	\$305.3	\$322.5	\$364.0	\$373.3	\$363.4	117.7%
TOTAL	\$343.3	\$366.9	\$420.4	\$459.9	\$498.4	\$545.8	\$560.9	\$588.4	\$630.3	\$640.0	\$637.4	85.7%

Awards Granted by Funding Source (reported in millions of dollars)

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	Percent Change (1997-2007)
Federal	\$256.2	\$266.9	\$309.9	\$341.7	\$366.4	\$405.0	\$436.4	\$446.0	\$461.0	\$454.9	\$435.7	70.1%
Nonfederal	\$87.1	\$100.0	\$110.5	\$118.2	\$132.0	\$140.8	\$124.5	\$142.4	\$169.3	\$185.1	\$201.7	131.6%
TOTAL	\$343.3	\$366.9	\$420.4	\$459.9	\$498.4	\$545.8	\$560.9	\$588.4	\$630.3	\$640.0	\$637.4	85.7%

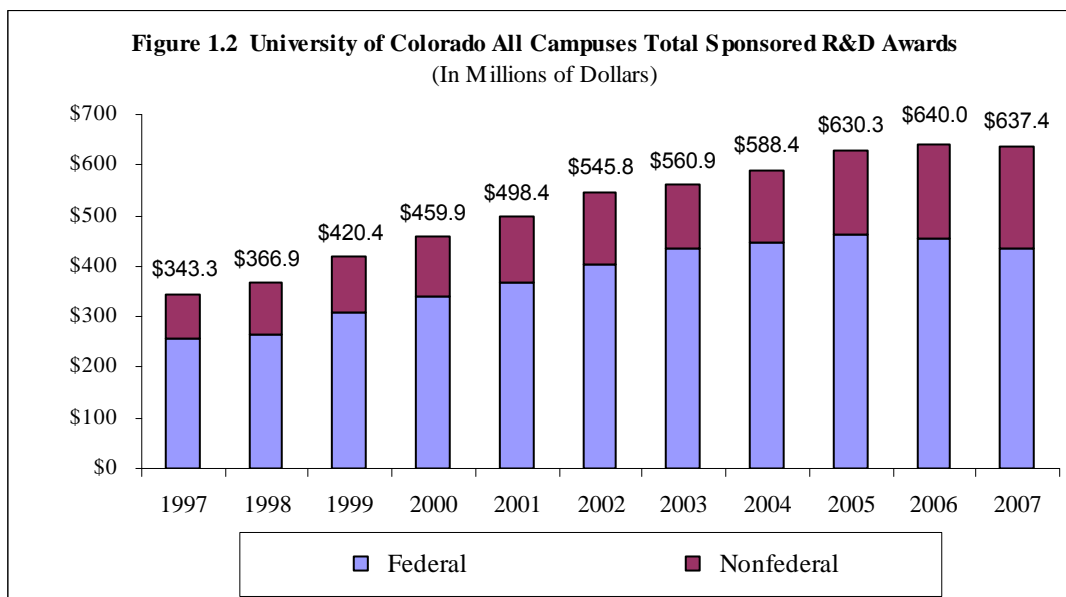
Actual number of Awards Granted

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	Percent Change (1997-2007)
CU All Campuses	2,869	2,957	3,071	3,085	3,308	3,360	3,495	3,416	3,528	3,695	3,728	29.9%

Average Dollars per Award

	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	Percent Change (1997-2007)
CU All Campuses	\$119,658	\$124,078	\$136,894	\$149,076	\$150,665	\$162,440	\$160,486	\$172,248	\$178,656	\$173,207	\$170,980	42.9%

^Historical data for UCD and UCHSC combined to reflect the consolidated university.



**Table 1.3 University of Colorado at Boulder
6-Year History of Sponsored Research Awards**

ACADEMIC UNIT	2002	2003	2004	2005	2006	2007	% Chg 2002 to 2007
	\$ Amt	\$ Amt	\$ Amt	\$ Amt	\$ Amt	\$ Amt	
Administration and Colleges							
Academic Affairs	\$ 1,860,939	\$ 321,237	\$ 1,150,882	\$ 828,059	\$ 169,488	\$ 400,000	-79%
ATLAS	\$ 389,790	\$ 1,727,001	\$ 424,498	\$ 2,279,018	\$ 526,580	\$ 2,641,718	578%
Continuing Education	\$ -	\$ 180,180	\$ 3,000	\$ 3,000	\$ 19,500	\$ 7,000	...
Leeds School of Business	\$ 2,784,947	\$ 2,230,366	\$ 1,692,494	\$ 1,075,600	\$ 3,100,838	\$ 2,985,768	7%
Library	\$ 23,632	\$ 11,000	\$ 96,430	\$ 1,545	\$ 44,545	\$ 368,579	1460%
School of Education	\$ 6,688,035	\$ 5,378,035	\$ 3,808,121	\$ 4,438,989	\$ 4,908,513	\$ 3,177,376	-52%
School Of Journ & Mass Comm	\$ 20,823	\$ 192,847	\$ 277,999	\$ 236,561	\$ 749,899	\$ 85,140	309%
School of Law	\$ 40,000	\$ -	\$ 8,633	\$ -	\$ 172,022	\$ 80,000	100%
Student Affairs	\$ 3,261,285	\$ 4,087,105	\$ 2,713,719	\$ 3,487,533	\$ 2,812,929	\$ 3,081,294	-6%
Other	\$ 21,450	\$ 193,588	\$ 12,000	\$ 107,500	\$ 38,960	\$ 53,222	148%
Campus Units	\$ 15,090,901	\$ 14,321,359	\$ 10,187,776	\$ 12,457,805	\$ 12,543,274	\$ 12,880,097	-15%
College of Arts & Sciences							
Administration	\$ 51,982	\$ 22,938	\$ 29,975	\$ 7,575	\$ 49,393	\$ 28,154	-46%
Advanced Res & Training, Center for	\$ -	\$ 98,170	\$ 531,406	\$ 236,913	\$ 194,061	\$ 377,539	...
Anthropology	\$ 145,017	\$ 36,495	\$ 128,636	\$ 247,619	\$ 640,469	\$ 184,099	27%
Applied Math Prog.	\$ 2,202,255	\$ 1,805,912	\$ 1,762,501	\$ 1,674,566	\$ 1,739,067	\$ 2,377,881	8%
APS - Astrophysical and Planetary Sci	\$ -	\$ 76,000	\$ 40,500	\$ 84,345	\$ 66,225	\$ 158,733	...
APS - CASA	\$ 6,997,454	\$ 10,646,910	\$ 6,059,411	\$ 4,958,176	\$ 6,084,479	\$ 6,227,370	-11%
Asian Studies, Center for	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,831,802	...
Chemistry & Biochemistry	\$ 10,502,829	\$ 12,241,926	\$ 16,225,198	\$ 12,675,717	\$ 10,278,436	\$ 11,805,323	12%
East Asian Languages & Civilization	\$ 1,992,035	\$ 1,472,295	\$ 2,467,717	\$ 1,303,010	\$ 1,345,000	\$ 155,235	-92%
Ecology & Evolutionary Biology	\$ 1,939,341	\$ 3,082,292	\$ 1,967,973	\$ 1,413,940	\$ 2,199,098	\$ 1,758,314	-9%
Economics	\$ 169,929	\$ 256,220	\$ 401,059	\$ 176,494	\$ 334,175	\$ 36,000	-79%
English	\$ -	\$ 55,953	\$ 40,000	\$ 98,531	\$ -	\$ 50,000	...
Geography	\$ 471,446	\$ 679,172	\$ 679,714	\$ 364,122	\$ 241,041	\$ 530,436	13%
Geological Sciences	\$ 1,014,128	\$ 1,235,921	\$ 1,280,835	\$ 1,040,539	\$ 1,110,200	\$ 1,510,871	49%
History	\$ 22,000	\$ 22,000	\$ 166,500	\$ 172,099	\$ 42,000	\$ 73,500	234%
Integrated Plasma Studies, Center for (CIPS)	\$ 1,399,938	\$ 1,839,998	\$ 1,282,614	\$ 1,279,811	\$ 1,662,933	\$ 1,231,556	-12%
Integrative Physiology	\$ 4,167,046	\$ 3,243,124	\$ 6,611,768	\$ 4,627,958	\$ 5,257,356	\$ 5,140,777	23%
Linguistics	\$ 980,538	\$ 881,610	\$ 222,750	\$ 561,162	\$ 7,451	\$ 450,000	-54%
Mathematics	\$ 323,351	\$ 295,664	\$ 144,117	\$ 109,071	\$ 74,253	\$ 354,714	10%
MCD Biology	\$ 9,949,656	\$ 15,240,130	\$ 16,170,965	\$ 11,091,640	\$ 13,518,798	\$ 13,998,434	41%
Physics	\$ 7,991,894	\$ 7,697,412	\$ 8,078,837	\$ 8,190,715	\$ 7,496,427	\$ 8,087,501	1%
Political Science	\$ 124,735	\$ 81,719	\$ 8,400	\$ 130,000	\$ 211,450	\$ 318,360	155%
Prog. Atmos/Oceanic Science	\$ 3,506,350	\$ 1,489,801	\$ 803,946	\$ 610,221	\$ 544,148	\$ 475,706	-86%
Psychology	\$ 5,331,298	\$ 6,115,365	\$ 8,040,311	\$ 8,672,752	\$ 9,684,987	\$ 9,301,199	74%
Speech/Lang/Hearing Sci.	\$ 1,524,997	\$ 2,792,971	\$ 2,488,469	\$ 1,962,541	\$ 1,838,115	\$ 1,451,514	-5%
Other	\$ 492,533	\$ 299,864	\$ 254,866	\$ 199,210	\$ 293,530	\$ 66,910	-86%
College A & S	\$ 61,300,752	\$ 71,709,862	\$ 75,888,468	\$ 61,888,727	\$ 64,913,092	\$ 67,981,928	11%
College Engin & Applied Science							
Aerospace Engineering Sciences	\$ 9,892,418	\$ 11,025,500	\$ 14,591,946	\$ 11,110,137	\$ 9,280,807	\$ 7,267,148	-27%
Chemical & Biological Engineering	\$ 4,907,672	\$ 6,846,118	\$ 6,417,201	\$ 7,660,882	\$ 5,868,664	\$ 8,670,080	77%
Civil, Environmental & Arch Engineering	\$ 6,213,126	\$ 5,189,738	\$ 5,681,932	\$ 4,605,876	\$ 4,350,471	\$ 4,258,045	-31%
Computer Science	\$ 7,301,924	\$ 5,790,865	\$ 4,720,827	\$ 5,162,224	\$ 4,982,735	\$ 4,582,132	-37%
Electrical & Computer Engineering	\$ 4,443,713	\$ 2,726,230	\$ 4,734,379	\$ 4,679,664	\$ 4,783,158	\$ 7,806,549	76%
Mechanical Engineering	\$ 3,949,243	\$ 3,695,655	\$ 3,970,403	\$ 4,119,919	\$ 4,246,531	\$ 6,261,760	59%
Administration	\$ 56,000	\$ 64,000	\$ 35,000	\$ 19,000	\$ -	\$ 19,000	-66%
BP Center for Visualization	\$ 120,000	\$ 179,975	\$ 554,896	\$ 363,975	\$ 199,975	\$ -	-100%
Colorado Space Grant Consortium	\$ 831,000	\$ 746,807	\$ 872,559	\$ 746,969	\$ 441,211	\$ 761,659	-8%
Integrated Teaching & Learning Lab (ITLL)	\$ 739,611	\$ 797,958	\$ 634,403	\$ 502,590	\$ 621,339	\$ 672,112	-9%
Interdisc. Telecom. Program	\$ 255,991	\$ 446,337	\$ 590,058	\$ 120,000	\$ -	\$ -	-100%
College of Engineering Subtotal	\$ 38,710,698	\$ 37,509,183	\$ 42,803,604	\$ 39,091,236	\$ 34,774,891	\$ 40,298,485	4%
Graduate School & Research Institutes							
Graduate School	\$ 3,223,045	\$ 2,977,099	\$ 3,564,249	\$ 1,882,819	\$ 4,032,443	\$ 855,840	-73%
Museum	\$ 590,686	\$ 556,926	\$ 435,857	\$ 1,009,328	\$ 406,372	\$ 373,042	-37%
Humanities and the Arts, Center for	\$ 13,400	\$ 10,000	\$ 10,000	\$ -	\$ -	\$ -	-100%
Limb Atmospheric Sounding, Center for	\$ 3,492,425	\$ 6,155,250	\$ 3,976,000	\$ 5,380,748	\$ 4,002,587	\$ 2,441,598	-30%
Coop Inst. For Res in Environmental Sci	\$ 35,978,716	\$ 39,276,732	\$ 40,274,272	\$ 41,040,700	\$ 40,399,893	\$ 47,783,156	33%
Institute for Behavioral Genetics	\$ 9,963,505	\$ 10,590,359	\$ 11,738,638	\$ 10,925,336	\$ 12,457,152	\$ 9,063,612	-9%
Institute of Arctic & Alpine Research	\$ 5,543,000	\$ 5,084,304	\$ 6,319,738	\$ 5,095,592	\$ 5,669,779	\$ 4,671,963	-16%
Institute of Behavioral Sciences	\$ 10,374,881	\$ 5,784,815	\$ 5,078,080	\$ 5,707,771	\$ 7,748,380	\$ 8,680,107	-16%
Institute of Cognitive Science	\$ 4,399,116	\$ 4,865,586	\$ 4,274,322	\$ 6,159,007	\$ 3,744,484	\$ 5,028,329	14%
JILA	\$ 16,049,326	\$ 18,987,532	\$ 13,765,277	\$ 17,507,277	\$ 22,908,958	\$ 17,405,857	8%
Lab for Atmospheric & Space Physics	\$ 24,311,139	\$ 32,607,103	\$ 41,372,440	\$ 49,453,649	\$ 42,851,606	\$ 48,624,543	100%
Subtotal Graduate School	\$ 113,939,239	\$ 126,895,706	\$ 130,808,873	\$ 144,162,227	\$ 144,221,654	\$ 144,928,047	27%
CAMPUS TOTALS	\$ 229,041,590	\$ 250,436,110	\$ 259,688,721	\$ 257,599,995	\$ 256,452,911	\$ 266,088,557	16%

Source: CU-Boulder Office of Contracts and Grants

**Table 1.4 University of Colorado at Colorado Springs
6-Year History of Sponsored Research Awards**

Academic Unit	2002	2003	2004	2005	2006	2007	Percent Change 2002 to 2007
	\$ Amt	\$ Amt	\$ Amt	\$ Amt	\$ Amt	\$ Amt	
VCAA	\$ -	\$ 2,594,547	\$ 3,195,560	\$ 1,260,014	\$ 4,844,177	\$ 1,083,981	...
VCSS	\$ -	\$ 207,052	\$ 118,768	\$ 165,536	\$ 99,619	\$ 84,693	...
VCAF	\$ -	\$ -	\$ -	\$ -	\$ 20,000	\$ -	...
College of Business	\$ -	\$ 121,500	\$ 222,874	\$ 86,120	\$ 277,051	\$ 130,425	...
Engineering & Applied Science	\$ 654,793	\$ 173,622	\$ 337,687	\$ 5,139,644	\$ 965,452	\$ 2,117,779	223%
Letters, Arts & Sciences	\$ 1,191,035	\$ 1,513,321	\$ 1,094,663	\$ 1,390,115	\$ 2,916,228	\$ 2,455,399	106%
Education	\$ 16,500	\$ 569,106	\$ 1,066,246	\$ 258,513	\$ 939,245	\$ 1,529,594	9170%
Theatre	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	...
GSPA	\$ -	\$ -	\$ -	\$ -	\$ 11,877	\$ 35,498	...
Joint Depts/Other	\$ -	\$ -	\$ -	\$ 294,948	\$ -	\$ -	...
Library	\$ 3,096	\$ -	\$ -	\$ -	\$ -	\$ -	-100%
BethEl	\$ 40,000	\$ 61,693	\$ 218,263	\$ 110,600	\$ 209,810	\$ 467,299	1068%
Campus Totals	\$ 1,905,424	\$ 5,240,841	\$ 6,254,061	\$ 8,705,490	\$ 10,283,459	\$ 7,904,668	315%

Source: CU-Colorado Springs Office of Sponsored Programs

**Table 1.5 University of Colorado Denver
6-Year History of Sponsored Research Awards**

Academic Unit	2002	2003	2004	2005	2006	2007	Percent Change 2002 to 2007
	\$ Amt	\$ Amt	\$ Amt	\$ Amt	\$ Amt	\$ Amt	
Office of the Chancellor	\$ 18,270,000	\$ 6,320,000	\$ 8,975,496	\$ 773,482	\$ 3,952,871	\$ 1,758,698	-90%
Academic and Student Affairs/Chancellor	\$ 6,309,751	\$ 5,033,402	\$ 4,234,256	\$ 5,757,133	\$ 5,098,978	\$ 6,117,663	-3%
Financial Services	\$ -	\$ -	\$ -	\$ 68,893	\$ -	\$ -	...
Library	\$ 11,514	\$ -	\$ -	\$ 4,616	\$ 3,484	\$ -	-100%
College of Architecture and Planning	\$ 184,611	\$ 110,484	\$ 401,431	\$ 691,338	\$ 953,580	\$ 842,421	356%
College of Arts and Media	\$ 309,010	\$ -	\$ -	\$ 50,000	\$ 25,000	\$ 118,118	-62%
The Business School	\$ 754,539	\$ 104,843	\$ 3,464,148	\$ 793,528	\$ 61,595	\$ -	-100%
School of Education and Human Development	\$ 6,114,229	\$ 6,656,807	\$ 9,496,460	\$ 4,650,286	\$ 8,155,109	\$ 4,809,094	-21%
College of Engineering and Applied Science	\$ 1,646,290	\$ 709,473	\$ 1,295,613	\$ 952,261	\$ 1,062,592	\$ 1,276,757	-22%
College of Liberal Arts and Sciences	\$ 3,214,339	\$ 4,200,729	\$ 2,602,766	\$ 4,417,341	\$ 5,965,599	\$ 5,303,258	65%
School of Public Affairs	\$ 1,771,148	\$ 2,289,277	\$ 1,203,801	\$ 1,179,496	\$ 2,152,159	\$ 1,343,077	-24%
School of Medicine	\$ 228,110,000	\$ 243,350,000	\$ 234,820,378	\$ 274,755,805	\$ 263,539,705	\$ 266,941,770	17%
Dean, School of Medicine	\$ 12,600,000	\$ -	\$ 7,188,306	\$ 13,912,160	\$ 10,957,744	\$ 11,210,503	-11%
Anesthesiology	\$ 1,590,000	\$ 2,650,000	\$ 1,625,092	\$ 3,422,358	\$ 2,667,203	\$ 2,903,432	83%
Biochem/Biophysics/Gen.	\$ 1,360,000	\$ 7,310,000	\$ 6,344,284	\$ 9,080,738	\$ 7,811,588	\$ 5,760,517	324%
Cellular & Structural Bio.	\$ 9,880,000	\$ 4,940,000	\$ 4,988,506	\$ 6,496,344	\$ 3,589,431	\$ 5,103,276	-48%
Dermatology	\$ -	\$ 1,120,000	\$ 1,272,404	\$ 1,437,452	\$ 2,155,363	\$ 1,432,312	...
Family Medicine	\$ 4,160,000	\$ 2,840,000	\$ 3,534,199	\$ 2,994,586	\$ 4,049,207	\$ 3,657,185	-12%
Human Medical Genetics Program	\$ -	\$ -	\$ -	\$ -	\$ 831,452	\$ 480,191	...
Immunology	\$ 1,970,000	\$ 4,640,000	\$ 5,093,720	\$ 5,333,029	\$ 3,862,464	\$ 3,499,599	78%
Medicine	\$ 60,130,000	\$ 69,250,000	\$ 70,691,175	\$ 74,013,521	\$ 84,542,799	\$ 82,094,485	37%
Microbiology	\$ 4,480,000	\$ 4,120,000	\$ 6,661,196	\$ 6,973,238	\$ 6,853,493	\$ 8,142,172	82%
Neurology	\$ 4,140,000	\$ 4,090,000	\$ 5,230,625	\$ 5,733,228	\$ 4,583,182	\$ 6,787,721	64%
Neuro Surgery	\$ -	\$ -	\$ 1,078,040	\$ -	\$ 1,789,489	\$ 107,233	...
Obstetrics/Gynecology	\$ 1,720,000	\$ 1,630,000	\$ 2,393,278	\$ 2,649,457	\$ 1,779,848	\$ 3,360,843	95%
Ophthalmology	\$ -	\$ -	\$ 588,852	\$ -	\$ 286,560	\$ 161,105	...
Orthopedics	\$ -	\$ -	\$ 502,079	\$ -	\$ 1,060,757	\$ 1,932,663	...
Otolaryngology	\$ -	\$ -	\$ 480,602	\$ 2,882,260	\$ 446,582	\$ 1,177,372	...
Pathology	\$ 5,430,000	\$ 6,940,000	\$ 6,482,002	\$ 5,116,099	\$ 3,881,583	\$ 6,411,595	18%
Pediatrics	\$ 33,730,000	\$ 40,730,000	\$ 40,330,094	\$ 46,010,782	\$ 40,640,768	\$ 45,783,367	36%
Pharmacology	\$ 12,700,000	\$ 13,090,000	\$ 12,473,645	\$ 15,525,182	\$ 12,126,409	\$ 12,910,422	2%
Physiology	\$ 4,530,000	\$ 4,750,000	\$ 3,690,214	\$ 4,040,773	\$ 5,154,521	\$ 5,368,579	19%
Preventive Medicine	\$ 9,940,000	\$ 11,680,000	\$ 10,333,790	\$ 9,861,476	\$ 10,598,553	\$ 7,588,994	-24%
Psychiatry	\$ 43,130,000	\$ 29,940,000	\$ 35,899,028	\$ 43,097,186	\$ 39,958,156	\$ 41,227,078	-4%
Radiation Oncology	\$ -	\$ -	\$ 551,104	\$ -	\$ 260,599	\$ 685,467	...
Radiology	\$ 2,840,000	\$ 1,110,000	\$ 1,048,489	\$ 1,049,187	\$ 2,150,950	\$ 334,037	-88%
Rehabilitation Medicine	\$ -	\$ 1,600,000	\$ 2,366,410	\$ 3,384,402	\$ 4,338,292	\$ 3,236,939	...
Surgery	\$ 4,070,000	\$ 3,200,000	\$ 3,194,442	\$ 6,366,362	\$ 7,162,712	\$ 5,584,683	37%
Other	\$ 9,710,000	\$ 27,720,000	\$ 778,802	\$ 5,375,985	\$ -	\$ -	-100%
SOM Institutes and Centers	\$ 23,480,000	\$ 15,740,000	\$ 35,640,602	\$ 42,171,675	\$ 56,490,667	\$ 56,598,172	141%
School of Dentistry	\$ 5,160,000	\$ 5,300,000	\$ 3,826,599	\$ 6,215,997	\$ 4,303,784	\$ 2,843,824	-45%
School of Nursing	\$ 6,320,000	\$ 5,830,000	\$ 4,484,223	\$ 3,467,342	\$ 3,016,969	\$ 2,515,059	-60%
School of Pharmacy	\$ 13,290,000	\$ 9,580,000	\$ 12,059,814	\$ 18,044,657	\$ 18,518,592	\$ 12,953,231	-3%
CAMPUS TOTALS	\$ 314,945,431	\$ 305,225,015	\$ 322,505,587	\$ 363,993,850	\$ 373,300,684	\$ 363,421,142	15%

Source: UC Denver Office of Contacts and Grants

Section II

Fiscal 2006 Research & Development Expenditures

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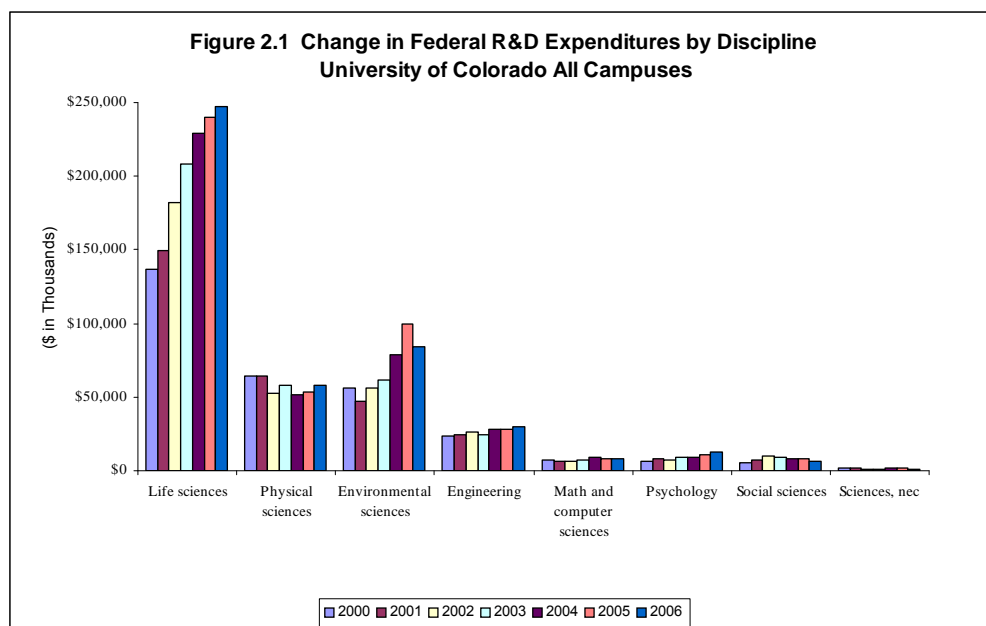
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as reported to the National Science Foundation (NSF)
[Dollars in Thousands]
Annual Percent Change by Funding Source and Receiving Discipline
NSF Ranking for FY 2004, 2005, 2006 among Public Colleges and Universities

TOTAL	2004			NSF	2005			NSF	2006			NSF
By Source	2003	\$	% Chg	Rank	\$	% Chg	Rank	\$	% Chg	Rank		
Total R&D Expenditures	\$ 436,761	\$482,992	11%	13	\$517,067	7%	14	\$512,794	-1%	15		
Federal R&D Expenditures	\$ 377,941	\$414,986	10%	7	\$449,366	8%	6	\$448,350	0%	7		
Federal as a % of Total	87%	86%			87%			87%				

TOTAL	2004			NSF	2005			NSF	2006			NSF
By Discipline	2003	\$	% Chg	Rank	\$	% Chg	Rank	\$	% Chg	Rank		
Environmental sciences	\$ 65,638	\$86,142	31%	2	\$106,955	24%	2	\$90,831	-15%	3		
Life sciences	\$ 247,305	\$272,329	10%	17	\$282,598	4%	17	\$287,983	2%	17		
Math and computer sciences	\$ 8,077	\$10,151	26%	36	\$9,643	-5%	36	\$9,902	3%	42		
Physical sciences	\$ 62,588	\$57,472	-8%	6	\$58,784	2%	6	\$63,594	8%	5		
Psychology	\$ 9,560	\$9,908	4%	16	\$11,799	19%	13	\$14,041	19%	6		
Social sciences	\$ 11,195	\$9,923	-11%	39	\$10,031	1%	41	\$8,288	-17%	42		
Sciences, nec	\$ 1,202	\$1,738	45%	60	\$1,821	5%	63	\$1,434	-21%	71		
Engineering	\$ 31,196	\$35,329	13%	34	\$35,436	0%	35	\$36,721	4%	36		
TOTAL	\$ 436,761	\$482,992			\$517,067			\$512,794				

FEDERAL	2004			NSF	2005			NSF	2006			NSF
By Discipline	2003	\$	% Chg	Rank	\$	% Chg	Rank	\$	% Chg	Rank		
Environmental sciences	\$ 61,328	\$79,182	29%	2	\$99,455	26%	1	\$84,416	-15%	1		
Life sciences	\$ 208,648	\$228,915	10%	10	\$240,405	5%	10	\$247,689	3%	10		
Math and computer sciences	\$ 7,113	\$8,782	23%	23	\$8,363	-5%	26	\$8,597	3%	23		
Physical sciences	\$ 57,555	\$51,571	-10%	4	\$53,077	3%	4	\$57,838	9%	4		
Psychology	\$ 8,621	\$8,629	0%	9	\$10,561	22%	4	\$12,433	18%	3		
Social sciences	\$ 9,134	\$7,919	-13%	16	\$8,194	3%	12	\$6,497	-21%	19		
Sciences, nec	\$ 1,066	\$1,506	41%	27	\$1,598	6%	36	\$1,336	-16%	43		
Engineering	\$ 24,476	\$28,482	16%	24	\$27,713	-3%	24	\$29,544	7%	25		
TOTAL FEDERAL	\$ 377,941	\$414,986			\$449,366			\$448,350				

Source: National Science Foundation (NSF) fiscal years 2003 through 2006 Survey of Research and Development Expenditures at Universities and Colleges.



Section III

Fiscal 2006 University of Colorado All Campuses Research & Development Expenditures as reported to and ranked by the National Science Foundation

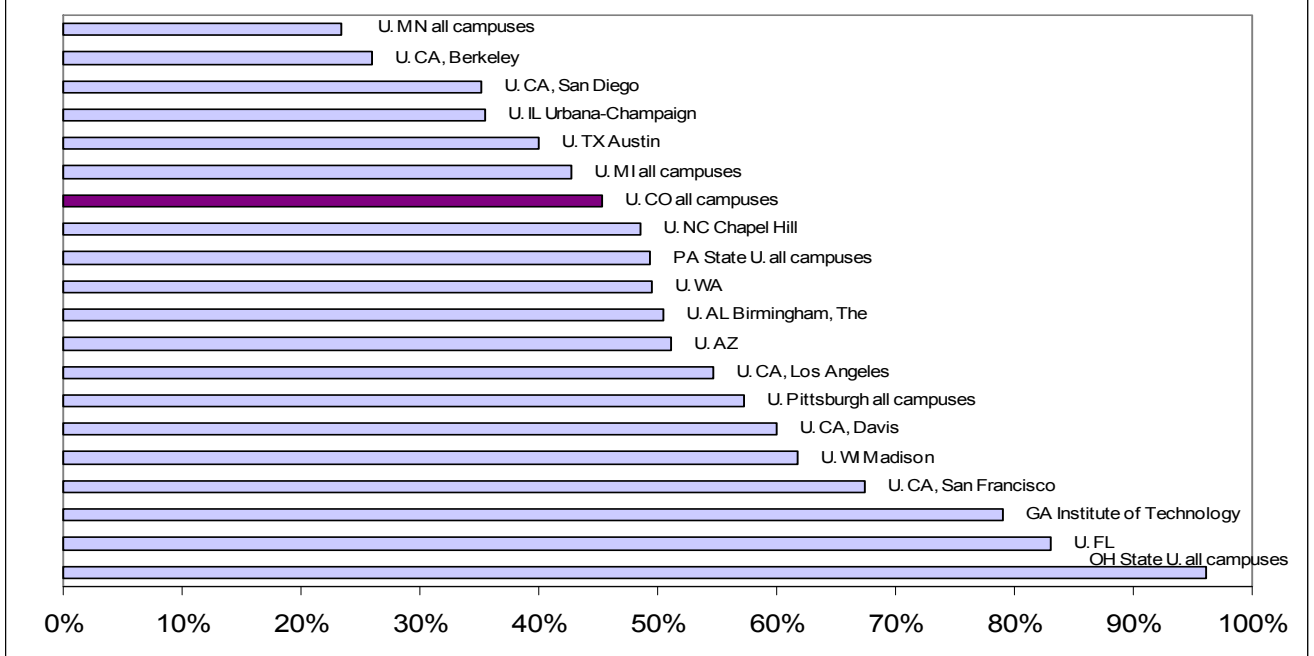
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**Table 3.1 Federal R&D Expenditures, Public Universities and Colleges
Top 20 Based on 2006 Rankings**
[Dollars in Thousands]

INSTITUTION	Rank		\$\$		5-yr % Change
	2006	2001	2006	2001	
U. WA	1	1	\$650,394	\$435,103	49%
U. MI all campuses	2	2	\$565,739	\$396,117	43%
U. WI Madison	3	6	\$491,810	\$304,009	62%
U. CA, Los Angeles	4	4	\$483,873	\$312,858	55%
U. CA, San Francisco	5	7	\$464,660	\$277,489	67%
U. CA, San Diego	6	3	\$463,807	\$343,276	35%
U. CO all campuses	7	5	\$448,350	\$308,643	45%
U. Pittsburgh all campuses	8	8	\$422,316	\$268,571	57%
PA State U. all campuses	9	10	\$367,215	\$245,951	49%
U. NC Chapel Hill	10	11	\$329,215	\$221,615	49%
U. MN all campuses	11	9	\$326,170	\$264,289	23%
OH State U. all campuses	12	17	\$315,914	\$161,092	96%
U. AZ	13	13	\$301,619	\$199,484	51%
U. AL Birmingham, The	14	16	\$292,962	\$194,625	51%
U. TX Austin	15	15	\$273,147	\$195,184	40%
U. IL Urbana-Champaign	16	14	\$264,645	\$195,316	36%
U. CA, Berkeley	17	12	\$261,718	\$208,080	34%
GA Institute of Technology (All)	18	22	\$257,751	\$143,836	24%
U. FL	19	23	\$248,322	\$139,744	73%
U. CA, Davis	20	19	\$248,190	\$154,937	78%

**Figure 3.1 Five-Year Percent Change in Federal R&D Expenditures
Top 20 Public Universities and Colleges for FY 2006**



Source: National Science Foundation, Division of Science Resources Statistics. 2007. *Academic Research and Development Expenditures: Fiscal Year 2006*. NSF 08-300. Ronda Britt, project officer.

**Table 3.2 Federally Financed R&D Expenditures at Public Universities and Colleges
Top 20 Ranked by Science and Engineering Field, FY 2006
(includes only institutions among Top 150 in total federal R&D expenditures)
[Dollars in Thousands]**

Overall			Environmental Sciences		
<i>Rank</i>	<i>Institution</i>	<i>\$</i>	<i>Rank</i>	<i>Institution</i>	<i>\$</i>
1	U. WA	\$650,394	1	U. CO all campuses	\$84,416
2	U. MI all campuses	\$565,739	2	U. WA	\$80,943
3	U. WI Madison	\$491,810	3	U. CA, San Diego	\$72,956
4	U. CA, Los Angeles	\$483,873	4	U. WI Madison	\$70,513
5	U. CA, San Francisco	\$464,660	5	CO State U.	\$69,441
6	U. CA, San Diego	\$463,807	6	U. AK Fairbanks all campuses	\$54,550
7	U. CO all campuses	\$448,350	7	U. NH	\$51,335
8	U. Pittsburgh all campuses	\$422,316	8	U. HI Manoa	\$49,973
9	PA State U. all campuses	\$367,215	9	TX A&M U. all campuses	\$44,817
10	U. NC Chapel Hill	\$329,215	10	OR State U.	\$35,201
11	U. MN all campuses	\$326,170	11	Desert Research Institute	\$27,838
12	OH State U. all campuses	\$315,914	12	PA State U. all campuses	\$26,000
13	U. AZ	\$301,619	13	U. South FL	\$20,657
14	U. AL Birmingham, The	\$292,962	14	U. RI	\$20,220
15	U. TX Austin	\$273,147	15	U. MD Baltimore County	\$19,163
16	U. IL Urbana-Champaign	\$264,645	16	U. IL Urbana-Champaign	\$19,022
17	U. CA, Berkeley	\$261,718	17	U. SC all campuses	\$17,948
18	GA Institute of Technology (All)	\$257,751	18	C. of William and Mary (All)	\$17,625
19	U. FL	\$248,322	19	FL State U.	\$16,035
20	U. CA, Davis	\$248,190	20	U. NV, Las Vegas	\$15,989
Psychology			Physical Sciences		
<i>Rank</i>	<i>Institution</i>	<i>\$</i>	<i>Rank</i>	<i>Institution</i>	<i>\$</i>
1	U. WI Madison	\$24,208	1	U. AZ	\$89,270
2	PA State U. all campuses	\$14,108	2	U. CA, Berkeley	\$76,542
3	U. CO all campuses	\$12,433	3	U. TX Austin	\$60,258
4	U. CT all campuses	\$11,849	4	U. CO all campuses	\$57,838
5	U. MI all campuses	\$10,451	5	U. CA, Los Angeles	\$45,676
6	U. WA	\$9,929	6	U. MD College Park	\$42,273
7	IN U. all campuses	\$9,415	7	U. WI Madison	\$39,819
8	U. SC all campuses	\$9,411	8	PA State U. all campuses	\$39,700
9	U. IL Urbana-Champaign	\$9,115	9	U. IL Urbana-Champaign	\$38,668
10	FL State U.	\$9,042	10	MI State U.	\$36,304
11	U. CA, Los Angeles	\$9,035	11	U. CA, San Diego	\$36,137
12	AZ State U. main campus	\$8,907	12	U. HI Manoa	\$32,393
13	U. NM all campuses	\$8,810	13	FL State U.	\$28,571
14	San Jose State U.	\$8,471	14	U. WA	\$28,350
15	U. MN all campuses	\$8,192	15	U. MI all campuses	\$28,068
16	U. TX Austin	\$8,141	16	U. FL	\$24,585
17	GA State U.	\$7,902	17	Rutgers, The State U. NJ (All)	\$24,322
18	U. FL	\$7,214	18	U. CA, Santa Barbara	\$21,141
19	U. OR	\$7,104	19	U. MN all campuses	\$20,712
20	U. IA	\$7,097	20	U. CA, Irvine	\$20,070

**Table 3.2 (cont.) Federally Financed R&D Expenditures at Public Universities and Colleges
Top 20 Ranked by Science and Engineering Field, FY 2006
(includes only institutions among Top 150 in total federal R&D expenditures)
[Dollars in Thousands]**

Life Sciences			Social Sciences		
Rank	Institution	\$	Rank	Institution	\$
1	U. WA	\$ 459,070	1	U. MI all campuses	\$53,336
2	U. CA, San Francisco	\$ 444,698	2	U. MD College Park	\$48,459
3	U. Pittsburgh all campuses	\$ 367,021	3	OH State U. all campuses	\$26,644
4	U. CA, Los Angeles	\$ 364,636	4	U. WI Madison	\$21,273
5	U. MI all campuses	\$ 350,492	5	U. NC Chapel Hill	\$17,340
6	U. AL Birmingham, The	\$ 275,441	6	MI State U.	\$13,127
7	U. NC Chapel Hill	\$ 263,026	7	U. TX Austin	\$12,565
8	U. CA, San Diego	\$ 260,853	8	IA State U.	\$12,074
9	U. WI Madison	\$ 260,761	9	U. AZ	\$11,139
10	U. CO all campuses	\$ 247,689	10	U. MN all campuses	\$9,952
11	U. MN all campuses	\$ 237,882	11	PA State U. all campuses	\$9,787
12	OR Health & Science U.	\$ 209,517	12	U. CA, Berkeley	\$8,019
13	U. TX SW Medical Ctr. Dallas	\$ 196,621	13	AZ State U. main campus	\$8,016
14	U. CA, Davis	\$ 191,690	14	IN U. all campuses	\$7,467
15	OH State U. all campuses	\$ 187,241	15	FL State U.	\$6,770
16	U. MD Baltimore	\$ 186,160	16	ND State U. all campuses	\$6,641
17	U. Cincinnati all campuses	\$ 183,113	17	U. CA, Los Angeles	\$6,507
18	U. IA	\$ 178,554	18	U. WA	\$6,500
19	U. IL Chicago	\$ 166,255	19	U. CO all campuses	\$6,497
20	U. TX M.D. Anderson Cancer Ctr.	\$ 159,072	20	U. KS all campuses	\$5,930
Math & Computer Science			Engineering		
Rank	Institution	\$	Rank	Institution	\$
1	U. IL Urbana-Champaign	\$58,080	1	GA Institute of Technology (All)	\$180,755
2	U. TX Austin	\$46,313	2	PA State U. all campuses	\$149,236
3	U. CA, San Diego	\$45,783	3	U. MI all campuses	\$106,816
4	GA Institute of Technology (All)	\$33,019	4	U. TX Austin	\$93,513
5	PA State U. all campuses	\$31,201	5	U. IL Urbana-Champaign	\$71,447
6	U. MD College Park	\$25,147	6	U. WI Madison	\$59,398
7	OH State U. all campuses	\$23,055	7	U. WA	\$59,319
8	U. HI Manoa	\$21,057	8	U. CA, Berkeley	\$56,280
9	U. CA, Los Angeles	\$17,528	9	TX A&M U. all campuses	\$56,189
10	U. WI Madison	\$15,838	10	U. MD College Park	\$54,277
11	U. MN all campuses	\$15,707	11	UT State U.	\$51,990
12	OR Health & Science U.	\$13,687	12	VA Polytech Inst&State U.	\$50,769
13	U. UT	\$12,488	13	U. CA, Santa Barbara	\$48,695
14	TX A&M U. all campuses	\$12,063	14	Purdue U. all campuses	\$47,901
15	U. NC Chapel Hill	\$11,156	15	U. FL	\$46,049
16	U. MA Amherst	\$10,495	16	NC State U.	\$45,609
17	NC State U.	\$9,998	17	OH State U. all campuses	\$44,879
18	Rutgers, The State U. NJ (All)	\$9,916	18	U. CA, San Diego	\$36,983
19	George Mason U.	\$9,275	19	AZ State U. main campus	\$32,424
20	U. CA, Santa Barbara	\$9,187	20	U. DE	\$31,145
↓			↓		
23	U. CO all campuses	\$8,597	25	U. CO all campuses	\$29,544

Source: National Science Foundation, Division of Science Resources Statistics. 2007. *Academic Research and Development Expenditures: Fiscal Year 2006*. NSF 08-300. Ronda Britt, project officer.

Table 3.3 Total R&D Expenditures by Source
FY 2006 Top 100 Public Universities and Colleges
Ranked by FY 2006 % of Total from Industry
[Dollars in Thousands]

The University of Colorado receives 2.2% of its research funding from industry, ranking 78th among public colleges and universities

	Industry		Federal		State		Institutional		Total
	Dollars	% of Total	Dollars	% of Total	Dollars	% of Total	Dollars	% of Total	
U. Central FL	17,699	16.4%	37,974	35.2%	17,528	16.2%	34,795	32.2%	107,996
OH State U. all campuses	106,252	16.3%	315,914	48.4%	97,823	15.0%	103,381	15.8%	652,329
PA State U. all campuses	89,170	13.8%	367,215	57.0%	69,552	10.8%	117,119	18.2%	644,182
NC State U.	41,959	12.7%	131,262	39.7%	86,543	26.2%	67,784	20.5%	330,936
NM State U. all campuses	21,214	12.6%	55,801	33.0%	18,592	11.0%	63,740	37.7%	169,029
U. South FL	35,425	12.4%	153,737	53.8%	29,081	10.2%	67,698	23.7%	285,941
Purdue U. all campuses	45,549	12.2%	157,438	42.2%	53,485	14.3%	114,647	30.7%	372,958
GA Institute of Technology all campuses	37,279	8.5%	257,751	58.5%	12,323	2.8%	128,676	29.2%	440,898
U. MD Baltimore	33,772	8.3%	186,160	45.9%	27,634	6.8%	111,416	27.5%	405,260
NJ Institute of Technology	6,420	8.3%	35,489	45.7%	5,600	7.2%	25,718	33.1%	77,583
U. CA, Santa Barbara	13,918	8.0%	106,169	60.9%	2,830	1.6%	29,634	17.0%	174,429
U. TN all campuses	19,857	8.0%	113,559	45.6%	55,503	22.3%	43,170	17.3%	249,067
U. TX Austin	32,637	7.6%	273,147	63.3%	24,087	5.6%	78,412	18.2%	431,398
U. AR main campus	7,299	7.4%	31,926	32.2%	38,252	38.5%	15,699	15.8%	99,271
U. WA	56,765	7.3%	650,394	83.6%	8,969	1.2%	43,388	5.6%	778,148
TX A&M U. System Health Science Ctr.	5,467	7.2%	35,214	46.3%	1,502	2.0%	21,321	28.0%	76,109
U. of Medicine and Dentistry NJ	17,085	7.0%	140,923	57.3%	12,061	4.9%	51,476	20.9%	245,771
VA Commonwealth U.	10,282	6.9%	97,576	65.4%	2,580	1.7%	33,254	22.3%	149,256
Medical U. SC	12,093	6.9%	104,057	59.1%	936	0.5%	56,345	32.0%	176,055
TX A&M U. all campuses	33,613	6.8%	206,242	41.8%	115,623	23.5%	127,042	25.8%	492,955
Clemson U.	12,185	6.8%	56,268	31.3%	29,297	16.3%	78,918	43.9%	179,840
Temple U.	5,210	6.5%	50,904	63.8%	5,125	6.4%	11,632	14.6%	79,736
U. AK Fairbanks all campuses	10,019	6.5%	98,330	64.1%	1,300	0.8%	43,821	28.6%	153,470
U. VT	7,874	6.5%	82,519	67.7%	5,679	4.7%	18,806	15.4%	121,841
SUNY Buffalo all campuses	18,408	6.2%	153,152	51.4%	12,197	4.1%	81,740	27.4%	297,909
U. TX M. D. Anderson Cancer Ctr.	28,020	6.1%	182,028	39.8%	121,682	26.6%	76,287	16.7%	457,696
U. AZ	32,576	6.1%	301,619	56.3%	10,016	1.9%	143,701	26.8%	535,847
SUNY Albany	16,093	5.9%	103,835	37.8%	62,205	22.7%	75,668	27.6%	274,354
AZ State U. main campus	11,843	5.9%	109,893	54.4%	14,772	7.3%	61,204	30.3%	201,955
U. Houston	4,425	5.8%	38,559	51.0%	7,641	10.1%	22,825	30.2%	75,662
U. FL	32,942	5.8%	248,322	43.9%	90,945	16.1%	164,085	29.0%	565,491
U. IA	18,893	5.5%	216,521	62.5%	9,851	2.8%	91,020	26.3%	346,357
CO State U.	13,852	5.5%	182,648	71.9%	15,170	6.0%	35,877	14.1%	253,992
U. CA, Irvine	16,224	5.4%	169,983	56.6%	9,862	3.3%	64,683	21.5%	300,229
U. OK all campuses	9,490	5.3%	90,880	50.9%	12,507	7.0%	52,390	29.3%	178,719
U. CA, San Diego	39,825	5.3%	463,807	61.5%	25,758	3.4%	124,987	16.6%	754,766
U. NH	5,818	5.1%	86,416	75.1%	4,832	4.2%	14,602	12.7%	115,117
U. TX Health Science Ctr. San Antonio	7,552	5.0%	95,110	63.4%	7,694	5.1%	27,959	18.6%	150,040
U. HI Manoa	12,540	5.0%	202,419	81.1%	8,788	3.5%	25,888	10.4%	249,635
VA Polytechnic Institute and State U.	15,911	4.9%	119,994	37.3%	93,316	29.0%	76,918	23.9%	321,722
U. MA Worcester	9,465	4.9%	136,141	71.0%	35,242	18.4%	2,377	1.2%	191,659
U. TX Health Science Ctr. Houston	8,622	4.9%	122,870	70.1%	14,854	8.5%	13,081	7.5%	175,154
IA State U.	10,845	4.9%	104,553	47.1%	40,323	18.2%	61,547	27.7%	221,998
U. CA, Davis	26,221	4.6%	248,190	43.3%	44,982	7.9%	192,843	33.7%	573,002

Table 3.3 Continued - Total R&D Expenditures by Source
FY 2006 Top 100 Public Universities and Colleges
Ranked by FY 2006 % of Total from Industry
[Dollars in Thousands]

	Industry		Federal		State		Institutional		Total
	Dollars	% of Total	Dollars	% of Total	Dollars	% of Total	Dollars	% of Total	Dollars
LA State U. all campuses	15,724	4.6%	126,545	36.8%	85,139	24.8%	90,422	26.3%	343,775
U. CA, Berkeley	24,744	4.5%	261,718	47.9%	36,418	6.7%	146,469	26.8%	546,035
U. TX Southwestern Medical Ctr. Dallas	15,073	4.5%	196,621	59.0%	33,940	10.2%	13,748	4.1%	333,237
OR Health & Science U.	12,206	4.5%	223,204	82.0%	4,862	1.8%	18,496	6.8%	272,174
U. CA, San Francisco	35,621	4.5%	464,660	58.4%	26,804	3.4%	129,527	16.3%	796,149
U. MN all campuses	26,241	4.4%	326,170	54.8%	52,982	8.9%	107,781	18.1%	594,877
U. MA Amherst	5,934	4.4%	69,642	51.2%	5,684	4.2%	45,773	33.6%	136,057
Wayne State U.	9,429	4.3%	118,042	53.5%	14,072	6.4%	63,092	28.6%	220,731
U. NE all campuses	14,161	4.2%	139,113	41.7%	7,288	2.2%	148,575	44.6%	333,243
OK State U. all campuses	4,113	4.1%	37,943	37.8%	25,211	25.1%	32,274	32.2%	100,323
U. MI all campuses	32,275	4.0%	565,739	70.7%	9,522	1.2%	153,410	19.2%	800,488
U. CA, Riverside	4,947	4.0%	58,023	46.5%	4,937	4.0%	45,153	36.2%	124,820
MS State U.	7,445	3.9%	94,073	49.5%	29,957	15.8%	58,442	30.8%	189,917
U. DE	4,326	3.8%	79,640	69.3%	4,737	4.1%	21,723	18.9%	114,985
U. ME	3,469	3.7%	41,394	44.4%	6,133	6.6%	39,269	42.2%	93,153
Auburn U. all campuses	4,697	3.7%	45,540	36.0%	1,714	1.4%	69,346	54.8%	126,522
WV U.	4,055	3.3%	63,764	52.2%	3,537	2.9%	49,781	40.8%	122,134
U. AR for Medical Sciences	3,571	3.3%	66,127	61.3%	7,077	6.6%	17,305	16.0%	107,871
U. CT all campuses	7,096	3.3%	124,837	58.0%	7,180	3.3%	62,034	28.8%	215,184
U. UT	8,132	3.3%	174,888	70.5%	1,719	0.7%	45,255	18.2%	248,168
MI State U.	11,699	3.3%	169,116	47.2%	48,665	13.6%	116,006	32.4%	358,097
U. TX Medical Branch	5,870	3.3%	120,408	66.9%	11,409	6.3%	25,976	14.4%	179,915
Rutgers, The State U. NJ all campuses	9,542	3.1%	129,456	42.0%	35,937	11.7%	103,370	33.5%	308,204
U. CA, Los Angeles	24,480	3.0%	483,873	59.6%	14,984	1.8%	162,219	20.0%	811,493
U. MD College Park	10,613	3.0%	209,764	59.2%	17,140	4.8%	109,817	31.0%	354,244
U. KY all campuses	9,464	2.9%	151,238	46.7%	44,929	13.9%	97,852	30.2%	323,958
U. NM all campuses	5,118	2.8%	127,907	70.6%	1,922	1.1%	44,230	24.4%	181,223
U. Louisville	3,754	2.8%	70,481	51.9%	6,872	5.1%	34,620	25.5%	135,873
MT State U. Bozeman	3,105	2.8%	75,362	67.0%	18,913	16.8%	15,048	13.4%	112,428
U. IL Chicago	8,604	2.6%	203,875	61.4%	6,462	1.9%	90,951	27.4%	332,176
U. WI Madison	20,310	2.4%	491,810	59.1%	31,181	3.7%	223,832	26.9%	831,895
U. IL Urbana-Champaign	11,516	2.4%	264,645	55.6%	35,289	7.4%	150,474	31.6%	476,198
U. AL Birmingham, The	7,868	2.4%	292,962	88.4%	58	0.0%	15,129	4.6%	331,436
U. CO all campuses	11,491	2.2%	448,350	87.4%	2,255	0.4%	28,751	5.6%	512,794
U. CA, Santa Cruz	2,531	2.2%	66,390	58.2%	2,295	2.0%	28,539	25.0%	114,126
SUNY Stony Brook all campuses	5,151	2.2%	112,973	48.1%	3,527	1.5%	92,616	39.5%	234,635
U. WY	1,937	2.2%	25,844	28.9%	2,616	2.9%	55,108	61.6%	89,414
U. SC all campuses	3,166	2.1%	89,294	58.1%	3,963	2.6%	47,967	31.2%	153,737
U. VA all campuses	4,758	2.0%	203,778	85.4%	864	0.4%	19,912	8.3%	238,754
U. NV, Reno	1,866	1.9%	64,476	65.2%	2,685	2.7%	29,015	29.3%	98,917
UT State U.	2,596	1.9%	96,242	69.4%	17,648	12.7%	17,080	12.3%	138,670
U. GA	5,865	1.8%	92,652	28.6%	49,806	15.4%	162,851	50.3%	323,843
OR State U.	3,378	1.8%	116,586	61.5%	36,617	19.3%	29,858	15.7%	189,606
IN U. all campuses	6,219	1.8%	170,635	48.1%	5,060	1.4%	120,465	33.9%	355,004
U. KS all campuses	3,365	1.7%	115,522	59.0%	4,670	2.4%	63,767	32.5%	195,947

**Table 3.3 Continued - Total R&D Expenditures by Source
 FY 2006 Top 100 Public Universities and Colleges
 Ranked by FY 2006 % of Total from Industry
 [Dollars in Thousands]**

	Industry		Federal		State		Institutional		Total
	Dollars	% of Total	Dollars	% of Total	Dollars	% of Total	Dollars	% of Total	Dollars
U. NC Chapel Hill	7,391	1.7%	329,215	74.2%	17,996	4.1%	89,188	20.1%	443,790
U. Cincinnati all campuses	4,859	1.7%	201,742	68.6%	16,478	5.6%	53,194	18.1%	294,150
U. Pittsburgh all campuses	8,670	1.6%	422,316	79.7%	13,415	2.5%	61,815	11.7%	530,162
U. MS all campuses	1,385	1.5%	67,717	72.4%	3,521	3.8%	14,435	15.4%	93,471
WA State U.	2,865	1.5%	81,324	41.4%	31,768	16.2%	69,742	35.5%	196,391
KS State U.	1,757	1.4%	52,649	42.5%	36,421	29.4%	25,860	20.9%	123,746
U. MO-Columbia	2,848	1.3%	101,732	47.3%	16,850	7.8%	88,589	41.2%	215,240
U. ID	914	1.1%	47,018	54.1%	25,281	29.1%	11,229	12.9%	86,863
ND State U. all campuses	719	0.7%	45,418	43.8%	30,055	29.0%	23,649	22.8%	103,778
FL State U.	989	0.5%	110,358	59.4%	10,642	5.7%	56,652	30.5%	185,633
U. CA Office of the President	661	0.5%	796	0.6%	43,736	34.0%	75,685	58.8%	128,770

Source: National Science Foundation, Division of Science Resources Statistics. 2007. *Academic Research and Development Expenditures: Fiscal Year 2006*. NSF 08-300. Ronda Britt, project officer.

Table 3.4 Federally Financed R&D Expenditures, FY 2001-2006
FY 2006 Top 20 Universities and Colleges
Ranked by 5-Yr% Change in Total Federal R&D Expenditures
[Dollars in thousands]

Rank	Institution	2001	2002	2003	2004	2005	2006	5-Yr. % Change
1	Duke U.	218,109	261,356	306,864	347,896	376,568	414,419	90%
2	U. CA, San Francisco	277,489	327,393	371,697	418,944	438,988	464,660	67%
3	Cornell U. all campuses	240,466	270,578	320,868	339,107	365,694	390,043	62%
4	U. WI Madison	304,009	345,003	396,231	434,423	477,582	491,810	62%
5	U. Pittsburgh all campuses	268,571	306,913	345,625	394,444	420,305	422,316	57%
6	MA Institute of Technology	304,319	330,409	356,206	427,552	457,235	476,362	57%
7	U. CA, Los Angeles	312,858	366,762	421,174	461,145	469,889	483,873	55%
8	U. WA	435,103	487,059	565,602	625,218	606,317	650,394	49%
9	PA State U. all campuses	245,951	284,706	301,094	347,996	358,569	367,215	49%
10	Johns Hopkins U., The ^a	879,741	1,022,510	1,106,971	1,229,426	1,277,292	1,307,453	49%
11	U. CO all campuses	308,643	340,466	377,941	414,986	449,366	448,350	45%
12	Washington U. St. Louis	284,928	303,441	357,364	371,043	400,699	408,402	43%
13	U. MI all campuses	396,117	444,255	516,818	521,339	554,516	565,739	43%
14	Columbia U. in the City of NY	317,928	356,749	385,529	406,576	453,188	451,187	42%
15	Stanford U.	384,468	426,620	483,540	541,667	574,675	540,069	40%
16	Yale U.	250,702	274,304	296,713	330,837	332,702	348,500	39%
17	U. PA	351,996	397,587	415,631	435,343	465,284	478,773	36%
18	U. Southern CA	246,207	266,645	300,195	312,589	330,126	333,378	35%
19	U. CA, San Diego	343,276	359,383	400,100	465,629	463,946	463,807	35%
20	Harvard U.	300,414	336,607	348,620	399,764	395,906	403,458	34%

Table 3.5 Federally Financed R&D Expenditures, FY 2001-2006
FY 2006 Top 20 Public Universities and Colleges
Ranked by 5-Yr% Change in Total Federal R&D Expenditures
[Dollars in thousands]

Rank	Institution	2001	2002	2003	2004	2005	2006	5-Yr. % Change
1	OH State U. all campuses	161,092	177,883	198,488	284,675	294,053	315,914	96%
2	U. FL	135,421	167,108	194,958	221,898	231,699	248,322	83%
3	GA Institute of Tech all campuses	143,836	165,680	203,582	237,483	245,130	257,751	79%
4	U. CA, San Francisco	277,489	327,393	371,697	418,944	438,988	464,660	67%
5	U. WI Madison	304,009	345,003	396,231	434,423	477,582	491,810	62%
6	U. CA, Davis	154,937	176,644	208,327	221,937	240,003	248,190	60%
7	U. Pittsburgh all campuses	268,571	306,913	345,625	394,444	420,305	422,316	57%
8	U. CA, Los Angeles	312,858	366,762	421,174	461,145	469,889	483,873	55%
9	U. AZ	199,484	211,772	259,074	283,956	292,811	301,619	51%
10	U. AL Birmingham, The	194,625	216,221	245,217	261,664	288,434	292,962	51%
11	U. WA	435,103	487,059	565,602	625,218	606,317	650,394	49%
12	PA State U. all campuses	245,951	284,706	301,094	347,996	358,569	367,215	49%
13	U. NC Chapel Hill	221,615	254,571	280,678	304,204	320,294	329,215	49%
14	U. CO all campuses	308,643	340,466	377,941	414,986	449,366	448,350	45%
15	U. MI all campuses	396,117	444,255	516,818	521,339	554,516	565,739	43%
16	U. TX Austin	195,184	219,158	231,996	235,281	254,529	273,147	40%
17	U. IL Urbana-Champaign	195,316	214,323	266,487	275,896	289,985	264,645	35%
18	U. CA, San Diego	343,276	359,383	400,100	465,629	463,946	463,807	35%
19	U. CA, Berkeley	208,080	217,297	238,206	268,830	290,960	261,718	26%
20	U. MN all campuses	264,289	295,301	293,266	307,677	319,771	326,170	23%

Source: National Science Foundation, Division of Science Resources Statistics. 2007. *Academic Research and Development Expenditures: Fiscal Year 2006*. NSF 08-300. Ronda Britt, project officer.

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