



2007
Annual Report
Of
Sponsored Research

Office of
Research and
Creative Activities

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Brigham Young University

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Preface

This report covers January 1, 2007 to December 31, 2007.

Included are a number of activities that are carried out by the Office of Research and Creative Activities (ORCA).

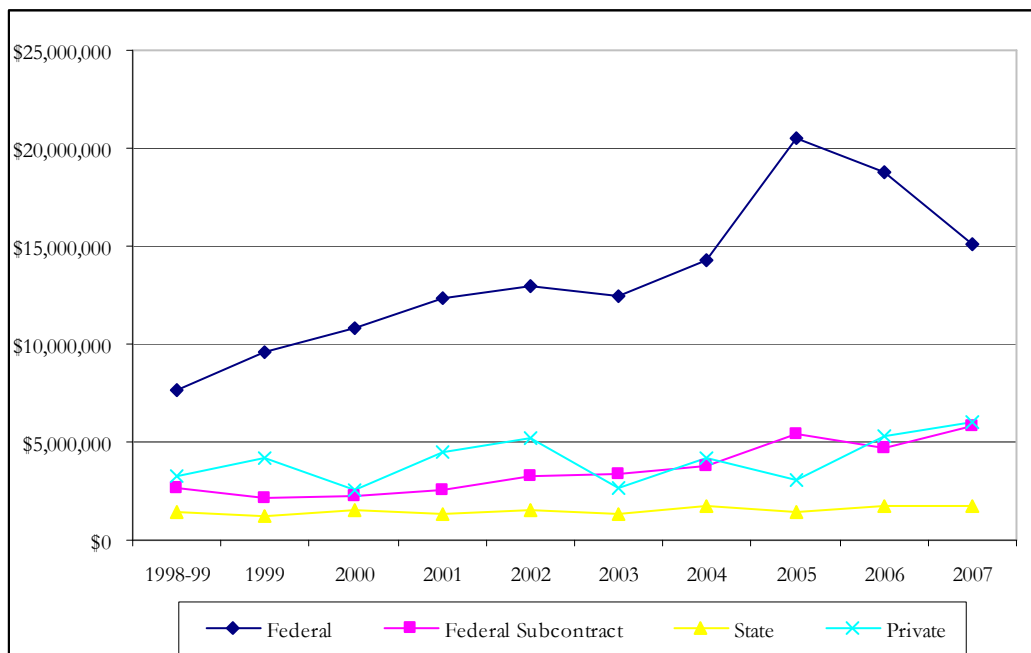
- *Reports of Sponsored Programs:* Sponsored programs at BYU are those funded by external sources through ORCA. They are largely research projects, but many include programs that are designed to develop or support instructional or service activities. Support for creative activities such as performance, artistic creations, etc., may also come through ORCA.
- *Administrative Activities in Support of Research and Creative Activities:* ORCA supports several university committees which oversee compliance with university, state, and federal regulations.
- *Recognition for Research and Creative Activities:* This category includes awards to faculty and students made by ORCA, the Graduate School, and some cooperative efforts involving departments, colleges, and central administration.



The University

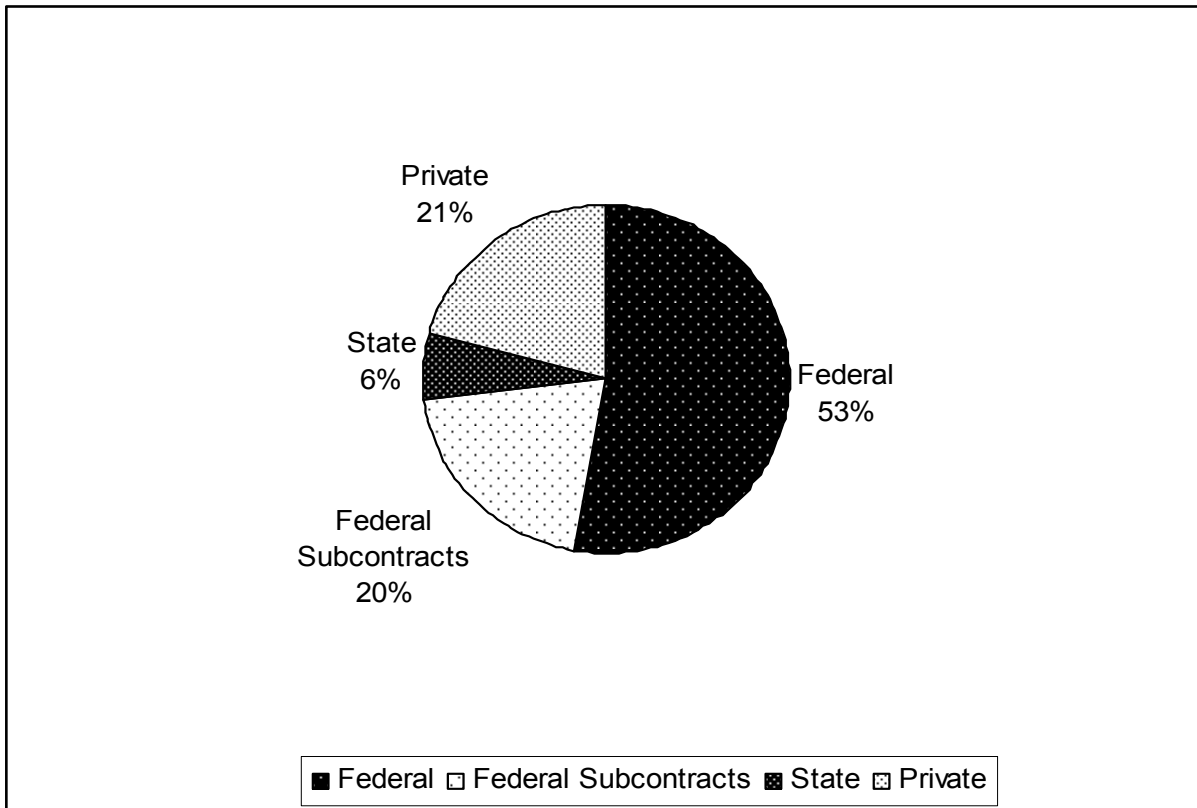
External Research Funding

Grants/Contracts						
Year	Federal	Federal Subcontract	State	Private	Total	%Federal
1998-99	\$7,689,987	\$2,625,949	\$1,466,440	\$3,236,576	\$15,018,952	69%
1999	\$9,579,892	\$2,147,400	\$1,189,443	\$4,192,998	\$17,109,733	69%
2000	\$10,786,727	\$2,194,176	\$1,551,853	\$2,525,966	\$17,058,722	76%
2001	\$12,319,534	\$2,560,829	\$1,336,012	\$4,526,380	\$20,742,755	72%
2002	\$12,942,472	\$3,271,259	\$1,547,471	\$5,210,390	\$22,971,592	71%
2003	\$12,412,311	\$3,359,540	\$1,352,811	\$2,694,628	\$19,819,290	80%
2004	\$14,330,621	\$3,741,503	\$1,708,839	\$4,137,035	\$23,917,998	76%
2005	\$20,464,956	\$5,366,648	\$1,449,466	\$3,098,213	\$30,379,283	85%
2006	\$18,789,401	\$4,716,016	\$1,686,117	\$5,263,840	\$30,455,374	77%
2007	\$15,146,329	\$5,858,590	\$1,706,455	\$5,992,229	\$28,703,602	73%



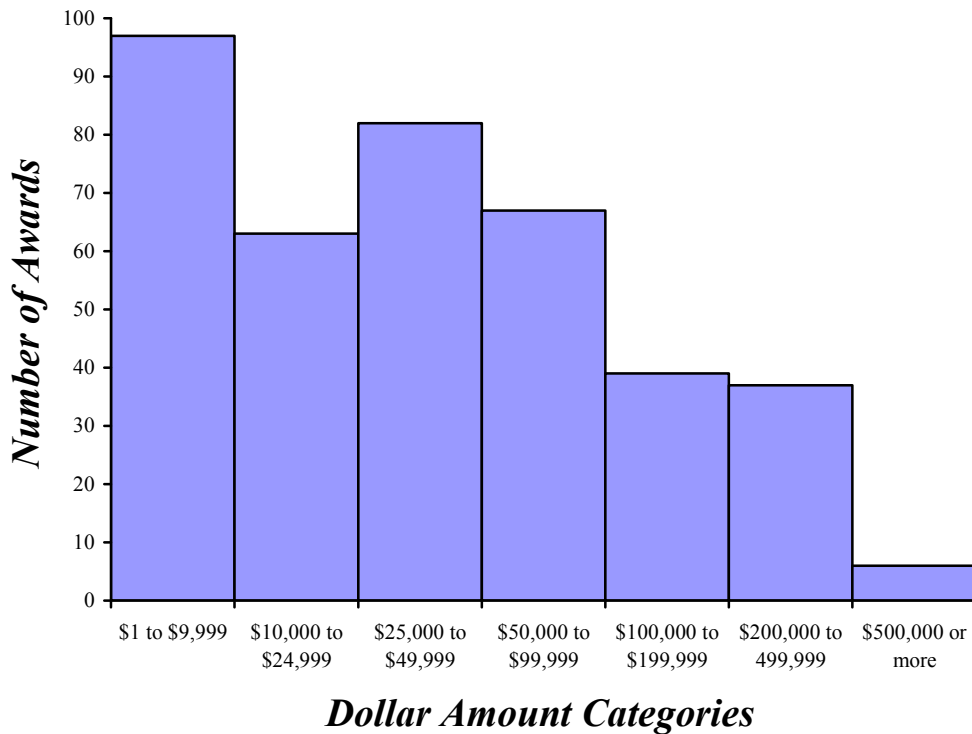
External Funds by Source—2007

Source	Amount	% of Total
Federal	\$15,146,329	53%
Federal Subcontracts	\$5,858,590	20%
State	\$1,706,455	6%
Private	\$5,992,229	21%
<i>Total Funding</i>	\$28,703,602	100%

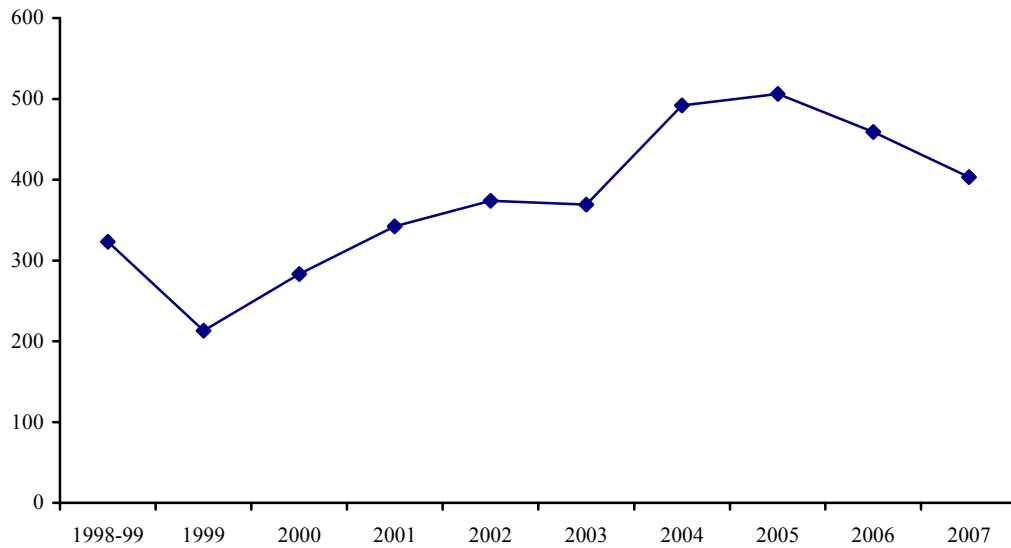


Grant/Contract Awards by Amount—2007

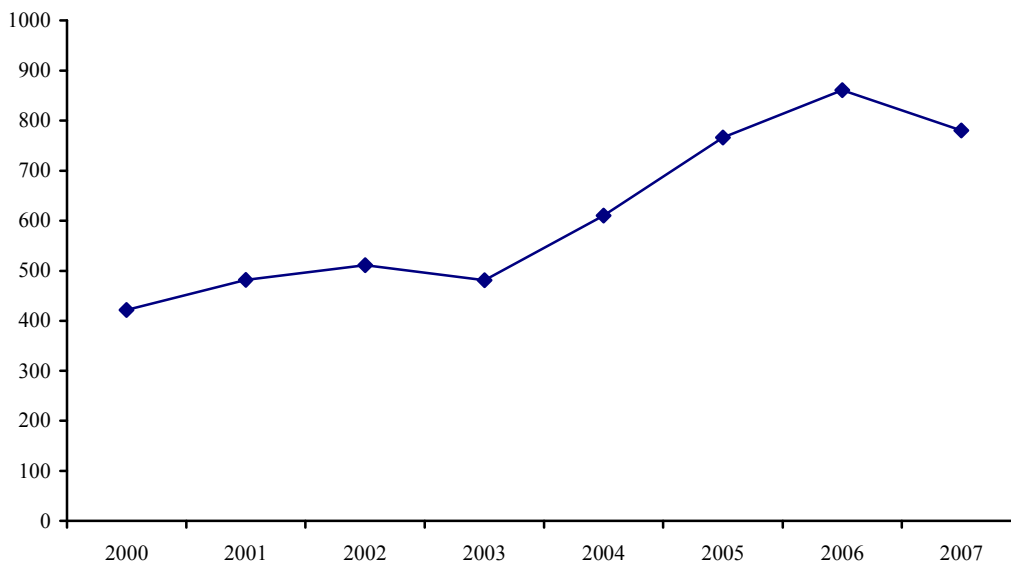
Dollar Amount Categories	# of Awards	% of Total Awards by #	\$ Awards	% of Total Awards by \$ Amount
\$1 to \$9,999	97	25%	\$419,119	1%
\$10,000 to \$24,999	63	16%	\$979,703	3%
\$25,000 to \$49,999	82	21%	\$2,883,669	10%
\$50,000 to \$99,999	67	17%	\$4,583,902	16%
\$100,000 to \$199,999	39	10%	\$5,397,966	19%
\$200,000 to \$499,999	37	9%	\$9,915,430	35%
more than \$500,000	6	2%	\$4,523,814	16%
Totals	391	100%	\$28,703,602	100%



Proposals Submitted

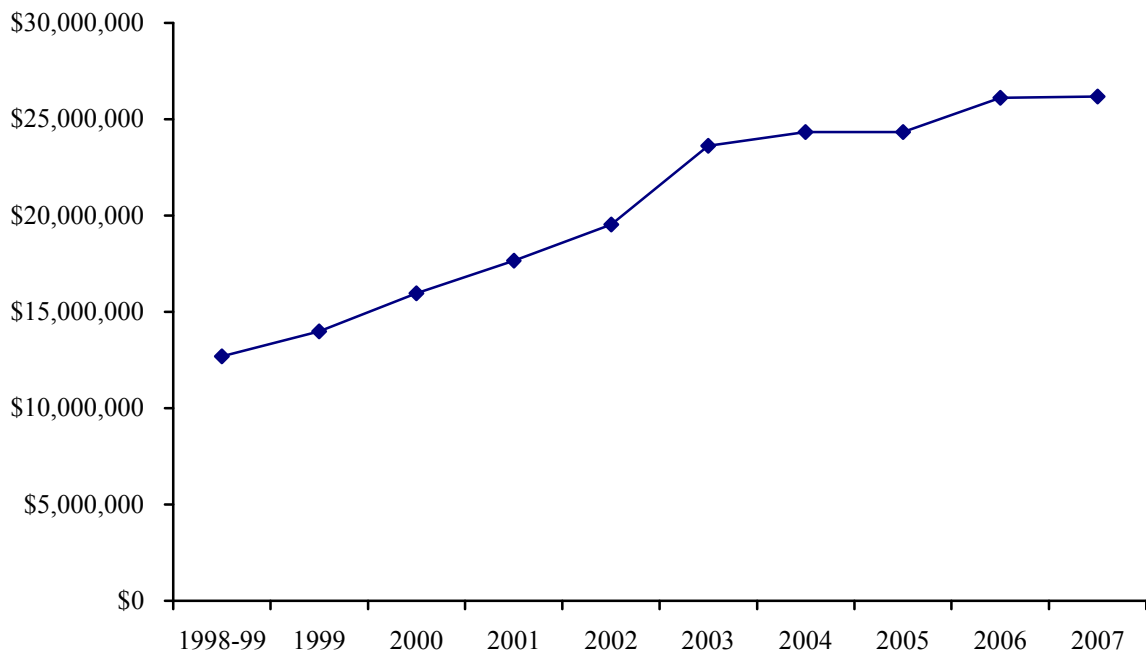


Active Accounts



Total Expenditures (Grants and Contracts)

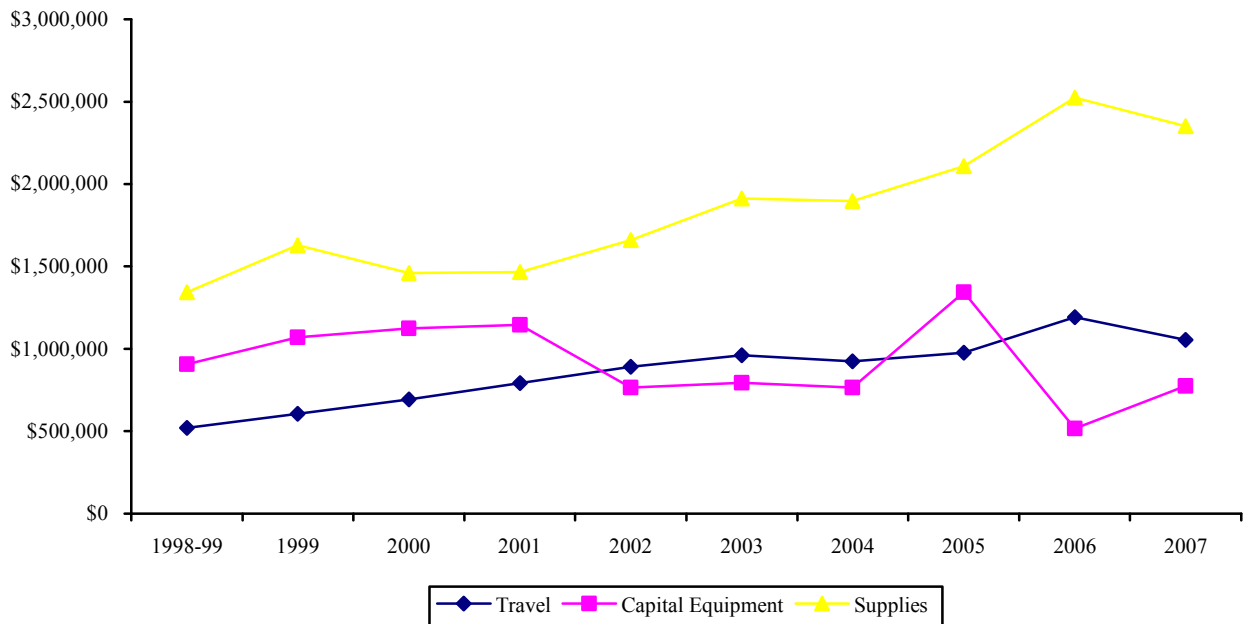
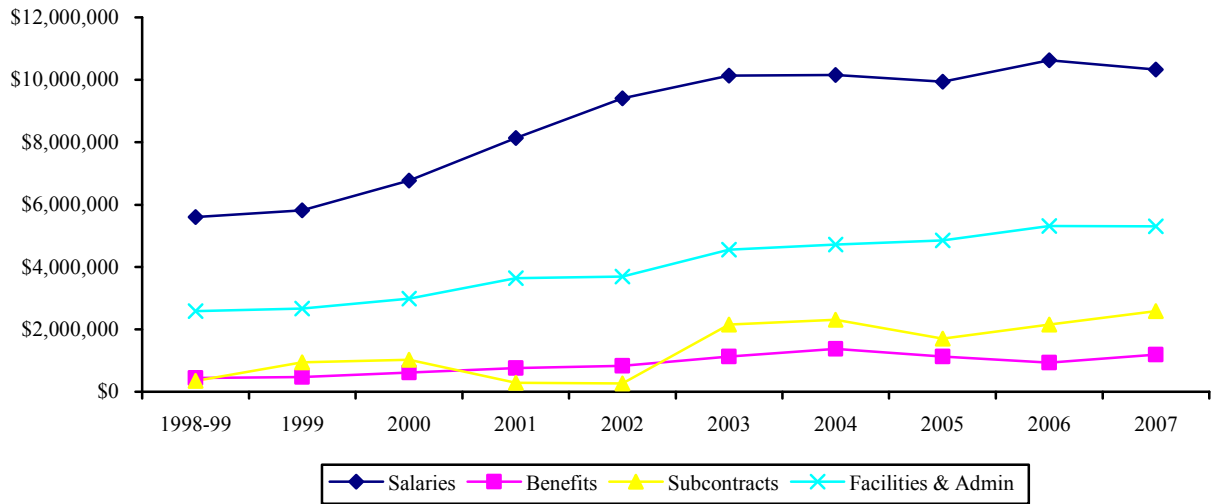
Year	Total Expenditures
1998-99	\$12,690,389
1999	\$13,988,008
2000	\$15,966,274
2001	\$17,652,928
2002	\$19,536,264
2003	\$23,623,643
2004	\$24,339,292
2005	\$24,334,391
2006	\$26,117,033
2007	\$26,178,686



2007 Research Contract/Grant Expenditures by Category

<i>Personnel Costs</i>	<i>Amount</i>
<i>Salaries & Wages</i>	
Administrative Salaries	633,040
Faculty Salaries	696,988
Faculty—Spring/Summer	1,702,591
Faculty—Supplemental	264,333
Faculty—Visiting, Foreign, Post Docs	860,354
Part-time Faculty Salaries	338,213
Other Wages	233,264
Staff Salaries	271,610
Student Contracts	2,798,059
Student Wages	2,533,674
Total Salaries & Wages	\$10,332,127
Fringe Benefits	\$1,188,711
Total Personnel Costs	\$11,520,838
<i>Other</i>	
Access Equipment	10,690
Advertising	1,077
Capital Equipment	774,198
Computer Services	38
Conference & Symposium Costs	188,369
Consultants	324,768
Contract Services	267,962
Employee Development/Training	(181,484)
Equipment Repair & Maintenance	18,177
Facilities & Administration	5,309,167
Fellowships	251,276
Hosting, Food, Entertainment	10,008
Non-Computer Non-Capital Equipment	110,160
Postage & Mailing	7,696
Printing & Copying	40,188
Program Income	(12,775)
Purchase Discounts Earned	(55)
Rental Expense	131,665
Research Publications Costs	31,699
Software Purchases	37,532
Student Aid	1,321,825
Subcontracts	2,587,488
Supplies	2,351,181
Telecommunications	22,437
Travel	1,053,856
Uniform/Costumes/Laundry	706
Total Other Expenditures	\$14,657,848
Total Research Expenditures	\$26,178,686

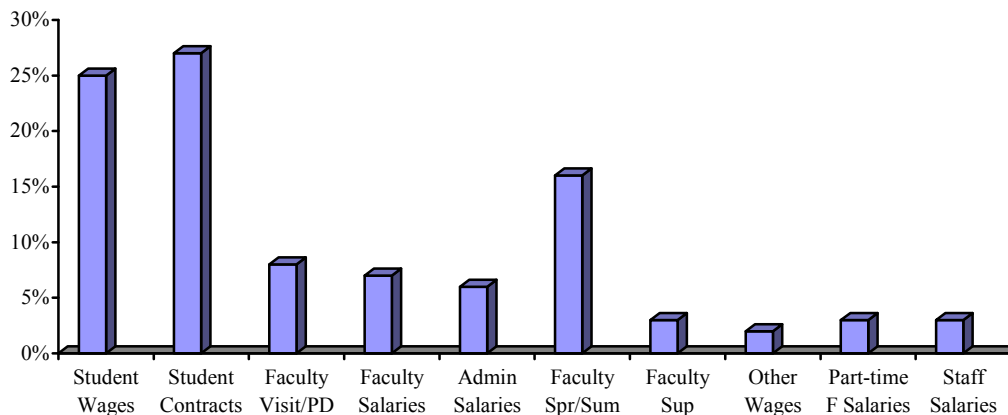
Research Dollars Expended (Grants and Contracts Only)



Salary and Wage Expenditures (Grants and Contracts Only)

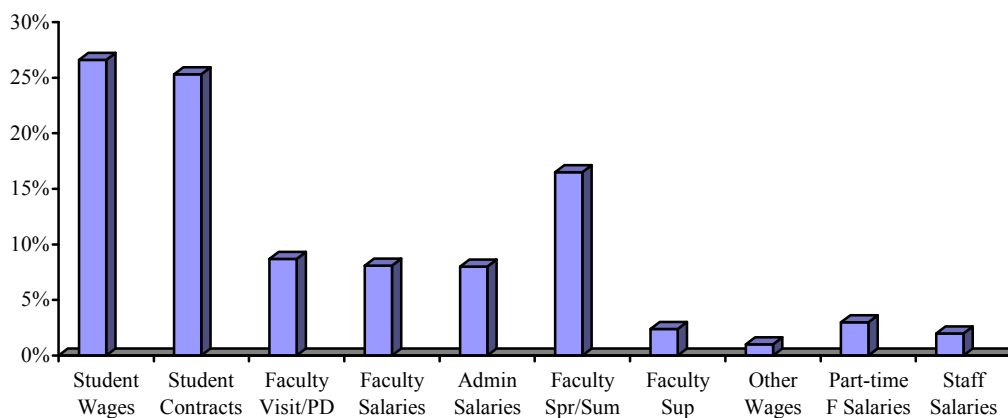
2007

Total: \$10,332,127



2006

Total: \$10,626,782

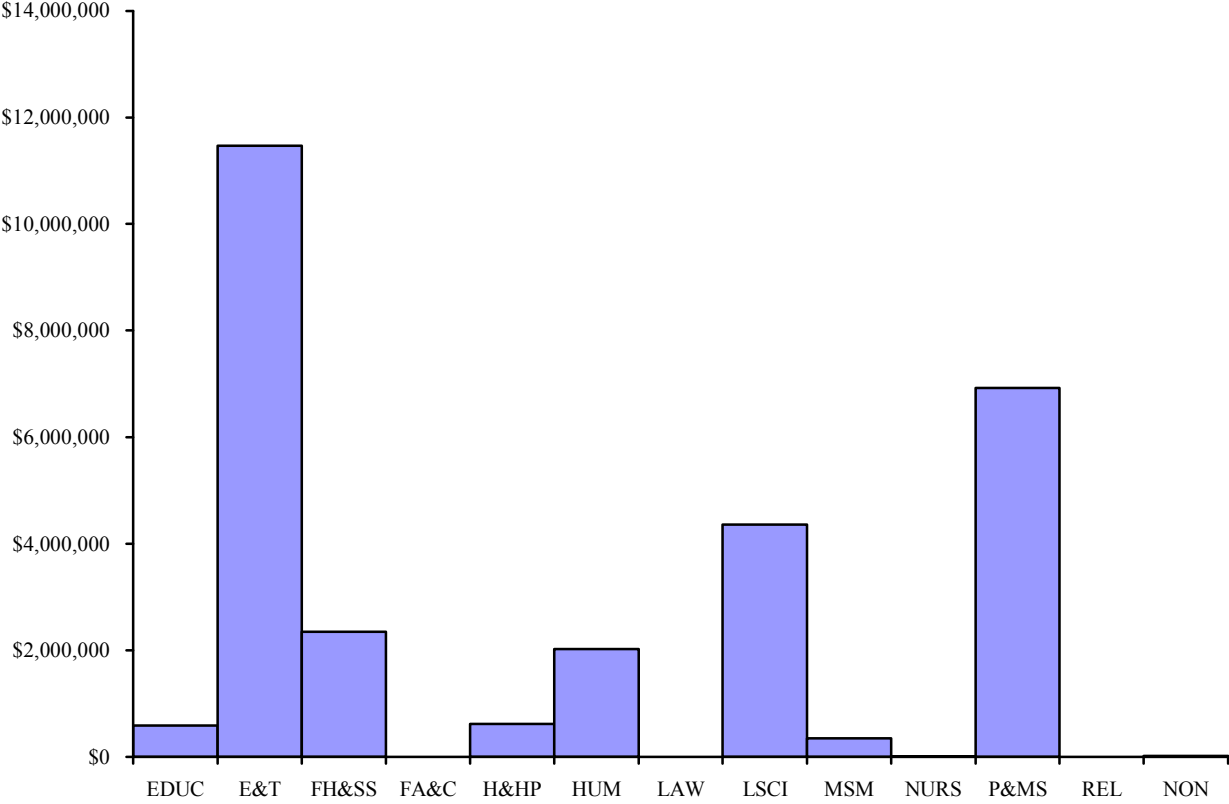




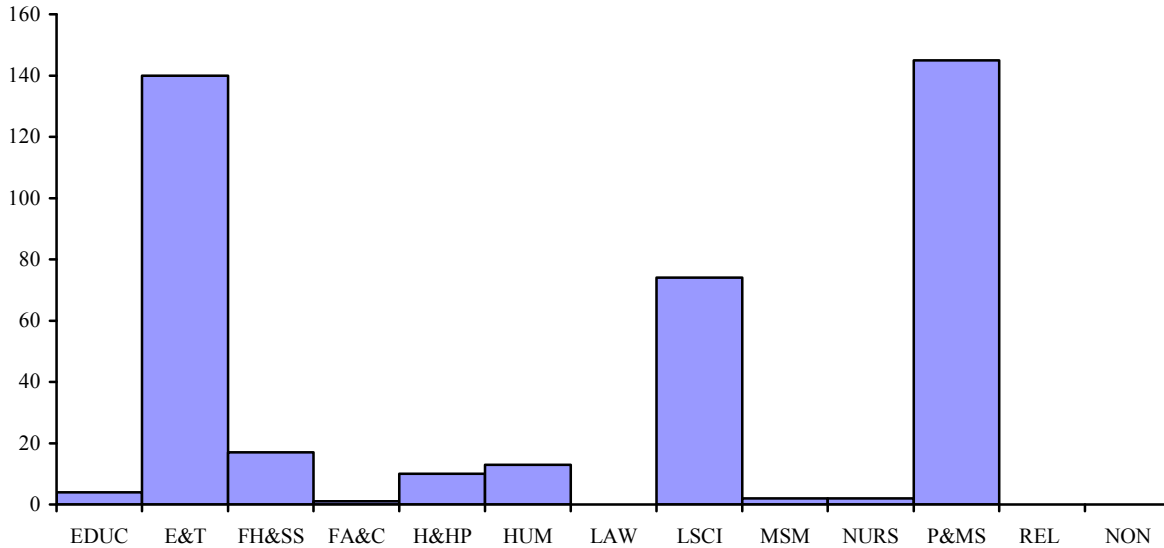
Information by College or School

Award Amount Totals 2007

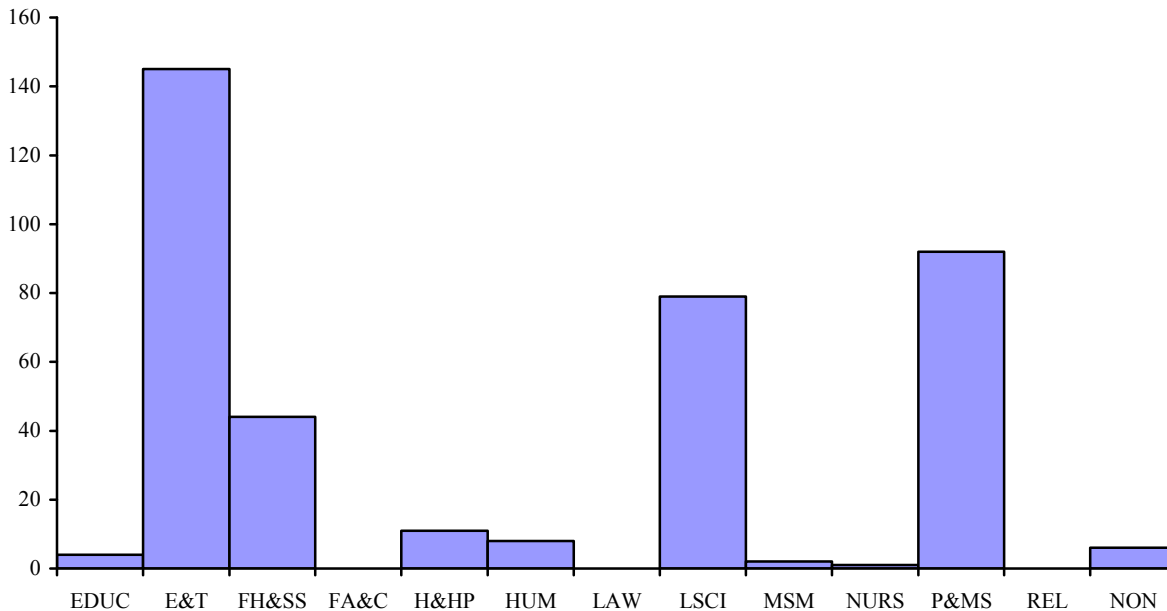
<i>College or School</i>	<i>Total</i>
Education	\$587,279
Engineering & Technology	\$11,472,300
Family, Home & Social Sciences	\$2,346,782
Fine Arts & Communications	\$0
Health & Human Performance	\$616,089
Humanities	\$2,022,930
J. Reuben Clark Law School	\$0
Life Sciences	\$4,358,347
Marriot School of Management	\$350,000
Nursing	\$3,750
Physical & Mathematical Sciences	\$6,922,308
Religious Education	\$0
Non-College Units	\$20,718
<i>University Total</i>	\$28,703,602



Number of Proposals 2007



Number of Awards 2007



Research Contract/Grant Expenditures by College and Department 2007

<i>College and Department</i>	<i>Amount</i>
<u>Education</u>	
CITES	0
Communication Disorders	49,010
Counseling and Career Center	0
Counseling and Special Educ	195,507
Dean's Office Education	0
Instructional Psychology	43,727
Teacher Education	299,035
TOTAL	\$ 587,279
<u>Engineering & Technology</u>	
Chemical Engineering	2,684,976
Civil and Environmental Eng	1,615,919
Electrical and Computer Eng	4,440,868
Mechanical Engineering	2,725,537
School of Technology	5,000
TOTAL	\$ 11,472,300
<u>Fine Art and Communications</u>	
	0
<u>Family Home & Social Sciences</u>	
Anthropology	24,650
Economics	176,606
Geography	0
History	0
Museum of Peoples and Cultures	0
Office of Public Archeology OPA	1,343,825
Political Science	25,000
Psychology	742,616
School of Family Life	0
Sociology	34,085
TOTAL	\$ 2,346,782

<i>College and Department</i>	<i>Amount</i>
<u>Health & Human Performance</u>	
Health Sciences	490,410
Exercise Science	125,679
TOTAL	\$ 616,089
<u>Humanities</u>	
Asian & Near East Languages	1,636,381
Humanities, Classic, Comp Lit	250,000
Linguistics	6,000
Spanish & Portuguese	130,549
TOTAL	\$ 2,022,930
<u>J. Reuben Clark Law School</u>	0
<u>Library</u>	\$ 20,718
<u>Life Sciences</u>	
Bean Museum	5,500
Biology	1,439,531
Microbiology & Molecular Biology	663,272
Nutrition, Dietetic, & Food Science	726,775
Physiology & Developmental Biology	677,904
Plant & Wildlife Sciences	845,365
TOTAL	\$ 4,358,347
<u>Marriott School of Management</u>	
Business Management	7,000
School of Accountancy	343,000
TOTAL	\$ 350,000
<u>Nursing</u>	\$ 3,750
<u>Office of Research & Creative Activities</u>	\$ 3,100
<u>Physical & Math Sciences</u>	
Chemistry and Biochemistry	4,760,137
Computer Science	502,954
Geology	296,418
Mathematics	231,698
Physics & Astronomy	1,131,101
Statistics	0
TOTAL	\$ 6,922,308
Grand Total	\$ 28,703,602