



2006  
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, 2006 to December 31, 2006.

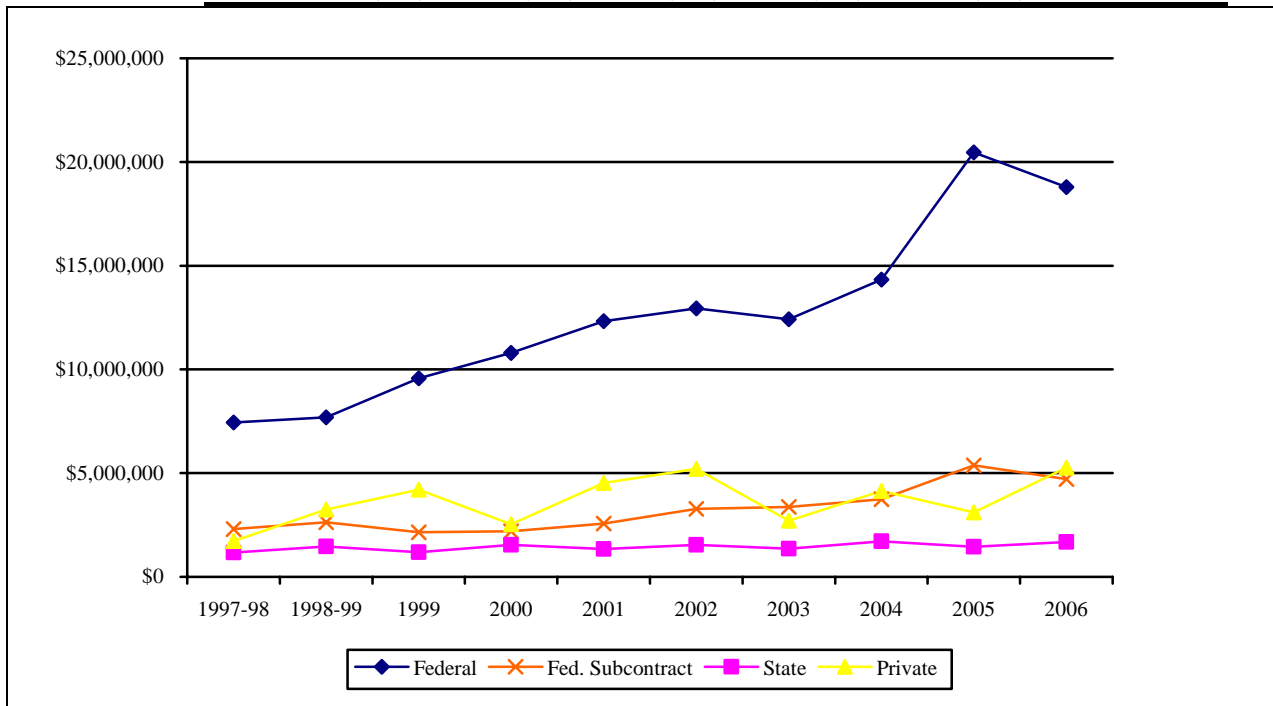
Included are a number of activities that are carried out by the Office of Research and Creative Activities (ORCA).

- *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

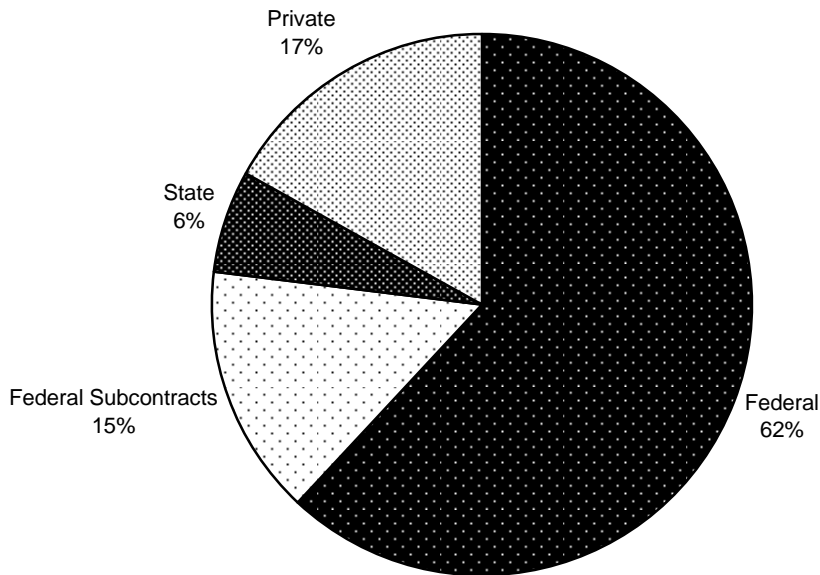
# External Research Funding

Year	Grants/Contracts				Total	%Federal
	Federal	Federal Subcontract	State	Private		
1997-98	\$7,447,875	\$2,307,126	\$1,174,691	\$1,734,226	\$12,663,918	77%
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%



# External Funds by Source—2006

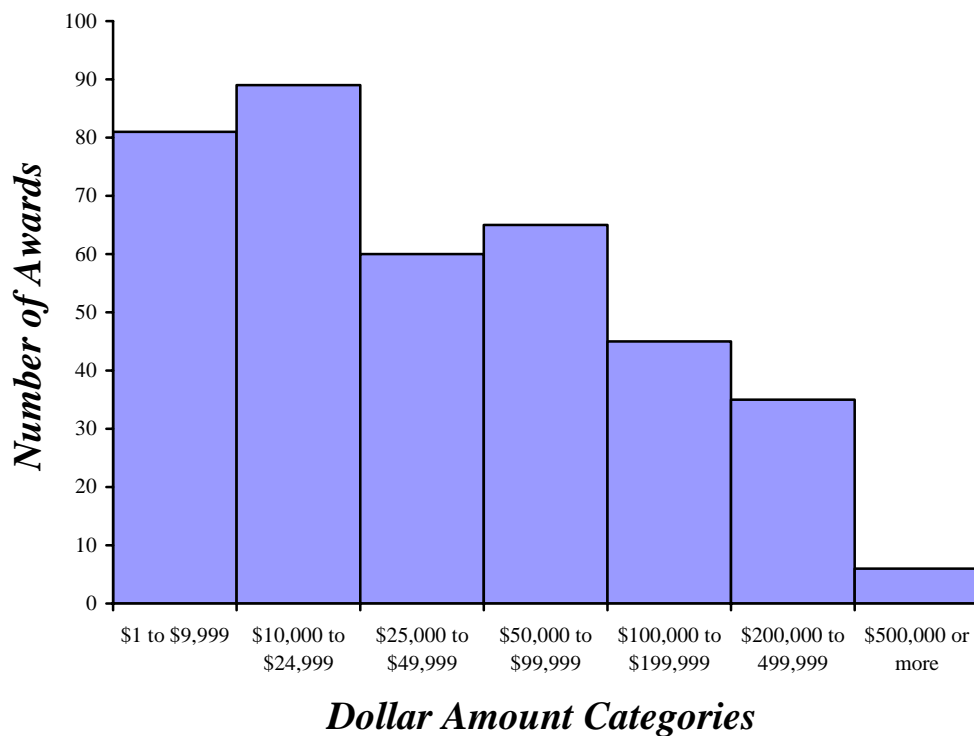
Source	Amount	% of Total
Federal	\$18,789,401	62%
Federal Subcontracts	\$4,716,016	15%
State	\$1,686,117	6%
Private	\$5,263,840	17%
<b>Total Funding</b>	<b>\$30,455,374</b>	<b>100%</b>



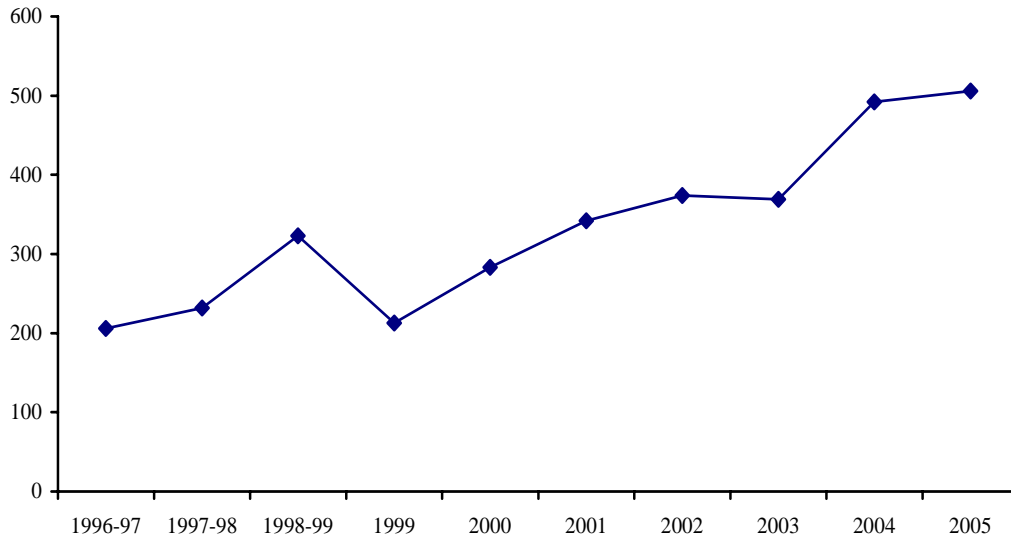
■ Federal □ Federal Subcontracts ■ State □ Private

# Grant/Contract Awards by Amount—2006

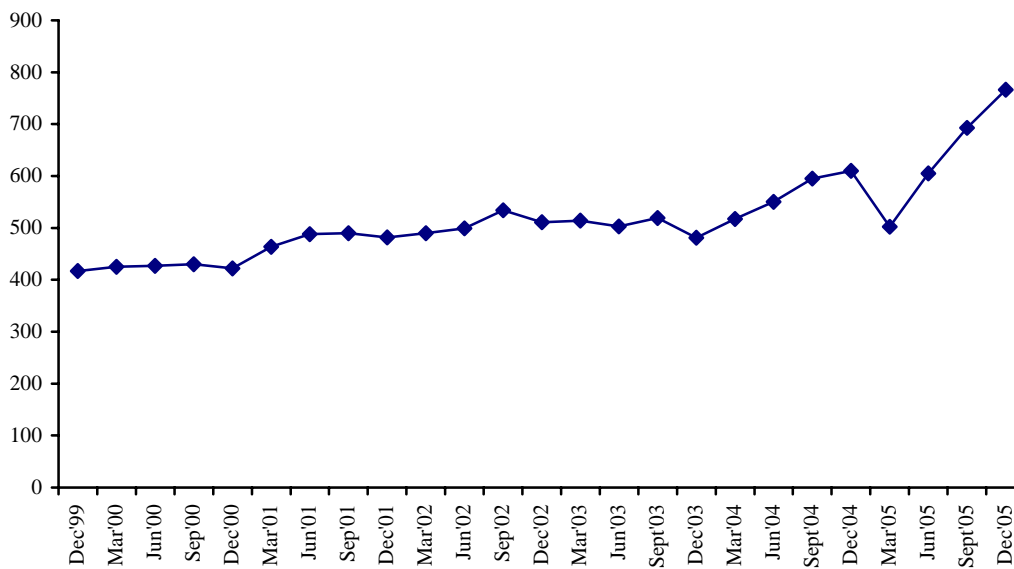
Dollar Amount Categories	# of Awards	% of Total Awards by #	\$ Awarded	% of Total Awards by \$
\$1 to \$9,999	81	21%	\$378,672	1%
\$10,000 to \$24,999	89	23%	\$1,412,934	5%
\$25,000 to \$49,999	60	16%	\$2,174,625	7%
\$50,000 to \$99,999	65	17%	\$4,493,036	15%
\$100,000 to \$199,999	45	12%	\$6,212,664	20%
\$200,000 to \$499,999	35	9%	\$10,382,689	34%
\$500,000 or more	6	2%	\$5,400,754	18%
<b>Totals</b>	<b>381</b>	<b>100%</b>	<b>\$30,455,374</b>	<b>100%</b>



# Proposals Submitted

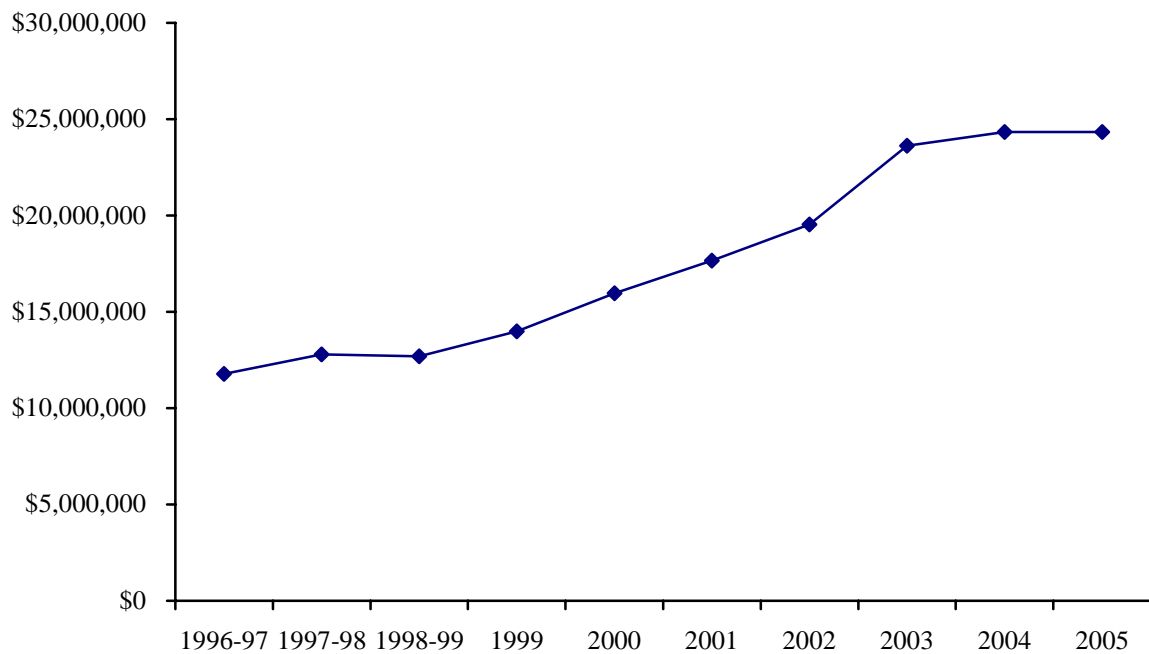


# Active Accounts



# Total Expenditures (Grants and Contracts)

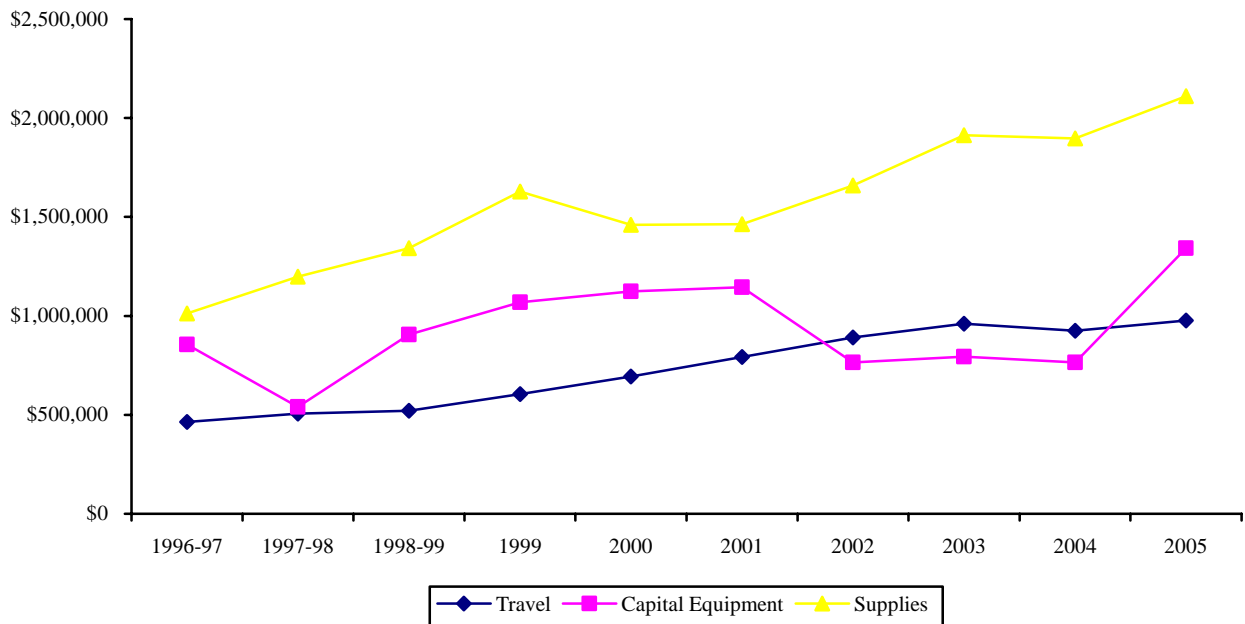
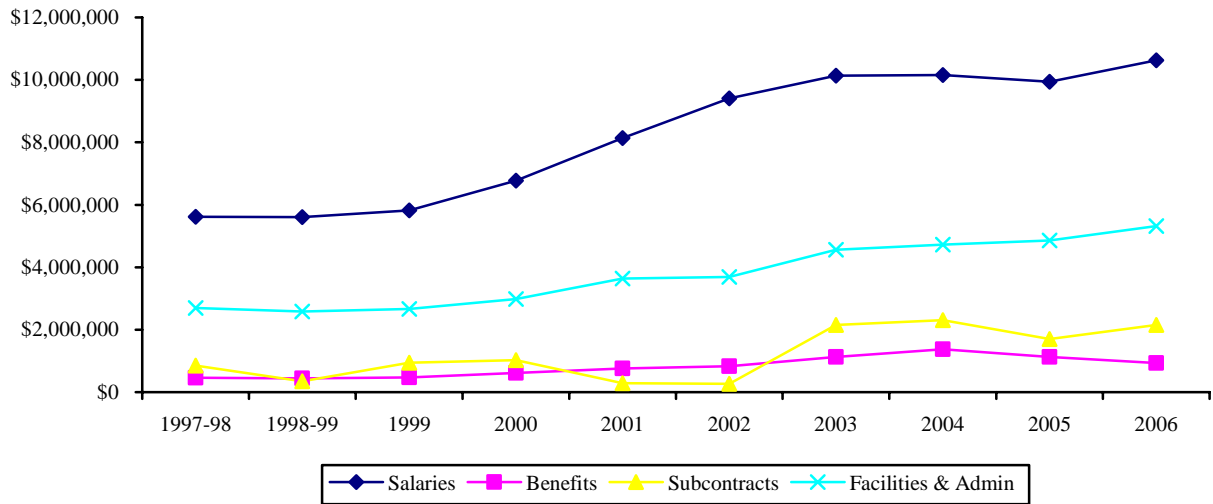
Year	Total Expenditures
1997-98	\$12,795,126
1998-99	\$12,690,389
1999	\$13,988,008
2000	\$15,966,274
2001	\$17,652,928
2002	\$19,536,264
2003	\$23,623,643
2004	\$24,339,292
2005	\$24,334,391
2006	\$26,117,033



# 2006 Research Contract/Grant Expenditures by Category

<i>Personnel Costs</i>	<i>Amount</i>
<i>Salaries &amp; Wages</i>	
Administrative Salaries	869,898
Faculty Salaries	858,910
Faculty—Spring/Summer	1,756,345
Faculty—Supplemental	265,215
Faculty—Visiting, Foreign, Post Docs	931,467
Part-time Faculty Salaries	350,871
Other Wages	158,817
Staff Salaries	226,548
Student Contracts	2,697,570
Student Wages	2,511,142
<b>Total Salaries &amp; Wages</b>	<b>\$10,626,782</b>
Fringe Benefits	\$1,274,828
<b>Total Personnel Costs</b>	<b>\$11,901,610</b>
<i>Other</i>	
Access Equipment	18,771
Advertising	200
Capital Equipment	515,777
Computer Services	372
Conference & Symposium Costs	57,728
Consultants	296,548
Contract Services	201,344
Employee Development/Training	264,272
Equipment Repair & Maintenance	18,663
Facilities & Administration	5,313,495
Fellowships	236,088
Hosting, Food, Entertainment	12,425
Non-Computer Non-Capital Equipment	108,360
Postage & Mailing	11,627
Printing & Copying	62,745
Program Income	(8,656)
Purchase Discounts Earned	(134)
Rental Expense	95,124
Research Publications Costs	32,271
Software Purchases	32,138
Student Aid	1,043,351
Subcontracts	2,156,220
Supplies	2,524,380
Telecommunications	30,115
Travel	1,191,983
Uniform/Costumes/Laundry	216
<b>Total Other Expenditures</b>	<b>\$14,215,423</b>
<b>Total Research Expenditures</b>	<b>\$26,117,033</b>

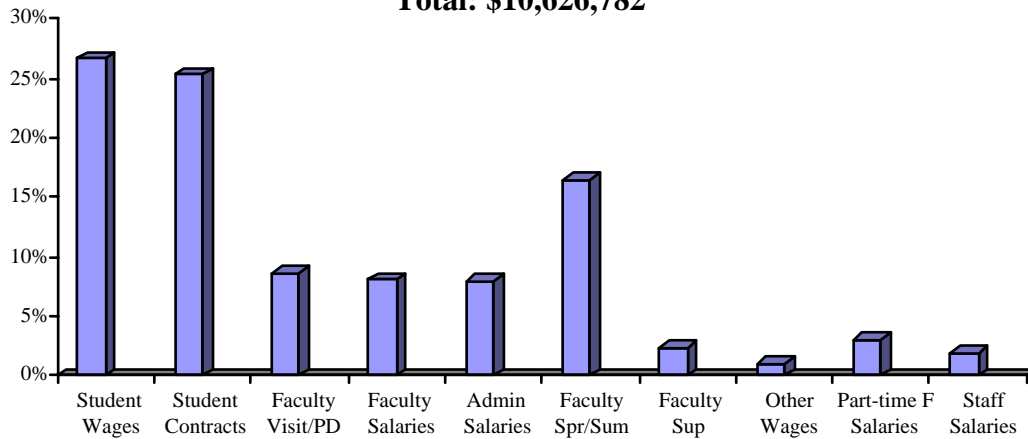
# Research Dollars Expended (Grants and Contracts Only)



# Salary and Wage Expenditures (Grants and Contracts Only)

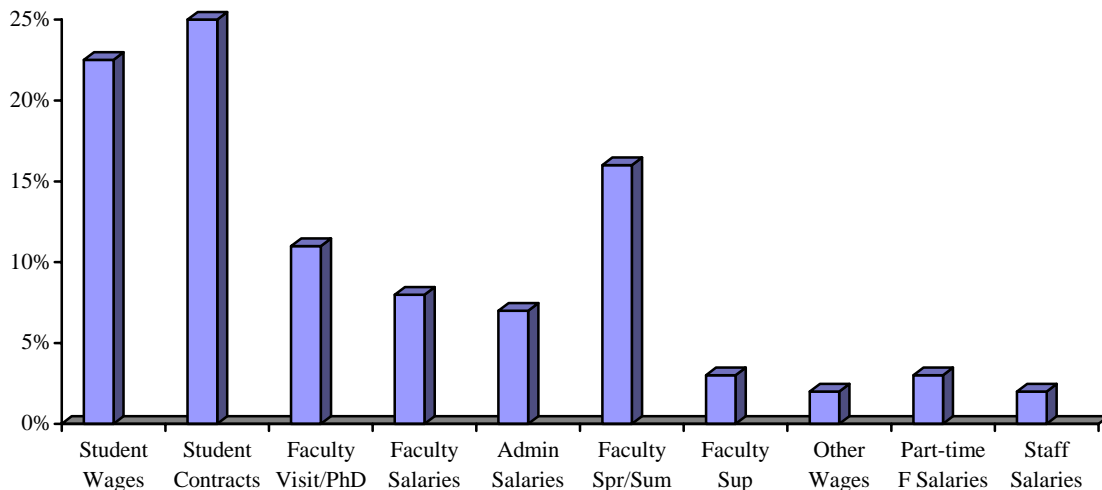
**2006**

**Total: \$10,626,782**



**2005**

**Total: \$9,938,253**



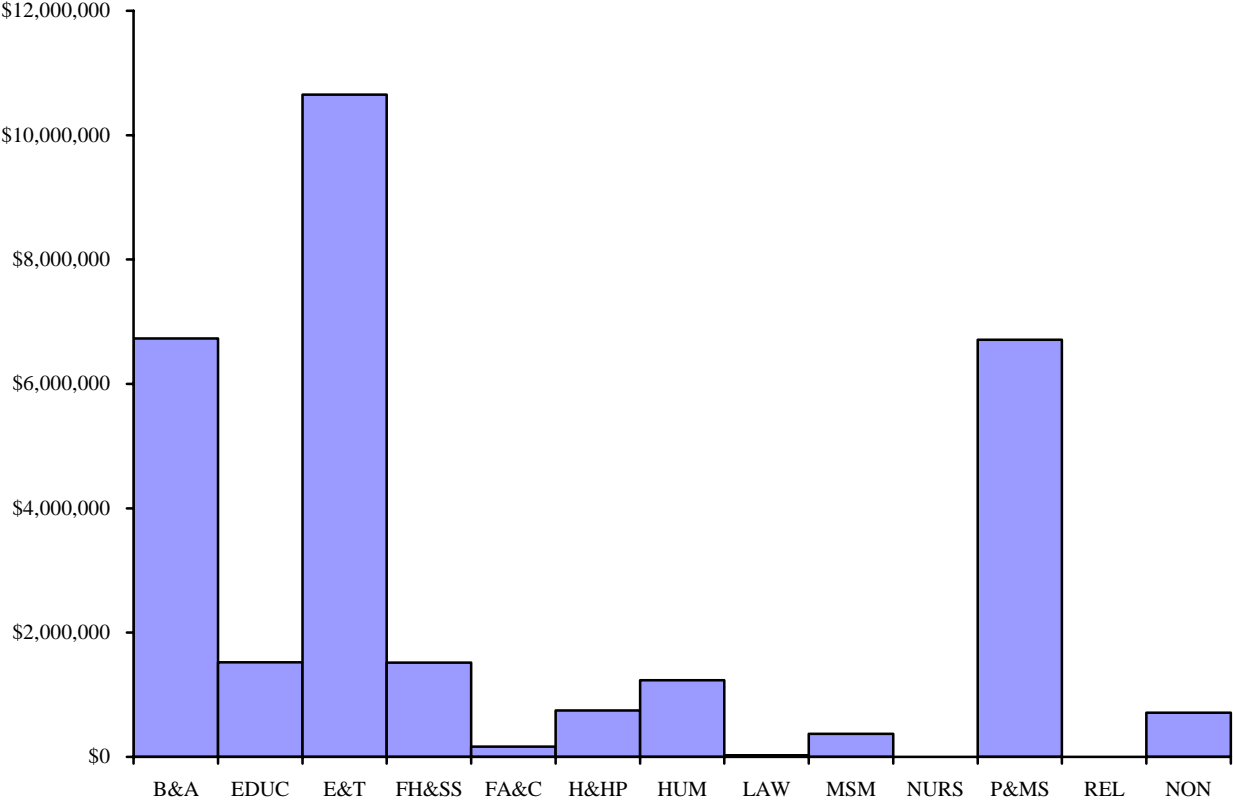




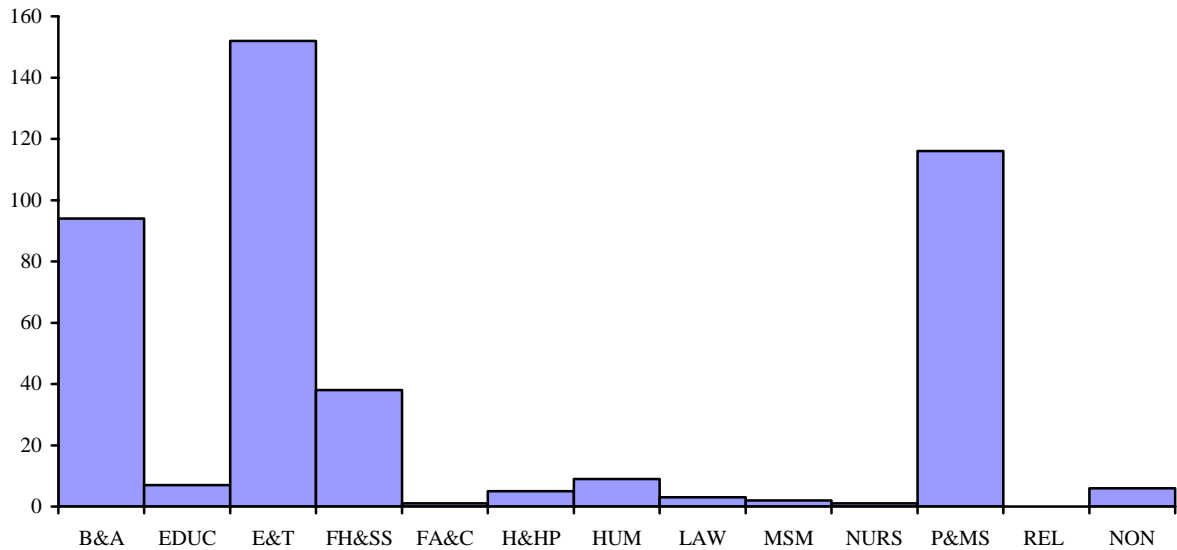
# Information by College or School

# Award Amount Totals 2006

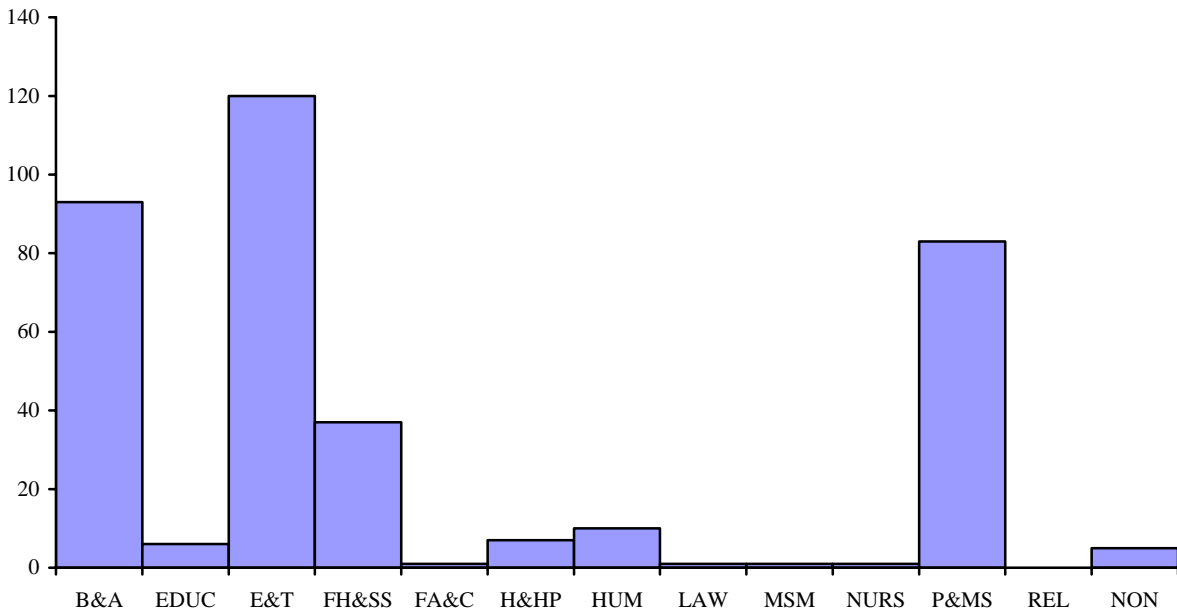
<i>College or School</i>	<i>Total</i>
Biology & Agriculture	\$3,818,519
Education	\$519,011
Engineering & Technology	\$13,069,326
Family, Home & Social Sciences	\$2,335,690
Fine Arts & Communications	\$10,000
Health & Human Performance	\$728,480
Humanities	\$1,084,844
J. Reuben Clark Law School	\$0
Marriot School of Management	\$343,000
Nursing	\$120
Physical & Mathematical Sciences	\$8,217,883
Religious Education	\$0
Non-College Units	\$328,500
<b>University Total</b>	<b>\$30,455,374</b>



# Number of Proposals 2006



# Number of Awards 2006



# Research Contract/Grant Expenditures by College and Department 2006

<i>College and Department</i>	<i>Amount</i>
<b><u>Assoc Academic VP</u></b>	
Internship Programs	0
Royalties-Adm	0
METI General and Administrative	106,473
<b>TOTAL</b>	<b>\$ 106,473</b>
<b><u>Biology &amp; Agriculture</u></b>	
Integrative Biology	1,891,601
Microbiology-Molecular Biology	499,890
Monte Bean Life Science Museum	33,112
Nutrition-Dietetic-Food Science	353,330
Physiology-Developmental Biology	932,900
Plant and Animal Sciences	1,095,598
<b>TOTAL</b>	<b>\$ 4,806,430</b>
<b><u>Education</u></b>	
CITES	3,370
Communication Disorders	31,742
Counseling and Career Center	384
Counseling and Special Educ	253,211
Dean's Office Education	515,256
Instructional Psychology	2,520
Teacher Education	378,450
<b>TOTAL</b>	<b>\$ 1,184,933</b>
<b><u>Engineering &amp; Technology</u></b>	
Chemical Engineering	1,619,932
Civil and Environmental Eng	1,883,463
Electrical and Computer Eng	3,334,908
Mechanical Engineering	2,820,474
School of Technology	252,923
<b>TOTAL</b>	<b>\$ 9,911,700</b>
<b><u>Fine Art and Communications</u></b>	
Visual Arts	83,932
<b>TOTAL</b>	<b>\$ 83,932</b>
<b><u>Family Home &amp; Social Sciences</u></b>	
Anthropology	188,970
Economics	0
Geography	0
History	62,203

	Museum of Peoples and Cultures	52,609
	Office of Public Archeology OPA	212,591
	Political Science	540,744
	Psychology	533,878
<b><i>College and Department</i></b>		<b><i>Amount</i></b>
	School of Family Life	37,018
	Smith Institute	0
	Social Work	62,011
	Sociology	45,252
	<b>TOTAL</b>	<b>\$ 1,735,278</b>
<b><u>Health &amp; Human Performance</u></b>	Health Sciences	578,773
	Exercise Science	250,125
	<b>TOTAL</b>	<b>\$ 828,898</b>
<b><u>Humanities</u></b>	Asian & Near East Languages	4,869
	Center for Language Studies	548,572
	Humanities, Classic, Comp Lit	110,410
	Linguistics	51,258
	<b>TOTAL</b>	<b>\$ 715,105</b>
<b><u>International Affairs Vice President</u></b>	Kennedy International Center	653,103
	<b>TOTAL</b>	<b>\$ 653,103</b>
<b><u>J. Reuben Clark Law School</u></b>		<b>\$ 10,363</b>
<b><u>Library</u></b>		<b>\$ 67,765</b>
<b><u>Marriott School of Management</u></b>	Center for Global Management	436,085
	<b>TOTAL</b>	<b>\$ 436,085</b>
<b><u>Nursing</u></b>		<b>\$ 1,200</b>
<b><u>Physical &amp; Math Sciences</u></b>	Chemistry and Biochemistry	3,157,268
	Computer Science	778,139
	Geology	287,934
	Mathematics	213,095
	Physics & Astronomy	1,060,538
	Statistics	78,791
	<b>TOTAL</b>	<b>\$ 5,575,765</b>
	<b>Grand Total</b>	<b>\$ 26,117,033</b>

