



2007
Annual Report
Of
Sponsored Research

Office of
Research and
Creative Activities

Published by the
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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).

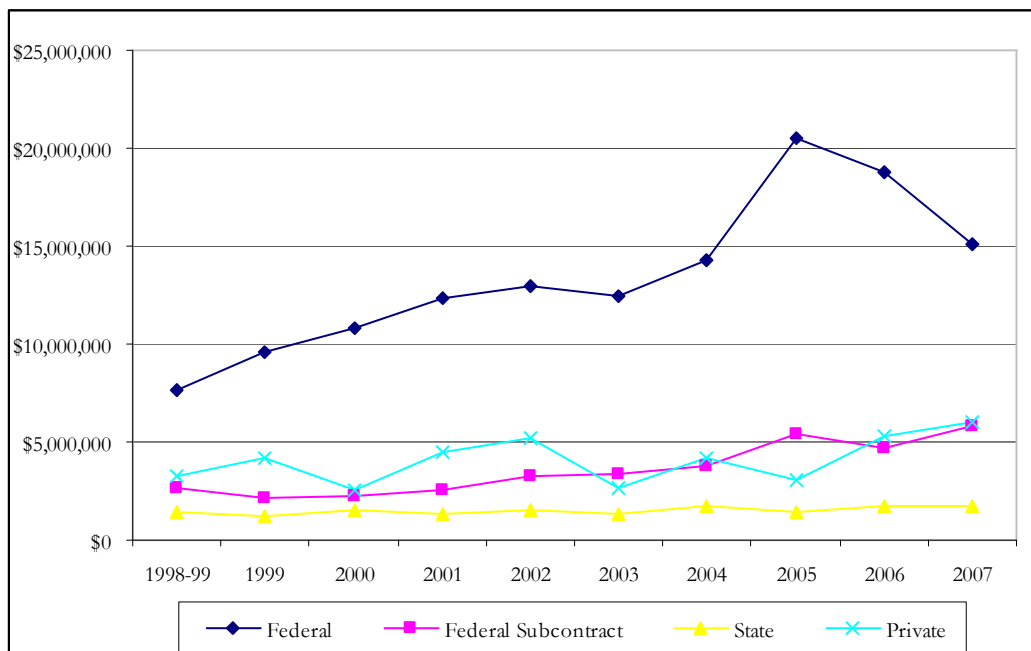
- *Reports of Sponsored Programs:* Sponsored programs at BYU are those funded by external sources through ORCA. They are largely research projects, but many include programs that are designed to develop or support instructional or service activities. Support for creative activities such as performance, 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

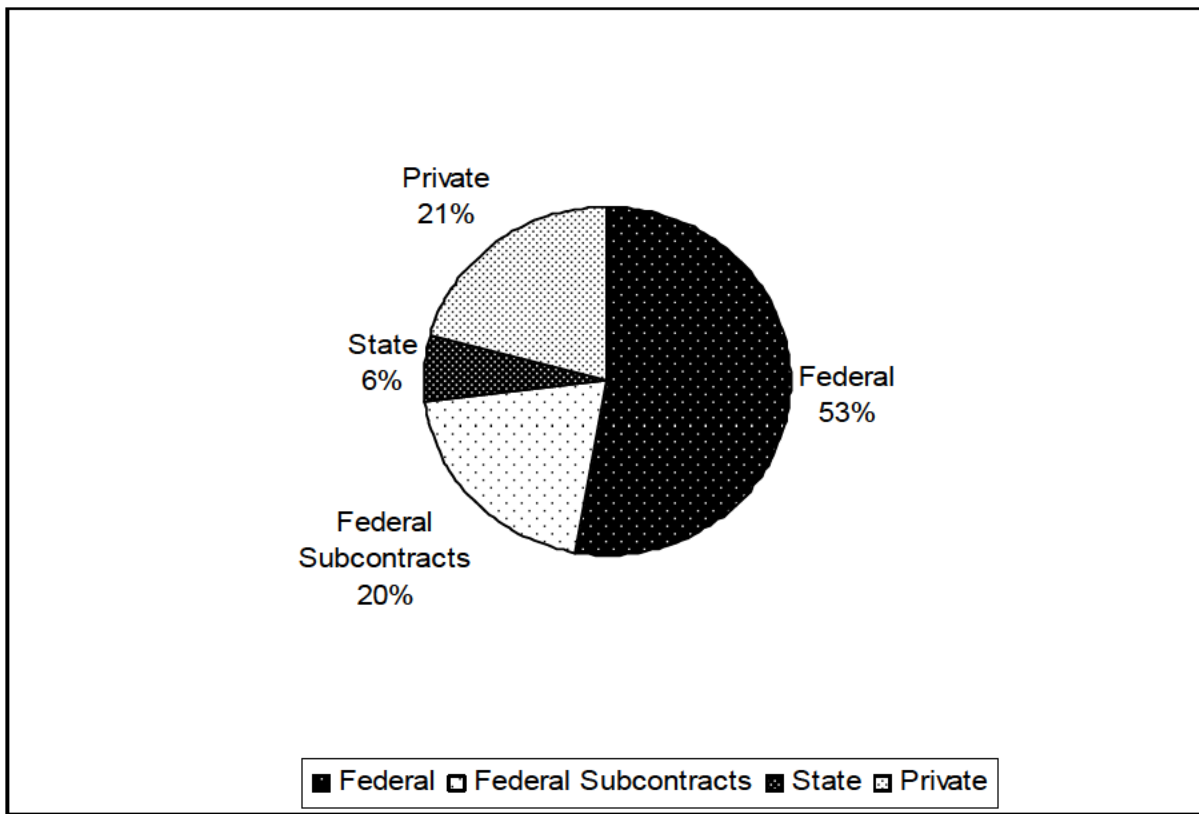
External Research Funding

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%



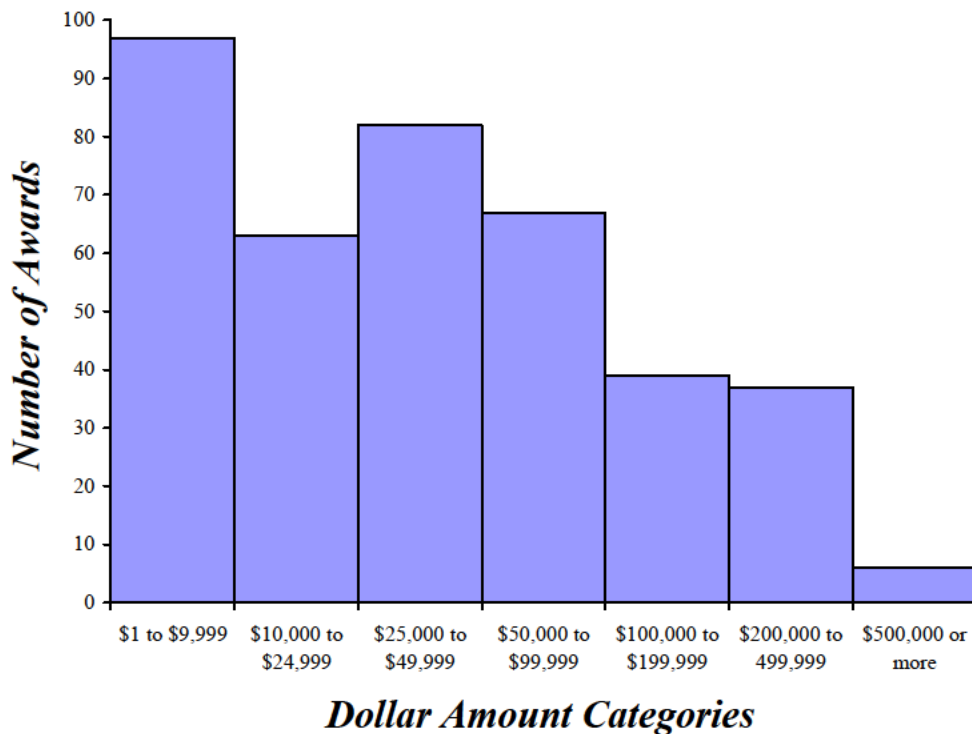
External Funds by Source—2007

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%

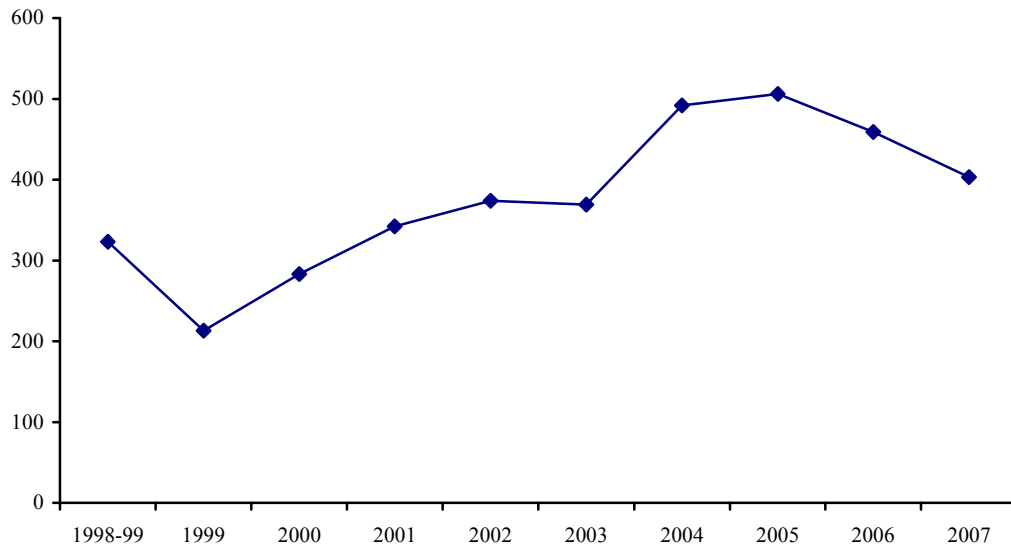


Grant/Contract Awards by Amount—2007

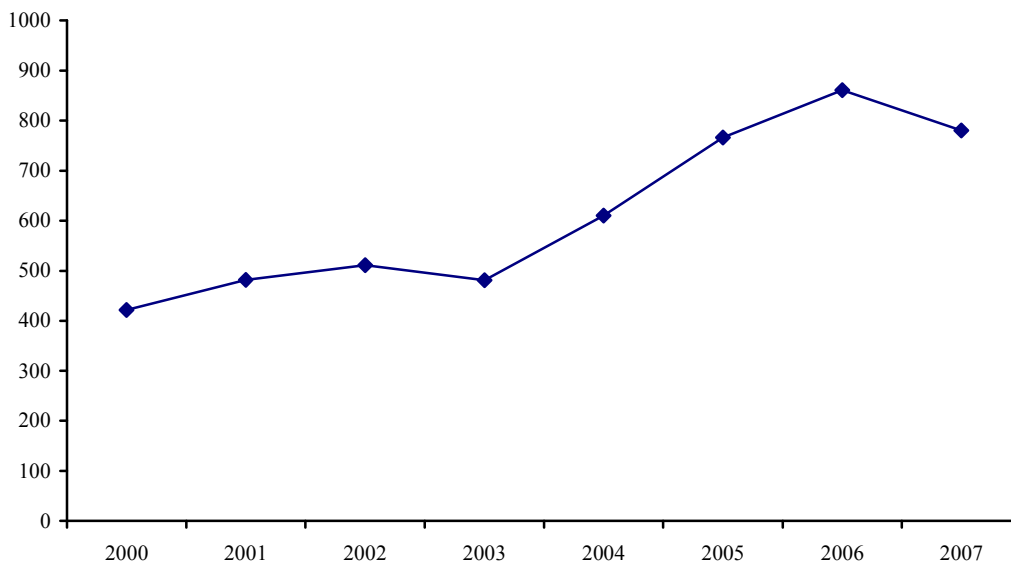
Dollar Amount Categories	# of Awards	% of Total Awards by #	\$ Awards	% of Total Awards by \$ Amount
\$1 to \$9,999	97	25%	\$419,119	1%
\$10,000 to \$24,999	63	16%	\$979,703	3%
\$25,000 to \$49,999	82	21%	\$2,883,669	10%
\$50,000 to \$99,999	67	17%	\$4,583,902	16%
\$100,000 to \$199,999	39	10%	\$5,397,966	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

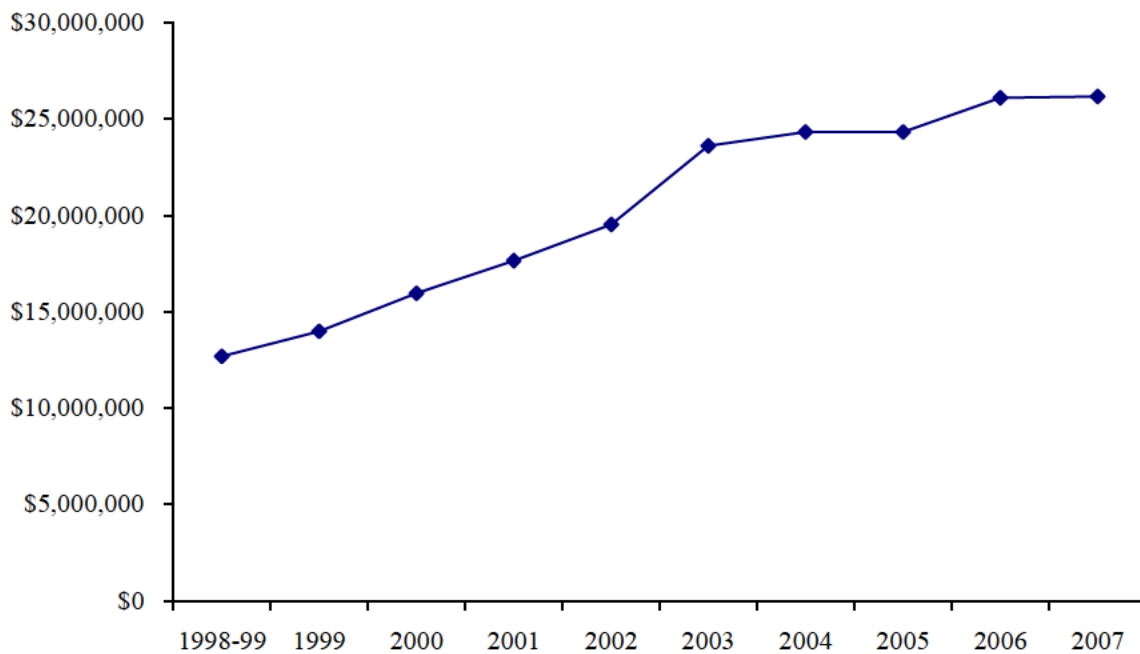


Active Accounts



Total Expenditures (Grants and Contracts)

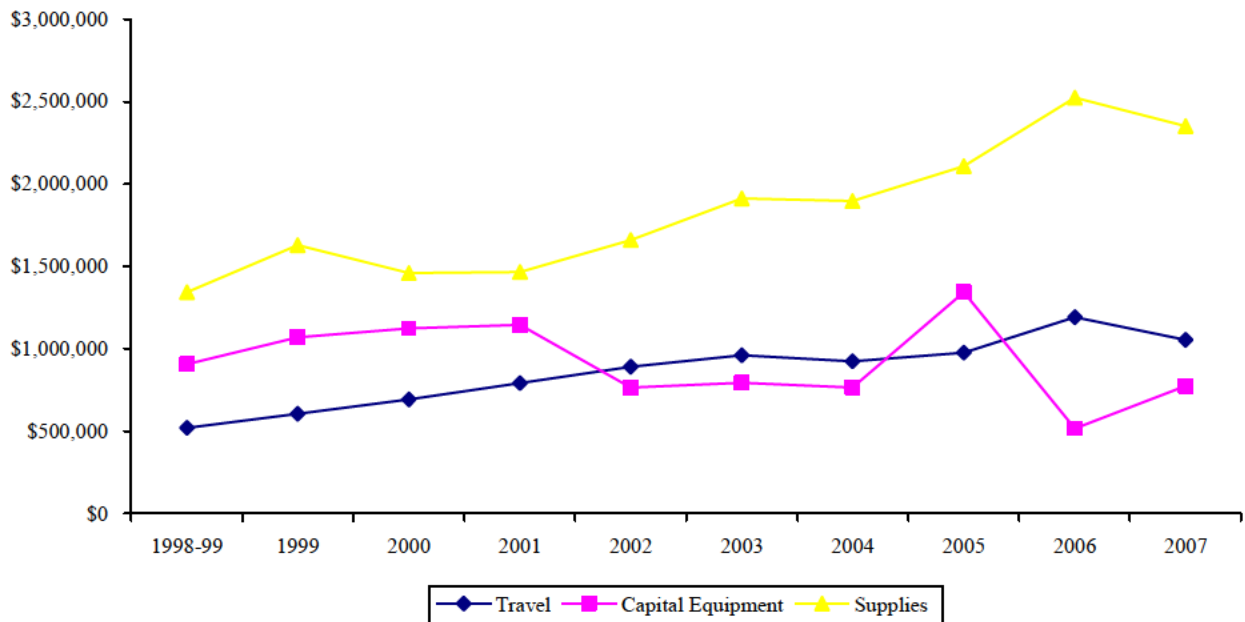
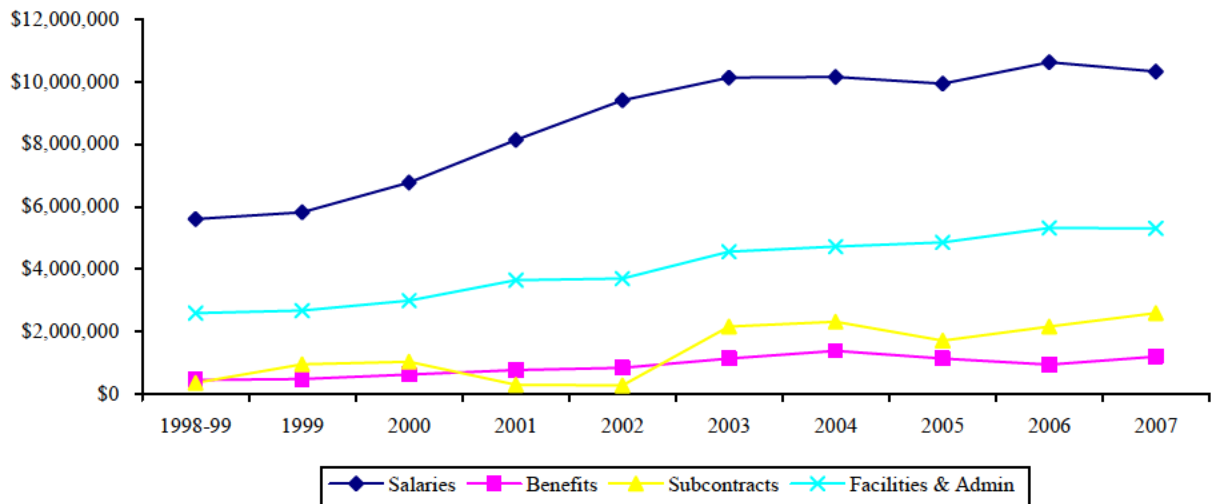
Year	Total Expenditures
1998-99	\$12,690,389
1999	\$13,988,008
2000	\$15,966,274
2001	\$17,652,928
2002	\$19,536,264
2003	\$23,623,643
2004	\$24,339,292
2005	\$24,334,391
2006	\$26,117,033
2007	\$26,178,686



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

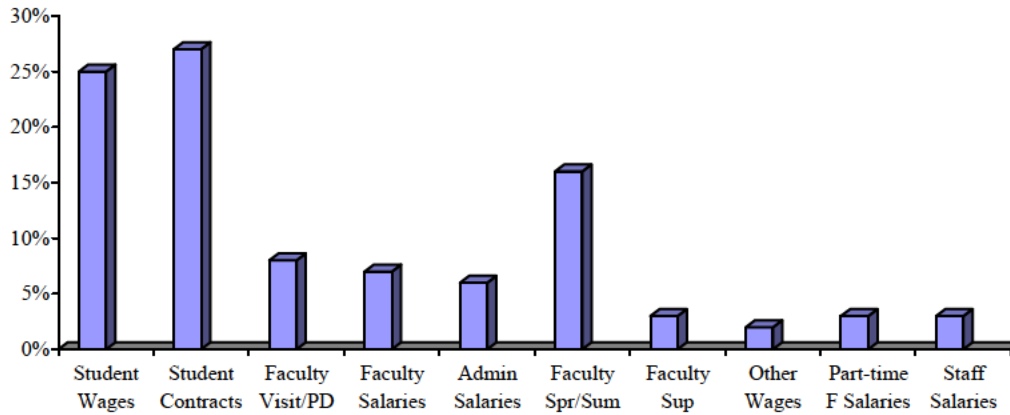
Research Dollars Expended (Grants and Contracts Only)



Salary and Wage Expenditures (Grants and Contracts Only)

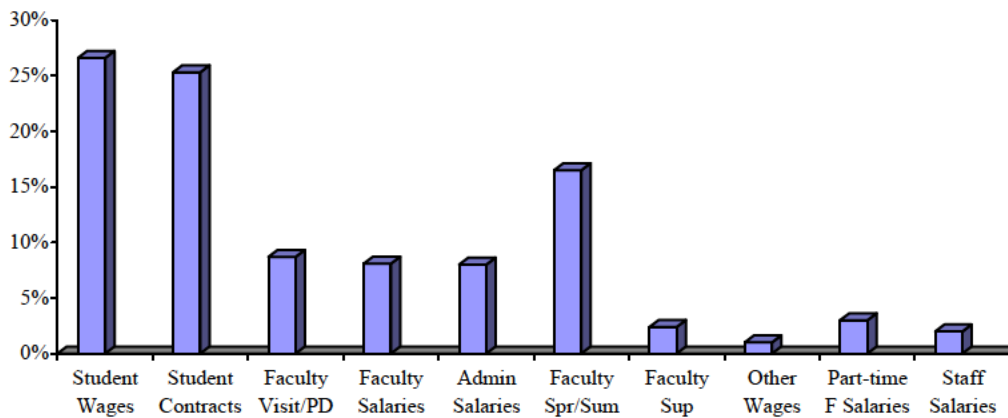
2007

Total: \$10,332,127



2006

Total: \$10,626,782

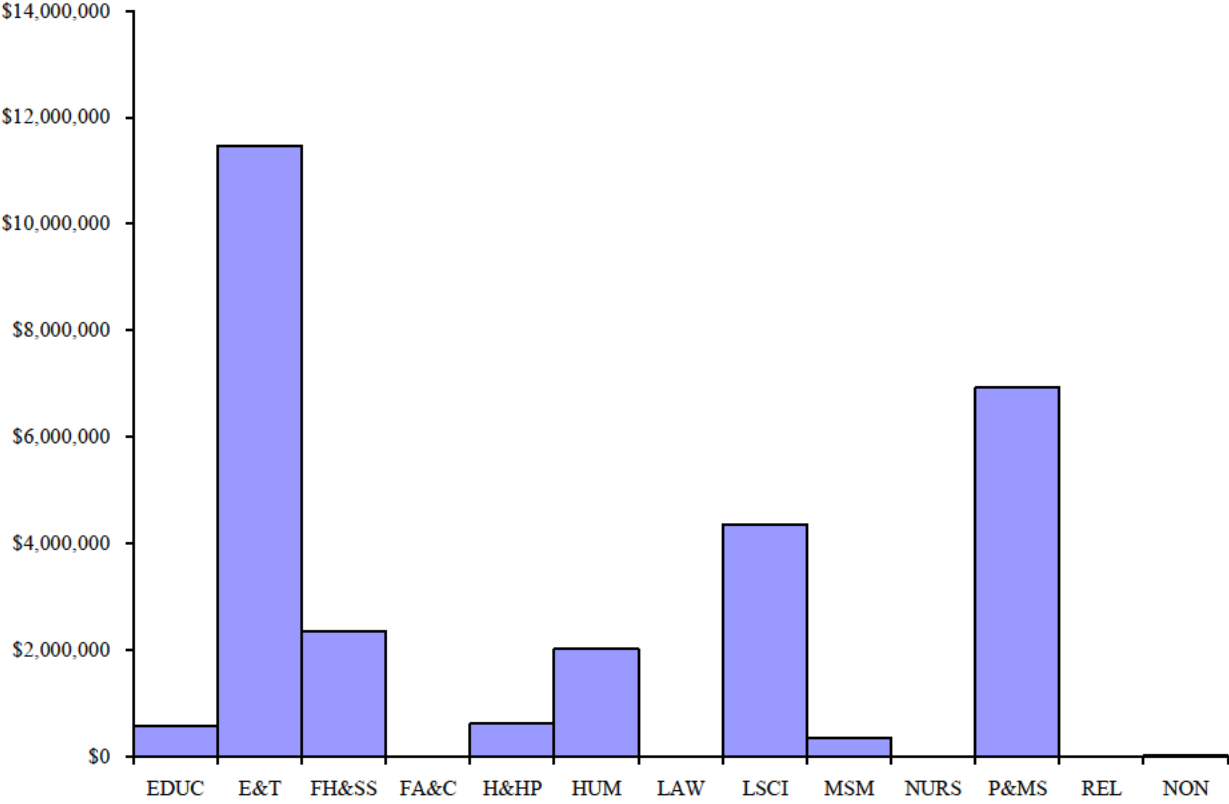




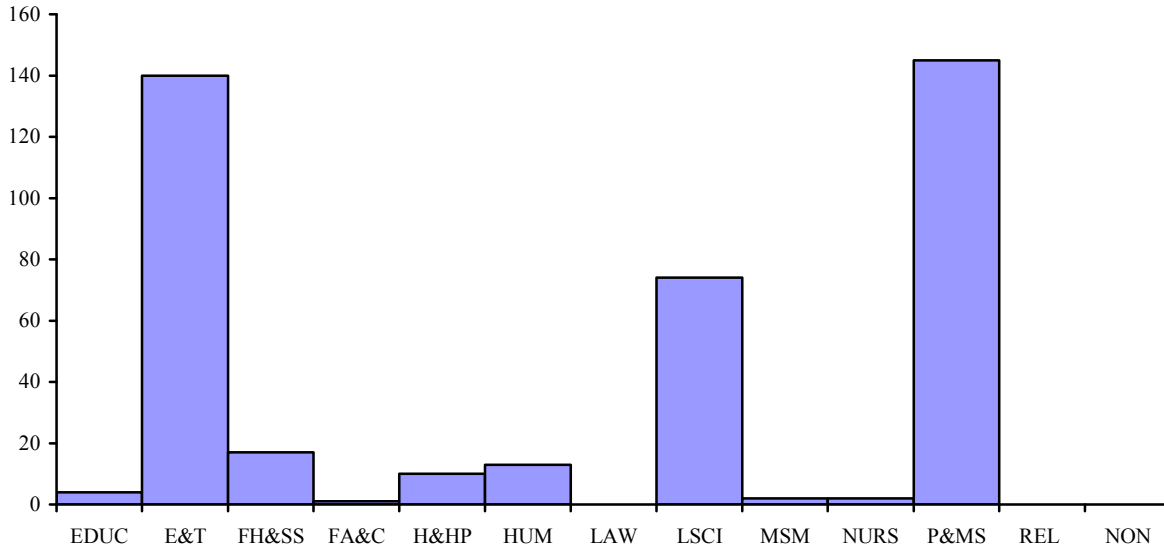
Information by College or School

Award Amount Totals 2007

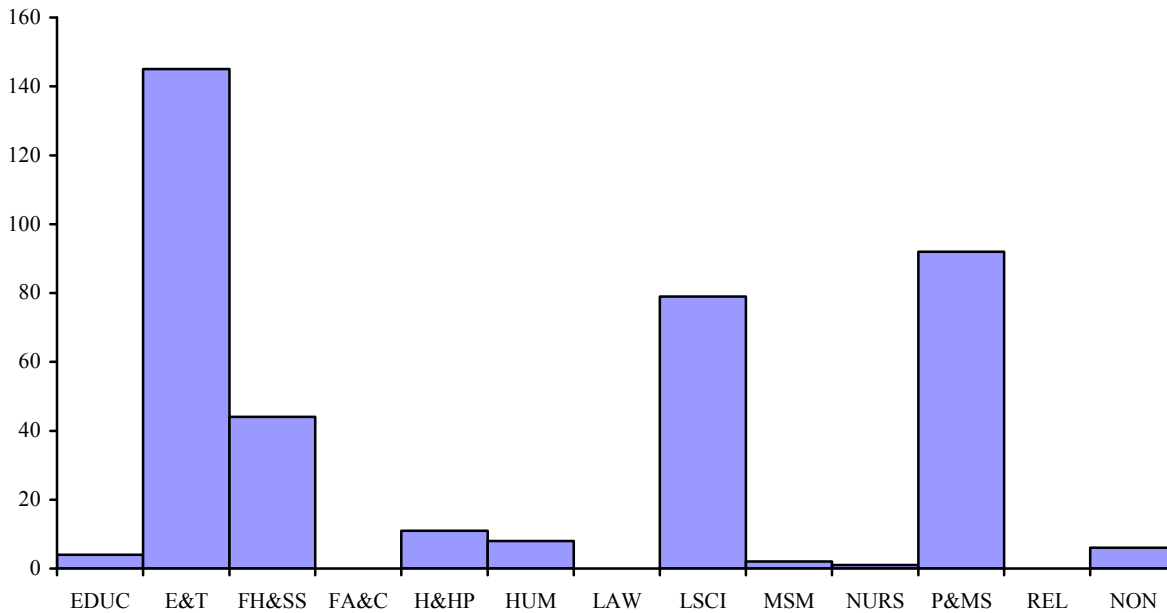
<i>College or School</i>	<i>Total</i>
Education	\$587,279
Engineering & Technology	\$11,472,300
Family, Home & Social Sciences	\$2,346,782
Fine Arts & Communications	\$0
Health & Human Performance	\$616,089
Humanities	\$2,022,930
J. Reuben Clark Law School	\$0
Life Sciences	\$4,358,347
Marriot School 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



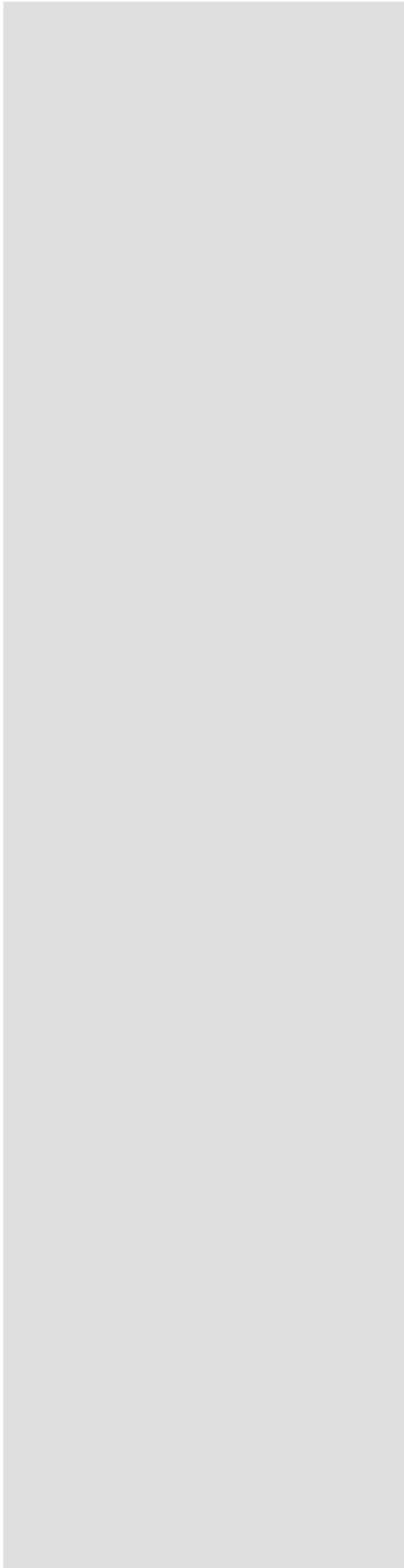
Number of Awards 2007



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

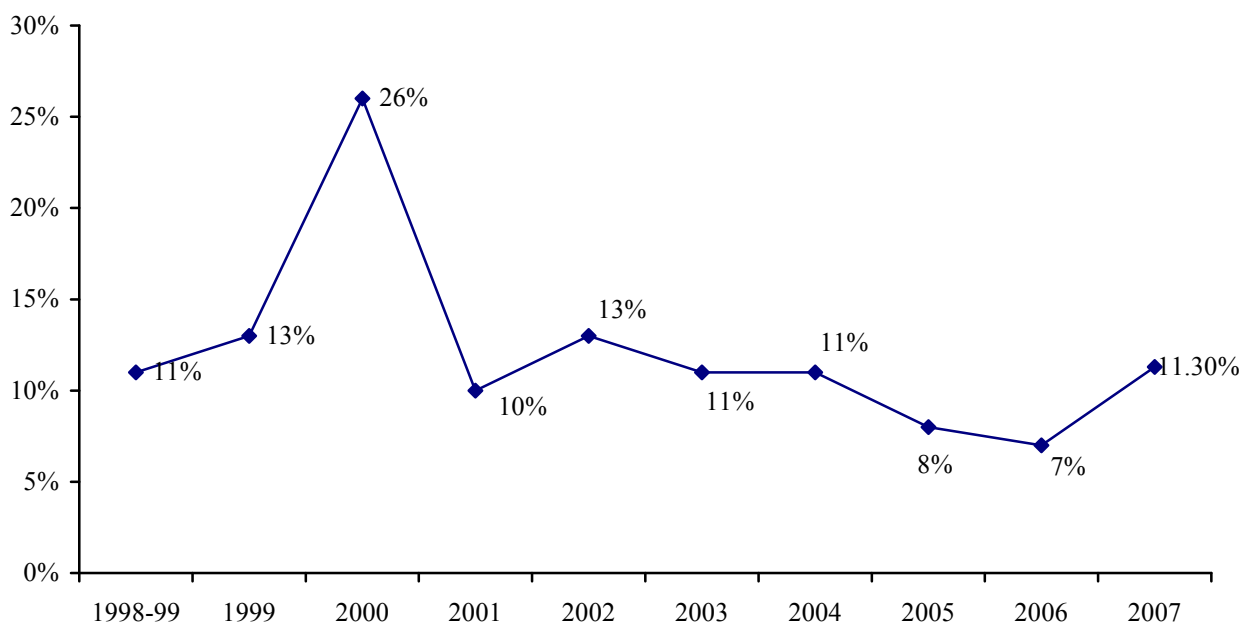


David O.
McKay
School
of Education

Summary of Sponsored Research (Grants & Contracts)

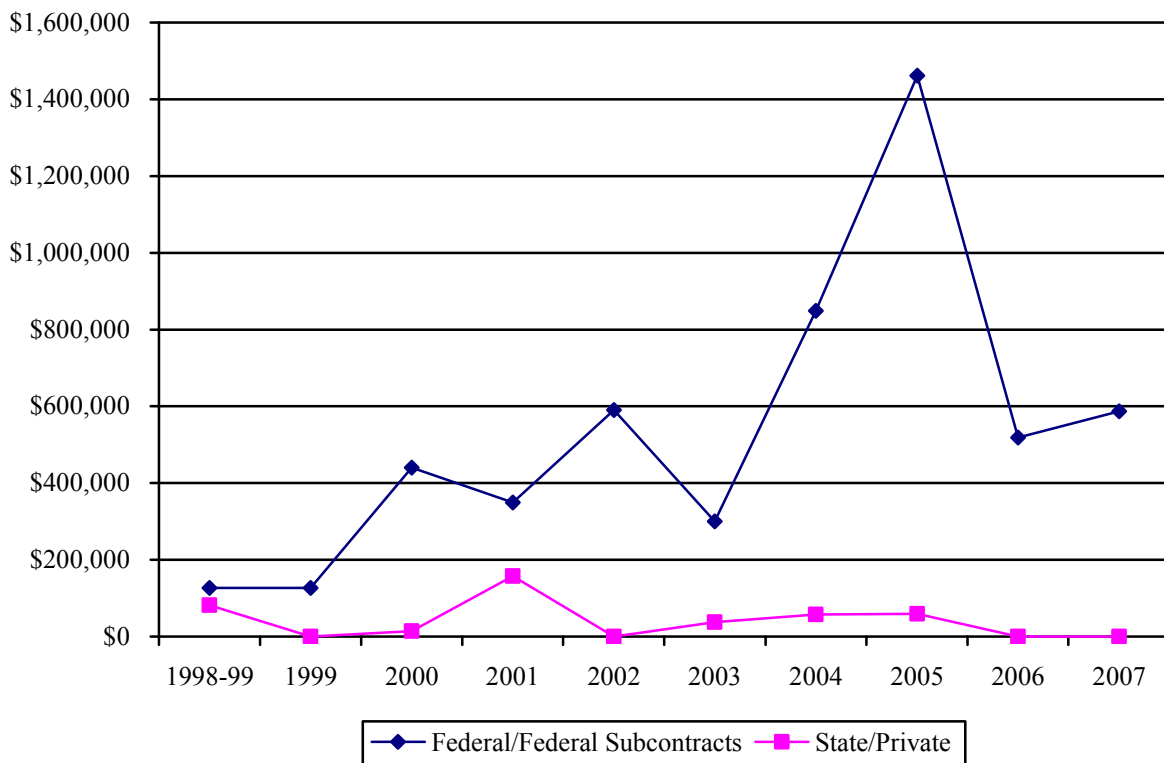
Department	# of Faculty	# of Faculty Submitting	# of Proposals Submitted	# of Awards	Dollars Awarded
Communication Disorders	9	2	2	1	\$49,010
Counseling Psych & Special Ed.	13	0	0	1	\$195,507
Ed. Leadership & Foundations	12	0	0	0	\$0
Instructional Psych. & Tech.	6	2	0	1	\$43,727
Teacher Education	22	3	2	1	\$229,035
TOTALS	62	7	4	4	\$587,279

Proposal Submission Activity



External Research Funding (All Sources)

Year	Grants/Contracts		Total
	Federal/Federal Subcontracts	State/Private	
1998-99	\$126,400	\$81,400	\$207,800
1999	\$126,400	\$0	\$126,400
2000	\$439,960	\$14,400	\$454,360
2001	\$349,123	\$157,560	\$506,683
2002	\$590,209	\$0	\$590,209
2003	\$300,000	\$37,330	\$337,330
2004	\$848,955	\$57,614	\$906,569
2005	\$1,461,367	\$59,510	\$1,520,877
2006	\$519,011	\$0	\$519,011
2007	\$587,279	\$0	\$587,279



David O. McKay School of Education 2007 Awards

<u>PI</u>	<u>Co-PI</u>	<u>Sponsor</u>	<u>Title</u>	<u>Start Date</u>	<u>End Date</u>	<u>Type</u>	<u>Amount</u>
<i>Communication Disorders</i>							
Blair, Nancy		Utah State Office of Education	Part-time SLP Supervisors	7/1/2006	6/30/2007	2	\$49,010
<i>Counseling Psychology and Special Education</i>							
Prater, Mary Anne		Dept of Education	Preparing New Educators to Teach Students....	10/1/2006	9/30/2007	1	\$195,507
<i>Instructional Psychology and Technology</i>							
Sudweeks, Richard		Utah State Univ (Dept of Educ)	Connecting Primary Grade Teacher Knowledge to Primary Grade Student Achievement	10/1/2005	9/30/2006	2	\$43,727
<i>Teacher Education</i>							
Pinnegar, Stefinee		Dept of Education	Bilingual ESL Endorsement	9/1/2006	8/31/2007	1	\$229,035

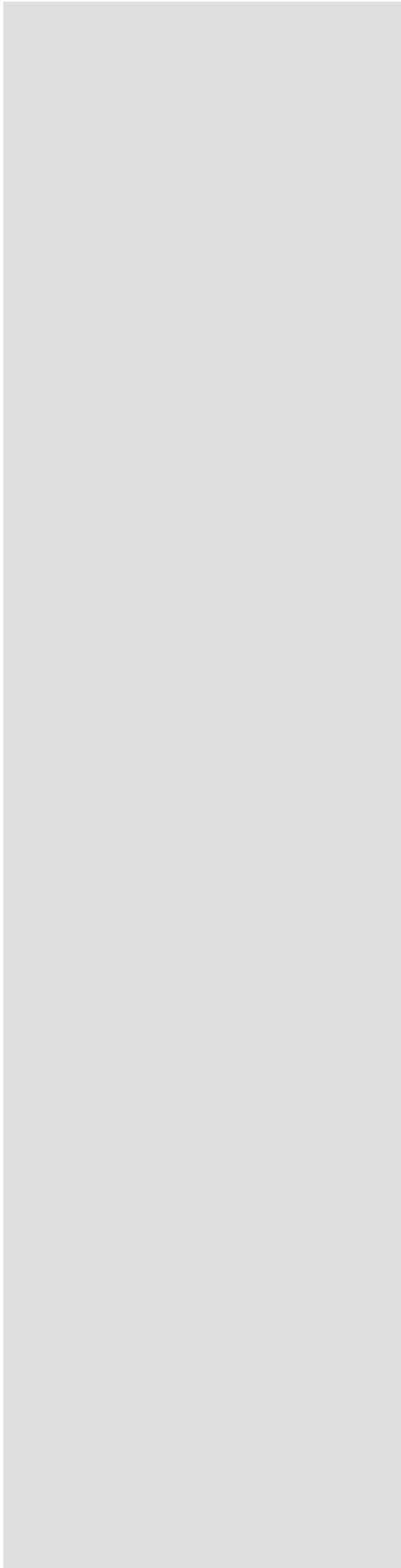
Type: 1=Federal; 2=Federal Subcontract; 3=State; 4=Private

Department Totals	
Communication Disorders	\$49,010
Center for Improvement of Teacher Education and Schooling (CITIES)	\$0
Continuing Education	\$0
Counseling Psychology & Special Education	\$195,507
Educational Leadership & Foundations	\$0
Instructional Psychology & Technology	\$43,727
Teacher Education	\$229,035
College Total:	\$587,279

Education

Source Breakdown of Grants and Contracts

Sponsor	Number Awarded	Total Amount
Federal		
US Dept of Education	1	\$195,507
OELA (Dept of Ed)	1	\$299,035
Total	2	\$494,542
Subcontracts		
Utah State University (Dept of ED)	1	\$49,010
UT State Office of ED	1	\$43,727
Total	2	\$92,737
State		
None		
Private		
None		
Total	4	\$587,279

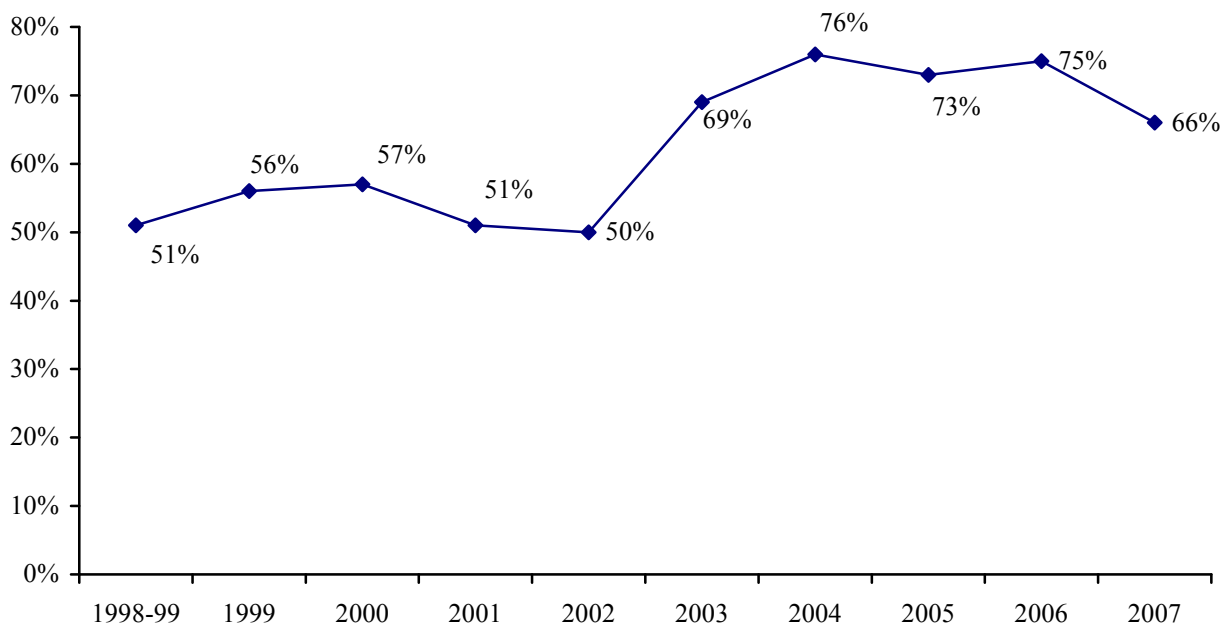


Fulton College of Engineering & Technology

Summary of Sponsored Research (Grants & Contracts)

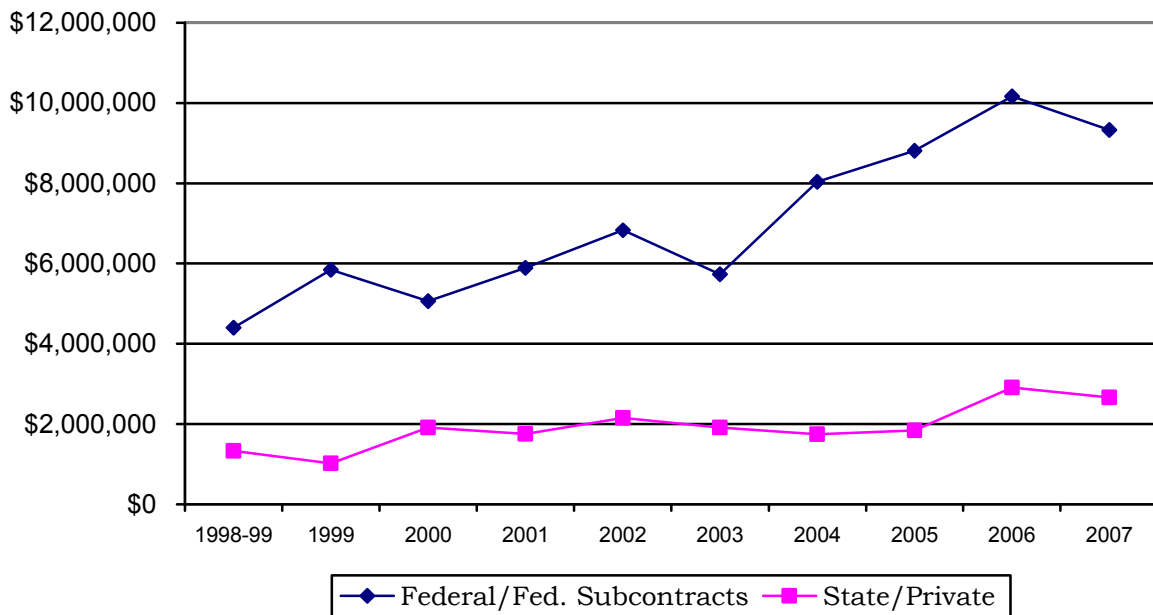
Department	# of Faculty	# of Faculty Submitting	# of Proposals Submitted	# of Awards	Dollars Awarded
Chemical Engineering	13	10	25	30	\$3,179,394
Civil & Environmental Engineering	17	11	21	27	\$1,668,970
Electrical & Computer Engineering	22	18	52	49	\$4,547,095
Mechanical Engineering	23	20	38	38	\$2,559,908
School of Technology	22	5	4	1	\$5,000
TOTALS	97	64	140	145	\$11,960,367

Proposal Submission Activity



External Research Funding (All Sources)

Year	Grants/Contracts		Total
	Federal/Federal Subcontracts	State/Private	
1998-99	\$4,400,195	\$1,334,014	\$5,734,209
1999	\$5,837,930	\$1,018,434	\$6,856,364
2000	\$5,058,375	\$1,910,470	\$6,968,845
2001	\$5,885,021	\$1,755,752	\$7,640,773
2002	\$6,826,798	\$2,149,658	\$8,976,456
2003	\$5,731,605	\$1,909,861	\$7,641,466
2004	\$8,037,592	\$1,745,891	\$9,783,483
2005	\$8,809,076	\$1,842,299	\$10,651,375
2006	\$10,164,290	\$2,905,036	\$13,069,326
2007	\$9,329,809	\$2,657,764	\$11,987,573



College of Engineering & Technology 2007 Awards

<u>PI</u>	<u>Co-PI</u>	<u>Sponsor</u>	<u>Title</u>	<u>Start Date</u>	<u>End Date</u>	<u>Amount</u>
<i>Civil & Environmental Engineering</i>						
Fonseca, Fernando		SW Management	Axial Capacit of Endura Wall System	2/1/2007	8/10/2007	\$39,023
Gerber, Travis		USGS	Liquification Induced Ground Failure Maps	12/1/2006	11/31/07	\$10,000
Gerber, Travis		NSF	Dynamic Passive Pressure on Full Scalepile Caps	10/1/2004	9/30/2008	\$10,500
Gerber, Travis		UDOT	Assessment & Analysis of MSE Wall Inventory	4/1/2007	9/1/2008	\$29,670
Guthrie, Spencer		UDOT	Corrosion of Steel in Concrete Bridge Decks	12/1/2006	12/31/2008	\$30,000
Guthrie, Spencer	w/McBride, John	Nye County, NV	Geophysical & Geological Investigation of Sub-surface Hydrogeology	7/1/2007	6/15/2008	\$19,427
Guthrie, Spencer		UAF (USDOT)	Reduction of Base Courses During Thawing	9/1/2007	6/30/2009	\$9,337
Guthrie, Spencer		UDOT	Use of Falling-Weight Deflectometer Data for Pavement Management	12/1/2007	7/31/2009	\$14,000
Hotchkiss, Rollin		UDOT	Fish Passage in Utah Culverts	6/1/2006	6/1/2008	\$17,479
Hotchkiss, Rollin		UDOT	Fish Passage in Utah Culverts	6/1/2006	6/1/2008	\$27,500
Hotchkiss, Rollin		CUWCD	Sediment movment and sediment composition in Hobble Creek	3/1/2007	8/27/2007	\$7,025
Hotchkiss, Rollin		UDOT	Fish Passage in Utah Culverts	6/1/2006	6/1/2008	\$27,500
Hotchkiss, Rollin		EMS-I (FHWA)	Numerical Modeling of Culvert Hydraulics	9/1/2005	2/28/2008	\$25,000
Hotchkiss, Rollin		UDOT	Fish Passage at Rehabilitated Culverts - Phase 1	11/1/2007	6/1/2009	\$63,827
Jones, Norm		Auburn (DOE)	Modeling methods and tools for porous media	1/1/2007	12/31/2007	\$32,640
Jones, Norm		Army WES	Hydrosystems Modeling	9/1/2002	10/31/2007	\$517,000
Jones, Norman		Army WES	Hydrosystems Modeling amendment #27	9/1/2002	10/31/2007	\$73,334
Jones, Norman		Army WES	Hydrosystems Modeling amendment #26	9/1/2002	10/31/2007	\$10,000
Jones, Norman		Army WES	SMS Cascade Version 1, #29	9/1/2002	10/31/2007	\$15,000
Jones, Norman		Army WES	Tidal Analysis Toolbox, #30	9/1/2002	10/31/2007	\$13,000
Jones, Norman		Army WES	SMS 10.2, #31	9/1/2002	10/31/2007	\$39,048
Nelson, E. James	w/Hotchkiss, Rollin	EMS-I (FHWA)	Numerical Modeling of Culvert Hydraulics	9/1/2005	2/28/2008	\$25,000
Nelson, James	w/ Jones, Norm	Army WES	Hydrosystems Modeling amendment #27	9/1/2002	10/31/2007	\$73,333
Nelson, James	w/ Jones, Norm	Army WES	Hydrosystems Modeling amendment #26	9/1/2002	10/31/2007	\$10,000
Nelson, Jim		Bureau of Reclamation	Reservoir Modeling and Supporting Montioring Needs	8/2/2007	9/30/2009	\$11,000
Richards, Paul		American Inst of Steel Const	Performance of EBF Links with Reduced Web Section	9/1/2007	1/1/2008	\$15,000
Rollins, Kyle		UDOT	Stone Column Treatment with Wick Drains in Sand	11/1/2006	7/1/2008	\$49,243
Rollins, Kyle	w/ Gerber, Travis	NSF	Dynamic Passive Pressure on Full Scalepile Caps	10/1/2004	9/30/2008	\$10,500
Saito, Mitsuru		UDOT	Analysis of Work Zone Crashes (April 2007)	5/1/2005	12/31/2007	\$2,200
Schultz, Grant		State of UT (UDOT)	Crashes in the Vicinity of Major Crossroads	9/1/2007	12/31/2007	\$40,000
Williams, Gus		DOE	Incorporating Geometric Info into Hyperspectral Analysis	1/1/2006	1/1/2006	\$240,000
Williams, Gus	w/Nelson, Jim	Bureau of Reclamation	Reservoir Modeling and Supporting Montioring Needs	8/2/2007	9/30/2009	\$11,000
Williams, Gustavious		Natl Security Tech (DOE)	Low Wind Speed Air Trasnport Modeling and Experiments	4/18/2007	11/30/2007	\$15,000
Zundel, Alan	w/ Jones, Norm	Army WES	Hydrosystems Modeling amendment #27	9/1/2002	10/31/2007	\$73,333
Zundel, Alan	w/ Jones, Norm	Army WES	Hydrosystems Modeling amendment #26	9/1/2002	10/31/2007	\$10,000
<i>Chemical Engineering</i>						
Bartholomew, Cal		Fischer Tropsch (Int Composting Corp)	Fischer Tropsch Consortium Agreement	7/15/2007	7/14/2008	\$15,000
Bartholomew, Calvin		Kryogen, USA, LLC	Fischer-Tropsch Research Consortium Agreement	8/8/2007	7/14/2008	\$15,000
Bartholomew, Calvin		Ceramatec	Fischer-Tropsch Research Consortium Agreement	7/15/2007	7/14/2008	\$15,000
Bartholomew, Calvin	w/ Hecker, William	INL (DOE)	FT Reactor Model and Experimental support	12/10/2007	9/30/2008	\$12,500
Baxter, Larry		Metso Power Oy	Metso Internships for Jason Bray and Jacob Beutler	5/1/2007	8/31/2007	\$62,000

Baxter, Larry		INL	Gasification Slag Analysis	8/1/2007	9/30/2007	\$16,770
Baxter, Larry		GE	Coal Gasification Technology	1/1/2006	12/31/2008	\$74,500
Baxter, Larry	w/Maynes, Dan	GE	Coal Gasification Technology	1/1/2006	12/31/2008	\$26,250
Baxter, Larry		INL	Gasification Model Development	8/1/2007	9/30/2008	\$59,273
Baxter, Larry		Metso Power	Metso Internships	5/1/2007	8/31/2007	\$2,798
Beckstead, Merrill		SEA (AFOSR)	Modeling Solid Propellant Combustion	8/1/2006	4/30/2007	\$30,227
Beckstead, Merrill		SEA (ONR)	Fundamental Modeling of Propellant Ingredients	9/30/2001	12/31/2007	\$50,000
Beckstead, Merrill		CFDRC	Fast Cook-off Modeling of Energetic Materials	4/16/2007	9/15/2007	\$23,989
Beckstead, Merrill		ATK/Thiokol	Modeling Solid Propellant Combustion Using Parpack	6/8/2005	3/28/2008	\$50,000
Beckstead, Merrill		Software & Eng Assoc (ONR)	Fundamental Modeling for Propellant Ingredients	12/1/2004	12/31/2007	\$50,000
Beckstead, Merrill		ATK Launch Systems	Fast Cook-off Modeling of Energetic Materials	6/8/2005	12/26/2008	\$25,000
Beckstead, Merrill		ATK Launch Systems	Fast Cook off Modeling of Materials (Apr 07)	6/8/2005	12/26/2008	\$8,916
Fletcher, Thomas		Siemens Inc.	Nitrogen Evolution During Coal Pyrolysis	1/4/2007	9/1/2007	\$50,250
Fletcher, Thomas		U of Ut(Chevron)	A Reaction Model for Oil Shale	1/1/2007	12/31/2007	\$66,622
Fletcher, Thomas		USDA Forest Service	Combustion Characteristics of Live Wildland Fuels	8/1/2006	9/30/2008	\$20,000
Fletcher, Thomas		DOE (SCIES)	Deposition of Alt Fuels (Syngas) on Turbine Blades w/ Film Cooling	8/1/2005	7/31/2008	\$67,664
Fletcher, Tom	w/ Bons, Jeff	Clemson (DOE)	Deposition of Syngas Fuels on Turbine Blades	8/1/2005	1/31/2008	\$33,832
Harb, John		NSF	Chemically Directed Surface Alignment/Wiring-Nanoelectrical Circuit	7/1/2007	6/30/2011	\$200,000
Harb, John N.		John Hopkins (NIH)	Power Harvesting in Implanted Neural Probes	4/4/2006	4/30/2008	\$38,750
Harb, John N.	w/Wheeler, Dean	UCU (LBL)	High Performance Electrodes for Li-Ion Batteries	8/23/2004	8/31/2008	\$75,745
Hecker, Bill	w/Bartholomew, Calvin	Ceramatec	Fischer-Tropsch Research Consortium Agreement	7/15/2007	7/14/2008	\$15,000
Hecker, William	w/Bartholomew, Calvin	Kryogen, USA, LLC	Fischer-Tropsch Research Consortium Agreement	8/8/2007	7/14/2008	\$15,000
Hecker, William	w/Bartholomew, Cal	Fischer Tropsch (Int Composting Corp)	Fischer Tropsch Consortium Agreement	7/15/2007	7/14/2008	\$15,000
Hecker, William		INL (DOE)	FT Reactor Model and Experimental support	12/10/2007	9/30/2008	\$12,500
Lewis, Randy		OSU (Coskata, Inc.)	Syngas Conversion to Ethanol Research	12/4/2006	12/3/2008	\$276,036
Lewis, Randy		OSU (USDA)	Bio-mass Based Energy Renewal	7/1/2006	6/30/2007	\$35,000
Lewis, Randy		OSU (DOT)	Effects of Syngas Sources on Ethanol Production	7/1/2007	12/31/2007	\$22,452
Oscarson, John	w/ Izatt, Reed	US Army	Modeling and Thermodynamic Study	8/1/2006	12-31-07	\$60,000
Oscarson, John	w/ Rowley, Richard	AICHe	Evaluated Pure Chemical Database	1/1/1998	12/31/2010	\$100,000
Oscarson, John L.	w/Rowley, Richard	AICHe	DIPPR 801: Evaluated Pure Chemical Database	8/1/1997	12/31/2010	\$108,333
Oscarson, John L.	w/ Izatt, Reed	ONRRO Seattle	Modeling and Thermodynamic Study	8/1/2006	12/31/2008	\$60,000
Rowley, Richard		AICHe	Evaluated Pure Chemical Database	1/1/1998	12/31/2010	\$100,000
Rowley, Richard		AICHe	DIPPR 801: Evaluated Pure Chemical Database	8/1/1997	12/31/2010	\$108,334
Terry, Ron		USU (NSF)	National Center for Engineering and Tech Education	9/15/2004	8/31/2008	\$103,157
Wheeler, Dean		UCU (LBL)	High Performance Electrodes for Li-Ion Batteries	8/23/2004	8/31/2008	\$75,745
Wheeler, Dean	w/ Gerald Watt	NASA	Electroanalysis Research	6/4/2007	6/3/2008	\$80,000
Wheeler, Dean	w/Harb, John	NSF	Chemically Directed Surface Alignment/Wiring-Nanoelectrical Circuits	7/1/2007	6/30/2011	\$200,000
Wilding, Vincent	w/ Rowley, Richard	AICHe	Evaluated Pure Chemical Database	1/1/1998	12/31/2010	\$100,000
Wilding, W. Vincent	w/Rowley, Richard	AICHe	DIPPR 801: Evaluated Pure Chemical Database	8/1/1997	12/31/2010	\$108,333
<i>Electrical & Computer Engineering</i>						
Archibald, James		Procerus	Real Time High Resolution RGB Bayer Pattern Conversion	5/8/2006	Open	\$1,800
Archibald, James	w/Lee, D. J	NIH	multiple image components with spatial and geometrical constraints	9/27/2007	9/26/2008	\$25,000
Beard, Randal		Scientific Sys (Air Force)	Collision Detection & Avoidance for Micro Air Vehicles	7/14/2006	4/14/2007	\$7,500
Beard, Randal		SET Corp. (AFRL)	UAV UGV Urban Tracking Effort Phase1	4/26/2007	10/26/2007	\$33,333

Beard, Randal		Scientific Systems (NASA)	Surveillance of Forest Fires Using Teams of UAV's	5/23/2005	11/22/2007	\$12,500
Beard, Randal		SSCI (Air Force)	Visual Collision Detection & Avoidance for Micro Air Vehicle	9/1/2007	9/9/2008	\$41,720
Beard, Randal		NSF	Communication & Control for Multiple Unmanned Air Vehicles	9/1/2004	8/31/2009	\$83,330
Beard, Randall		NSF	2007 American Control Conference - Student Travel Grant	9/1/2007	8/31/2008	\$16,500
Beard, Randy	w/ McLain, Tim	INL	Deployment & Tracking for Micro Air Vehicles	1/11/2007	12/31/2007	\$37,992
Beard, Randy		SSCI (NASA)	Autonomous Surveillance of Forest Fires with UAV's	3/23/2005	5/22/2007	\$82,500
Beard, Randy		NSF	Communications and Control for Multiple Miniature Unmanned Air Vehicles	9/1/2004	8/31/2008	\$50,732
Hawkins, Aaron		U of Santa Cruz (NIH)	Biomedical Sensors Using Integrated Optical Waveguides	4/1/2006	1/31/2008	\$105,408
Hawkins, Aaron		U of Santa Cruz (AFOSR)	Single-photon Nonlinear Optics in Integrated Hollow-core Waveguides	6/15/2005	12/14/2007	\$86,600
Hawkins, Aaron		NSF	Integrated Optics Using Quantum State Control	4/15/2005	3/31/2008	\$6,000
Hawkins, Aaron		NSF	Integrated Optical & Electrical Single Molecule Sensors	9/1/2005	8/31/2008	\$6,000
Hawkins, Aaron		NSF	Impact Ionization Based Multipliers for Optical Receivers	4/15/2007	3/31/2010	\$270,000
Hawkins, Aaron		U of CA, Santa Cruz(NIH)	Single Biomedical Sensors Using Optical Waveguides	4/1/2006	1/31/2008	\$22,531
Hawkins, Aaron		NSF	Acquisition of chlorine based reactive etcher	6/1/2007	5/30/2010	\$60,000
Huckaby, Jacob	w/Nordin, Greg	NSF	MEMS Based Chemical & Biological Sensors	7/31/2006	8/31/2007	\$10,000
Hutchings, Brad	w/ Wirthlin, M	DARPA / WPAFB	FPGA Design Methods and Tool Flows	9/1/2007	5/31/2008	\$116,155
Jeffs, Brian		NSF	FRI Mitigation for Radio Astronomy w/ Emphasis on Array Feeds	9/15/2004	8/31/2008	\$7,500
Jensen, Brian	w/ Hawkins, Aaron	NSF	Acquisition of chlorine based reactive etcher	6/1/2007	5/30/2010	\$60,000
Jensen, Michael	w/Rice, Michael	Edwards AFB	Design of Aeronautical Telemetry Space-Time Decoder	3/2/2005	12/10/2007	\$64,050
Jensen, Michael	w/ Beard, Randy	NSF	Communications and Control for Multiple Miniature Unmanned Air Vehicles	9/1/2004	8/31/2008	\$50,732
Jensen, Michael	w/Brian Jeffs	NSF	FRI Mitigation for Radio Astronomy w/ Emphasis on Array Feeds	9/15/2004	8/31/2008	\$7,500
Jensen, Michael		UCSD (ARO)	Directional Routing & Scheduling for Secure Mobile Ad-hoc Networks	6/1/2004	12/31/2007	\$134,228
Jensen, Michael	w/ Beard, Randal	NSF	Communication & Control for Multiple Unmanned Air Vehicles	9/1/2004	8/31/2009	\$83,330
Jensen, Michael		UCDavis (Army)	Architecture for Secure resilient Tactical mobile ad hoc networks	6/1/2007	11/30/2010	\$305,000
Lee, D. J.		NIH	multiple image components with spatial and geometrical constraints	9/27/2007	9/26/2008	\$25,000
Lee, DJ	w/ Archibald, James	Procerus	Real Time High-Res RGB Bayer Pattern Conversion for NTSC Video	5/8/2006	Open	\$1,800
Long, David		Uof CO Boulder (NASA)	Investigations of Sea Ice Processes from EOS Sensors	9/1/2004	8/31/2007	-\$36,171
Long, David		NASA	Scatterometer Climate Record Pathfinder	4/1/2002	3/31/2009	\$290,000
Long, David		JPL (NASA)	Ultra High Resolution Wind, Backscatter, Brightness Temp	5/16/2006	7/13/2007	\$1,220
Long, David		USU/SDL (NASA)	BYU microSAR fabrication and upgrade	5/1/2006	6/30/2008	\$41,000
Long, David		NSF	Collaborative Research: Free Drifting Icebergs	9/1/2007	8/31/2008	\$7,541
Long, David		JPL (NASA)	Ultra High Resolution Backscatter and Brightness Temps.	5/16/2006	6/27/2010	\$189,222
Long, David		NESDIS/NOAA	Ultra High Spatial Resolution Wind Retrievals	9/21/2007	6/20/2008	\$66,500
Long, David		U of U (NASA)	Space Grant Program	3/1/2005	2/28/2008	\$18,000
Long, David		USU (DOD)	MicroSAR Fabrication and Upgrade (Sep/Nov award/reduction)	5/1/2006	11/15/2007	\$7,478
Long, David G		Uof U (NASA)	Space Grant Program	3/1/2005	2/28/2008	\$32,000
McLain, Tim	w/Beard, Randy	NSF	Communications and Control for Multiple Miniature Unmanned Air Vehicles	9/1/2004	8/31/2008	\$50,732
McLain, Timothy	w/ Beard, Randal	NSF	Communication & Control for Multiple Unmanned Air Vehicles	9/1/2004	8/31/2009	\$83,330
Moon, Todd	w/Beard, Randy	NSF	Communications and Control for Multiple Miniature Unmanned Air Vehicles	9/1/2004	8/31/2008	\$50,732
Nelson, Brent		NSF	Brigham Young University to Join the I/UCRC CHREC Center	2/15/2007	1/31/2008	\$5,000
Nelson, Brent	w/Rice, Michael	Edwards AFB	Design of Aeronautical Telemetry Space-Time Decoder	3/2/2005	12/10/2007	\$64,050
Nelson, Brent		Sandia (DOE)	Center for High-Performance Reconfigurable Computing	8/1/2007	7/31/2008	\$17,500
Nelson, Brent	w/ Wirthlin, M	DARPA / WPAFB	FPGA Design Methods and Tool Flows	9/1/2007	5/31/2008	\$116,155
Nelson, Brent		Rincon Research Corp.	Center for High Performance reconfigurable Computing	11/27/2007	11/26/2008	\$17,500
Nordin, Greg	w/ Hawkins,	NSF	Acquisition of chlorine based reactive etcher	6/1/2007	5/30/2010	\$60,000

Aaron						
Nordin, Greg		NSF	MEMS Based Chemical & Biological Sensors	7/31/2006	8/31/2007	\$10,000
Nordin, Greg		ACTR	Prototype Device Fabrication	8/9/2006	12/31/2007	\$43,301
Nordin, Greg		NSF	MEMS Based Chemical & Biological Sensors	7/31/2006	2/29/2008	\$96,000
Nordin, Greg		Innolume, Inc.	Silicon Photonic Device Development	9/20/2007	12/31/2007	\$43,111
Rice, Michael		Edwards AFB	Design of Aeronautical Telemetry Space-Time Decoder Evaluating the Accuracy Level of Truck Traffic Data	3/2/2005	12/10/2007	\$64,051
Saito, Mitsuru		UDOT		7/1/2007	12/31/2008	\$45,000
Schultz, Stephen		NAVY	D-Fibre Sensors in Harsh Environments Optical fibre Transducer for High Power Microwaves	4/25/2006	1/16/2008	\$243,400
Schultz, Stephen		IPITEK	Optical Fibre Transducer for High Power Microwaves	7/19/2005	10/30/2007	\$20,000
Schultz, Stephen		IPITEK (DOD)		7/19/2005	10/31/2007	\$23,565
Schultz, Stephen	w/ Hawkins, Aaron	NSF	Acquisition of chlorine based reactive etcher	6/1/2007	5/30/2010	\$60,000
Selfridge, Richard	w/ Schultz, Stephen	NAVY	D-Fibre Sensors in Harsh Environments Optical fibre Transducer for High Power Microwaves	4/25/2006	1/16/2008	\$20,000
Selfridge, Richard	w/ Schultz, Stephen	IPITEK	Optical Fibre Transducer for High Power Microwaves	7/19/2005	10/30/2007	\$20,000
Selfridge, Richard	w/ Schultz, Stephen	IPITEK (DOD)		7/19/2005	10/31/2007	\$23,565
Stirling, Wynn		Dept of Army	Socially Coherent Negotiations for Cooperative Multiagent Systems Vision Assisted Navigation for Miniature Air Vehicles	10/1/017	3/31/2008	\$30,000
Taylor, Clark		AFOSR		2/1/2007	11/30/2007	\$99,603
Taylor, Clark		SelectTech (AFRL)	Enhanced Utilization of SUAV Video	4/1/2007	3/22/2008	\$49,809
Warnick, Karl	w/Brian Jeffs	NSF	FRI Mitigation for Radio Astronomy w/ Emphasis on Array Feeds	9/15/2004	8/31/2008	\$7,500
Wirthlin, Michael	w/ Nelson, Brent	NSF	Brigham Young University to Join the I/UCRC CHREC Center Auto Design Techniques for High-Performance & Reliable FPGA Design	2/15/2007	1/31/2008	\$5,000
Wirthlin, Michael		Los Alamos (DOE)		2/15/2007	1/28/2009	\$299,850
Wirthlin, Michael		DARPA / WPAFB	FPGA Design Methods and Tool Flows	9/1/2007	5/31/2008	\$116,155
Wirthlin, Michael		Sandia National Lab	Non-Volatile Memory Review and Analysis	9/1/2007	8/31/2008	\$100,000
Wirthlin, Mike		Sandia (DOE)	Non-Volatile Memory Review and Analysis Center for High-Performance Reconfigurable Computing	9/1/2007	12/31/2007	\$29,428
Wirthlin, Mike	w, Nelson, Brent	Sandia (DOE) Rincon Research Corp.		8/1/2007	7/31/2008	\$17,500
Wirthlin, Mike	w/Nelson, Brent w/ Hawkins, Aaron		Center for High Performance reconfigurable Computing	11/27/2007	11/26/2008	\$17,500
Woolley, Adam		NSF	Acquisition of chlorine based reactive etcher	6/1/2007	5/30/2010	\$60,000
<i>Mechanical Engineering</i>						
Adams, Brent		ARO	Microstructure Sensitive Design	7/26/2004	7/31/2007	\$90,300
Adams, Brent		AFOSR	Fundamental Role of Grain Boundaries	1/15/2005	12/31/2007	\$63,000
Archibald, Jim	w/ McLain, Tim	Utah COE	Unmanned Air Vehicle Center of Excellence	7/1/2004	6/30/2008	\$10,714
Beard, Randy	w/ McLain, Tim	Utah COE	Unmanned Air Vehicle Center of Excellence	7/1/2004	6/30/2008	\$10,714
Blotter, John	w/ Gee, Kent	STI Technologies	Energy Based Acoustic Measurement Sensors	8/1/2005	6/30/2008	\$16,666
Blotter, John		STI Technologies	Energy Based Acoustic Measurement Sensors	8/1/2005	6/30/2008	\$13,333
Blotter, Jonathan	w/ Maynes, Daniel	Genscape	Turbulence Flow Induced Vibrations in Pipe Systems	1/30/2007	1/29/2008	\$25,000
Blotter, Jonathan	w/ Maynes, Daniel	CCI Valve	Turbulence Flow Induced Vibrations in Pipe Systems	1/1/2007	12/31/2007	\$25,000
Blotter, Jonathan	w/Gee, Kent	Blue Ridge Research	Near-field Acoustical Holography System- Jet Noise Measurements	4/4/2007	3/1/2008	\$10,985
Bons, Jeffrey		NASA	Flow Control for Turbomachinery Blading	1/29/2007	7/28/2007	\$19,500
Bons, Jeffrey		AFOSR	Design and Modeling of Turbine Airfoils	3/1/2007	11/30/2007	\$54,270
Bons, Jeffrey		Clemson (DOE)	Deposition of Syngas Fuels on Turbine Blades	8/1/2005	1/31/2008	\$33,832
Bowman, Jerry	w/ McLain, Tim	Utah COE	Unmanned Air Vehicle Center of Excellence Autonomous Agents in Automated Product Development	7/1/2004	6/30/2008	\$10,714
Cox, Jordan		Pratt & Whitney		5/1/2007	4/30/2008	\$30,000
Goodrich, Mike	w/ McLain, Tim	Utah COE	Unmanned Air Vehicle Center of Excellence	7/1/2004	6/30/2008	\$10,714
Howell, Larry		MEMS (ARO)	Research on ARO ChemPen Project	7/6/2007	4/5/2008	\$20,000
Howell, Larry		MEMS (DARPA)	Research on DARPA NanoSwitch Program (MEM005)	7/6/2007	6/6/2008	\$25,000

Jensen, Brian	w/ Howell, Larry	MEMS (ARO)	Research on ARO ChemPen Project	7/6/2007	4/5/2008	\$20,000
Jensen, Brian	w/ Howell, Larry	MEMS (DARPA)	Research on DARPA NanoSwitch Program (MEM005)	7/6/2007	6/6/2008	\$25,000
Jensen, Greg		Pratt & Whitney	Task 34 - Automodeller Tools	1/18/2007	12/31/2008	\$12,000
Jensen, Greg		Pratt & Whitney	Task 35 - Discretization of Large Scale CFD Models	1/30/2007	12/31/2008	\$28,500
Jensen, Greg		Pratt & Whitney	Task 37 - Sync Ring Simulation Benchmarking	1/10/2007	12/31/2008	\$7,500
Jensen, Greg		Pratt & Whitney	Task #38 CI/CO Design Tools	3/5/2007	8/30/2007	\$44,200
Jensen, Greg		Pratt & Whitney	Task # 25; Hollow Fan Blade Development	2/25/2005	6/30/2007	\$31,730
Jensen, Greg		Pratt & Whitney	Task #40 IAS-PR Workforce Collaborative Dev	8/28/2007	12/31/2007	\$15,000
Jensen, Greg		Pratt & Whitney	Task #38 CI/CO Design Tools	6/15/2007	8/30/2007	\$2,652
Jensen, Greg		Pratt & Whitney	Task #39 Autonomous Agents in Automated Product Dev	5/1/2007	4/30/2008	\$1,800
Jensen, Greg		ATK	Model Analysis of Fairing and Interstage Assemblies	9/1/2007	8/1/2008	\$60,000
Jensen, Greg		Altair Engineering	Converting Topology Results to Parametric CAD	12/18/2007	12/17/2008	\$40,600
Jensen, Greg	w/ Red, Ed	General Motors	TEBIS 3.4 vs NX 5.0 (Sept 2007)	8/27/2007	1/30/2008	\$18,478
Jones, Matt	w/Maynes, Dan	GE	Coal Gasification Technology	1/1/2006	12/31/2008	\$26,250
Maynes, Dan		Genscape	Turbulence Flow Induced Vibrations in Pipe Systems	1/30/2007	1/29/2008	\$25,000
Maynes, Dan		CCI Valve	Turbulence Flow Induced Vibrations in Pipe Systems	1/1/2007	12/31/2007	\$25,000
Maynes, Dan		GE	Coal Gasification Technology	1/1/2006	12/31/2008	\$26,250
McLain, Tim		INL	Deployment & Tracking for Micro Air Vehicles	1/11/2007	12/31/2007	\$37,992
McLain, Tim	w/ Randy Beard	SSCI (NASA)	Autonomous Surveillance of Forest Fires with UAV's	3/23/2005	5/22/2007	\$82,500
McLain, Tim	w/Goodrich, Michael	NSF	UAV Surveillance of Forest Fires Using Teams of UAV's	11/1/2005	10/31/2008	\$4,000
McLain, Tim	w/ Beard, Randy	Scientific Systems (NASA)	UAV's	5/23/2005	11/22/2007	\$12,500
McLain, Tim		Utah COE	Unmanned Air Vehicle Center of Excellence	7/1/2004	6/30/2008	\$10,715
McLain, Timothy	w/ Beard, Randal	Scientific Sys (Air Force)	Collision Detection & Avoidance for Micro Air Vehicles	7/14/2006	4/14/2007	\$7,500
McLain, Timothy	w/ Beard, Randal	SSCI (Air Force)	Visual Collision Detection & Avoidance for Micro Air Vehicle	9/1/2007	9/9/2008	\$41,719
Nelson, Tracy		JFE Steele	Friction Stir Processing Industry Co-op Support to NSF	9/1/2004	12/31/2007	\$8,750
Nelson, Tracy		NSF	Friction Stir Processing	9/1/2004	8/31/2008	\$37,500
Nelson, Tracy		NSF	Friction Stir Processing	9/1/2004	8/31/2008	\$25,000
Nelson, Tracy		ONR	Studies in High Integrity Friction Stir Weldments	4/9/2007	5/31/2008	\$500,000
Nelson, Tracy		ONR	Friction Stir Welding Butt and T Joints in Thin Plates	11/14/2007	11/13/2009	\$68,000
Nelson, Tracy		Adv Metal Prod (ONR)	Portable Friction Stir Welding technology for Aluminum	7/9/2007	7/8/2008	\$10,462
Nelson, Tracy		Mitsubishi	Friction Stir Processing Coop (March 2007)	9/1/2004	8/31/2009	\$35,000
Nelson, Tracy		JFE Steel	Friction Stir Processing Coop (July 2007)	9/1/2004	8/31/2009	\$8,750
Nelson, Tracy		Hitachi Ltd.	Friction Stir Processing Coop (Feb 2007)	9/1/2004	8/31/2009	\$35,000
Nelson, Tracy		Swedish Nuc. Mgmt Co	Friction Stir Processing Consortium (Aug. 2007)	9/1/2006	9/30/2009	\$520
Red, Ed		General Motors	TEBIS 3.4 vs NX 5.0 (Sept 2007)	8/27/2007	1/30/2008	\$18,478
Snyder, Deryl	w/ McLain, Tim	Utah COE	Unmanned Air Vehicle Center of Excellence	7/1/2004	6/30/2008	\$10,715
Snyder, Deryl O.	w/ Bons, Jeffrey	AFOSR	Design and Modeling of Turbine Airfoils	3/1/2007	11/30/2007	\$54,270
Sorenson, Carl	w/ Nelson, Tracy	Adv Metal Prod (ONR)	Portable Friction Stir Welding technology for Aluminum	7/9/2007	7/8/2008	\$10,461
Sorenson, Carl	w/ Nelson, Tracy	NSF	Friction Stir Processing	9/1/2004	8/31/2008	\$37,500
Sorenson, Carl	w/ Nelson, Tracy	NSF	Friction Stir Processing	9/1/2004	8/31/2008	\$25,000
Sorenson, Carl	w/Nelson, Tracy	ONR	Studies in High Integrity Friction Stir Weldments	4/9/2007	5/31/2008	\$500,000
Taylor, Clark	w/ McLain, Tim	Utah COE	Unmanned Air Vehicle Center of Excellence	7/1/2004	6/30/2008	\$10,714
Thomson, Scott		NIH	Influence of Surface Adhesive Forces on Vocal Fold Stress	2/9/2007	1/31/2008	\$75,000
Todd, Robert		Polaris	Improving the wear resistance of cut sheaves	3/15/2006	12/31/2006	\$1,039
Tree, Dale		DOE	An Investigation of Nitrogen Evolution & Corrosion w/ OxyCombustion	9/1/2005	8/31/2008	\$66,000

Tree, Dale	w/ Baxter, Larry	GE	Coal Gasification Technology	1/1/2006	12/31/2008	\$74,500
Tree, Dale	w/Maynes, Dan	GE	Coal Gasification Technology	1/1/2006	12/31/2008	\$26,250
Webb, Brent		NSF	Emerging Scientist Travel Support; 5th Intrntl. Symposium	6/1/2007	5/31/2008	\$10,000
<i>School of Technology</i>						
Strong, Brent		Kern Family Foundation	Kern Family Foundation Proposal Preparation	6/14/2007	8/15/2007	\$5,000

Type: 1=Federal; 2=Federal Subcontract; 3=State; 4=Private

Department Totals	
Chemical Engineering	\$2,684,976
Civil & Environmental Engineering	\$1,615,919
Electrical & Computer Engineering	\$4,440,868
Mechanical Engineering	\$2,725,537
School of Technology	\$5,000
College Total:	\$11,472,300

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Source Breakdown of Grants and Contracts

Sponsor	No. Awarded	Amount
Federal Sponsors		
AFOSR	3	\$271,143
Army WES	6	\$834,048
ARO	1	\$90,300
Bureau of Reclamation	1	\$22,000
DARPA / WPAFB	1	\$348,465
Dept of Army	1	\$30,000
DOE	2	\$306,000
Edwards AFB	1	\$192,151
INL	2	\$152,027
JFE Steele	1	\$8,750
NASA	3	\$389,500
NAVY	1	\$243,400
NESDIS/NOAA	1	\$66,500
NIH	2	\$125,000
NSF	17	\$2,363,459
ONR	2	\$1,068,000
ONRRO Seattle	0	\$0
Sandia National Lab	1	\$100,000
Uof CO Boulder (NASA)	1	-\$36,171
US Army	0	\$0
USDA Forest Service	1	\$20,000
USGS	1	\$10,000
<i>Total</i>	49	\$6,604,572
Federal Subcontracts Sponsors		
Adv. Metal Prod. (ONR)	1	\$20,923
Auburn (DOE)	1	\$32,640
Blue Ridge Research	0	\$10,985
Clemson (DOE)	1	\$67,664
DOE (SCIES)	1	\$67,664
EMS-I (FHWA)	1	\$50,000
INL	1	\$59,273
INL (DOE)	1	\$25,000
IPITEK	1	\$40,000
IPITEK (DOD)	1	\$47,130
John Hopkins (NIH)	1	\$38,750
JPL (NASA)	2	\$190,442
Los Alamos (DOE)	1	\$299,850
MEMS (ARO)	1	\$40,000
MEMS (DARPA)	1	\$50,000
Natl Security Tech (DOE)	1	\$15,000
OSU (DOT)	1	\$22,452

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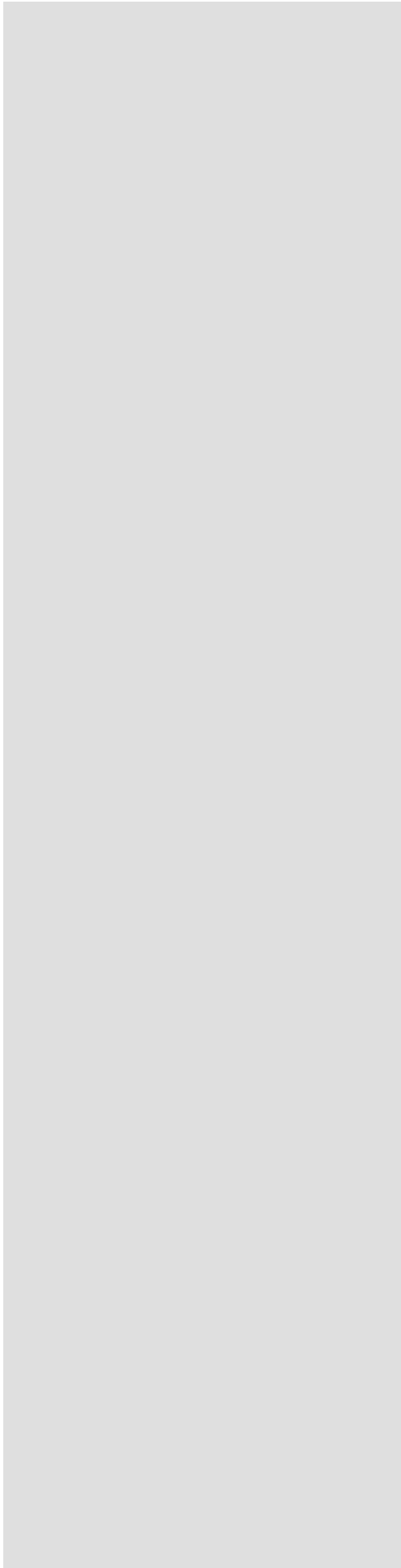
Source Breakdown of Grants and Contracts

OSU (USDA)	1	\$35,000
Sandia (DOE)	2	\$64,428
Scientific Sys. (Air Force)	1	\$15,000
Scientific Systems (NASA)	1	\$25,000
SEA (AFOSR)	1	\$30,227
SEA (ONR)	1	\$50,000
SelectTech (AFRL)	1	\$49,809
SET Corp. (AFRL)	1	\$33,333
Software & Eng. Assoc. (ONR)	1	\$50,000
SSCI (Air Force)	1	\$83,439
SSCI (NASA)	1	\$165,000
STI Technologies		\$29,999
U of CA, Santa Cruz(NIH)	1	\$22,531
U of Santa Cruz (AFOSR)	1	\$86,600
U of Santa Cruz (NIH)	1	\$105,408
U of U (NASA)	1	\$18,000
UAF (USDOT)	1	\$9,337
UCDavis (Army)	1	\$305,000
UCSD (ARO)	1	\$134,228
UCU (LBL)	1	\$151,490
Uof U (NASA)	1	\$32,000
USU (DOD)	1	\$7,478
USU (NSF)	1	\$103,157
USU/SDL (NASA)	1	\$41,000
<i>Total</i>	41	\$2,725,237
State Sponsors		
CUWCD	1	\$7,025
Nye County, NV	0	\$19,427
OSU (Coskata, Inc.)	1	\$276,036
State of UT (UDOT)	1	\$40,000
UDOT	8	\$243,940
Utah COE	1	\$75,000
<i>Total</i>	12	\$661,428
Private Sponsors		
ACTR	1	\$43,301
AIChE	2	\$625,000
Altair Engineering	1	\$40,600
American Inst. of Steel Const	1	\$15,000
ATK	1	\$60,000
ATK Launch Systems	2	\$33,916
ATK/Thiokol	1	\$50,000
CCI Valve	1	\$50,000
Ceramatec	1	\$30,000

Engineering & Technology

Source Breakdown of Grants and Contracts

CFDRC	1	\$23,989
Fischer Tropsch (Int. Composting Corp)	1	\$30,000
GE	2	\$254,000
General Motors	1	\$36,956
Genscape	1	\$50,000
Hitachi Ltd.	1	\$35,000
Innolume, Inc.	1	\$43,111
JFE Steel	1	\$8,750
Kern Family Foundation	1	\$5,000
Kryogen, USA, LLC	1	\$30,000
Metso Power	1	\$2,798
Metso Power Oy	1	\$62,000
Mitsubishi	1	\$35,000
Polaris	1	\$1,039
Pratt & Whitney	9	\$173,382
Procerus	1	\$3,600
Rincon Research Corp.	1	\$35,000
Siemens Inc.	1	\$50,250
SW Management	1	\$39,023
Swedish Nuc. Mgmt Co	1	\$520
U of Ut(Chevron)	1	\$66,622
UDOT	2	\$62,479
<i>Total</i>	43	\$1,996,336

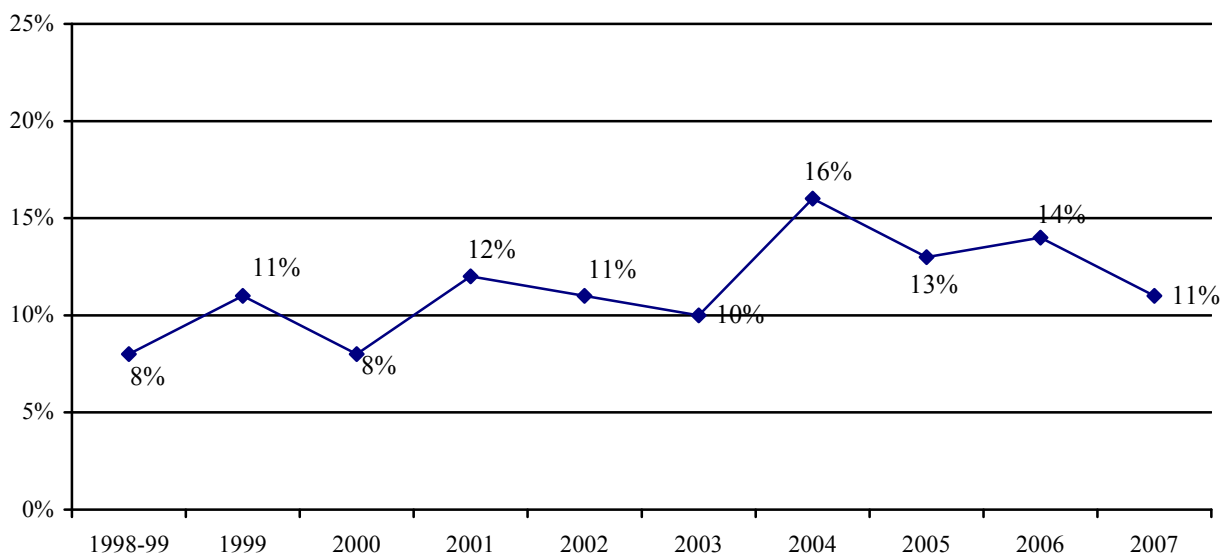


College of Family, Home & Social Sciences

Summary of Sponsored Research (Grants & Contracts)

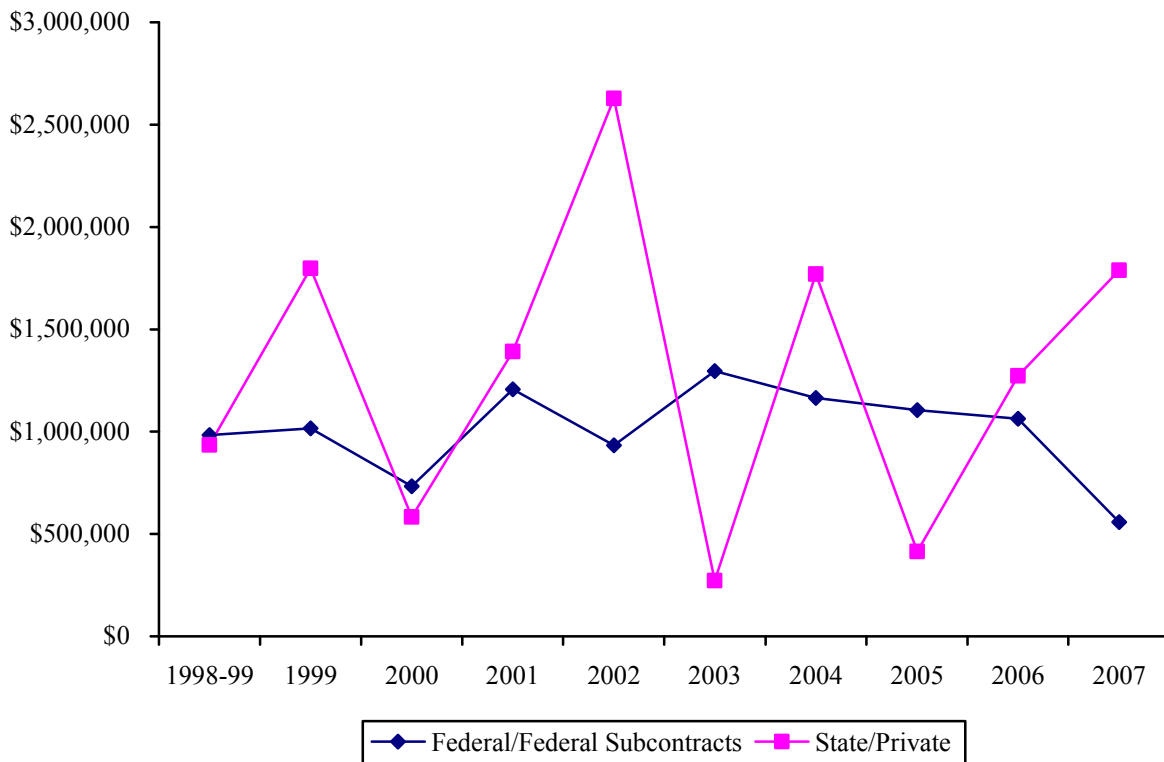
Department	# of Faculty	# of Faculty Submitting	# of Proposals Submitted	# of Awards	Dollars Awarded
Anthropology	9	2	1	4	\$24,650
Economics	23	3	1	2	\$176,606
Geography	13	0	0	0	\$0
History	40	0	0	0	\$0
School of Family Life	36	4	2	0	\$0
Museum of Peoples & Cultures	-	2	1	0	\$0
Office of Public Archaeology	-	1	3	17	\$1,343,825
Political Science	27	2	2	1	\$25,000
Psychology	31	4	5	15	\$742,616
Social Work	8	0	0	0	\$0
Sociology	19	2	1	5	\$34,085
Women's Research Institute	-	2	1	0	\$0
TOTALS	206	22	17	44	\$2,346,782

Proposal Submission Activity



External Research Funding (All Sources)

Year	Grants/Contracts		Total
	Federal/Federal Subcontracts	State/Private	
1998-99	\$982,698	\$935,497	\$1,918,195
1999	\$1,016,236	\$1,797,394	\$2,813,630
2000	\$733,017	\$582,613	\$1,315,630
2001	\$1,206,835	\$1,390,664	\$2,597,499
2002	\$932,566	\$2,627,620	\$3,560,186
2003	\$1,296,291	\$271,593	\$1,567,884
2004	\$1,164,878	\$1,769,103	\$2,933,981
2005	\$1,105,425	\$414,243	\$1,519,668
2006	\$1,063,435	\$1,272,255	\$2,335,690
2007	\$558,863	\$1,787,919	\$2,346,782



Family, Home & Social Sciences 2007 Awards

<u>PI</u>	<u>Co-PI</u>	<u>Sponsor</u>	<u>Title</u>	<u>Start Date</u>	<u>End Date</u>	<u>Amount</u>
<i>Anthropology</i>						
Neilsen, Glenna		BOR	Curation Agreement (March 2007)	9/1/2006	12/4/2007	\$2,000
Nielsen, Glenna	w/Stavast, Paul	UT Office of Mus. Srvcs.	Kachina Cult Exhibition and Catalog (July 2007)	7/1/2007	6/1/2008	\$4,325
Stavast, Paul		BLM UT State Office	BLM UT State Curator Collections 2006-07	7/1/2006	6/30/2007	\$5,000
Stavast, Paul		BLM UT State Office	BLM UT State Curator Collections 2007-08	7/1/2007	6/30/2008	\$9,000
Stavast, Paul		UT Office of Mus. Srvcs.	Kachina Cult Exhibition and Catalog (July 2007)	7/1/2007	6/1/2008	\$4,325
<i>Economics</i>						
Butler, Richard		Luke Fndtn. (ASU)	Center for Health Infor & Research	09-01-06	12-31-06	\$60,000
Cardon, James		R. W. Johnson Fndtn.	Health Savings Accounts Policy Simulations	11/1/2007	12/31/2008	\$58,303
Showalter, Mark	w/Cardon, James	R. W. Johnson Fndtn.	Health Savings Accounts Policy Simulations	11/1/2007	12/31/2008	\$58,303
<i>Office of Public Archaeology</i>						
Talbot, Richard		Bighorn Archaeological Consultants	Jackson Flat Archaeological Project	9/1/2007	11/1/2007	\$20,000
Talbot, Richard		Creamer and Noble	Carbon County Fairgrounds Road	9/20/2007	12/31/2007	\$5,000
Talbot, Richard		RC&D (Washington County)	Fort Harmony Phase I Testing	10/10/2007	10/1/2008	\$4,000
Talbot, Richard		Bighorn Arch Consultants LLC	Sand Hollow Resort Excavations	11/1/2006	12/31/2008	\$500,000
Talbot, Richard		Creamer & Noble Engineers	Carbon County Fairgrounds Road	9/20/2007	12/31/2007	\$5,000
Talbot, Richard		Natural Resources Con Ser	Karl Dean Sprinkler Project	1/7/2005	1/6/2010	\$4,733
Talbot, Richard		Natural Resources Con Ser	Goshute Tribal Springs	1/7/2005	1/6/2010	\$8,592
Talbot, Richard		Orem City	Orem Historic Preservation Survey	1/1/2007	1/1/2008	\$3,600
Talbot, Richard		UTA	UTA Commuter Rail Project, Archaeological Monitoring	7/28/2005	20/31/2010	\$65,000
Talbot, Richard		Rocky Mountain Power	Rocky Mountain Power Inventory	12-31-06	12-31-08	\$209,000
Talbot, Richard		Big Horn Archeologists	Sand Hollow Resort Excavations	11/1/2006	12/31/2008	\$400,000
Talbot, Richard		UVSC	Sleeping Rainbow Ranch Monitoring West Parks and Schools Connector Trail Project	8/5/2002	12/30/2020	\$1,500
Talbot, Richard		Spanish Fork City	Spanish Fork City Project	3/1/2007	6/1/2007	\$3,500
Talbot, Richard		Biowest (St of Utah)	Provo Westside Connector Project	3/15/07	12/31/2010	\$40,100
Talbot, Richard		Idaho Power	fHagerman Area Site Monitoring 2007	5/30/2007	12/31/2007	\$50,500
Talbot, Richard		Various Sources	Neuroimaging	4/30/1991	12/20/2010	\$3,300
Talbot, Richard		Bighorn Arch Consultants LLC	Jackson Flat Archaeological Project	9/12/2007	11/1/2007	\$20,000
<i>Political Science</i>						
Davis, Richard		Carnegie (Knight Fdn)	The Political Influence of Blogosphere	11/1/2006	7/31/2007	\$25,000
<i>Psychology</i>						
Bigler, Erin		U of U (NIH)	Atypical Late Development in Autism: MRI & DTI	8/1/2007	7/31/2008	\$80,373
Bigler, Erin		Ohio St (NIH)	Social Outcomes in Pediatric Traumatic Brain Injury	7/1/2005	5/31/2008	\$82,142
Bigler, Erin		Various	Neuroimaging	4/30/1991	12/31/2010	\$2,475
Bigler, Erin		Various	Neuroimaging	4/30/1991	12/31/2010	\$18,250
Bigler, Erin		Various	Neuroimaging	4/30/1991	12/31/2010	\$9,900
Bigler, Erin		Various	Neuroimaging	4/30/1991	12/31/2010	\$7,438
Bigler, Erin		Various Sources	Neuroimaging	04-30-91	12-31-20	\$7,000
Bigler, Erin		Various Sources	Neuroimaging	04-30-91	12-31-20	\$3,000
Bigler, Erin		Various Sources	Neuroimaging	4/30/1991	12/31/2010	\$600
Bigler, Erin		Various Sources	Neuroimaging	4/30/1991	12/31/2010	\$3,000
Carpenter, Bruce		Utah Dept of Corrections	Utah State Prison, Clinical Svcs Prolonged Outcomes after Nitric Oxide	10/1/2004	9/30/2008	\$118,000
Hopkins, Ramona		U of Pitt (NIH)	(July 2007)	12/1/2003	11/30/2007	\$12,000
Steffen, Patrick R.		American Heart Assoc	Cultural Change and Cardiovascular Disease	7/1/2004	6/30/2008	\$65,000

		Risk Mexican			
Steffensen, Scott	Univ of NM (NIMH)	Age Dependent Presynaptic action of pregnenolone sulfate	4/1/2005	1/31/2008	\$30,000
Steffensen, Scott C.	NIH NIAAA	Neuropharmacological Substrates of Alcohol Addiction	8/1/2007	7/31/2008	\$303,438
<i>Sociology</i>					
Ward, Carol	NSF-DKNRSI	Integrated Math and Sciences Curriculum Evaluation	10/1/2007	12/30/2007	\$3,720
Ward, Carol	Chief Dull Knife College (NSF)	Integrated Math and Science Curriculum Evaluation	10/1/2007	12/30/2007	\$3,720
Ward, Carol	Chief Dull Knife (NSF)	Integrated Math and Science Curriculum Evaluation	1/1/2008	8/30/2008	\$9,345
Ward, Carol	Provo School District	21st Century After School Program	12/1/2006	8/31/2007	\$6,800
Ward, Carol	Boys & Girls Club	Boys & Girls Club 21st Century After School Program	2/1/2007	6/15/2009	\$10,500

Type: 1=Federal; 2=Federal Subcontract; 3=State; 4=Private

Department Totals	
Anthropology	\$24,650
Economics	\$176,606
Geography	\$0
History	\$0
Home & Family Living	\$0
Joseph Fielding Smith Institute	\$0
Marriage & Family Therapy	\$0
Museum of Peoples & Cultures	\$0
Office of Public Archaeology	\$1,343,825
Political Science	\$25,000
Psychology	\$742,616
Social Work	\$0
Sociology	\$34,085
Women's Research Institute	\$0
College Total:	\$2,346,782

Family, Home & Social Sciences Source Breakdown of Grants and Contracts

Sponsor	No. Awarded	Amount
Federal Sponsors		
BLM UT State Office	2	\$14,000
NIH NIAAA	1	\$303,438
<i>Totals</i>	3	
Federal Subcontracts Sponsors		
Chief Dull Knife College (NSF)	2	\$13,065
Natural Resources Con Ser	2	\$13,325
NSF-DKNRSI	1	\$3,720
Ohio St (NIH)	1	\$82,142
Provo School District	1	\$6,800
U of Pitt (NIH)	1	\$12,000
U of U (NIH)	1	\$80,373
Univ of NM (NIMH)	1	\$30,000
<i>Totals</i>	10	
State Sponsors		
Biowest (St of Utah)	1	\$40,100
BOR	1	\$2,000
Orem City	1	\$3,600
RC&D (Washington County)	1	\$4,000
Spanish Fork City	1	\$3,500
UT Office of Mus. Svcs.	1	\$8,650
UTA	1	\$65,000
Utah Dept of Corrections	1	\$118,000
UVSC	1	\$1,500
<i>Totals</i>	9	
Private Sponsors		
American Heart Assoc	1	\$65,000
Big Horn Archeologists	1	\$400,000
Bighorn Arch Consultants LLC	3	\$540,000
Boys & Girls Club	1	\$10,500
Carnegie (Knight Fdn)	1	\$25,000
Creamer & Noble Engineers	2	\$10,000
Idaho Power	1	\$50,500
Luke Fndtn. (ASU)	1	\$60,000
R. W. Johnson Fndtn.	1	\$116,606
Rocky Mountain Power	1	\$209,000
Various Sources	9	\$54,963
<i>Totals</i>	22	\$2,346,782

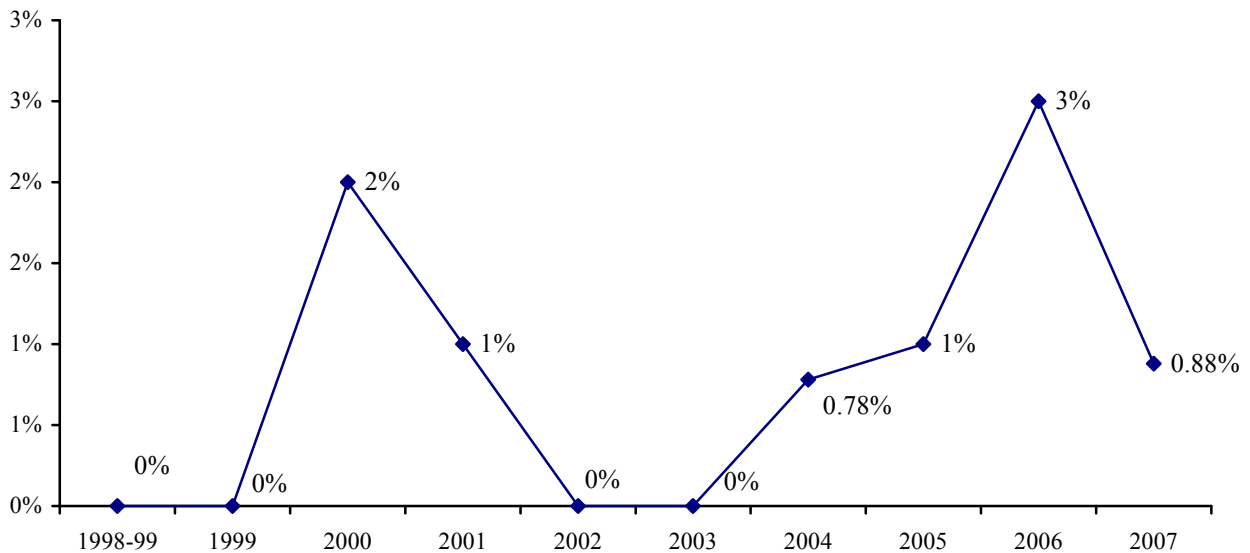


College of Fine Arts & Communications

Summary of Sponsored Research (Grants & Contracts)

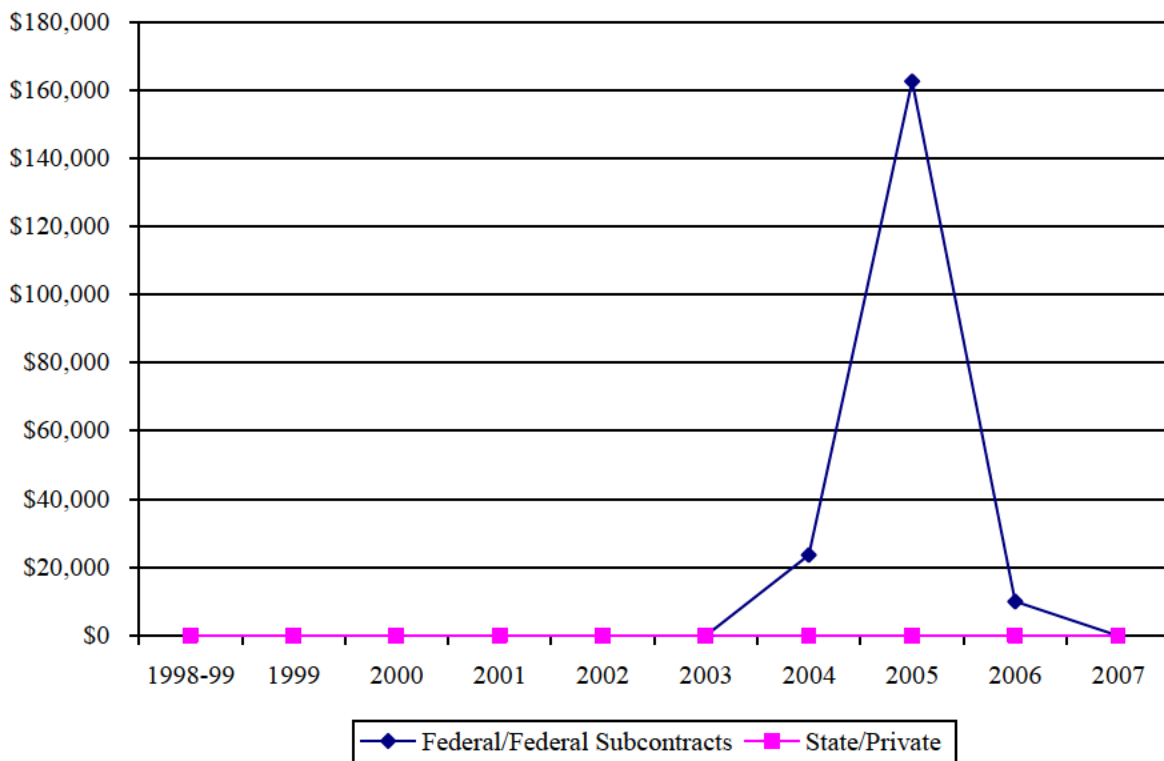
Department	# of Faculty	# of Faculty Submitting	# of Proposals Submitted	# of Awards	Dollars Awarded
Communication	18	0	0	0	\$0
Museum of Art	1	1	1	1	\$0
Music	47	0	0	0	\$0
Theatre & Media Arts	17	0	0	0	\$0
Visual Arts	31	0	0	0	\$0
TOTALS	119	1	1	0	\$0

Proposal Submission Activity



External Research Funding (All Sources)

Year	Grants/Contracts		Total
	Federal/Federal Subcontracts	State/Private	
1998-99	\$0	\$0	\$0
1999	\$0	\$0	\$0
2000	\$0	\$0	\$0
2001	\$0	\$0	\$0
2002	\$0	\$0	\$0
2003	\$0	\$0	\$0
2004	\$23,680	\$0	\$23,680
2005	\$162,521	\$0	\$162,521
2006	\$10,000	\$0	\$10,000
2007	\$0	\$0	\$0

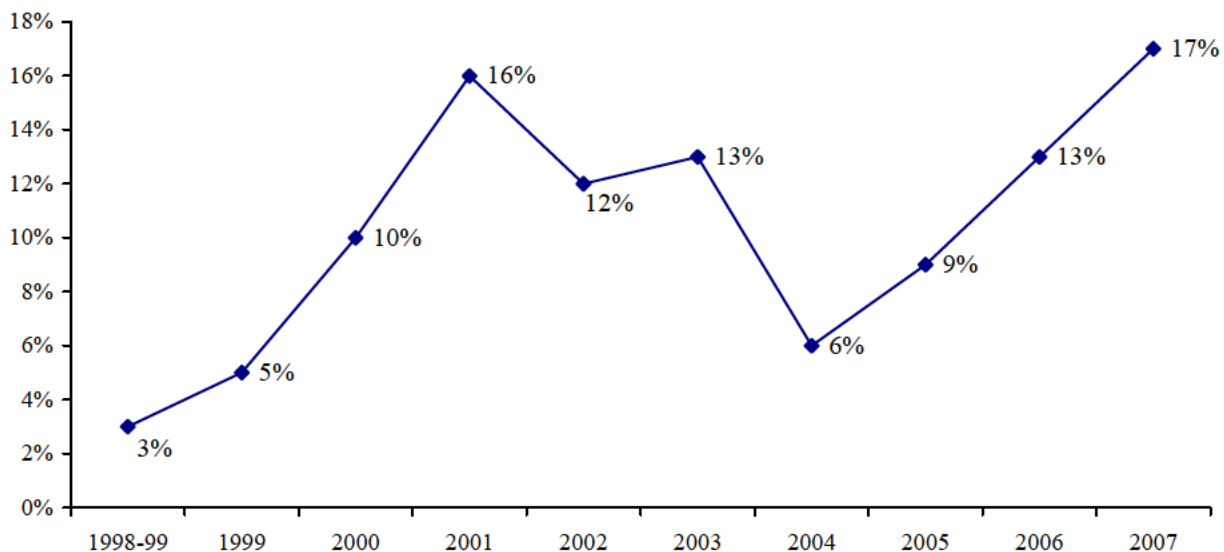


College of Health & Human Performance

Summary of Sponsored Research (Grants & Contracts)

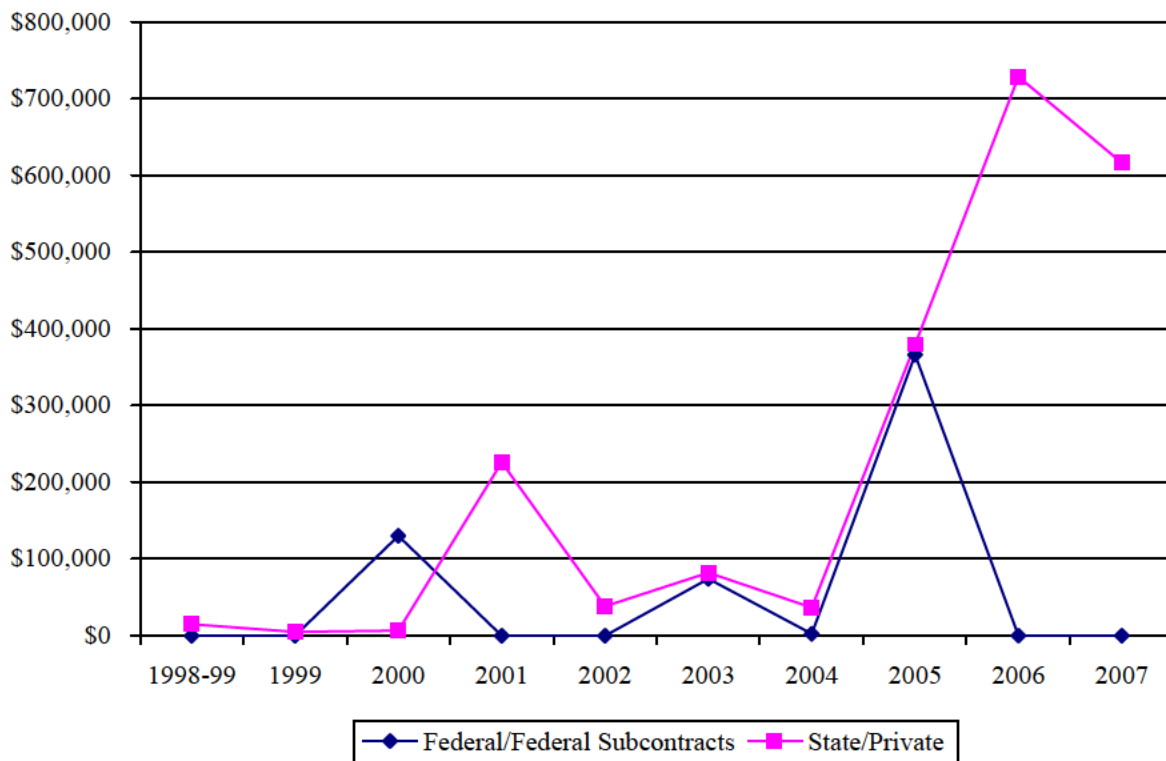
Department	# of Faculty	# of Faculty Submitting	# of Proposals Submitted	# of Awards	Dollars Awarded
Dance	15	0	0	0	\$0
Health Sciences	11	5	5	5	\$490,410
Exercise Sciences	19	4	5	6	\$125,679
Rec Management & Youth Ldrship	8	0	0	0	\$0
TOTALS	53	9	10	11	\$616,089

Proposal Submission Activity



External Research Funding (All Sources)

Year	Grants/Contracts		Total
	Federal/Federal Subcontracts	State/Private	
1998-99	\$0	\$15,000	\$15,000
1999	\$0	\$5,000	\$5,000
2000	\$130,223	\$6,750	\$136,973
2001	\$0	\$226,014	\$226,014
2002	\$0	\$38,500	\$38,500
2003	\$74,113	\$82,245	\$156,358
2004	\$2,322	\$36,850	\$39,172
2005	\$365,822	\$379,527	\$745,349
2006	\$0	\$728,480	\$728,480
2007	\$0	\$616,089	\$616,089



Health & Human Performance 2007 Awards

<u>PI</u>	<u>Co-PI</u>	<u>Sponsor</u>	<u>Title</u>	<u>Start Date</u>	<u>End Date</u>	<u>Amount</u>
<i>Exercise Science</i>						
Hunter, Iain		USA Track and Field	Hammer Throw Analysis	10/4/2003	12/30/2008	\$2,000
Hunter, Iain		USA Track & Field	Hammer Throw Analysis	10/4/2003	12/30/2008	\$2,000
Knight, Ken		NATA	National Athletic Trainers' Assn: Education Chair	3/1/2005	3/31/2008	\$129
Knight, Ken		NATA	NATA Education Council Chair	5/14/2004	3/31/2008	\$114,200
Seeley, Matthew		Millennial Medical	Biomedical Evaluation of a Novel Mobile Walking Device	8/20/2007	1/1/2008	\$4,200
Hunter, Iain		Mindpix Inc	Mindpix Exercise Rods	1/29/2007	3/16/2007	\$3,150
<i>Health Science</i>						
Cole, Gene		Reckitt Benckiser Inc	Home Hygiene promotion in So Africa	2/18/2005	2/1/2008	\$180,000
Cole, Gene		Reckitt Benckiser	Home Hygiene Promotion in Urban South Africa	2/18/2005	5/4/2007	\$100,000
Cole, Gene		Reckitt Benckiser	Home Hygiene Promotion in Urban South Africa	2/18/2005	5/4/2007	\$200,000
Hanson, Carl		State of Utah	Chronic Disease Risk among Seniors	1/1/2007	6/30/2007	\$3,462
Neiger, Brad		Takeda Pharmaceutical	Enhancing Sleep Patterns Among BYU Students	1/29/2007	3/9/2007	\$6,948

Type: 1=Federal; 2=Federal Subcontract; 3=State; 4=Private

Department Totals	
Dance	\$0
Health Sciences	\$490,410
Exercise Science	\$125,679
Rec Management & Youth Ldrship	\$0
College Total:	\$616,089

Health & Human Performance

Source Breakdown of Grants and Contracts

Sponsor	Number Awarded	Total Amount
Federal		
None		
<i>Total</i>	<hr/>	
Subcontracts		
None		
<i>Total</i>	<hr/>	
State		
State of Utah	1	\$3,462
<i>Total</i>		<hr/> \$3,462
Private		
NATA	2	\$114,329
USA Track & Field	2	\$4,000
Millennial Medical	1	\$4,200
Mindpix Inc	1	\$3,150
Takeda Pharmaceutical	1	\$6,948
Reckitt Benckiser	3	\$480,000
<i>Total</i>		<hr/> \$616,089

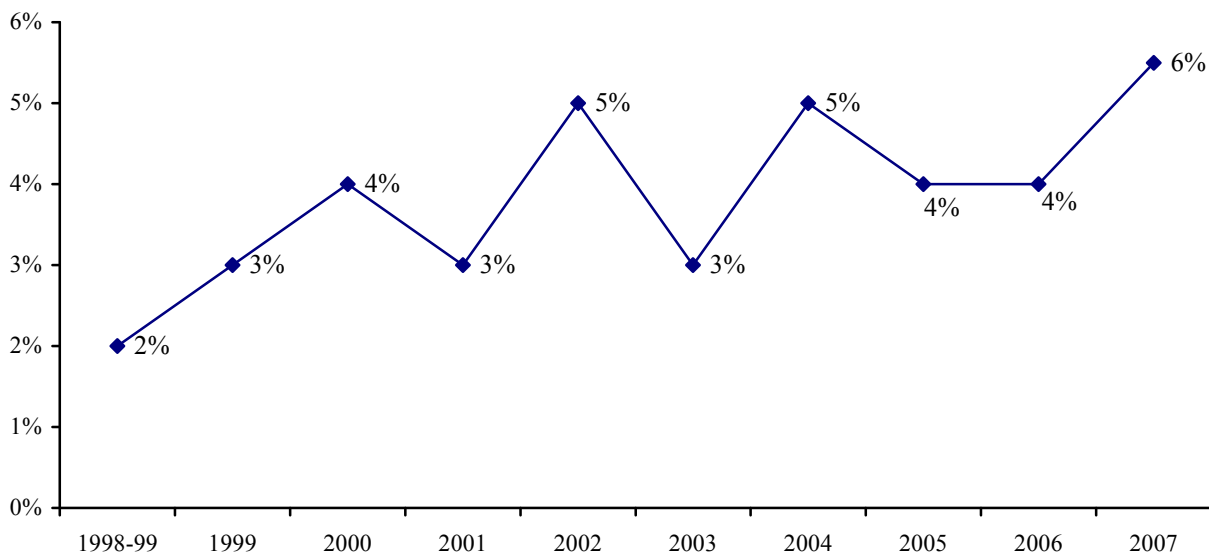


College of Humanities

Summary of Sponsored Research (Grants & Contracts)

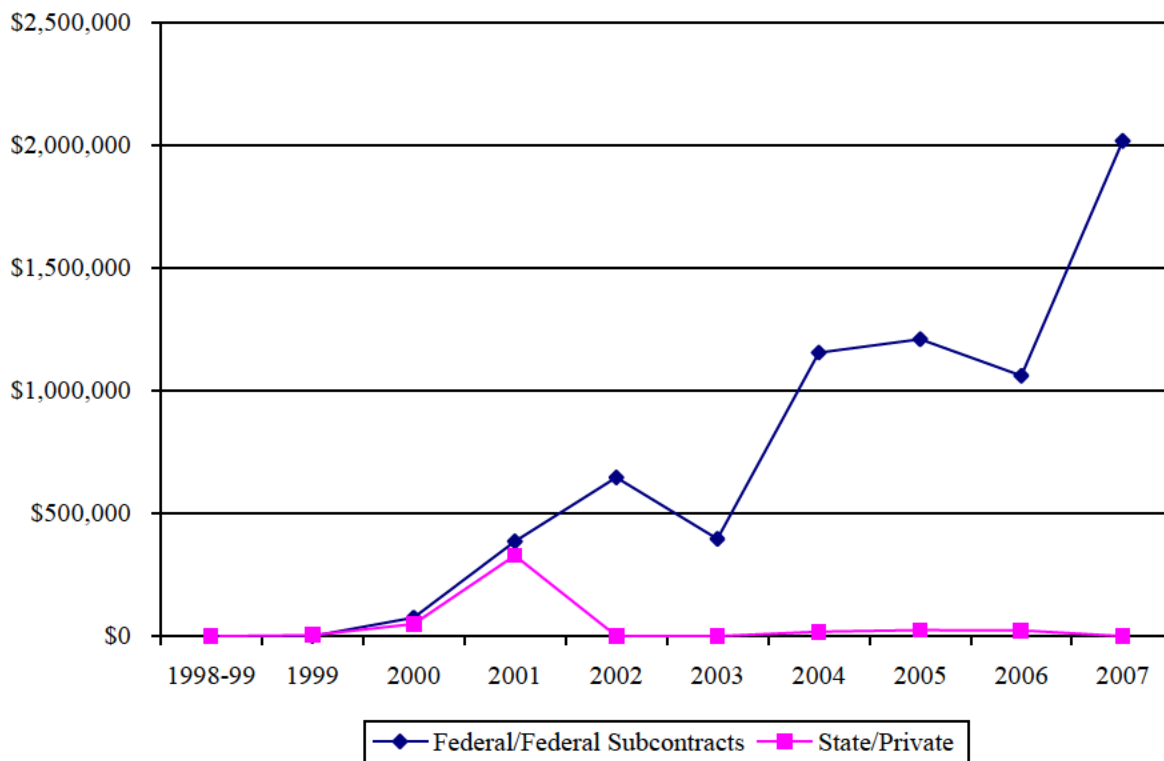
Department	# of Faculty	# of Faculty Submitting	# of Proposals Submitted	# of Awards	Dollars Awarded
Asian & Near Eastern Languages	17	2	5	6	\$1,636,381
Center for Language Studies	3	0	0	0	\$0
English	53	0	0	0	\$0
French & Italian	12	1	1	0	\$0
German & Slavic Languages	14	0	0	0	\$0
Hum, Classics & Comparative Lit	24	5	5	1	\$250,000
Linguistics	21	2	2	0	\$0
Philosophy	12	0	0	0	\$0
Spanish & Portuguese	26	0	0	1	\$2,013,930
TOTALS	182	10	13	8	\$2,016,930

Proposal Submission Activity



External Research Funding (All Sources)

Year	Grants/Contracts		Total
	Federal/Federal Subcontracts	State/Private	
1998-99	\$0	\$0	\$0
1999	\$0	\$4,438	\$4,438
2000	\$75,574	\$50,000	\$125,574
2001	\$385,376	\$328,672	\$714,048
2002	\$645,960	\$1,440	\$647,400
2003	\$395,633	\$0	\$395,633
2004	\$1,154,680	\$18,800	\$1,173,480
2005	\$1,209,231	\$25,237	\$1,234,468
2006	\$1,060,844	\$24,000	\$1,084,844
2007	\$2,016,930	\$0	\$2,016,930



Humanities 2007 Awards

Type: 1=Federal; 2=Federal Subcontract; 3=State; 4=Private

<u>PI</u>	<u>Co-PI</u>	<u>Sponsor</u>	<u>Title</u>	<u>Start Date</u>	<u>End Date</u>	<u>Amount</u>
Belnap, Kirk		Dept of Education	Bilingual ESL Endorsement	8/15/06	8/15/10	\$320,000
Belnap, Kirk		UC Davis (Dof Educ)	Structure and Function of Gramicidin	9/1/05	5/31/08	\$74,975
Bourgerie, Dana		U of Maryland (DoD)	Startalk	5/1/07	10/31/07	\$135,001
Bourgerie, Dana		Univ of Pittsburgh (DED)	Advanced Proficiency Development in Chinese....	7/1/07	6/30/08	\$57,752
Dana Bourgerie		Institute of Intntl. Ed	Chinese Flagship Language Program-Overseas	6/1/06	5/31/08	\$100,175
Dana Bourgerie		Institute of Intntl. Ed	Chinese Flagship Language Program-Domestic	6/1/06	5/31/08	\$948,478
Clifford, Ray		US Army	Cooperative Agreement Between JADL-CoLab and BYU	12/12/07	12/11/12	\$250,000
Lonsdale, Deryl	w/Embley, David	NSF	REU: TANGO	8/31/07	7/31/08	\$6,000
Rosenberg, John		NEH	Authors in the Prado	10/1/07	9/30/08	\$130,549

Department Totals

Asian & Near Eastern Languages	\$1,636,381
Center for Language Studies	\$0
English	\$0
French & Italian	\$0
German & Slavic Languages	\$0
Hum, Classics & Comparative Lit	\$250,000
Humanities Research Center	\$0
Linguistics	\$6,000
Philosophy	\$0
Spanish & Portuguese	\$130,549
College Total:	\$2,022,930

Humanities

Source Breakdown of Grants and Contracts

Sponsor	No. Awarded	Amount
Federal Sponsors		
Dept of Education	1	\$320,000
NEH	1	\$130,549
US Army	1	\$250,000
	<hr/>	
<i>Totals</i>	3	\$700,549
Federal Subcontracts Sponsors		
Institute of Intntl. Ed	2	\$1,048,653
U of Maryland (DoD)	1	\$135,001
UC Davis (Dof Educ)	1	\$74,975
Univ of Pittsburgh (DED)	1	\$57,752
	<hr/>	
<i>Totals</i>	5	\$1,316,381

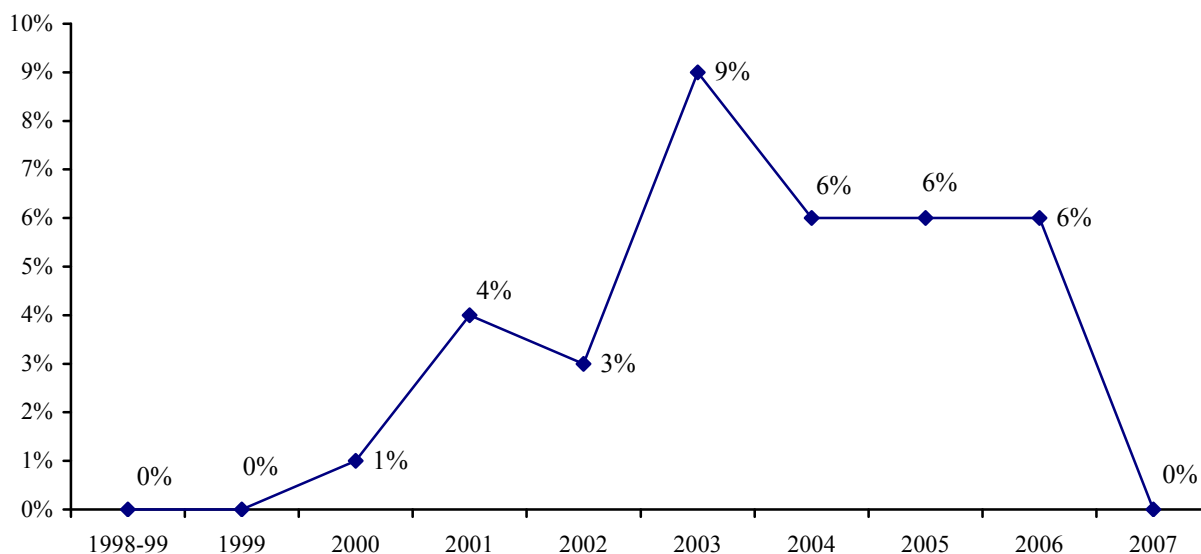


J. Reuben Clark Law School

Summary of Sponsored Research (Grants & Contracts)

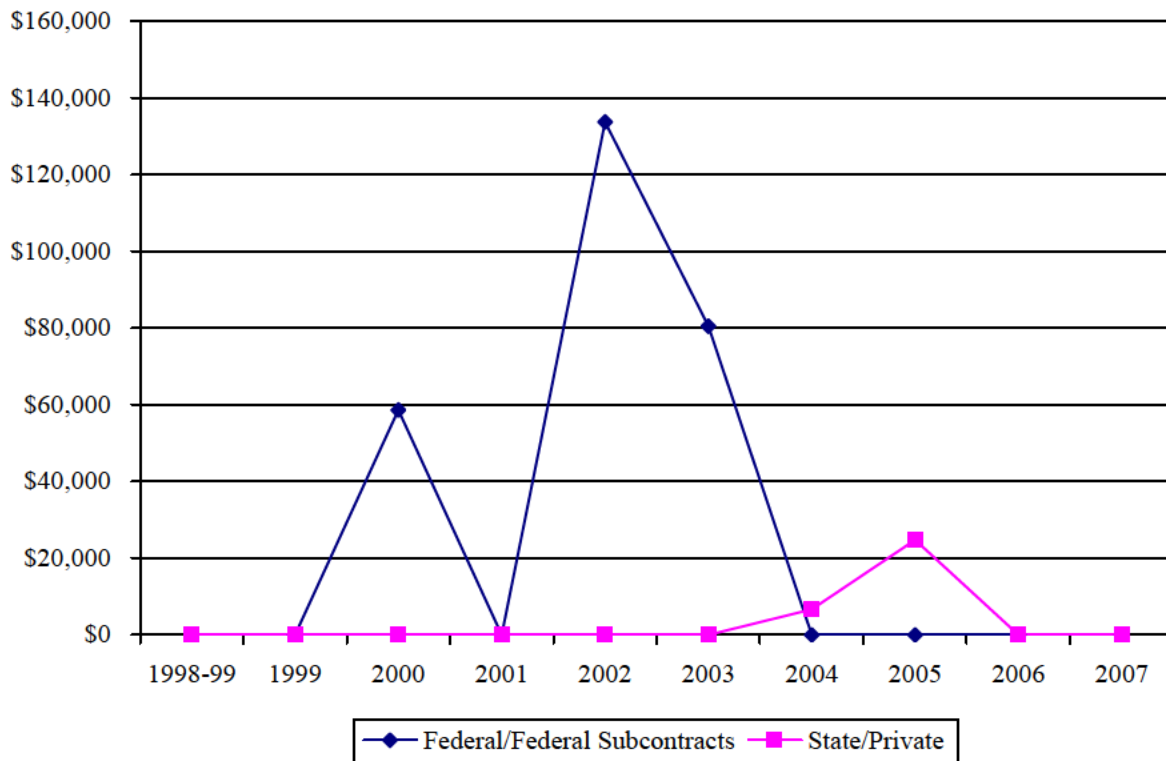
Department	# of Faculty	# of Faculty Submitting	# of Proposals Submitted	# of Awards	Dollars Awarded
Law School	35	0	0	0	\$0
TOTALS	35	0	0	0	\$0

Proposal Submission Activity



External Research Funding (All Sources)

Year	Grants/Contracts		Total
	Federal/Federal Subcontracts	State/Private	
1998-99	\$0	\$0	\$0
1999	\$0	\$0	\$0
2000	\$58,650	\$0	\$58,650
2001	\$0	\$0	\$0
2002	\$133,653	\$0	\$133,653
2003	\$80,453	\$0	\$80,453
2004	\$0	\$6,667	\$6,667
2005	\$0	\$24,799	\$24,799
2006	\$0	\$0	\$0
2007	\$0	\$0	\$0



J. Reuben Clark Law School 2007 Awards

<u>PI</u>	<u>Co-PI</u>	<u>Sponsor</u>	<u>Title</u>	<u>Start Date</u>	<u>End Date</u>	<u>Type</u>	<u>Amount</u>
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Law School

Type: 1=Federal; 2=Federal Subcontract; 3=State; 4=Private

Department Totals

College Total: _____

J. Reuben Clark Law School

Source Breakdown of Grants and Contracts

Sponsor	Number Awarded	Total Amount
Federal		
None		
	<i>Total</i>	
Subcontracts		
None		
	<i>Total</i>	
State		
None		
	<i>Total</i>	
Private		
None		
	<i>Total</i>	



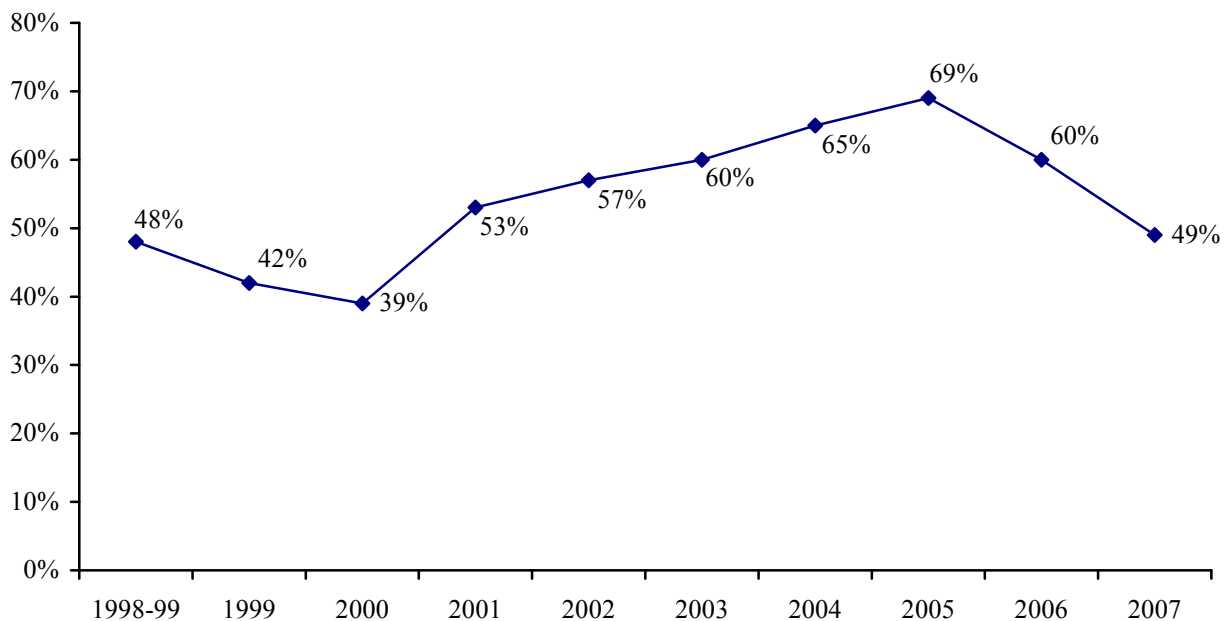


College of Life Sciences

Summary of Sponsored Research (Grants & Contracts)

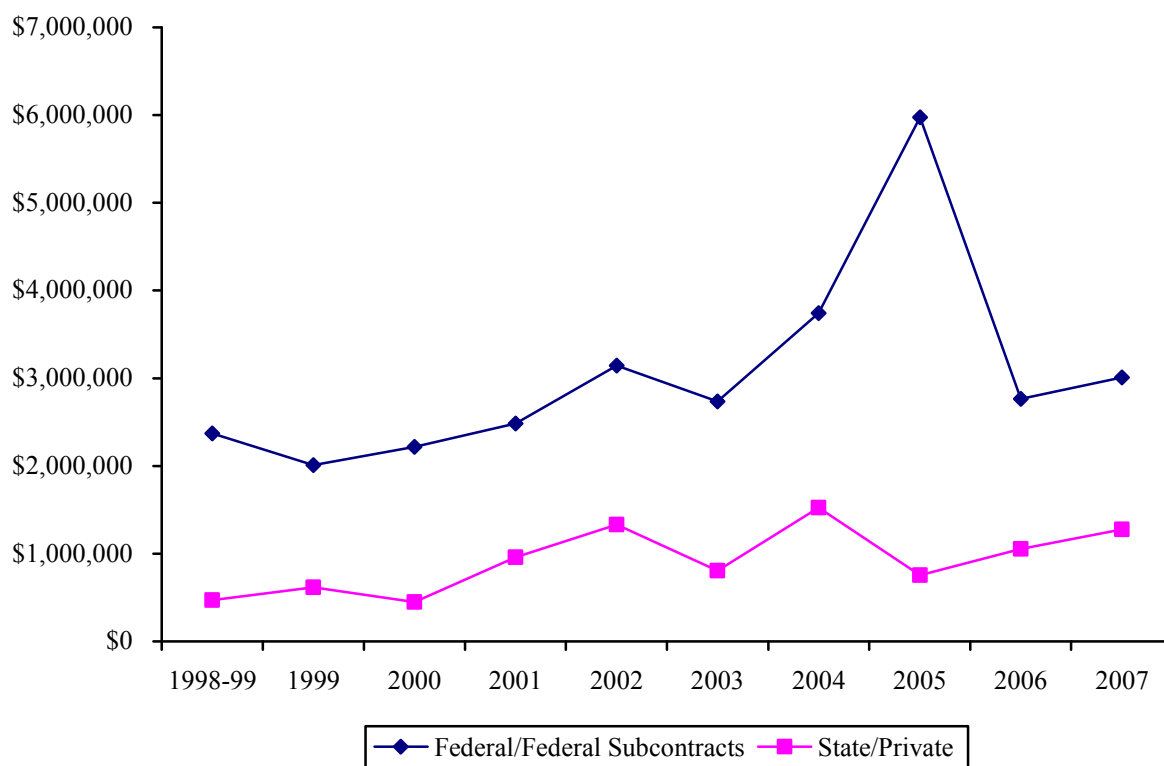
Department	# of Faculty	# of Faculty Submitting	# of Proposals Submitted	# of Awards	Dollars Awarded
Benson Institute	1	0	0	0	\$0
Bean Museum	1	1	0	1	\$1,500
Integrative Biology	21	21	28	27	\$1,418,240
Microbiology & Molecular Biology	18	13	21	10	\$663,272
Nutrition, Dietetics & Food Science	13	1	1	18	\$726,775
Physiology & Developmental Biology	17	7	8	4	\$677,904
Plant & Animal Science	23	15	16	19	\$798,178
TOTALS	94	46	74	79	\$4,285,869

Proposal Submission Activity



External Research Funding (All Sources)

Year	Grants/Contracts		Total
	Federal/Federal Subcontracts	State/Private	
1998-99	\$2,370,292	\$471,857	\$11,160,635
1999	\$2,010,191	\$616,711	\$5,355,913
2000	\$2,218,777	\$447,877	\$3,985,131
2001	\$2,484,780	\$958,960	\$7,240,131
2002	\$3,144,951	\$1,331,910	\$5,384,623
2003	\$2,734,614	\$805,898	\$3,740,771
2004	\$3,744,218	\$1,525,364	\$5,908,017
2005	\$5,974,159	\$755,983	\$6,805,888
2006	\$2,763,746	\$1,054,773	\$3,818,519
2007	\$3,010,438	\$1,275,431	\$4,285,869



College of Life Sciences 2007 Awards

<u>PI</u>	<u>Co-PI</u>	<u>Sponsor</u>	<u>Title</u>	<u>Start Date</u>	<u>End Date</u>	<u>Type</u>	<u>Amount</u>
<i>Bean Museum</i>							
Atwood, Duane		BLM	Study of Rich County Conservation Ecology of the Dark Kangaroo Mouse....	8/10/2005	9/30/2007	1	\$1,500
Auger, Janene	w/Black, Hal	BLM		9/17/2007	9/30/2009	1	\$4,000
<i>Biology</i>							
Belk, Mark	w/ Hotchkiss, Rollin	UDOT	Fish Passage in Utah Culverts	6/1/2006	6/1/2008	4	\$17,478
Belk, Mark		CUWCD (UT State)	Mona Reservoir June Sucker Introduction & Monitoring	3/13/2007	3/12/2008	3	\$17,958
Belk, Mark		CUWCD (UT State)	Pilot Study of Net Pen Use in Utah Lake....	3/13/2007	3/12/2008	3	\$32,657
Belk, Mark	w/ Hotchkiss, Rollin	UDOT	Fish Passage in Utah Culverts	6/1/2006	6/1/2008	3	\$27,500
Belk, Mark	w/Hotchkiss, Rollin	UDOT	Fish Passage in Utah Culverts	6/1/2006	6/1/2008	3	\$27,500
Crandall, Keith		NSF	ATOL	7/5/2006	8/31/2007	1	\$4,150
Crandall, Keith		NSF	ATOL	7/5/2006	8/31/2007	1	\$5,625
Crandall, Keith		NSF	ATOL	7/5/2006	8/31/2007	1	\$3,000
Crandall, Keith		NSF	Atol	7/15/2005	2/28/2009	1	\$125,000
Crandall, Keith		USDA	Foot and Mouth Disease Virus Phylogeny....j Status, Distribution, & Genetics of Arkansas Crayfish.	9/1/2007	8/31/2009	1	\$145,024
Crandall, Keith		Arkansas Game & Fish US Israel Bintl Sci Fndtn	Systematic and Phylogeography	8/1/2007	8/1/2009	3	\$12,000
Crandall, Keith	w/Shiozawa, Dennis	DWR	Genetic Analysis of Utah Cutthroat Trout	6/1/2007	5/31/2008	3	\$40,500
Flinders, Jerran		UDWR	Benefits, Impacts & Proper Spacing of Water Populations for Chukars	11/2/2006	6/30/2010	3	\$51,188
Flinders, Jerran		Sportsmen for Habitat	Benefits, Impacts and Proper Spacing for Guzzlers...	2/8/2003	8/12/2007	4	\$10,000
Flinders, Jerran		UT DWR	Bighorn Sheep Recovery and Conservation	7/1/2004	12/31/2009	3	\$195,020
Flinders, Jerran		NFWF	Stawberry Valley Sage Grouse Recovery Project	1/1/2007	1/1/2008	2	\$75,000
Flinders, Jerran		Sportsmen for Fish & Wildlife	Strawberry Valley Sage Grouse Recovery Project	3/6/2006	12/31/2009	4	\$25,000
Hanegan, Nikki	w/Crandall, Keith	NSF	ATOL	7/5/2006	8/31/2007	1	\$4,150
Hanegan, Nikki	w/Crandall, Keith	NSF	ATOL	7/5/2006	8/31/2007	1	\$5,625
Hanegan, Nikki	w/Crandall, Keith	NSF	ATOL	7/5/2006	8/31/2007	1	\$3,000
Hanegan, Nikki		Utah Office of ED	Grand Staircase Project	2/25/2005	3/1/2008	2	\$117,499
Hanegan, Nikki	w/Crandall, Keith	NSF	Atol	7/15/2005	2/28/2009	1	\$125,000
Johnson, Jerry		UT DNR	Effect of Historical and Contemporary Fragmentation	7/1/2005	6/30/2008	3	\$4,607
Johnson, Jerry		Univ of Florida	Australian Plotosid Catfish	8/13/2007	6/30/2008	2	\$1,250
Shiozawa, Dennis		DWR	Genetic Analysis of Utah Cutthroat Trout	6/1/2007	5/31/2008	3	\$40,500
Shiozawa, Dennis		US Forest Srvc (USDA)	DNA Analysis of Cutthroat Trout Tissue Samples	7/2/2007	10/31/2007	1	\$6,000
St. Clair, Larry		USDA	Air Quality Monitoring-High Uintas	8/12/2005	2/28/2008	1	\$2,635
St. Clair, Larry		Forest Service	Review of Western Montana Air Quality Baseline	1/26/2007	3/1/2012	1	\$7,643
Unmack, Peter	w/Johnson, Jerry	Univ of Florida	Australian Plotosid Catfish	8/13/2007	6/30/2008	2	\$1,250
Whiting, Michael		U of Georgia (NSF)	Building Taxonomic Expertise....	9/19/2005	12/31/2007	2	\$13,500
Whiting, Michael		NSF	ATOL: Beetle Tree of Life	10/1/2005	9/30/2008	1	\$204,482
Whiting, Michael		NSF	Discovering a New Insect Order in Papua New Guinea	7/1/2007	6/30/2008	1	\$26,145
Whiting, Michael		NSF	Mitochondrial Research on Lice	5/21/2007	2/29/2008	1	\$12,000
Whiting, Michael		NSF	New Insect Order in Papua New Guinea	7/1/2007	6/30/2008	1	\$26,145
Whiting, Michael		NSF	Atol: Assembling the Beetle Tree of Life	10/1/2005	9/30/2007	1	\$12,000
<i>Microbiology & Molecular Biology</i>							
Adams, Byron		NSF	Tardigrades	4/1/2007	3/31/2008	1	\$52,817
Robison, Richard		Solutions BioMed	Antimicrobial Materials and Select Agents	6/17/2005	12/31/2008	4	\$5,300
Robison, Richard		EAU Technologies	Student Support	4/2/2006	12/31/2007	4	\$2,000
Robison, Richard		USAMRAA	Curated Archive of Viable Select Bacterial Agents....	9/30/2006	9/29/2007	1	\$138,000
Robison, Richard		Solutions BioMed, Inc.	Antimicrobial Material and Select Agents	6/17/2005	12/31/2008	4	\$7,175
Robison, Richard		Solutions Biomed	Testing	6/1/2005	12/31/2008	4	\$4,395

Robison, Richard		USAMRAA	Select Bacterial Agents	5/24/2007	9/30/2007	1	\$216,000
Robison, Richard		Solutions BioMed	Select Agents	6/1/2007	6/30/2008	4	\$10,085
Robison, Richard		Solutions BioMed	Antimicrobial Materials and Select Agents (Jun 07)	6/1/2007	6/30/2008	4	\$2,500
Wilson, Eric		NIH	IgA ASC Homing to Mucosal Tissues	3/15/2007	2/28/2009	1	\$225,000
<i>Nutrition, Dietetic, & Food Science</i>							
Christensen, Merrill		NIH	Selenium, Isoflavones, Androgen Metabolism & Prostate Cancer Risk Reduction. Preparation & Cooking on Micronutrient Stability in Food Aid	4/1/2007	3/31/2009	1	\$225,000
Dunn, Michael		Sustain	Tortilla Fortification	7/1/2005	6/30/2007	4	\$20,270
Dunn, Michael		SUSTAIN	Effects of Preparation & Cooking on Stability of Micronutrients ...	11/1/2004	9/7/2007	4	\$14,127
Dunn, Michael		Sustain	Consumer Taste Preferences	7/1/2005	5/31/2008	4	\$4,500
Odgen, Lynn		BAF	Consumer Taste Preferences	1/1/2007	12/31/2007	4	\$8,400
Ogden, Lynn		LDS Welfare Svcs	BYU Quality Food Labs	01-01-07	12-31-07	4	\$166,000
Ogden, Lynn		BAF	Consumer Panel Testing	1/1/2007	12/31/2007	4	\$14,180
Ogden, Lynn		BAF	Consumer Taste Preferences	1/1/2007	12/31/2007	4	\$5,700
Ogden, Lynn		BAF	Consumer Taste Preferences	1/1/2007	12/31/2007	4	\$6,200
Ogden, Lynn		BAF	Consumer Food Testing	1/1/2007	12/31/2007	4	\$13,400
Ogden, Lynn		BAF	Consumer Testing	1/1/2007	12/31/2007	4	\$10,400
Ogden, Lynn		BAF	Consumer Panel Testing	1/1/2007	12/31/2007	4	\$18,100
Ogden, Lynn		BAF	Consumer Taste Preferences	1/1/2007	12/31/2007	4	\$4,200
Ogden, Lynn		BAF	Consumer Taste Preferences	1/1/2007	12/31/2007	4	\$13,178
Ogden, Lynn		BAF	Consumer Taste Preferences	1/1/2007	12/31/2007	4	\$10,800
Ogden, Lynn		LDS Welfare Svcs	BYU Quality Food Laboratory	1/1/2008	12/31/2008	4	\$160,820
Ogden, Lynn		BAF	Consumer Testing	1/1/2008	12/31/2008	4	\$0
Steele, Frost		Deseret Meats	Pathogen Analysis for Meat Products Proceed at Deseret Meats	1/1/2007	12/31/2007	4	\$31,500
<i>Physiology & Developmental Biology</i>							
Barrow, Jeffery		NIH	The Role of Cell Polarity in Vertebrate Limb Outgrowth	8/1/2007	7/31/2008	1	\$72,825
Busath, David		FSU (NIH)	Structure and Function of Gramicidin	3/1/2001	2/28/2010	2	\$67,041
Stark, Michael		NIH	Gene Regulating Neurogenesis.	5/1/2007	4/30/2008	1	\$217,608
Winder, William		NIH	Regulation of Skeletal Muscle LKBI	6/1/2007	5/31/2008	1	\$320,430
<i>Plant & Wildlife Sciences</i>							
Allen, Phil		US Forest Service	Use of Pyrenophora semeniperda for biocontrol	7/29/2006	9/1/2009	1	\$40,000
Allen, Phillip		USDA Forest Service	Exploring the Potential for the Use of Pyrenophora Semeniperda...	7/29/2006	9/30/2010	1	\$122,502
Black, Hal		UT DWR	Survival and Nutritional Ecology... Conservation Ecology of the Dark Kangaroo Mouse....	2/1/2007	6/30/2012	3	\$43,460
Black, Hal		BLM		9/17/2007	9/30/2009	1	\$4,000
Brad Geary	w/Fairbanks, Daniel	McKnight Foundation	Sustainable Production of Quinoa	3/1/2006	2/28/2010	4	\$4,750
Bruce Webb		USGS	Unveiling the Bacterium Mineral Interface	9/25/2007	9/25/2008	1	\$29,500
Craig Coleman	w/Fairbanks, Daniel	McKnight Foundation	Sustainable Production of Quinoa	3/1/2006	2/28/2010	4	\$4,750
Daniel Fairbanks		McKnight Foundation	Sustainable Production of Quinoa	3/1/2006	2/28/2010	4	\$4,750
Eric Jellen	w/Fairbanks, Daniel	McKnight Foundation	Sustainable Production of Quinoa	3/1/2006	2/28/2010	4	\$4,750
Flinders, Jerran		URMCC	Strawberry Valley Sage-Grouse Recovery Project	3/1/2003	6/30/2009	3	\$55,000
Flinders, Jerran		UDNR	Pygmy Rabbits	7/1/2007	6/30/2008	3	\$39,062
Flinders, Jerran		Chukar Club	Pershing County Chukars	2/8/2003	6/14/2008	4	\$10,000
Flinders, Jerran	w/Robinson, Todd	Ntl Wild Turkey Federation	Western Plantings with Drought Tolerant, Western-adapted Species	6/1/2007	5/31/2008	4	\$10,000
Geary, Brad		ISDA Nursery	Breeding Native Western Plants	3/1/2007	2/28/2008	2	\$1,380
Hopkins, Bryan		USU (USDA)	Assessment & Demonstration- Long vs Short Potato Rotations	5/15/2007	5/14/2009	2	\$65,870
Johnson, Robert	w/ Geary, Brad	ISDA Nursery	Breeding Native Western Plants	3/1/2007	2/28/2008	2	\$1,380
Larsen, Randy	w/Flinders, Jerran	UDWR	Benefits, Impacts & Proper Spacing of Water Populations for Chukars	11/2/2006	6/30/2010	3	\$51,187
Larsen, Randy	w/Flinders, Jerran	UDNR	Pygmy Rabbits	7/1/2007	6/30/2008	3	\$39,062
Mikel Stevens	w/Fairbanks, Daniel	McKnight Foundation	Sustainable Production of Quinoa	3/1/2006	2/28/2010	4	\$4,750
Peter Maughan	w/Fairbanks, Daniel	McKnight Foundation	Sustainable Production of Quinoa	3/1/2006	2/28/2010	4	\$4,750
Petersen, Stephen		Oregon St. Univ (BLM)	Landscape Assessment of Sage Grouse Nesting....	9/7/2007	10/1/2008	2	\$9,006
Petersen, Steven		Ntl Park Service	Long-term Revegetation Methods... Bryce Canyon.	8/15/2007	1/14/2008	1	\$1,511
Raymer, Danny	w/Robinson, Todd	Ntl Wild Turkey Federation	Western Plantings with Drought Tolerant, Western-adapted Species	6/1/2007	5/31/2008	4	\$10,000

Robinson, Todd		Ntl Wild Turkey Federation	Western Plantings with Drought Tolerant, Western-adapted Species	6/1/2007	5/31/2008	4	\$10,000
Robinson, Todd		Natl Wildlife Turkey Fed	Western Food Plot Plantings (Mar. 20007)	6/1/2006	5/31/2008	4	\$5,000
Roundy, Bruce		USGS	Evaluate Fire Treatments	9/12/2005	5/22/2008	1	\$231,285
Roundy, Bruce	w/Petersen, Steve	Ntl Park Service	Long-term Revegetation Methods... Bryce Canyon.	8/15/2007	1/14/2008	1	\$1,511
Smith, Thomas		US Fish & Wildlife	Denning Behavior of Polar Bears on Alaska's N Slope	3/12/2007	9/30/2007	1	\$9,269
Stevens, Mikel	w/ Geary, Brad	ISDA Nursery	Breeding Native Western Plants	3/1/2007	2/28/2008	2	\$1,380
Stevens, Mikel		Forest Serv.	Molecular Genetics of Tall Forbs	7/19/2007	9/30/2009	1	\$12,000
Webb, Bruce		USGS	Soils Samples	7/24/2006	7/23/2007	1	\$13,500

Type: 1=Federal; 2=Federal Subcontract; 3=State; 4=Private

Department Totals

Integrative Biology	\$1,439,531
Microbiology & Molecular Biology	\$663,272
Nutrition, Dietetics & Food Science	\$726,775
Physiology & Developmental Biology	\$677,904
Plant & Wildlife Science	\$845,365
Bean Museum	\$5,500
Benson	\$0
College Total:	\$4,358,347

Life Sciences

Source Breakdown of Grants and Contracts

Sponsor	No. Awarded	Amount
Federal Sponsors		
BLM	2	\$9,500
Forest Serv.	2	\$19,643
NIH	5	\$1,060,863
NSF	10	\$609,139
Ntl Park Service	1	\$3,022
US Fish & Wildlife	1	\$9,269
US Forest Service	1	\$40,000
US Forest Srvc (USDA)	1	\$6,000
USAMRAA	2	\$354,000
USDA	2	\$147,659
USDA Forest Service	1	\$122,502
USGS	3	\$274,285
<i>Totals</i>	31	\$2,655,882
Federal Subcontracts Sponsors		
FSU (NIH)	1	\$67,041
ISDA Nursery	1	\$4,140
NFWF	1	\$75,000
Oregon St. Univ (BLM)	1	\$9,006
U of Georgia (NSF)	1	\$13,500
Univ of Florida	1	\$2,500
USU (USDA)	1	\$65,870
Utah Office of ED	1	\$117,499
<i>Totals</i>	8	\$354,556
State Sponsors		
Arkansas Game & Fish	1	\$12,000
CUWCD (UT State)	2	\$50,615
DWR	1	\$81,000
UDNR	1	\$78,124
UDOT	0	\$0
UDWR	1	\$102,375
URMCC	1	\$55,000
UT DNR	1	\$4,607
UT DWR	2	\$238,480
<i>Totals</i>	10	\$622,201

Private Sponsors

BAF	11	\$104,558
Chukar Club	1	\$10,000
Deseret Meats	1	\$31,500
EAU Technologies	1	\$2,000
LDS Welfare Svcs	2	\$326,820
McKnight Foundation	1	\$28,500
Natl Wildlife Turkey Fed	2	\$35,000
Solutions BioMed	5	\$29,455
Sportsmen for Fish & Wildlife	1	\$25,000
Sportsmen for Habitat	1	\$10,000
Sustain	3	\$38,897
UDOT	0	\$0
US Israel Bintl Sci Fndtn	1	\$11,500
<i>Totals</i>	30	\$653,230

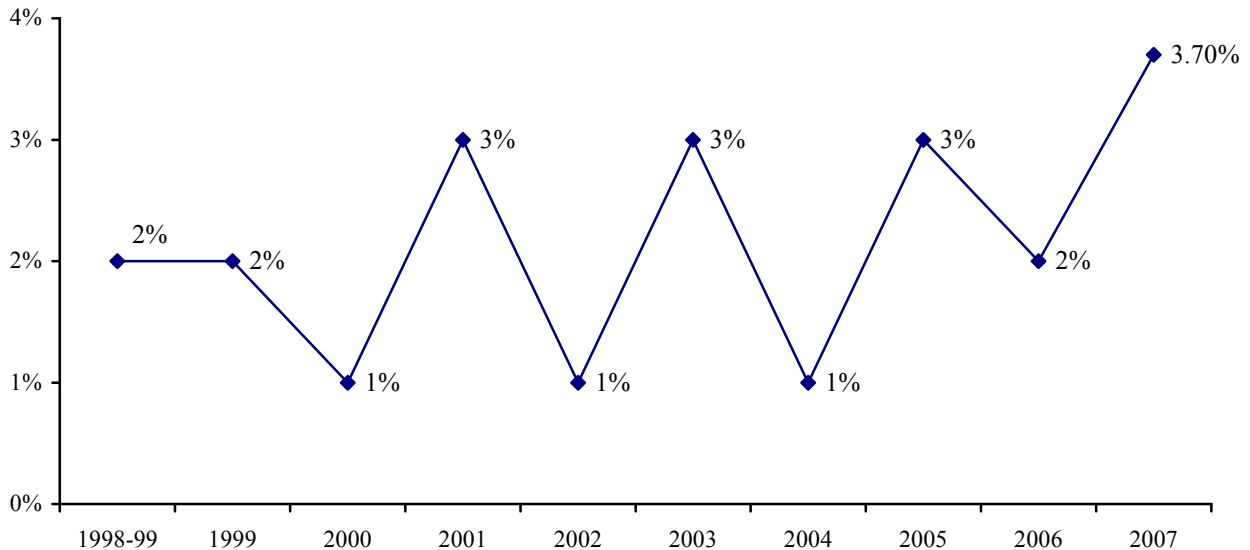


Marriott School of Management

Summary of Sponsored Research (Grants & Contracts)

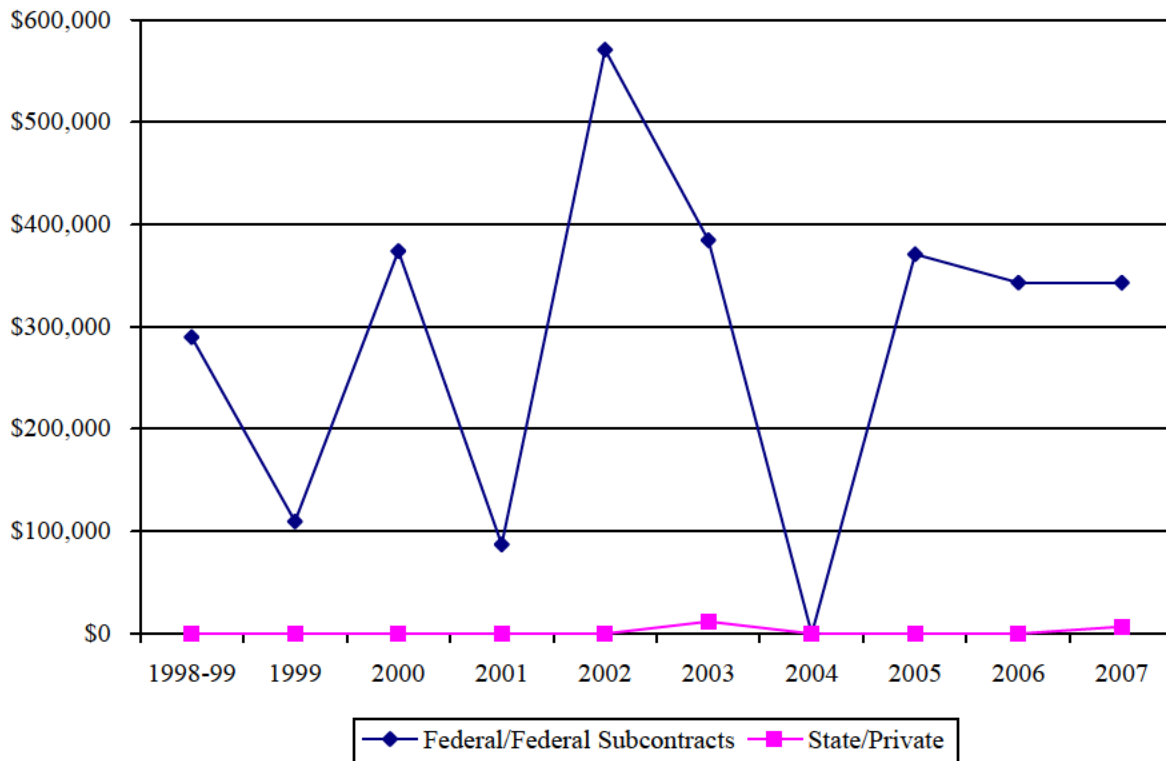
Department	# of Faculty	# of Faculty Submitting	# of Proposals Submitted	# of Awards	Dollars Awarded
Business Management	39	0	1	1	\$7,000
Organizational Leadership & Strategy	22	1	0	0	\$0
Romney Inst of Public Management	11	0	0	0	\$0
School of Accountancy	25	3	1	1	\$343,000
Information Systems	11	0	0	0	\$0
TOTALS	108	4	2	2	\$350,000

Proposal Submission Activity



External Research Funding (All Sources)

Year	Grants/Contracts		Total
	Federal/Federal Subcontracts	State/Private	
1998-99	\$289,890	\$0	\$289,890
1999	\$109,890	\$0	\$109,890
2000	\$374,000	\$0	\$374,000
2001	\$87,124	\$0	\$87,124
2002	\$570,628	\$0	\$570,628
2003	\$384,700	\$11,850	\$396,550
2004	\$0	\$0	\$0
2005	\$370,850	\$0	\$370,850
2006	\$343,000	\$0	\$343,000
2007	\$343,000	\$7,000	\$350,000



Marriot School of Management 2007 Awards

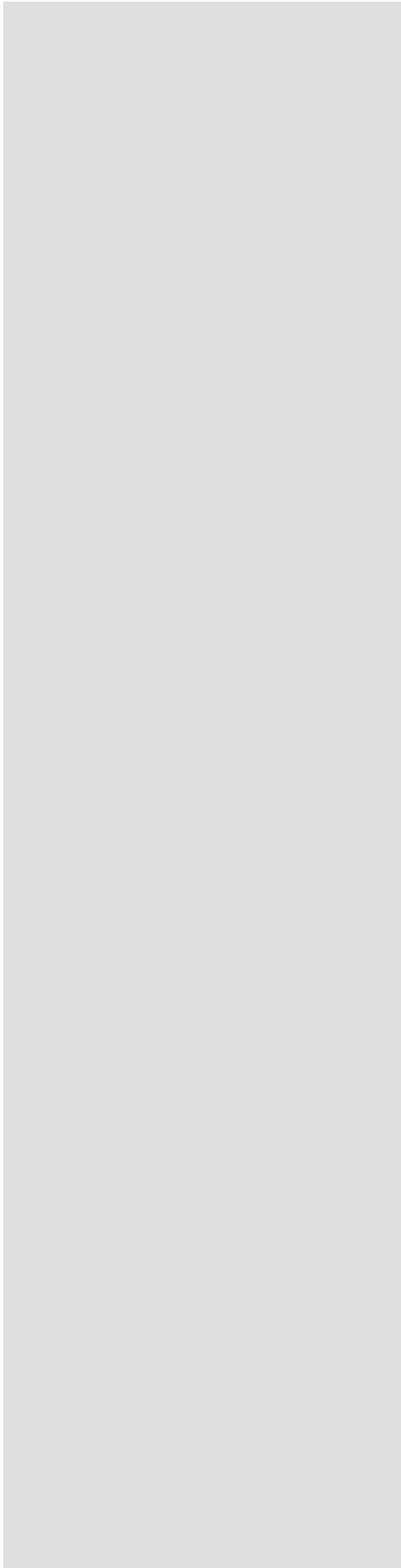
PI	CO-PI	Sponsor	Title	Start Date	End Date	Amount
<i>Business Management</i>						
Thomas, Mark		BLM	Coal Project (August 2007)	1/1/2007	8/30/2007	\$7,000
<i>School of Accountancy</i>						
Radebaugh, Lee		DOE	Centers for International Business Education (CIBER)	10/1/2006	9/30/2010	\$343,000

Type: 1=Federal; 2=Federal Subcontract; 3=State; 4=Private

Department Totals	
Center for Economic Development	\$0
Business Management	\$7,000
Organizational Leadership & Strategy	\$0
Romney Inst of Public Management	\$0
School of Accountancy	\$343,000
Information Systems	\$0
College Total:	\$350,000

Marriot School of Management Source Breakdown of Grants and Contracts

Sponsor	Number Awarded	Total Amount
Federal		
Dept. of Education	1	\$343,000
<i>Total</i>	1	\$343,000
Subcontracts		
None		
<i>Total</i>		
State		
None		
<i>Total</i>		
Private		
BLM	1	\$7,000
<i>Total</i>	1	\$7,000

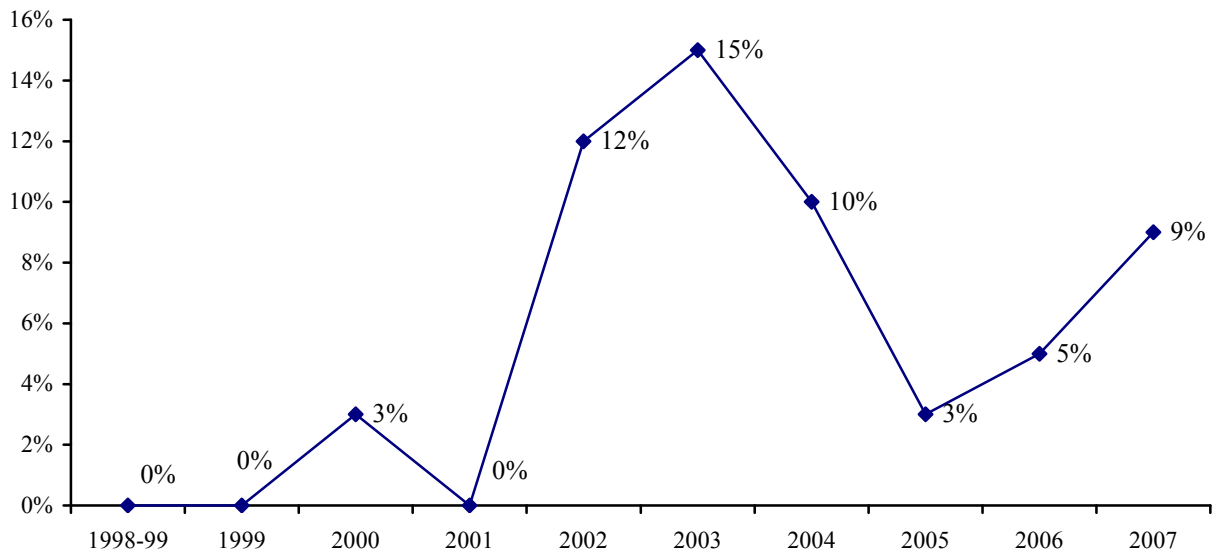


College of Nursing

Summary of Sponsored Research (Grants & Contracts)

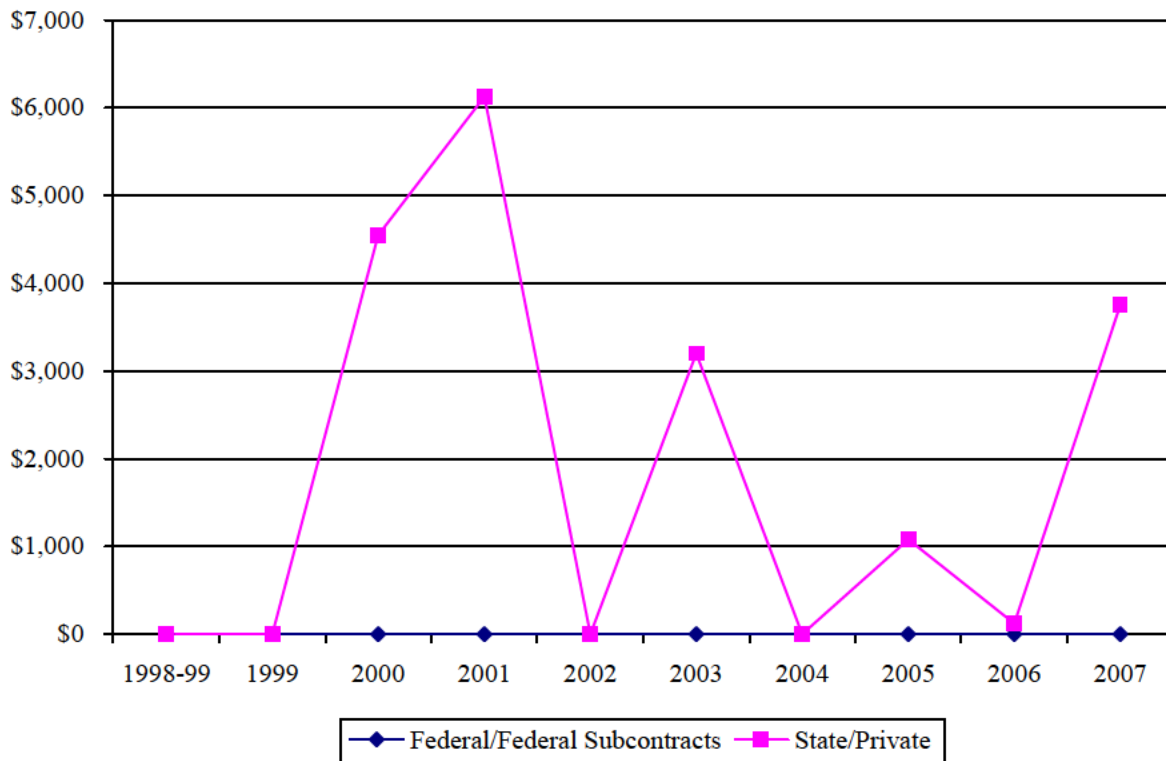
Department	# of Faculty	# of Faculty Submitting	# of Proposals Submitted	# of Awards	Dollars Awarded
Nursing	33	3	2	1	\$3,750
<i>TOTALS</i>	33	3	2	1	\$3,750

Proposal Submission Activity



External Research Funding (All Sources)

Year	Grants/Contracts		Total
	Federal/Federal Subcontracts	State/Private	
1998-99	\$0	\$0	\$0
1999	\$0	\$0	\$0
2000	\$0	\$4,550	\$4,550
2001	\$0	\$6,129	\$6,129
2002	\$0	\$0	\$0
2003	\$0	\$3,200	\$3,200
2004	\$0	\$0	\$0
2005	\$0	\$1,080	\$1,080
2006	\$0	\$120	\$120
2007	\$0	\$3,750	\$3,750



Nursing 2007 Awards

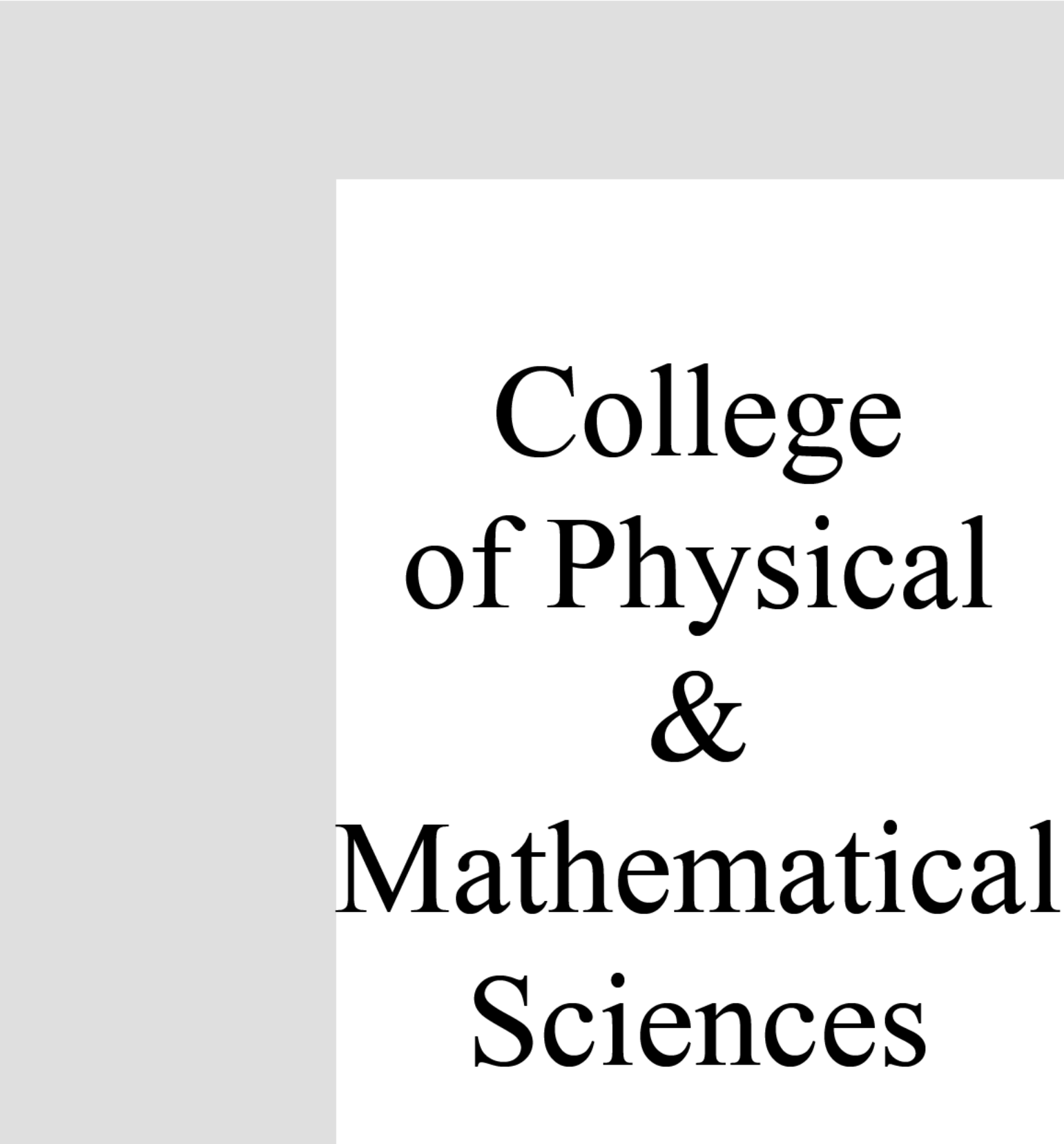
<u>PI</u>	<u>Co-PI</u>	<u>Sponsor</u>	<u>Title</u>	<u>Start Date</u>	<u>End Date</u>	<u>Type</u>	<u>Amount</u>
Maughan, Erin		NASN	What does your school nurse do?	3/1/2007	2/28/2008	4	\$3,750

Type: 1=Federal; 2=Federal Subcontract; 3=State; 4=Private

Department Totals		
Nursing	\$3,750	
College Total:	\$3,750	

Nursing Source Breakdown of Grants and Contracts

<u>Sponsor</u>	<u>Number Awarded</u>	<u>Total Amount</u>
Federal		
None		
<i>Total</i>	<hr/>	
Subcontracts		
None		
<i>Total</i>	<hr/>	
State		
None		
<i>Total</i>	<hr/>	
Private		
NASN	1	\$3,750
<i>Total</i>	1	\$3,750

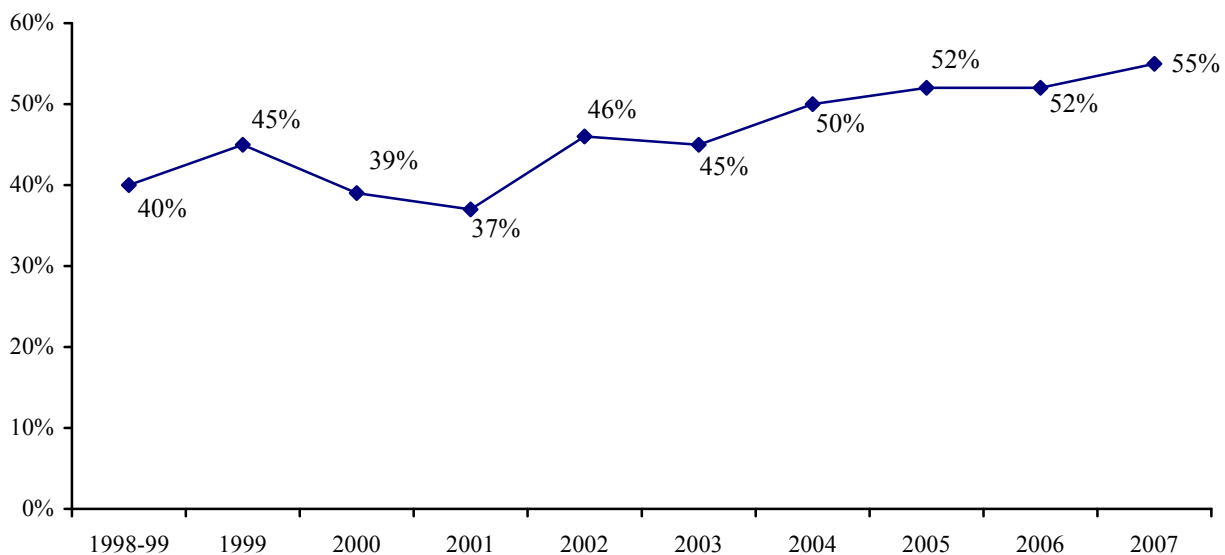


College of Physical & Mathematical Sciences

Summary of Sponsored Research (Grants & Contracts)

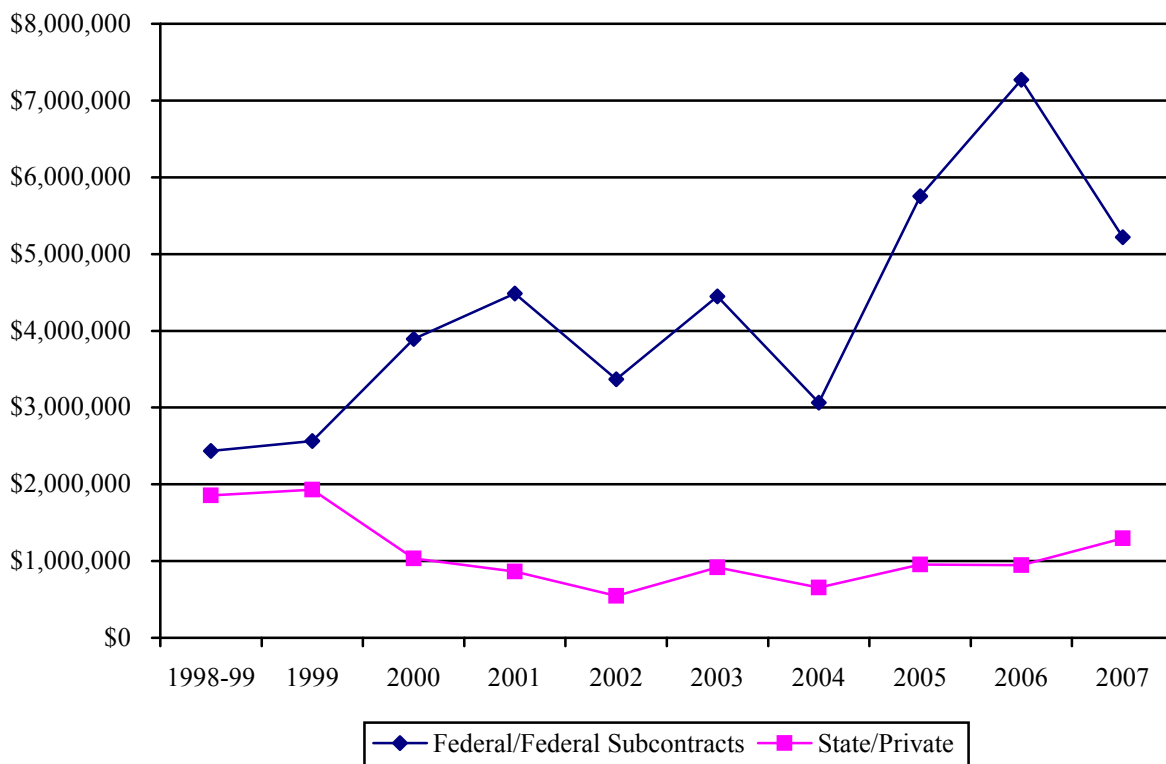
Department	# of Faculty	# of Faculty Submitting	# of Proposals Submitted	# of Awards	Dollars Awarded
Chemistry & Biochemistry	31	23	57	46	\$4,511,810
Computer Science	24	9	14	10	\$512,954
Geology	14	17	18	10	\$315,845
Mathematics	30	13	18	5	\$265,025
Mathematics Education	12	1	1	0	\$0
Physics & Astronomy	31	20	36	21	\$907,085
Statistics	14	3	1	0	\$0
TOTALS	156	86	145	92	\$6,512,719

Proposal Submission Activity



External Research Funding (All Sources)

Year	Grants/Contracts		Total
	Federal/Federal Subcontracts	State/Private	
1998-99	\$2,436,351	\$1,853,248	\$4,316,599
1999	\$2,561,770	\$1,928,464	\$4,490,234
2000	\$3,892,327	\$1,032,159	\$4,924,486
2001	\$4,485,814	\$865,015	\$5,350,829
2002	\$3,368,967	\$547,133	\$3,916,100
2003	\$4,447,192	\$915,462	\$5,362,654
2004	\$3,065,799	\$653,585	\$3,719,384
2005	\$5,752,653	\$956,651	\$6,709,304
2006	\$7,272,491	\$945,392	\$8,217,883
2007	\$5,218,139	\$1,294,580	\$6,512,719



Physical & Mathematical Sciences 2007 Awards

<u>PI</u>	<u>CO-PI</u>	<u>Sponsor</u>	<u>Title</u>	<u>Start Date</u>	<u>End Date</u>	<u>Type</u>	<u>Amount</u>
<i>Chemistry & Biochemistry</i>							
Andrus, Merritt		Research Corporation	Phase-Transfer Catalyzed Acyl-Imidazole Reactions	4/1/2007	3/31/2009	4	\$50,000
Austin, Daniel		Society of Analytical Chemists	High-Velocity impact dissociation and ionization of whole viruses	6/8/2007	12/31/2007	4	\$20,000
Austin, Daniel		NASA	Characterization of Planetary Atmospheres & Gases	6/4/2007	6/30/2010	1	\$558,336
Boerio-Goates, Julie	W/ Woodfield, Brian	Headwaters, Inc.	Production of Fe304 Nanoparticles	7/30/2007	8/31/2008	4	\$21,000
Boerio-Goates, Julie	w/Woodfield, Brian	Cosmas (NSF)	Synthesis of Metal, Mixed Metal Oxide Nanoparticles	1/1/2008	12/31/2008	2	\$24,534
Burton, Greg		John Hopkins (NIH)	Tissue and Cell Reservoirs for HIV	7/15/2003	12/31/2007	2	\$68,958
Buskirk, Allen		NIH	Genetic Studies on Bacterial Trans-translation	5/1/2006	4/30/2008	1	\$218,457
Castle, Steven L.		NIH	New Methods for the Synthesis of Unusual Peptides	4/1/2004	3/31/2008	1	\$213,341
Castle, Steven L.		NSF	New Stereo Selective Radical Cyclizations	8/15/2007	7/31/2009	1	\$234,979
Crandall, Keith	w/ Burton, Greg	John Hopkins (NIH)	Tissue and Cell Reservoirs for HIV	7/15/2003	12/31/2007	2	\$68,958
Dearden, David		NSF	Supramolecular Characterization via Spectrometry	8/1/2006	7/31/2008	1	\$100,000
Farnsworth, Paul		DOE	Ion Production Atmospheric Pressure Source	11/1/2007	10/31/2008	1	\$65,000
Fleming, Steven A.	w/ Paul Savage	NSF	Mass	9/1/2007	8/31/2010	1	\$223,099
Graves, Steven		Glenveigh Research LLC	Bio-Organic Reactions Animations	9/1/2007	8/31/2010	1	\$223,099
Izatt, Reed		US Army	Digibind for the Treatment of Severe Preeclampsia	11/1/2003	8/31/2008	4	\$35,000
Izatt, Reed		ONRRO Seattle	Modeling and Thermodynamic Study	8/1/2006	12-31-07	1	\$60,000
Izatt, Reed		ONRRO Seattle	Modeling and Thermodynamic Study	8/1/2006	12/31/2008	1	\$60,000
Lamb, John		Dionex Corp	Macrocycle Based Ion Chromatography	10/10/2006	6/30/2007	4	\$30,000
Lee, Milt		UofU (Dugway)	Near Real Time Low Vapor Concentration Agent	5/1/2007	12/31/2007	2	\$33,125
Lee, Milt		Berkeley Heart Lab	Differential Mobility Analysis of Lipoprotein Particles	6/1/2007	8/31/2007	4	\$37,397
Lee, Milt		Berkeley Heart Lab	Differential Mobility Analysis of Lipoprotein Particles	9/1/2007	12/31/2008	4	\$149,587
Lee, Milton	w/Linford, Matt	US Synthetic	New Diamond Materials for Chromatography	1/1/2007	12/31/2007	4	\$13,563
Lee, Milton		Torion (Palmar)	High Throughput Chemical Analyzer	3/1/2004	12/31/2007	4	\$75,000
Lee, Milton		Torion Technologies	Portable GC-MS System Development	5/1/2006	4/30/2008	2	\$39,000
Lee, Milton		Torion Technologies	Chemical & Biological Agent Detector	5/8/2003	12/31/2007	2	\$9,375
Lee, Milton	w/Linford, Matt	US Synthetics	New Diamond Materials for Chromatography	1/1/2008	12/31/2008	4	\$46,500
Linford, Matt		US Synthetic	New Diamond Materials for Chromatography	1/1/2007	12/31/2007	4	\$13,563
Linford, Matt		US Synthetic	Research Collaboration with US Synthetics	9/3/2003	8/31/2007	4	\$16,663
Linford, Matt		Sonic Innovations Inc	Research Collaboration with Sonic Innovations	8/14/2006	8/31/2007	4	\$5,625
Linford, Matt	w/Harb, John	NSF	Chemically Directed Surface Alignment/Wiring-Nanoelectrical Circuits	7/1/2007	6/30/2011	1	\$200,000
Linford, Matt		US Synthetic	Development of Faster Cobalt Leaching of Diamond	11/1/2007	4/30/2008	4	\$8,500
Linford, Matt		U of A (NIH)	Rental/Lease of Gilson GX-271 ASPEC	7/1/2007	12/31/2007	2	\$19,899
Linford, Matt		US Synthetics	New Diamond Materials for Chromatography	1/1/2008	12/31/2008	4	\$46,500
Linford, Matthew		US Synthetic	Research Collaboration with US Synthetics	12/15/2005	12/31/2006	4	\$4,168
Linford, Matthew		Yield Engineering Systems	Characterization of Silane Modified Surfaces	4/1/2007	4/20/2008	4	\$44,000
Linford, Matthew		BioMicro Systems	BioMicro Slide Surface Modification	10/19/2007	4/19/2008	4	\$4,000
Savage, Paul		Univ of Chicago (NIH)	Glycolipid Presentation by Cdid (TH1/TH2 Glycolipid Adjuvants)	1/15/2003	12/31/2007	2	\$190,984
Savage, Paul		Univ of Chicago (NIH)	Glycolipid Presentation by Cdid (TH1/TH2 Glycolipid Adjuvants)	1/15/2003	12/31/2006	2	\$2,441
Savage, Paul		Tech Transfer	Royalty Funding (July 2007)	5/12/2004	12/31/2010	4	\$60,750

Savage, Paul B.		Scripps (NIH)	Using Lipids for Vaccination	8/1/2007	7/31/2008	2	\$89,430
Savage, Paul B.		NSF	Bio-Organic Reactions Animations	9/1/2007	8/31/2010	1	\$223,100
Savage, Paul B.		University of Chicago (NIH)	Glycolipid Presentation by CD1d (TH1/TH2 Glycolipid Adjuvants)	1/1/2007	12/31/2007	2	\$40,583
Willardson, Barry		NIH	Physiological Role of Phosducins in the Retina	5/3/1999	4/30/2008	1	\$218,483
Willardson, Barry M.		NIH	Co-Chaperone Role of Phosducin-like Protein in G Protein	9/17/2007	6/30/2008	1	\$283,024
Woodfield, Brian		Ceramatec	Sulfur-Tolerant Anode for Solid Oxide Fuel Cell	3/1/2007	2/28/2009	2	\$19,500
Woodfield, Brian		NIST	NIST Summer Research Program (Gaithersburg)	4/1/2007	9/14/2007	1	\$6,934
Woodfield, Brian		Dept of Energy	Energetics of Nanomaterials	6/1/2005	5/14/2008	1	\$165,000
Woodfield, Brian		Headwaters, Inc.	Production of Fe304 Nanoparticles	7/30/2007	8/31/2008	4	\$21,000
Woodfield, Brian		Cosmas (NSF)	Synthesis of Metal, Mixed Metal Oxide Nanoparticles	1/1/2008	12/31/2008	2	\$24,534
Woodfield, Brian F.		Ceramatec, Inc.	Portable, Moderate-temperature Solid-oxide Fuel Cells	7/26/2007	1/26/2008	2	\$30,750
Woodfield, Brian F.		Ceramatec (Air Force)	Alumina IR Windows w/ Nanoscale Sintered Windows	10/15/2007	7/15/2008	2	\$30,000
Woolley, Adam		NIH	Phase-Changing Sacrificial Layer Microfluidics	4/1/2006	1/31/2008	1	\$216,000
Woolley, Adam		Dreyfus Foundation	Microchip Separations in Undergraduate Chemistry Labs	2/7/2007	2/28/2009	4	\$40,000
Woolley, Adam		NIH	Phase-Changing Sacrificial Layer Microfluidics	4/1/2006	1/31/2008	1	\$46,170
Woolley, Adam	w/Harb, John	NSF	Chemically Directed Surface Alignment/Wiring-Nanoelectrical Circuits	7/1/2007	6/30/2011	1	\$200,000
Woolley, Earl	w/Dallon, John	NSF	Mathematic Differentiation of Regenerative From Scarring Repair	1/15/2007	12/31/2007	1	\$33,327
<i>Computer Science</i>							
Barrett, William		Adobe Systems	Computer Systems Vectorization	4/1/1997	12/31/2007	4	\$37,500
Embley, David		NSF	REU: TANGO	8/31/2007	7/31/2008	1	\$6,000
Goodrich, Michael		MA&D (Alion)	Frameworks for Adjustable Autonomy	3/1/2007	4/10/2008	4	\$40,743
Goodrich, Michael		NSF	UAV	11/1/2005	10/31/2008	1	\$4,000
Goodrich, Michael		Alion	Frameworks for Adjustable Autonomy	4/11/2007	4/10/2008	2	\$43,868
Martinez, Tony		NSF	NSF Graduate Research Fellowship (Kristine Perry)	9/15/2007	8/31/2012	1	\$40,500
Morse, Bryan	w/ Goodrich, Michael	NSF	UAV	11/1/2005	10/31/2008	1	\$4,000
Morse, Bryan		Adobe	Video Segmentation	9/15/2007	9/15/2008	4	\$39,000
Seamons, Kent		NSF	ITR	7/26/2007	8/31/2008	1	\$180,250
Seamons, Kent		UC Irvine (NSF)	Flexible Access Control Systems for Urban Crisis Response	10/1/2003	9/30/2008	2	\$82,093
Ventura, Dan		NSF	Creative Intelligent Systems Symposium	9/15/2007	5/31/2008	1	\$25,000
<i>Geology</i>							
Britt, Brooks		UT Arts & Museum	Ambient Air Filter Systems	8/20/2007	8/20/2008	3	\$8,357
Keach, Bill		Univ of Utah	Continental Sediment Scale Dispersal....	7/1/2007	8/31/2007	4	\$16,975
Kowallis, Bart		USGS	Geologic Mapping: Jessen Butte 7 1/2 min Quad, Dagget Co, Ut	7/1/2007	6/30/2008	1	\$14,230
Mayo, Alan	w/McBride, John	Nye County, NV	Geophysical & Geological Investigation of Sub-surface Hydrogeology	7/1/2007	6/15/2008	3	\$19,428
McBride, John		Univ of IL at UC (DOE)	CO2 Sequestration in the Illinois Basin	10/1/2005	9/30/2007	2	\$60,234
McBride, John		Nye County, NV	Geophysical & Geological Investigation of Sub-surface Hydrogeology	7/1/2007	6/15/2008	3	\$19,428
McBride, John		IGES Ingenieros	Acquisition & Processing of Ground Penetrating Radar in Midway, UT	5/31/2007	9/15/2007	4	\$618
McBride, John		IGES Ingenieros	Acquisition and Processing of Seismic Data (Aug 2007)	1/8/2007	12/31/2008	4	\$86,347
Morris, Tom		Utah Geological Survey	Sequence Stratography: A Cooperative Course	9/1/2007	10/31/2007	3	\$4,500
Nelson, Steve	w/McBride, John	Nye County, NV	Geophysical & Geological Investigation of Sub-surface Hydrogeology	7/1/2007	6/15/2008	3	\$19,427
Ritter, Scott		UT Geological Survey	Depositional & Petrophysical Characterization of Limestone	9/3/2007	6/30/2008	3	\$13,091

Scheetz, Rodney		State of Utah	Construction of Collection Storage Cabinets	6/15/2006	6/30/2007	3	\$6,000
Scheetz, Rodney	w/Britt, Brooks	UT Arts & Museum	Ambient Air Filter Systems	8/20/2007	8/20/2008	3	\$8,356
Tingey, David	w/McBride, John	Nye County, NV	Geophysical & Geological Investigation of Sub-surface Hydrogeology	7/1/2007	6/15/2008	3	\$19,427
<i>Mathematics</i>							
Bakker, Lennard	w/Fisher, Todd	NSF	Rocky Mountain Dynamical Systems Conference	5/1/2008	4/30/2009	1	\$4,725
Dallon, John		NSF	Mathematic Differentiation of Regenerative From Scarring Repair	1/15/2007	12/31/2007	1	\$33,328
Dorff, Michael		NSF	Complex Analysis Projects....	6/1/2007	5/31/2008	1	\$36,444
Ehrlich, Paul	w/Dallon, John	NSF	Mathematic Differentiation of Regenerative From Scarring Repair	1/15/2007	12/31/2007	1	\$33,327
Fisher, Todd		NSF	Rocky Mountain Dynamical Systems Conference	5/1/2008	4/30/2009	1	\$4,725
Li, Xian-Jin		DOD (NSA)	Selberg trace formula & the Beurling-Selberg functions	1/27/2006	1/26/2008	1	\$15,851
Lu, Kening	w/Fisher, Todd	NSF	Rocky Mountain Dynamical Systems Conference	5/1/2008	4/30/2009	1	\$4,725
Purcell, Jessica Rudolph, Daniel	w/Fisher, Todd	NSF	Geometry and Topology of Knots nad Links.	8/1/2007	7/31/2010	1	\$93,848
		NSF	Rocky Mountain Dynamical Systems Conference	5/1/2008	4/30/2009	1	\$4,725
<i>Physics & Astronomy</i>							
Albrechtsen, Jacob	w/Stephens, Denise	Space Telescope Sci Inst (NASA)	Searching for Unresolved Binary Brown Dwarfs....	8/1/2007	7/31/2009	2	\$13,000
Allred, David		WAESO	WAESO Support	6/15/2007	6/14/2008	2	\$756
Allred, David		ASU (NSF)	WAESO	8/28/2007	8/27/2008	2	\$756
Colton, John		NSF	T2 Measurement in GaAs....	9/1/2007	7/31/2008	1	\$58,936
Davis, Robert		Cornell Univ (NSF)	Center for Nanoscale Systems in Information Technology	10/1/2006	9/30/2007	2	\$30,000
Davis, Robert	w/Harb, John	NSF	Chemically Directed Surface Alignment/Wiring-Nanoelectrical Circuits	7/1/2007	6/30/2011	1	\$200,000
Davis, Robert		Cornell (NSF)	Center for Nanoscale Systems in Information Technology	10/1/2006	9/30/2008	2	\$30,000
Gee, Kent		STI Technologies	Energy Based Acquostic Measurement Sensors	8/1/2005	6/30/2008	2	\$16,667
Gee, Kent		STI Technologies	Energy Based Acquostic Measurement Sensors	8/1/2005	6/30/2008	2	\$13,334
Gee, Kent		Blue Ridge Research	Near-field Acoustical Holography System- Jet Noise Measurements	4/4/2007	3/1/2008	2	\$10,985
Gee, Kent	w/Sommerfeldt, Scott	TechnoFirst America	Development of Active Noise Control Concepts	9/5/2007	12/4/2007	4	\$75,000
Gee, Kent		HHI Corporation	Blast and Noise Measurements and Analysis	10/8/2007	11/30/2007	4	\$4,500
Hart, Gus		NSF	Materials World Network	8/1/2006	7/31/2008	1	\$78,000
Hirschmann, Eric		NSF	Simulating Neutron Star-Black Hole Inspiral	9/1/2007	8/31/2008	1	\$40,000
Neilsen, David	w/Hirschmann, Eric	NSF	Simulating Neutron Star-Black Hole Inspiral	9/1/2007	8/31/2008	1	\$40,000
Peatross, Justin		NSF	Laser High Harmonics REU addition (August 2007)	7/1/2005	6/30/2008	1	\$5,000
Somerfeldt, Scott		STI Technologies	Energy Based Acquostic Measurement Sensors	8/1/2005	6/30/2008	2	\$16,667
Somerfeldt, Scott	w/ Gee, Kent	STI Technologies	Energy Based Acquostic Measurement Sensors	8/1/2005	6/30/2008	2	\$13,333
Somerfeldt, Scott		Caterpillar	Active Noise Control in Earth Moving Equipment	1/1/2006	7/31/2007	4	\$26,640
Sommerfeldt, Scott	w/Gee, Kent	Blue Ridge Research	Near-field Acoustical Holography System- Jet Noise Measurements	4/4/2007	3/1/2008	2	\$10,985
Sommerfeldt, Scott		TechnoFirst America	Development of Active Noise Control Concepts	9/5/2007	12/4/2007	4	\$75,000
Spencer, Ross	w/Farnsworth, Paul	DOE	Ion Production Atmospheric Pressure Source Mass	11/1/2007	10/31/2008	1	\$65,000
Stephens, Denise		STSI-GMS	Orbits, Maasses, and Densities of Transneptunian Binaries	2/1/2007	1/31/2008	2	\$9,387
Stephens, Denise		Spitzer Science Center	Atmospheric Variability in Brown Dwarfs with IRAC	3/20/2007	6/30/2008	2	\$30,400
Stephens, Denise		Space Telescope Sci Inst (NASA)	Searching for Unresolved Binary Brown Dwarfs....	8/1/2007	7/31/2009	2	\$13,000
Turley, Stephen		NSF	REU: Physics Research	5/1/2006	4/30/2008	1	\$78,000
Vanfleet, Richard		MOXTEK	Very High Aspect Ratio Structures	11/13/2006	4/30/2008	4	\$12,000

Bergeson, Scott	NSF	Non-equilibrium Dynamics of Ultracold Neutral Plasmas	6/1/2007	5/31/2008	1	\$113,755
Durfee, Dallin	NIST	Testing Coulomb's Law with Cold-ion Matterwave Interferometry	10/1/2007	9/30/2010	1	\$50,000

Type: 1=Federal; 2=Federal Subcontract; 3=State; 4=Private

Department Totals	
Chemistry & Biochemistry	\$4,760,137
Computer Science	\$502,954
Geology	\$296,418
Mathematics	\$231,698
Mathematics Education	\$0
Physics & Astronomy	\$1,131,101
Statistics	\$0
College Total:	\$6,922,308

Physical & Mathematical Sciences

Source Breakdown of Grants and Contracts

Sponsor	No. Awarded	Total Amount
Federal		
Dept of Energy	1	\$165,000
DOD (NSA)	1	\$15,851
DOE	1	\$130,000
NASA	1	\$558,336
NIH	6	\$1,195,475
NIST	2	\$56,934
NSF	18	\$1,713,793
ONRRO Seattle	1	\$120,000
US Army	1	\$120,000
USGS	1	\$14,230
<i>Total</i>	33	\$4,089,619

Subcontract		
Alion	1	\$43,868
ASU (NSF)	1	\$756
Blue Ridge Research	1	\$32,955
Ceramatec	1	\$19,500
Ceramatec (Air Force)	1	\$30,000
Ceramatec, Inc.	1	\$30,750
Cornell (NSF)	2	\$60,000
Cosmas (NSF)	1	\$49,068
John Hopkins (NIH)	1	\$137,916
Scripps (NIH)	1	\$89,430
Space Telescope Sci Ins (NASA)	1	\$26,000
Spitzer Science Center	1	\$30,400
STI Technologies	2	\$90,000
STSI-GMS	1	\$9,387
Torion Technologies	2	\$48,375
U of A (NIH)	1	\$19,899
UC Irvine (NSF)	1	\$82,093
Univ of Chicago (NIH)	2	\$193,425
Univ of IL at UC (DOE)	1	\$60,234
University of Chicago (NIH)	1	\$40,583
UofU (Dugway)	1	\$33,125
WAESO	1	\$756
<i>Total</i>	26	\$1,128,520

Physical & Mathematical Sciences

Source Breakdown of Grants and Contracts

State

Nye County, NV	1	\$97,137
State of Utah	1	\$6,000
UT Arts & Museum	1	\$16,713
UT Geological Survey	2	\$17,591
<i>Total</i>	5	\$137,441

Private

Adobe	1	\$39,000
Adobe Systems	1	\$37,500
Berkeley Heart Lab	2	\$186,984
BioMicro Systems	1	\$4,000
Caterpillar	1	\$26,640
Dionex Corp	1	\$30,000
Dreyfus Foundation	1	\$40,000
Glenveigh Research LLC	1	\$35,000
Headwaters, Inc.	1	\$42,000
HHI Corporation	1	\$4,500
IGES Ingenieros	2	\$86,965
MA&D (Alion)	1	\$40,743
MOXTEK	1	\$12,000
Research Corporation	1	\$50,000
Society of Analytical Chemists	1	\$20,000
Sonic Innovations Inc	1	\$5,625
Tech Transfer	1	\$60,750
TechnoFirst America	1	\$150,000
Torion (Palmar)	1	\$75,000
Univ of Utah	1	\$16,975
US Synthetic	5	\$149,457
Yield Engineering Systems	1	\$44,000
<i>Total</i>	28	\$1,157,139

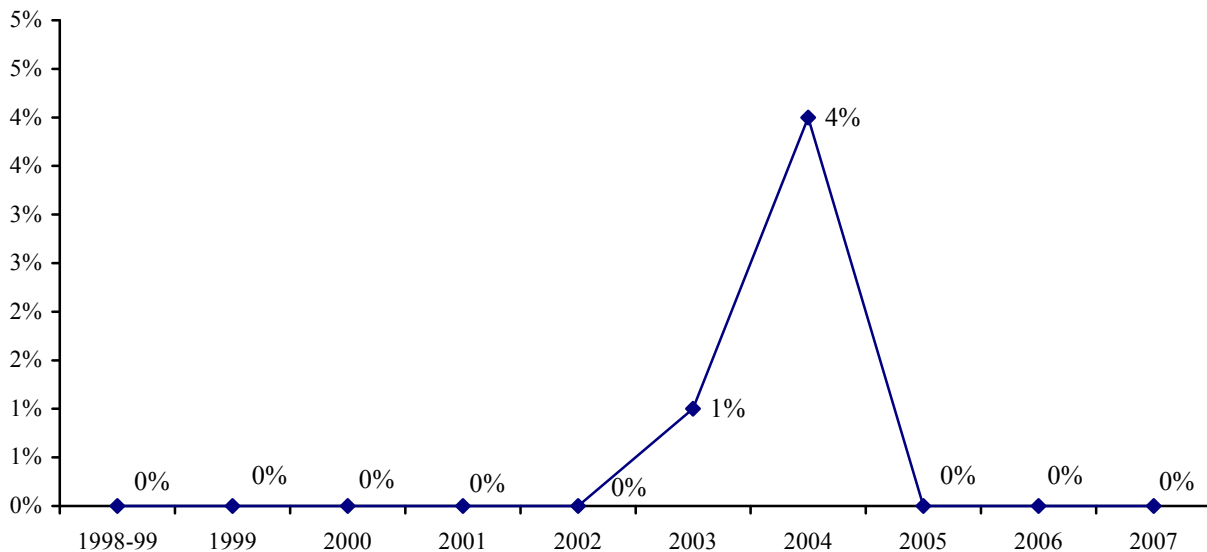


Religious Education

Summary of Sponsored Research (Grants & Contracts)

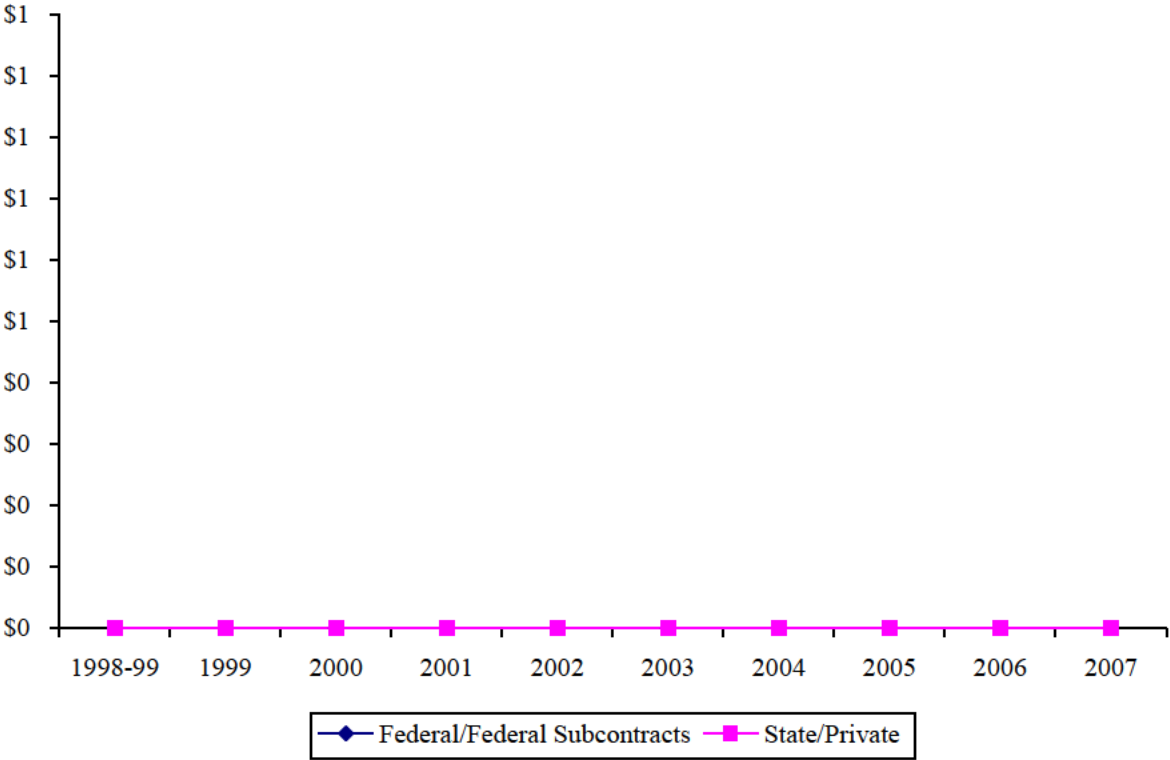
Department	# of Faculty	# of Faculty Submitting	# of Proposals Submitted	# of Awards	Dollars Awarded
Ancient Scripture	33	0	0	0	\$0
Church History & Doctrine	33	0	0	0	\$0
TOTALS	66	0	0	0	\$0

Proposal Submission Activity



External Research Funding (All Sources)

Year	Grants/Contracts		Total
	Federal/Federal Subcontracts	State/Private	
1998-99	\$0	\$0	\$0
1999	\$0	\$0	\$0
2000	\$0	\$0	\$0
2001	\$0	\$0	\$0
2002	\$0	\$0	\$0
2003	\$0	\$0	\$0
2004	\$0	\$0	\$0
2005	\$0	\$0	\$0
2006	\$0	\$0	\$0
2007	\$0	\$0	\$0

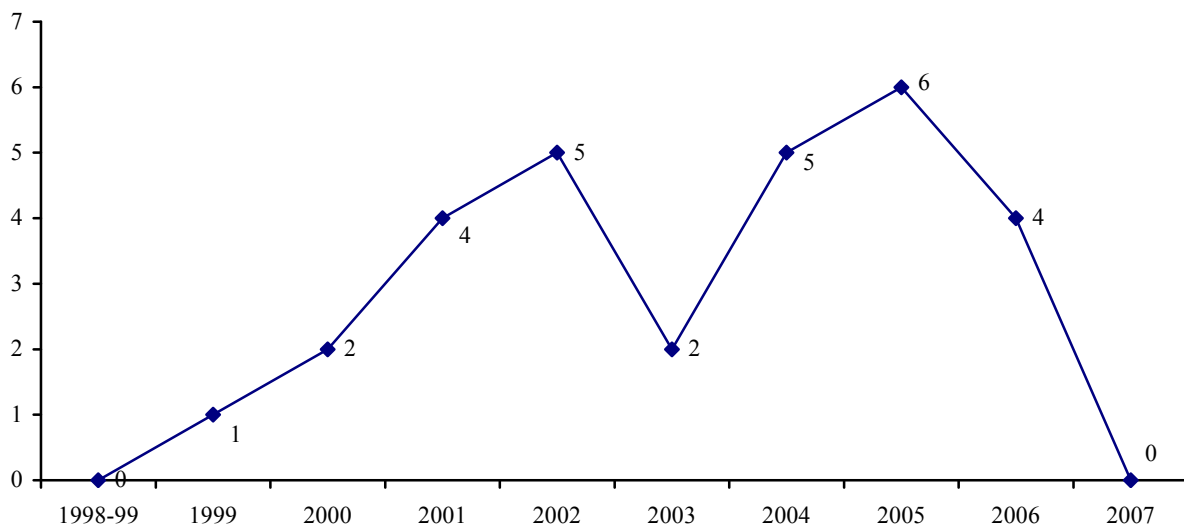


Non-College Units

Summary of Sponsored Research (Grants & Contracts)

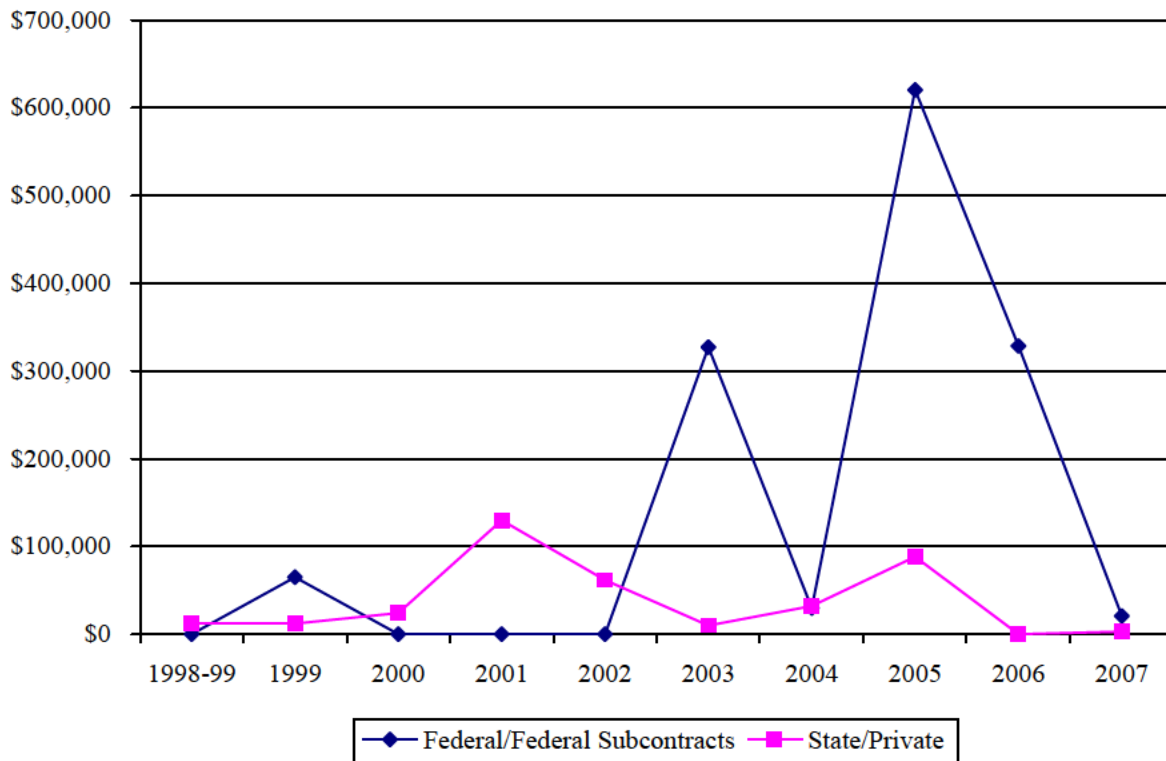
Department	# of Proposals Submitted	# of Awards	Dollars Awarded
Academic Internship	0	0	\$0
Admissions & Records	0	0	\$0
Assocate Academic Vice President	0	0	\$0
Center for Instructional Design	0	0	\$0
Church Educational System	0	0	\$0
Faculty Center	0	0	\$0
General Education & Honors	0	0	\$0
Harold B. Lee Library	0	1	\$20,718
Information Technology Services	0	0	\$0
Neal A. Maxwell Institute for Religious Scholarship	0	0	\$0
Jacobsen Center	0	0	\$0
Media Services	0	0	\$0
Office of Research and Creative Activities	0	5	\$3,100
Technology Transfer	0	0	\$0
University Accessibility Center	0	0	\$0
University Computing Services	0	0	\$0
TOTALS	0	6	\$23,818

Proposals Submitted



External Research Funding (All Sources)

Year	Grants/Contracts		Total
	Federal/Federal Subcontracts	State/Private	
1998-99	\$0	\$12,000	\$12,000
1999	\$64,875	\$12,000	\$76,875
2000	\$0	\$24,000	\$24,000
2001	\$0	\$129,916	\$129,916
2002	\$0	\$61,600	\$61,600
2003	\$327,250	\$10,000	\$337,250
2004	\$30,000	\$32,000	\$62,000
2005	\$620,500	\$88,350	\$708,850
2006	\$328,500	\$0	\$328,500
2007	\$20,718	\$3,100	\$23,818



Non-College Units 2007 Awards

<u>PI</u>	<u>Co-PI</u>	<u>Sponsor</u>	<u>Title</u>	<u>Start Date</u>	<u>End Date</u>	<u>Type</u>	<u>Amount</u>
<i>Harold B. Lee Library</i>							
Eldredge, Scott		Colorado State (NEH)	GWLA Western Waters Digital Library	7/1/2007	6/30/2009	2	\$20,718
<i>Office of Research and Creative Activities</i>							
Garrett, Sandra		Lost Paws	Pre-Vet Preceptorship	3/26/2007	3/25/2008	4	\$600
Garrett, Sandra		Lost Paws	Veterinary Preceptorship	1/1/2007	12/31/2008	4	\$800
Garrett, Sandy		Lost Paws	Pre-Vet Preceptorship	09-11-06	09-10-09	4	\$600
Garrett, Sandy		Lost Paws	Pre-Vet Preceptorship	1/1/2007	12/31/2008	4	\$600
Garrett, Sandra		Lost Paws	Pre Vet Preceptorship	9/11/2006	9/10/2009	4	\$500

Type: 1=Federal; 2=Federal Subcontract; 3=State; 4=Private

Department Totals

Academic Internship	\$0
Admissions & Records	\$0
Associate Academic Vice President	\$0
Center for Instructional Design	\$0
Church Educational System	\$0
Faculty Center	\$0
General Education & Honors	\$0
Harold B. Lee Library	\$20,718
Information Technology Services	\$0
Neal A. Maxwell Institute for Religious Scholarship	\$0
Office of Research and Creative Activities	\$3,100
Jacobsen Center	\$0
Media Services	\$0
Technology Transfer	\$0
University Accessibility Center	\$0
University Computing Services	\$0
College Total:	\$328,500

Non-College Units

Source Breakdown of Grants and Contracts

<u>Sponsor</u>	<u>Number Awarded</u>	<u>Total Amount</u>
Federal		
None		
<i>Total</i>	<hr/>	
Subcontracts		
Colorado State (NEH)	1	\$20,718
<i>Total</i>	<hr/>	
State		
None		
<i>Total</i>	<hr/>	
Private		
Lost Paws	5	\$3,100
<i>Total</i>	5	\$3,100



Administrative Support of Compliance Committees & Regulations

Compliance and Certification

There are a number of federal, state, and university regulations which are intended to ensure the safety and well being of those associated with research and creative activities at academic institutions.¹ The Office of Research and Creative Activities specifically supports three university committees and provides other certifications as needed. The following pages contain a record of official actions taken by these committees during the January 2006 through December 2006 time period. In addition to those official actions, the committee—their individual chairs and members—and the staff of ORCA actively reviewed facilities, developed and updated policy, and education the university research community on pertinent issues. The following is a brief description of each committee. Their 2006 membership and activities are on subsequent pages.

The Institutional Review Board (IRB) determines that risks to human subjects involved in research are “minimized by appropriate safeguards; that risks are reasonable in relation to anticipated benefits; informed consent is sought from subjects and documented; and that selection of subjects is equitable and guided by consideration for appropriate safeguards for any subjects likely to be vulnerable to undue influences” (Federal Regulations).

At BYU, all research (funded or unfunded) must meet the guidelines and be appropriately reviewed and approved. Since regulations encompass everything from interviews and questionnaires to medical practices, faculty and students should work closely with this committee.

The Institutional Animal Care and Use Committee (IACUC) is required by federal regulation and is intended to ensure appropriate housing, care, and humane treatment of animals used in research or other academic activities. It formally approves the maintenance of all such animals for research projects and also reviews any use of laboratory animals on campus. ORCA supports this committee and maintains the university’s “Assurance” status with federal agencies. The “Assurance” document is actually a way of accrediting BYU to maintain and work with laboratory animals.

The Institutional BioSafety Committee (IBC) supervises the use of recombinant DNA and other biological safety and hazard issues at BYU. Such use might involve constructing and handling DNA molecules in organisms. The Institutional BioSafety Committee must review all proposed experiments and approve such in advance of actual work. As with the other committees listed above, IBC has jurisdiction over any recombinant DNA experiments on campus—be they a part of funded or unfunded research or part of instructional activities.

¹ Appendix 2 contains a list illustrating the number and kind of regulations with which we must comply.

The Institutional Animal Care & Use Committee (IACUC)

The IACUC is a required university committee that oversees animal care and use, whether in research or instructional programs. This committee is composed of the following individuals:

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| <ul style="list-style-type: none"> ██████████ ██████████ ██████████ ██████████ ██████████ ██████████ ██████████ ██████████ ██████████ ██████████ ██████████ ██████████ ██████████ | <ul style="list-style-type: none"> ██████████ ██████████ ██████████ ██████████ ██████████ ██████████ ██████████ ██████████ ██████████ ██████████ ██████████ ██████████ |
|--|--|

The actions of the IACUC committee for 2007 are summarized by the following table.

IACUC Protocol Activity 2007

College	New Approvals	Continuing	Pending
<ul style="list-style-type: none"> ██████████ ██████████ ██████████ ██████████ ██████████ ██████████ 	<ul style="list-style-type: none"> █ █ █ █ █ █ 	<ul style="list-style-type: none"> █ █ █ █ █ █ 	<ul style="list-style-type: none"> █ █ █ █ █ █
<ul style="list-style-type: none"> ██████████ 	<ul style="list-style-type: none"> █ 	<ul style="list-style-type: none"> █ 	<ul style="list-style-type: none"> █

The Institutional BioSafety Committee (IBC)

The BioSafety Committee supervises the use of recombinant DNA and other biological safety and hazard issues within the university to insure that the federal guidelines pertaining to this activity are satisfied. The committee is also responsible for the supervision of all infectious materials used on campus in order to insure that local, state, and federal rules and regulations are understood and observed. This committee is composed of the following individuals:

[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]

There were two new projects reviewed by the BioSafety Committee during the 2007 year.



Faculty Recognition

Faculty Recognition

Each year the Office of Research and Creative Activities honors one or more faculty who have furthered the progress of research at BYU. Their accomplishments may be in development of their own sponsored research projects or in service to others in support of research.

The Technology Transfer Office also selects one or more individuals who have contributed to the process of transferring research results to societal uses. Both awards are presented at the annual Sponsored Research Luncheon.

The list below includes the most recent winners as well as the winners of the past three years. This group of past winners works with ORCA in selecting those to be recognized the next year.

ORCA

<i>Year</i>	<i>Recipient</i>
2007	William Pitt
2006	Brent L. Adams Paul Thomas
2005	Joel C. Janetski
2004	David G. Long

Intellectual Properties

<i>Year</i>	<i>Recipient</i>
2007	Scott Sommerfeldt Thomas Holman
2006	Randal Beard Timothy McLain
2005	Paul B. Savage
2004	Tracy Nelson Carl Sorensen

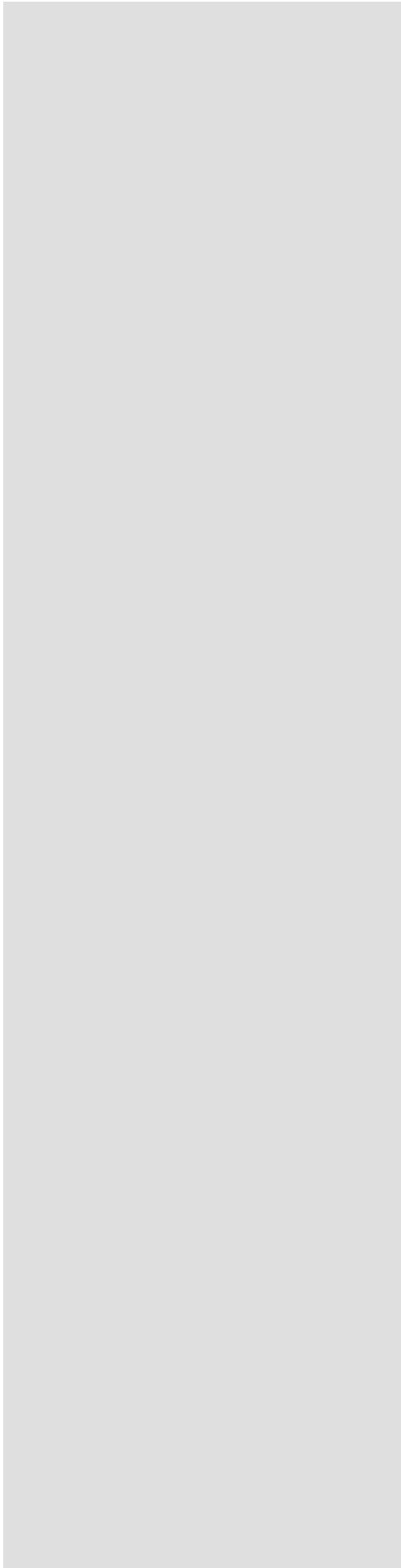
2007 Mentoring Environment Grant Recipients

The grant proposals are first reviewed at the department and college levels. Following those reviews, a group of faculty representing various disciplines across campus gives a final review where they compare protocols to each other based on how well they incorporate the desired goals and elements of a mentored environment. The awards range in value according to the proposal and are given in January to be worked on throughout the calendar year. Final reports are received from the faculty the next year.

<u>Recipient</u>	<u>Department</u>	<u>College</u>
Rollin H. Hotchkiss	CEEN	E&T
Dean Wheeler	CHEME	E&T
David A. Penry	EC EN	E&T
Steve Schultz & Aaron Hawkins	EC EN	E&T
Anton Bowden	ME	E&T
David Fullwood	ME	E&T
Barbara Culatta	COMD	EDUC
Robert L. Gleave	CPSE	EDUC
C. Ray Graham	TED	EDUC
Eula Ewing Monroe, Nancy Wentworth, Damon Bahr	TED	EDUC
Robert Walz	COMM	FAC
Christian Smith	MUSC	FAC
Jeremy Grimshaw	MUSIC	FAC
Rodger Sorensen	TMA	FAC
Eric Gillett	VA	FAC
Mark A. Graham	VA	FAC
Ryan Woodward	VA	FAC
Valerie M. Hudson, Chad Emmett, Bonnie Ballif-Spanvill	GEOG	FHSS
Jeremy C. Pope	POLISCI	FHSS
James Dee Higley	PSYCH	FHSS
Mikle South	PSYCH	FHSS
Bert Burraston	SOC	FHSS
Vaughn R.A. Call	SOC	FHSS
Michael Gee	HBLL	HBLL
David Day	HBLL	HBLL
Rosemary Thackeray	HSCI	HHP
Brian J. Hill	RMYL	HHP
Matthew Jackson	ENG	HUM

Michelle S. James	G&SL	HUM
Deryle Lonsdale	LING	HUM
D. Gordon Smith	LAW	Law
W. Cole Durham, Jr.	LAW	Law
Shawn M. Clark	BEAN	LSCI
C. Riley Nelson	BIO	LSCI
Jack W. Sites, Jr.	BIO	LSCI
Jeff Edwards	BIO	LSCI
Keith Crandall	BIO	LSCI
Leigh A. Johnson	BIO	LSCI
Mark C. Belk	BIO	LSCI
Michael Whiting	BIO	LSCI
Brent L. Nielsen	M&MB	LSCI
Byron Adams	M&MB	LSCI
Chin-Yo Lin	M&MB	LSCI
David Erickson	M&MB	LSCI
Eric Wilson	M&MB	LSCI
Joel S Griffitts	M&MB	LSCI
Laura C. Bridgewater	M&MB	LSCI
Richard A. Robison	M&MB	LSCI
Sandra Burnett	M&MB	LSCI
William R. McCleary	M&MB	LSCI
Robert Davidson	ND&FS	LSCI
Rickelle Richards	NDFS	LSCI
Allan M. Judd	P&DB	LSCI
David Busath	P&DB	LSCI
Dixon J. Woodbury	P&DB	LSCI
Edwin Lephart	P&DB	LSCI
James Porter	P&DB	LSCI
Jeffery R. Barrow	P&DB	LSCI
John Bell	P&DB	LSCI
Marc D Hansen	P&DB	LSCI
Sterling Sudweeks	P&DB	LSCI
Bryan G. Hopkins	P&WS	LSCI
Craig E Coleman	P&WS	LSCI
Joshua A. Udall	P&WS	LSCI
Mikel R. Stevens	P&WS	LSCI
Peter J. Maughan	P&WS	LSCI
Richard E. Terry	P&WS	LSCI
Sam St.Clair	P&WS	LSCI
Steven L. Petersen	P&WS	LSCI
Thomas S. Smith	P&WS	LSCI
John Bingham	OL&S	MSM
Ana Birkhead	NURS	NURS
Erin Maughan	NURS	NURS
Glenda Christiaens	NURS	NURS
James E. Kohl	NURS	NURS
Jane H. Lassetter	NURS	NURS
Kent D. Blad	NURS	NURS
Rae Jeanne Memmott	NURS	NURS

Ronald S. Ulberg	NURS	NURS
Sondra Heaston	NURS	NURS
Vickie Van Johnsen	NURS	NURS
Gregory F. Burton	CHMBIO	PMS
Roger Harrison, John Lamb, David Dearden	CHMBIO	PMS
Steven L. Castle	CHMBIO	PMS
Charles Knutson	CS	PMS
Eric Mercer	CS	PMS
Eric Ringger, Kevin Seppi	CS	PMS
Mark Clement	CS	PMS
Michael A Goodrich, Mark Colton, Matthew Spackman	CS, ME, PSYCH	PMS
Jani Radebaugh	GEOL	PMS
Ron Harris	GEOL	PMS
Summer Rupper	GEOL	PMS
Vianey Villamizar	MATH	PMS
John Colton	P&A	PMS
Robert Davis, Richard Vanfleet	P&A	PMS
Roger P. Minert	CH&D	REL



Student Recognition

2007 ORCA Grant Recipients

This group is selected by a process resembling the faculty pursuit of external research funding. Students prepare proposals for undergraduate research or creative projects and select faculty mentors. A group of faculty and administrators carefully evaluate all proposals and select those deemed outstanding. The \$1,800 grants are awarded in winter semester and a report on the work is due within a year. These reports are tabulated as the Brigham Young University Journal of Undergraduate Research and Creative Activities, which is published on the Internet under the ORCA homepage (<http://orca.byu.edu>).

<u>Department</u>	<u>Student</u>	<u>Faculty Mentor</u>
Aerospace Studies (Air Force ROTC)	Boyce, Nathan	Chris Mattson
Ancient Scripture	Harmon, Jonathan	Eric Huntsman
Ancient Scripture	Kohrman, Seth	Thomas Wayment
Ancient Scripture	Nielsen, David	Thomas Wayment
Ancient Scripture	Simmons, Dustin	Eric Huntsman
Anthropology	Bingham, Jamie	Paul Stavast
Anthropology	McShane, Megan	Jaime Lynn Bartlett
Anthropology	Messick, Tammy	Paul Stavast
Anthropology	Mooney, Adrien	Glenna Nielsen-Grimm
Anthropology	Stoner, Julie	Paul Stavast
Anthropology	Kartchner, Heidi	Julie Hartley
Anthropology	Williams, Charlotte	Julie Hartley
Anthropology	Wilkinson, Ashley	David Johnson
Asian & Near Eastern Languages	Evensen, Daniel	David Honey
Asian & Near Eastern Languages	Larsen, Sterling	Dana Bourgerie
Biology	Adair, Timothy	Keith Crandall
Biology	Alvarez, Jimena	Jeffery Maughan
Biology	Anderson, Malia	Kim O'Neill
Biology	Ascione, Marc	Marc Hansen
Biology	Bankhead, Elizabeth	Riley Nelson
Biology	Beckstead, Tom	Jack W. Sites Jr.
Biology	Bennion, Douglas	Jeff G. Edwards
Biology	Brereton, Daniel	Marc Hansen
Biology	Brulotte, Benjamin	Mikel Stevens
Biology	Burgess, Amy	Dennis Shiozawa
Biology	Busby, Lisa	Leigh Johnson
Biology	Danowski, Dustin	David Busath
Biology	Distelhorst, Kathryn	Eric Wilson
Biology	Erickson, Jacob	Joel Griffiths
Biology	Fordham, Aaron	Dennis Shiozawa
Biology	Fowler, Brent	Marc Hansen
Biology	Gibbons, Elizabeth	John Bell

Biology	Groves, Benjamin	Jerald B Johnson
Biology	Guzman, Brooke	Beverly Roeder
Biology	Hassell, Elizabeth	Mark C. Belk
Biology	Hunt, Travis	Brent Nielsen
Biology	Jenkins, Tim	James Porter
Biology	Jensen, Tyron	Jeffrey Edwards
Biology	Lee, Alan	Kim O'Neill
Biology	Lindblad, Stephanie	Beverly Roeder
Biology	Martinez, Amanda	Byron Adams
Biology	Nye, Christopher	Jeff Maughan
Biology	Petty, Bradley	Eric Jellen
Biology	Rees, Christopher	Dixon Woodbury
Biology	Rice, Chris	William McCleary
Biology	Schoonmaker, Nicole	Jerry Johnson
Biology	Schott, Eric	Jerry Johnson
Biology	Sheffield, Nathan	Michael Whiting
Biology	Staples, Jeff	Keith Crandall
Biology	Stott, Brian	John Bell
Biology	Tanner, Keith	Dennis Shiozawa
Biology	Tran, Tu	Mark C. Belk
Biology	Valentine, Mark	Keith Crandall
Biology	Walker, Sarah	C.R. Nelson
Biology	La Monica, Nathan	Dixon Woodbury
Biology	Anderson, Eva	Beverly Roeder
Biology	Carlyon, Rebecca	Joel Griffiths
Biology	Gordon, Jacob	Richard A. Robison
Biology	Nielsen, Jared	Byron Adams
Biology	Forbes, Brandon	Dixon Woodbury
Biology	Wilkinson, Brandon	James Porter
Biology	Johnson, Timothy	Richard Terry
Biology	Seamons, Ryan	Keith A. Crandall
Business Management	Lefrandt, Curtis	Aaron Miller
Business Management	Nguyen, Thanh	Kristie Seawright
Business Management	Matthews, Daniel	Barrett Slade
Business Management	Wright, Ian	Keith P. Vorkink
Business Management	Holloway, Jonathan	Jim Brau
Chemical Engineering	Haines, Emilee	Thomas Knotts
Chemical Engineering	Dickinson, David	William Pitt
Chemical Engineering	Geddes, Jared	Randy Lewis
Chemistry & Biochemistry	Moulton, Josiah	Matthew R Linford
Chemistry & Biochemistry	Ribeira, Ryan	Jennifer Nielson
Chemistry & Biochemistry	Swainhart, Samuel	Steven Wood
Chemistry & Biochemistry	Busby, Devin	Paul B. Farnsworth

Chemistry & Biochemistry	Cline, Taylor	Steven Goates
Chemistry & Biochemistry	Harbertson, Bryce	Heidi R. Vollmer-Snarr
Chemistry & Biochemistry	Miller, Ivan	Daniel Austin
Chemistry & Biochemistry	Nielsen, Laura	Steven L. Castle
Chemistry & Biochemistry	Healey, David	Allen R. Buskirk
Chemistry & Biochemistry	Cariello, Daniel	Allen Buskirk
Chemistry & Biochemistry	Mayhew, Maurine	Eric Sevy
Church History & Doctrine	Moody, Jacob	Jeff Chadwick
Civil & Environmental Engineering	Dixon, Paul	W. Spencer Guthrie
Civil & Environmental Engineering	Law, Seth	Grant Schultz
Civil & Environmental Engineering	Thompson, Wendy	Brett Borup
Civil & Environmental Engineering	Macfarlane, Gregory	Grant Schultz
Civil & Environmental Engineering	Winkelman, Josiah	Spencer Guthrie
Civil & Environmental Engineering	Tanner, Erica	W. Spencer Guthrie
Communications	Miller, Matthew	Douglas McKinlay
Communications	Walters, Austin	Allen Palmer
Communications	Bylund, Emily	Steven Thomsen
Communications	Dunlap, Sebastian	Edward Carter
Communications	Magleby, Marie	Edward L. Carter
Communications Disorders	Cobabe, Melanie	Martin Fujiki
Computer Science	Clement, Mark	Sean Warnick
Computer Science	Fairbank, Keith	Stephen Bay
Computer Science	Skinner, Mark	Sean Warnick
Computer Science	Marett, Candice	Sean Warnick
Counseling, Psych. & Special Education	Foster, Rachel	Heidi Abraham
Counseling, Psych. & Special Education	Villamizar, Marvi	Betty Y Ashbaker
Education Leadership & Foundations	Fowler, Chantelle	Stefinee Pinnegar
Education Leadership & Foundations	Thackeray, Elizabeth	Stefinee Pinnegar
Education Leadership & Foundations	Hite, David	Steven J. Hite
Electrical & Computer Engineering	Carron, Christopher	Aaron R Hawkins
Electrical & Computer Engineering	Geiger, David	Joseph P. Price
Electrical & Computer Engineering	Green, Kristen	Joseph P. Price
Electrical & Computer Engineering	Larsen, Tim	Joseph Price
Electrical & Computer Engineering	Hutchins, John	Kerk Layne Phillips
Electrical & Computer Engineering	Beaty, Ian	Randy Beard
English	Campbell, Daniel	Brandie Siegfried
English	Davis, Amanda	Trent Hickman
English	Roper, Amy	Patrick Madden
English	Bascom, Benjamin	Matthew Wickman
English	Shumway, Lauren	Matthew Wickman
English	Velardi, Emily	William Eggington
English	Brown, Kaila	Keith Johnson
English	Eash, Candy	Gideon Burton

English	Lorimer, Riley	Kimberly Johnson
English	Lugo, Silia	Wendy Baker
Exercise Science	Ragsdale, Lee	Gary Mack
Exercise Science	Voss, Rachel	Rick Jorgensen
Exercise Science	Doshier, Kathryn	Wayne Johnson
French & Italian	McDonald, Heather	Ty Hopkins
Geography	Weeks, Samuel	Anca Sprenger
Geography	Farnes, Derek	Ryan Jensen
Geology	Hulet, Lindsey	Chad Emmett
Geology	Thomas, Nathan	Stephen Nelson
German & Slavic Languages	Major, Jonathan	Ron Harris
German & Slavic Languages	Colasante, Talya	Laura Catharine Smith
German & Slavic Languages	Hudson, Emily	Cindy Brewer
German & Slavic Languages	Jensen, Lisa	Brewer, Cindy
German & Slavic Languages	McKnight, Rebekah	Professor Cindy Brewer
German & Slavic Languages	Ricks, Jonathan	Laura Catharine Smith
German & Slavic Languages	White, Britt	Laura Catharine Smith
German & Slavic Languages	Aten, Hillary	Laura Catharine Smith
German & Slavic Languages	Hayes, Bess	Rob McFarland
German & Slavic Languages	Whipple, Dane	Cindy Brewer
German & Slavic Languages	Dittli, Ruth	Cindy Brewer
German & Slavic Languages	Stegelmeier, Derek	Laura Catharine Smith
German & Slavic Languages	Bastian, Bruce	Robert McFarland
German & Slavic Languages	Bartova, Iva	Michelle James
German & Slavic Languages	Jacobs, Daniel	Rob McFarland
German & Slavic Languages	Huntington, Bethany	Tony Brown
German & Slavic Languages	Malyon, Jaron	David Hart
German & Slavic Languages	Veselova, Alena	Brown, Anthony
Harold B. Lee Library	Snow, Bentley	Mark Grover
Health Science	Bishop, Nicholas	Roger Dixon
Health Science	Brewster, Aaron	Randy Page
Health Science	Fleming, Scott	Gordon Lindsay
Health Science	McKeown, Connor	Randy Page
Health Science	Castleton, Rebecca	Gordon Lindsay
Health Science	Penafior, Cynthia	Michael Barnes
History	Bendall, Bryan	Jeffrey M. Shumway
History	Gravett, Clifford	Aaron Skableund
History	Hughes, Karen Jane	Glen Cooper
History	Judd, Laura	Paul Kerry
History	King, Farina	Jay Buckley
History	Lewis, Verlan	Brian Cannon
History	Pilgrim, Teralyn	Eric Huntsman
History	Skabelund, Andrew	Andrew Johns

History	Smith, Ardis	Amy Harris
History	Wright, Timothy	Craig Harline
History	Wood Joseph	Kendall Brown
History	Matthews, Jennifer	Rebecca de Schweinitz
Humanities	Sharp, Rosalie	Roger Macfarlane
Humanities	Draper, Dustin	Larry Peer
Humanities	Hillman, Scott	Christopher Oscarson
Humanities	Okura, Eve	Cynthia Hallen
Humanities	Berglund, Amy	Deryle Lonsdale
Humanities	Smith, Jennifer	Alan K. Melby
Humanities	Mehner, Shannon	George S Tate
Humanities	Bales, Brandon	Janis B. Nuckolls and Charles Nuckolls
Humanities	Heiner, Jae Parker	Wendy Baker
Humanities	Hutchins, Megan	Allen Christenson
Information Systems	Fryer, Craig	Richard Helps
Information Systems	Moore, Michael	Richard Helps
Information Systems	Milam, Evrhet	Stephen Liddle
Information Systems	Olsen, Reed	Conan C. Albrecht
Instructional Psychology and Technology	Peterson, David	Andy Gibbons
Linguistics	Miller, Bradley	Janis B. Nuckolls
Marriage, Family & Human Development	Abernathy, Katie	Jeremy Yorgason
Marriage, Family & Human Development	Jensen, Alexander	Jason Carroll
Mathematics	Duke, Jared	Matthew Anderson
Mechanical Engineering	Cragun, Matthew	Robert Todd
Mechanical Engineering	Greenland, Kasey	Mark Colton
Mechanical Engineering	Huber, Alyssa	Brian Jensen
Mechanical Engineering	Gollnick, Paul	Scott L. Thomson
Mechanical Engineering	Harston, Stephen	Christopher A. Mattson
Mechanical Engineering	Landon, Colin	Brent Adams
Mechanical Engineering	Shore, "Spencer	Anton Bowden
Mechanical Engineering	Rose, Michael	C. Greg Jensen
Mechanical Engineering	Brandt, Adam	Mark Colton
Microbiology & Molecular Biology	Nielsen, Elizabeth	Eric Wilson
Microbiology & Molecular Biology	Brown, Robert	Sandra Burnett
Microbiology & Molecular Biology	Davis, Evan	Laura C. Bridgewater
Microbiology & Molecular Biology	Holden, Devin	Laura Bridgewater
Microbiology & Molecular Biology	Jensen, Kendal	Kim O'Neill
Microbiology & Molecular Biology	Johnson, Kody	David Erickson
Microbiology & Molecular Biology	Kitz, Robert	Sandra Burnett
Microbiology & Molecular Biology	Linderman, Susanne	Eric Wilson
Microbiology & Molecular Biology	Perry, Alina	Laura C. Bridgewater
Microbiology & Molecular Biology	Prince, Eldon	Richard Robison

Microbiology & Molecular Biology	Baldwin, Michael	Laura Bridgewater
Neuroscience	Ekstrom, Benjamin	David Busath
Nursing	Allsop, Charlotte	Barbara Heise
Nursing	Catchpole, Laura	Erin Maughan
Nursing	Clark, Jenie	Glenda Christiaens
Nursing	Duncan, Katrina	Patricia Ravert
Nursing	Fisher, Laura	Patricia Rushton
Nursing	Furner, Janel	Barbara Mandleco
Nursing	Homolka, Nathalia	Barbara Heise
Nursing	MacArthur, Heather	Lynn Callister
Nursing	Marsh, Ann	Erin Maughan
Nursing	McDaniel, Jessica	Troy W. Carlton
Nursing	Newson, Elizabeth	Jane Lassetter
Nursing	Oliveira, Tania	Catherine Coverston
Nursing	Olsen, Janae	Glenda Christaens
Nursing	Perry, Cassandra	Barbara Mendleco
Nursing	Smith, Lisa	Barbara Mandleco
Nursing	Stromberg, Amanda	Jane Lassetter
Nursing	Thomas, Tawny	Lynn C. Callister
Nursing	Thornock, Kalie	Barbara Mandleco
Nursing	Toronto, Eliza	Erin Maughan
Nursing	West, Melody	Lynn Callister
Nursing	Wilde, Angelina	Debra Mills
Nursing	Yamamoto, Natalie	Jane Lassetter
Nutrition, Dietetic & Food Science	Markel, Nathan	N. P. Johnston
Nutrition, Dietetic & Food Science	Reeves, Eric	Merrill J. Christensen
Nutrition, Dietetic & Food Science	Rucker, Drew	Robert Davidson
Nutrition, Dietetic & Food Science	Snow, Dallin	Merrill J. Christensen
Nutrition, Dietetic & Food Science	Vega, Aaron	Robert Davidson
Nutrition, Dietetic & Food Science	Tandberg, Daniel	Merrill J. Christensen
Organizational Leadership-Strategy	Call, Tristan	Warner Woodworth
Organizational Leadership-Strategy	Darsow, Eric	Warner Woodworth
Organizational Leadership-Strategy	Leishman, Levi	David T Fullwood
Organizational Leadership-Strategy	Nelson, Matthew	Wm Gerard Sanders
Organizational Leadership-Strategy	DeGraff, Jonathan	John B. Bingham
Organizational Leadership-Strategy	Williams, Morgan	David Bryce
Philosophy	Hunter, Jason	David Paulsen
Philosophy	Pennock, Michael	David L. Paulsen
Philosophy	Pulido, Martin	David Paulsen
Philosophy	Barron, Daniel	David Paulsen
Physics & Astronomy	Giraud, Kellen	Grant Hart
Physics & Astronomy	Verhaaren, Christopher	Eric Hirschmann
Physics & Astronomy	Lee, Sheng	Scott D. Bergeson

Physics & Astronomy	Campbell, Jacob	David Neilsen
Physics & Astronomy	Dawson, Colby	Bryan Peterson
Physics & Astronomy	Doughty, William	R. Steven Turley
Physiology and Developmental Biology	Clough, Lauren	Jeffery Barrow
Plant & Wildlife Sciences	Beckett, Travis	Bryan Hopkins
Plant & Wildlife Sciences	Cook, Daniel	Bruce Webb
Plant & Wildlife Sciences	Christensen, Ryan	Bryan G. Hopkins
Plant & Wildlife Sciences	Nichols, Brandt	Von D. Jolley
Plant & Wildlife Sciences	Price, David	Mikel R Stevens
Plant & Wildlife Sciences	Merrill, Keith	Craig Coleman
Political Science	Christensen, Jonathan	Daniel Nielson
Political Science	Evans, Laurie	Sven Wilson
Political Science	Nielsen, Rebecca	Valerie Hudson
Political Science	Westover, Tara	Matt Holland
Political Science	Gebhard, Nathaniel	Dan Nielson
Political Science	Kitterman, Katherine	Dan Nielson
Psychology	Miller, Chris	Dawson Hedges
Psychology	Thomas, Stuart	Scott Steffensen
Psychology	Handley, Kevin	Niwako Yamawaki
Psychology	Watkins, Daniel	Hal Miller
Psychology	Hansen, David Micah	Scott Steffensen
Psychology	Taylor, Seth	Scott Steffensen
Psychology	Walton, Christine	Scott Steffensen
Psychology	Sasser, Tyler	Jared Warren
Psychology	Downs, Samuel	Niwako Yamawaki
School of Accountancy	Jenson, Robert	Ted Christensen
School of Accountancy	Olsen, Kari	Monte Swain
School of Music	Hurt, Amy	Jeremy Grimshaw
School of Music	Sowa, Joseph	Michael Hicks
School of Music	Weaver, Lindsay	David A. Day
School of Music	Wells, Paul	Claudine Bigelow
School of Music	Heintz, Daniel	David Day
School of Music	Smith, Curtis	Lawrence Green
School of Music	Grady, Dustin	Will Kimball
School of Music	Stoneman, Maxwell	Michael Hicks
School of Music	Perez, Fidel	David Day
School of Music	Taylor, Benjamin	David Brown
Sociology	Clawson, Shannon	Ralph Brown
Sociology	Dailey, Rachel	Cardell Jacobson
Sociology	Flake, Collin	Renata Forste
Sociology	Trone, Erica	Charlie Morgan
Sociology	Walther, Miriam	Mikaela Dufur
Sociology	Thomas Savage, Sarah	Vaughn Call

Sociology	Miller, Martha	Carol Ward
Sociology	McKnight, Karen	Mikaela Dufur
Statistics	Leininger, Thomas	Shane Reese
Statistics	Williams, Basil	William Christensen
Statistics	Rogerson, Colin	Evan Johnson
Theatre & Media Arts	Aaron, Steven	Jeff Parkin
Theatre & Media Arts	Chen, Enge	Thomas Russell
Theatre & Media Arts	Hall, Timothy	Jeff Parkin
Theatre & Media Arts	Huber, Chloe	Steven Enfield
Theatre & Media Arts	Jensen, J. Christian	Dean Duncan
Theatre & Media Arts	McNair, Brian	Kelly Loosli
Theatre & Media Arts	Stentzel, Nicholas	Jeff Parkin
Visual Arts	Sandgren, Melanie	Robert Marshall
Visual Arts	Lesser, Stacy	Richard Hull
Visual Arts	Barney, Vanessa	Cynthia Finlayson
Visual Arts	Christensen, Michelle	Richard Hull
Visual Arts	Harris, Jennifer	Cynthia Finlayson
Visual Arts	Knapp, Jason	Ryan Woodward
Visual Arts	Kruszynski, Emily	Sharon Gray
Visual Arts	Saunders, Kelli	Paul Adams
Visual Arts	Taylor, Zack	Dan Barney
Visual Arts	Trueblood, Houston	Robert Barrett
Visual Arts	Weinberg, Mark	Paul Adams
Visual Arts	Stark, Greg "Jacob"	Ryan Woodward
	Lewis, Ann	Wendy Baker
	Price, Emma	



Appendix 1

The Office of Research & Creative Activities

Purpose. The office exists to support students, staff, faculty, and the BYU administration in their efforts to encourage and support research, creative activities, and other expressions of academic scholarship.

Functional Organization. The office is organized to provide service to organized research and creative activities and to provide supportive leadership to such policy matters as appropriate. The office is under the direction of the Associate Academic Vice President for Research and Graduate Studies. The staff consists of a Directory, an Associate Director, a Research Administrator, and office staff.

The office has a close relationship with the Technology Transfer Office and the Creative Works Office for coordination of certain pre-award contacts, with the Accounting Office for post-award grant and contract accounting, and with the Faculty Personnel Office for payment of research compensation.

Personnel.

Title	Personnel
Director:	Gary R. Reynolds
Associate Director:	Melvin J. Carr
Research Administrator:	Nancy A. Davis
Research Administrator:	Sandee Munoz
Office Manager/Secretary:	Susan Escalante
Part-time Secretaries:	Kari Tandberg, Leilani Fisher, Audra Nichols, Dave Johnson

Office Functions.

- 1) Policy Review and Development
 - ◆ Monitor research accounts in conjunction with Financial Services to assure compliance with contract requirements, government regulations, and BYU policy.
 - ◆ Review and update BYU policies relative to research.
- 2) Opportunity and Expertise Matching
 - ◆ Represent the university's research program to other research organizations, funding agencies, and other universities.
 - ◆ Match-making (requests for proposals and faculty).
 - ◆ Monitor requests for proposals and deadlines.

- ◆ Disseminate information on funding opportunities to faculty.
 - ◆ Maintain up-to-date reference files of funding sources, agency directories, and BYU faculty research.
 - ◆ Distribute a monthly newsletter containing funding opportunities and other information to faculty members on campus.
- 3) Proposal Preparation and Submission
- ◆ Coordinate the preparation of large, inter-collegiate, and inter-institutional research proposals.
 - ◆ Assist with proposal budgets and processing for signatures.
 - ◆ Assist in developing process/software for budgets and forms.
 - ◆ Copy, mail, log, and file proposals.
- 4) Negotiating and Interacting with Sponsors
- ◆ Negotiate and manage grants and contracts.
 - ◆ Interface with sponsoring agencies to maintain awareness of research funding trends.
 - ◆ Represent the university's research programs to other research organizations, funding agencies, and other universities.
- 5) Compliance with Federal and Other Requirements
- ◆ Monitor government regulations pertaining to federal grants and contracts.
 - ◆ Work with the Inventory Office to manage government property to assure compliance with federal regulations.
 - ◆ Assure compliance with reporting requirements and manage closeout documentation.
 - ◆ Oversee three compliance committees and assist them through secretarial support for meetings, correspondence, and proposal approval.
- 6) Negotiating and Interfacing with Subcontractors and Independent Contractors/Consultants
- ◆ Negotiate terms of agreement or subcontract.
 - ◆ Monitor agency regulations and BYU policy and procedures for stipulations concerning subcontracts and/or independent consultants/contractors.
 - ◆ Prepare contracts, amendments, payment documents, and initiate processing through the university.
 - ◆ Administer contractual terms between prime contractor (BYU) and subcontractors and or/consultants.
 - ◆ Approve payment of invoices from subcontractors and consultants.
 - ◆ Educate principal investigators.
- 7) Project and Account Management (Post-Award)
- ◆ Control assignment of account numbers and coordinate activation with Financial Services.
 - ◆ Certify expenditure documents on research accounts.
 - ◆ Monitor research accounts in conjunction with Financial Services to assure compliance with contract requirements, government regulations, and BYU policy.
 - ◆ Manage government property to assure compliance with federal regulations.
 - ◆ Assist Financial Services with audits of project accounts.
 - ◆ Assure compliance with reporting requirements and manage closeout documents.
 - ◆ Act as a liaison between researchers, other university offices, and sponsors to facilitate and administrate management of projects.
 - ◆ Administer the activities of the office dealing with the management of research contracts.
 - ◆ Prepare paperwork and correspond with faculty to request payment of salaries and supplemental research compensation of research accounts.
- 8) Financial Management
- ◆ Establish research accounts.

- ◆ Document cost sharing.
 - ◆ Process cost transfers.
 - ◆ Document and report time and effort.
 - ◆ Compile and publish monthly and yearly financial reports.
 - ◆ Invoice and manage funds from sponsors.
 - ◆ Monitor university compliance with appropriate federal and state regulations.
 - ◆ Assist with completion of annual audits.
 - ◆ Compile, maintain, and distribute reports on waived indirect costs.
- 9) Student Mentoring Program
- ◆ Host Annual Sponsored Research Achievement Luncheon and present Sponsored Research Achievement Award.
 - ◆ Conduct Undergraduate Research and Creative Activities Scholarship competition.
 - ◆ Conduct Environments for Mentoring Grants competition.
 - ◆ Build library database of mentored environments from across campus.
 - ◆ Represent the university in national, regional, and state research organizations.
 - ◆ Administer recognition awards.
 - ◆ Assist in coordinating graduate fellowships.
- 10) Policy Review and Development
- ◆ Develop policies and procedures to foster research.
 - ◆ Publish policy brochures for dissemination to campus community.
 - ◆ Update BYU policies relevant to research and creative activities in the electronic handbook.
- 11) University Negotiations/Trouble Shooting
- ◆ Participate in DHHS indirect costs justification.
 - ◆ Review/respond to internal and external audits.
 - ◆ Direct negotiations with sponsors/federal agencies on problems such as termination or nonpayment of invoices.
- 12) Management of Undergraduate Research and Creative Activities Program
- ◆ Work with the honors program and existing college and departmental programs to assure students of opportunities to participate and receive recognition for their efforts.
 - ◆ Approve proposals, award fellowships, and administer scholarships.
 - ◆ Approve research employment and indirect cost recognition.
 - ◆ Attend the National Undergraduate Research Administration meetings.
 - ◆ Identify and assist existing efforts through financial incentives, recognition, and formal participation in a university-wide program.
- 13) Office Management
- ◆ Assist in budget management and accounting of office accounts.
 - ◆ Put together an annual report of university research activities.
 - ◆ Monitor and compile Full-time Equivalency reports.
 - ◆ Type and distribute a monthly Funding Activity Report (FAR).
 - ◆ Generate summer salary and supplemental research payments.
 - ◆ Assist in preparation of reports and paperwork.
 - ◆ Produce the Annual Report of Scholarly Productivity.
 - ◆ Produce the Journal of Undergraduate Research and Creative Activities on the Internet.
 - ◆ Maintain ORCA homepage (<http://orca.byu.edu>).



Appendix 2

Compliance Obligations (As Per Federal Statute or Regulation)

The following pages list those areas where formal compliance to federal statutes and regulations is required to participate in federal funding. The full list is included to illustrate the range of possible certification or other compliance. Specific grants and contracts may involve only a subset of these compliance obligations.

Regulatory Framework

- Office of Management and Budget

 - Circular No. A-21

 - Circular No. A-110

 - Circular No. A-133

- Federal Acquisition Regulations

- Defense Federal Acquisition Regulations

- The Coordinated Review Process-Executive Order 12372

- Rights to Inventions Made by Nonprofit Organizations and Small Business Firms

- Compliance Information for Specific Circumstances

 - Facilities Management

 - Historic Preservation

 - Paperwork Reduction Act

Individual Rights

- Antidiscrimination

 - Civil Rights Act of 1964—Title VI

 - Employment of the Handicapped-Rehabilitation Act of 1973

 - Americans with Disabilities Act

 - Title IX—Sex Discrimination

 - Age Discrimination

 - Equal Employment Opportunity

 - Affirmative Action for Special Disabled and Vietnam Era Veterans

 - Utilization of Women-Owned Small Business

 - Utilization of Labor Surplus Area Concerns

 - Utilization of Small and Small Disadvantaged Business Concerns

- Privacy

 - Privacy Act of 1974

 - Freedom of Information Act

 - Confidentiality of Patient Records

Protection Issues

- Environmental Protection

 - Clean Air Act and Clean Water Act

- Hazardous Materials
- Protection of Living Organisms
- Human Subjects Compliance
- Use of Animals in Research
- Marine Mammal Act
- Research Involving Recombinant DNA Molecules

Employee Directives

- Drug-free Workplace
- Drug-free Work Force
- Drug-free Schools and Campuses Act
- Lobbying
- Occupation Safety and Health
- David Bacon Act
- Walsh-Healey Public Contracts Act
- Service Contract Act
- Contract Work Hours and Safety Standards Act of 1962

Fraud, Waste, and Abuse

- Misconduct in Science
- Procurement Integrity
- Debarment and Suspension
- Covenant Against Contingent Fees
- Anti-Kickback Act of 1986
- Officials Not to Benefit

Specific Administrative Requirements

- General Requirements
 - Buy American Act
 - Fly American Act
 - Competition in Contracting
 - Export Administration Act and Arms Export Control Act
 - Insurance-Immunity from Tort Liability
 - Prompt Payment
 - Non-delinquency of Federal Debt
 - Certificate of Current Cost and Pricing Data
 - Acknowledgment of Federal Grant Support (Stevens Amendment)
- Agency Specific Requirements
 - Certificate of Technical Data Conformity
 - Certification of Accuracy of Indirect Costs
 - Student Unrest
 - NEA Clause on Obscenity