

Office of Vice President for Research
and
Information Technology

Research Proposals Submitted

and

Research Awards Received

October - December 1997

Research Proposals Submitted *and* Research Awards Received

October - December 1997

Foreword

There are several factors that can contribute to charts and totals appearing overly high or overly low. These factors include:

- ♦ Various charts and dollar figures may reflect multi-year, multi-million dollar proposals or awards.
- ♦ CIRA Admin Unit, which previously was listed in the "Other" college, merged with the Engineering College effective July 1, 1994. This merger may significantly effect reporting.
- ♦ Proposal totals represent "new proposal" submissions only. No continuation or renewal proposal submissions are included. Approximately 110 proposals are processed each month by Sponsored Programs.
- ♦ Fiscal year 1996 experienced many delays in federal funding, due to the federal government "shutdown", which lasted more than six months. Some examples of how this has affected proposal and award totals include:
 1. Uncertainties about future federal funding contributed to proposal downturn. Delayed agency budgets resulted in postponement of continuation awards.
 2. Review committees convened late, delaying new awards.
 3. Response time from agencies on all matters has been slow. Agencies, which normally fund on an annual basis, are funding semi-annually or quarterly.
 4. Some competitive renewals have been denied.

Foreword continued

Foreword continued

Various charts and dollar figures may reflect multi-year, multi-million dollar proposals or awards. The following lists those which significantly effect reporting.

PROPOSALS

<u>FY</u>	<u>QTR</u>	<u>College</u>	<u>Department</u>	<u>Sponsor</u>	<u>Years</u>	<u>\$ Amount</u>
93-94	2 nd	Natural Resources	Range Land Science	DOD	5	\$122 Million
	4 th	Veterinary Medicine & Biomedical Sciences	Environmental Health	HHS	5	\$11 Million
94-95	2 nd	Natural Resources	Forest Sciences	DOD	5	\$36 Million
	3 rd	Veterinary Medicine & Biomedical Sciences	Rad Hlth Sci	HHS	5	\$13 Million
95-96	1 st	Engineering	CIRA	DOC/NOAA	5	\$80 Million
96-97	1 st	Engineering	Mechanical Engineering	DOC	1	\$10 Million
		Veterinary Medicine & Biomedical Sciences	Environmental Health (x 2)	HHS	5	\$6 Million

AWARDS

<u>FY</u>	<u>QTR</u>	<u>College</u>	<u>Department</u>	<u>Sponsor</u>	<u>Years</u>	<u>\$ Amount</u>
94-95	1 st	Engineering	CIRA Admin Unit	DOD	4	\$4 Million
95-96	1 st	Applied Human Sciences	Social Work	CDHS	1	\$6 Million

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This report is developed by the Office of Sponsored Programs at Colorado State University.

Please forward any comments, address changes or suggestions to:

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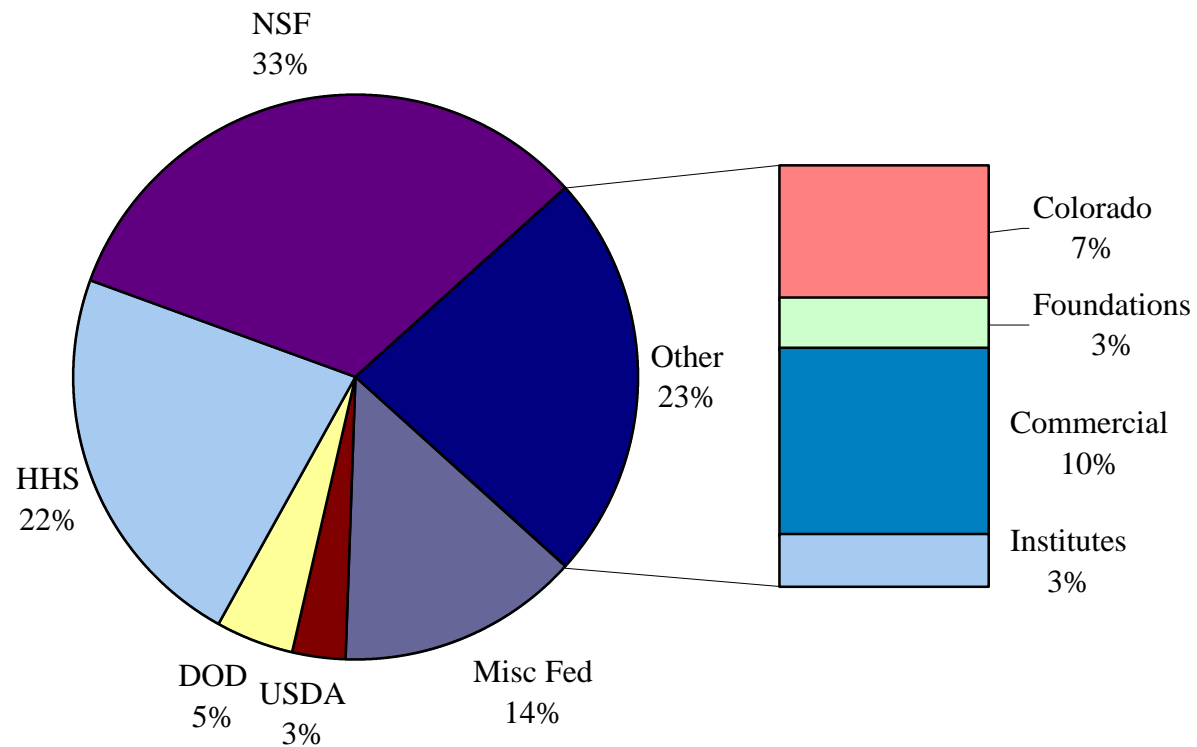
Section I

Historical Summaries

Historical and Current Quarter Proposal Summaries

Proposals by Fund Source

Quarter Ending December 1997



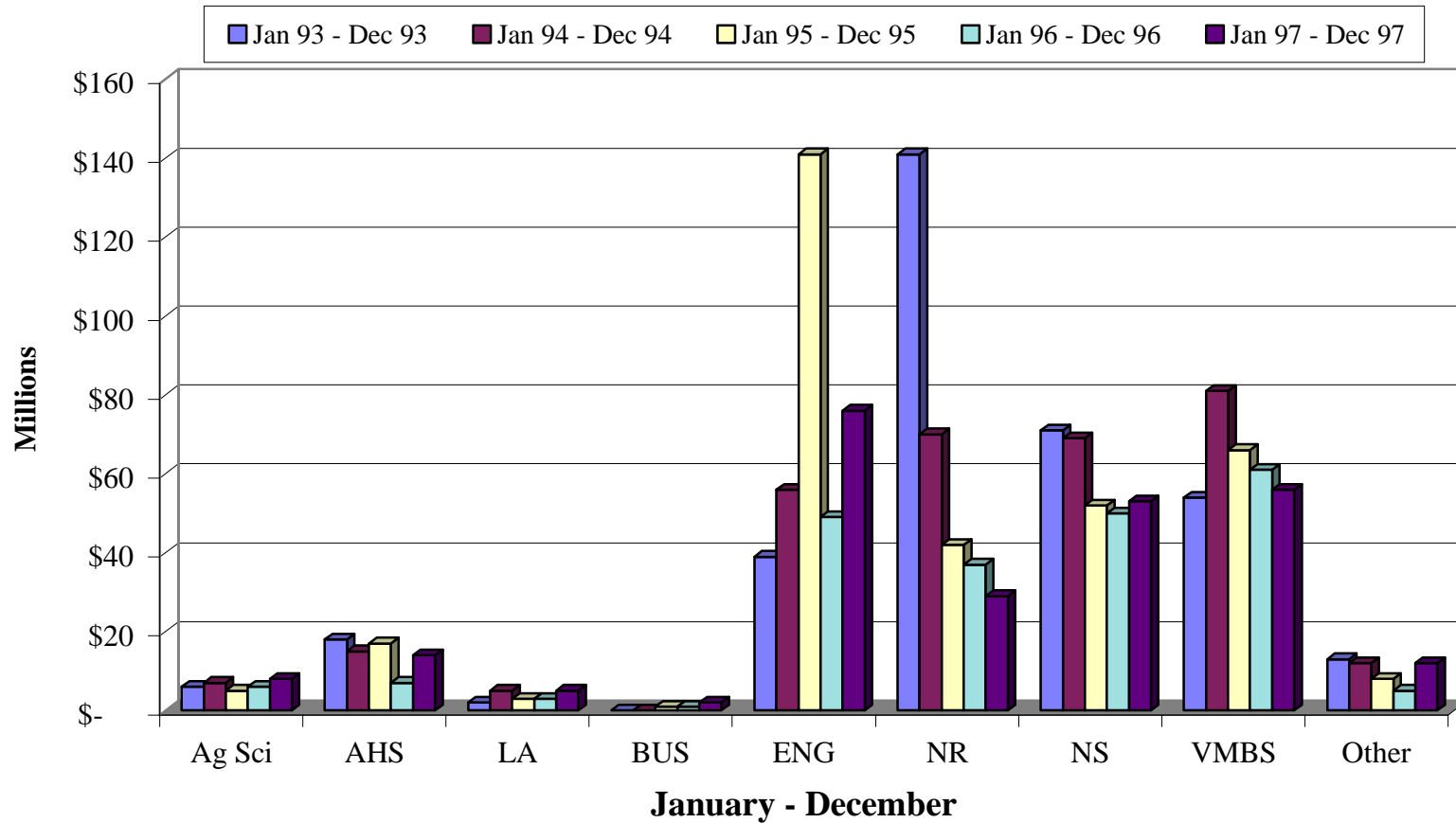
Comparison of Current Quarter Proposals to Same Quarter Previous Fiscal Years

Sponsor	#	1993-1994	#	1994-1995	#	1995-1996	#	1996-1997	#	1997-1998
Commercial and Non-Profit	41	\$ 4,946,070	46	\$ 4,110,418	53	\$ 5,683,469	40	\$ 3,887,379	41	\$ 4,376,587
Foundations	7	\$ 252,210	6	\$ 263,088	10	\$ 463,174	10	\$ 406,234	15	\$ 1,855,888
Institutes	1	\$ 96,910	0	\$ -	1	\$ 46,644	0	\$ -	2	\$ 2,509,320
State of Colorado	9	\$ 1,300,844	10	\$ 903,269	11	\$ 859,858	16	\$ 6,335,450	19	\$ 6,922,336
Subtotal of Non-Federal	58	\$ 6,596,034	62	\$ 5,276,775	75	\$ 7,053,145	66	\$ 10,629,063	77	\$ 15,664,131
USDA - Department of Agriculture	22	\$ 5,635,896	11	\$ 2,382,863	12	\$ 2,826,384	22	\$ 4,831,688	9	\$ 2,318,141
DOC - Department of Commerce	3	\$ 1,217,985	1	\$ 135,437	0	\$ -	0	\$ -	5	\$ 848,545
DOD - Department of Defense	20	\$ 126,492,772	17	\$ 39,475,155	14	\$ 7,703,157	11	\$ 3,179,940	9	\$ 2,142,966
DOE - Department of Energy	7	\$ 1,940,791	1	\$ 395,525	8	\$ 10,051,094	4	\$ 1,310,337	2	\$ 402,386
EPA - Environmental Protection Agency	8	\$ 747,651	3	\$ 318,701	3	\$ 124,625	0	\$ -	5	\$ 1,076,802
HHS - Health & Human Services	33	\$ 24,204,152	27	\$ 16,452,690	19	\$ 8,987,918	10	\$ 8,271,213	15	\$ 13,214,750
USDI - Department of the Interior	3	\$ 1,628,257	7	\$ 1,667,687	2	\$ 40,278	2	\$ 120,319	11	\$ 1,312,906
NASA - National Aeronautics & Space Administration	8	\$ 2,138,707	5	\$ 1,783,561	8	\$ 6,863,866	5	\$ 4,587,161	4	\$ 1,143,915
NSF - National Science Foundation	57	\$ 22,678,405	52	\$ 19,133,207	34	\$ 15,178,246	33	\$ 9,124,681	34	\$ 10,638,092
Miscellaneous Federal	11	\$ 1,561,583	11	\$ 2,765,191	6	\$ 2,714,417	6	\$ 4,057,635	7	\$ 4,547,730
*** TOTAL ***	230	\$ 194,842,233	197	\$ 89,786,792	181	\$ 61,543,130	159	\$ 46,112,037	178	\$ 53,310,364

Please see Foreword for detail on this dollar total.

Proposals by College

Comparison Consecutive 12 Months



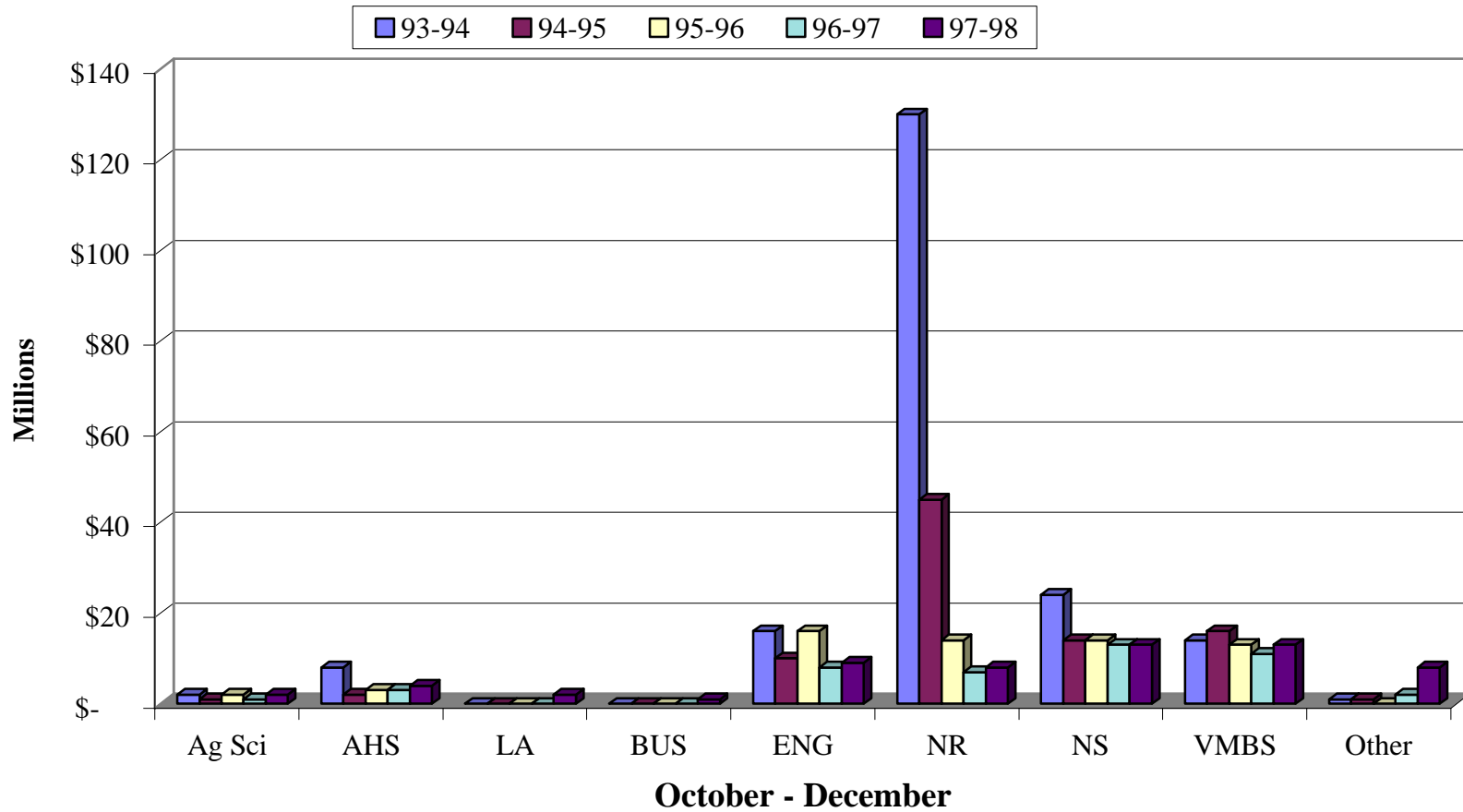
Comparison Consecutive 12 Months Proposals to Same Period Previous Years January - December

College	#	01/93 to 12/93	#	01/94 to 12/94	#	01/95 to 12/95	#	01/96 to 12/96	#	01/97 to 12/97
Ag Sci - Agricultural Sciences	43	\$ 5,600,119	60	\$ 6,694,079	42	\$ 4,550,721	42	\$ 6,094,769	49	\$ 8,231,624
AHS - Applied Human Sciences	72	\$ 18,499,026	59	\$ 14,866,290	38	\$ 17,396,237	36	\$ 7,321,797	58	\$ 13,979,277
CLA - Liberal Arts	22	\$ 1,904,703	17	\$ 5,027,082	11	\$ 2,564,563	24	\$ 3,133,928	20	\$ 5,334,979
Bus - Business	5	\$ 81,772	5	\$ 148,670	7	\$ 1,409,677	4	\$ 1,411,576	6	\$ 1,700,392
Eng - Engineering	181	\$ 38,913,212	205	\$ 56,002,608	199	\$ 141,284,058	163	\$ 49,245,373	198	\$ 75,599,265
NR - Natural Resources	98	\$ 141,379,220	104	\$ 70,039,309	144	\$ 41,694,353	121	\$ 36,969,101	114	\$ 28,500,072
NS - Natural Sciences	212	\$ 70,525,751	177	\$ 68,923,814	159	\$ 51,692,319	166	\$ 49,697,467	157	\$ 53,120,857
VMBS - Veterinary Medicine & Biomedical Sciences	145	\$ 53,648,474	189	\$ 80,613,854	164	\$ 65,757,964	188	\$ 61,361,144	173	\$ 56,320,615
Other - Other	62	\$ 12,629,445	43	\$ 11,868,146	37	\$ 7,890,849	24	\$ 5,498,930	25	\$ 11,541,940
*** TOTAL ***	840	\$ 343,181,722	859	\$ 314,183,852	801	\$ 334,240,741	768	\$ 220,734,085	800	\$ 254,329,021

[Please see Foreword for detail on this dollar total.](#)

Proposals by College for Quarter

Comparison of Proposals Submitted



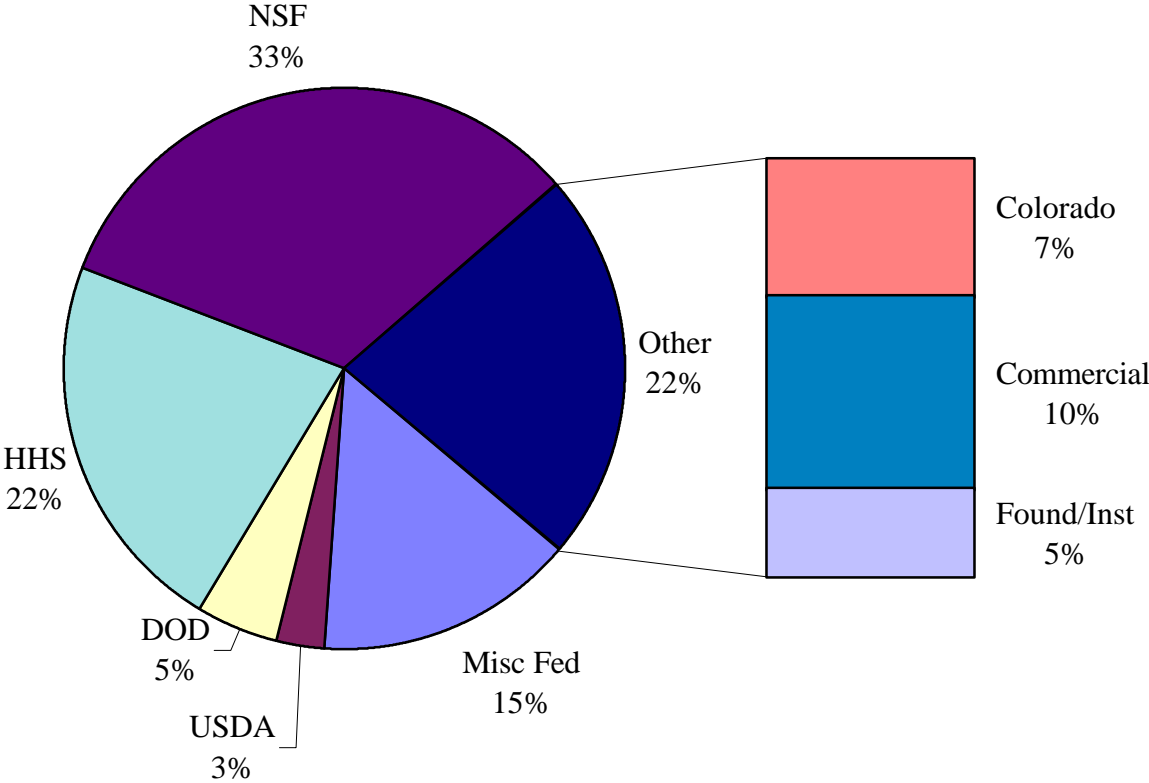
Comparison of Current Quarter Proposals to Same Quarter Previous Fiscal Years

College	#	1993-1994	#	1994-1995	#	1995-1996	#	1996-1997	#	1997-1998
Ag Sci - Agricultural Sciences	10	\$ 1,815,637	10	\$ 1,229,301	9	\$ 1,624,016	12	\$ 1,488,925	17	\$ 2,121,239
AHS - Applied Human Sciences	27	\$ 8,102,292	10	\$ 1,958,394	8	\$ 2,915,823	4	\$ 3,316,490	22	\$ 3,789,235
CLA - Liberal Arts	3	\$ 170,716	3	\$ 302,579	3	\$ 15,316	3	\$ 317,780	5	\$ 2,097,423
Bus - Business	0	\$ -	1	\$ 40,000	2	\$ 347,797	1	\$ 862,751	1	\$ 1,150,792
Eng - Engineering	50	\$ 16,021,581	50	\$ 10,172,162	48	\$ 15,971,035	23	\$ 7,802,946	35	\$ 9,040,746
NR - Natural Resources	29	\$ 129,700,167	26	\$ 44,674,237	27	\$ 13,750,777	24	\$ 6,439,924	28	\$ 7,845,377
NS - Natural Sciences	63	\$ 24,134,364	49	\$ 14,367,472	43	\$ 13,933,001	45	\$ 13,230,742	42	\$ 12,976,896
VMBS - Veterinary Medicine & Biomedical Sciences	40	\$ 14,303,903	44	\$ 16,277,602	39	\$ 12,971,765	39	\$ 10,528,353	27	\$ 12,565,181
Other - Other	8	\$ 593,573	4	\$ 765,045	2	\$ 13,600	8	\$ 2,124,126	1	\$ 1,723,475
*** TOTAL ***	230	\$ 194,842,233	197	\$ 89,786,792	181	\$ 61,453,130	159	\$ 46,112,037	178	\$ 53,310,364

Please see Foreword for detail on this dollar total.

Proposals by Fund Source

Comparison Totals for Fiscal Year



Comparison Cumulative Fiscal Year Proposals to Same Period Previous Fiscal Year

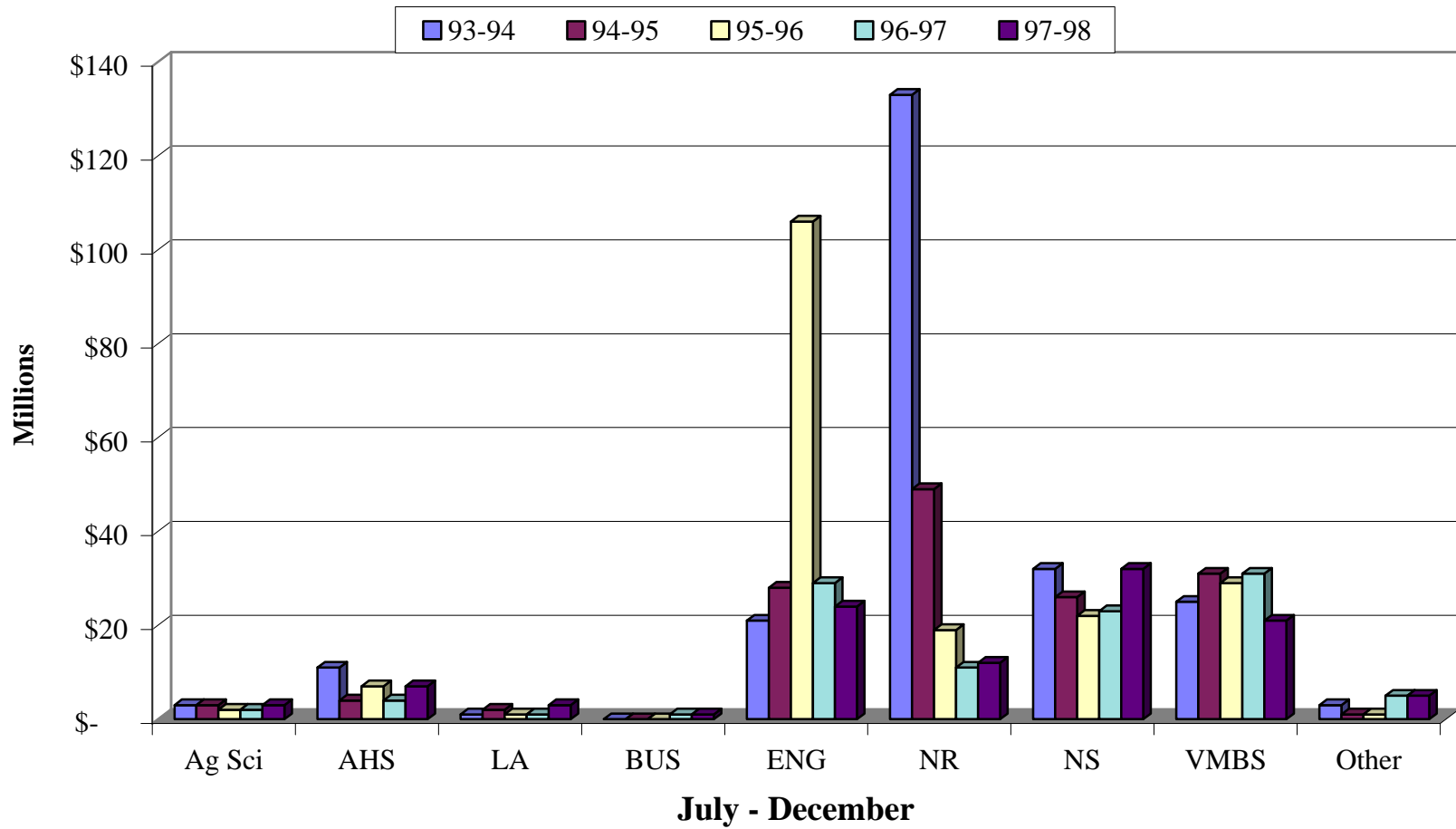
July - December Only

Sponsor	#	FY 94	#	FY 95	#	FY 96	#	FY 97	#	FY 98
Commercial and Non-Profit	89	\$ 8,652,788	86	\$ 7,042,718	91	\$ 10,410,405	74	\$ 11,948,567	80	\$ 11,296,495
Foundations	15	\$ 908,926	17	\$ 730,770	26	\$ 2,402,501	21	\$ 1,649,688	27	\$ 2,814,570
Institutes	1	\$ 96,910	1	\$ 210,420	3	\$ 193,699	0	\$ -	2	\$ 2,509,320
State of Colorado	18	\$ 2,278,887	33	\$ 7,867,055	28	\$ 12,011,569	37	\$ 7,844,449	28	\$ 7,817,126
Subtotal of Non-Federal	123	\$ 11,937,511	137	\$ 15,850,963	148	\$ 25,018,174	132	\$ 21,442,704	137	\$ 24,437,511
USDA - Department of Agriculture	29	\$ 6,066,461	17	\$ 2,735,916	23	\$ 4,116,844	27	\$ 5,221,730	20	\$ 2,787,323
DOC - Department of Commerce	12	\$ 2,666,182	9	\$ 1,908,187	5	\$ 80,976,216	13	\$ 13,237,652	12	\$ 3,025,274
DOD - Department of Defense	42	\$ 129,512,392	42	\$ 48,847,796	30	\$ 10,177,625	35	\$ 8,438,178	17	\$ 4,568,719
DOE - Department of Energy	7	\$ 1,940,791	9	\$ 3,433,348	9	\$ 10,440,415	5	\$ 1,634,463	4	\$ 972,699
EPA - Environmental Protection Agency	12	\$ 1,622,691	8	\$ 1,604,034	4	\$ 145,165	4	\$ 139,075	6	\$ 1,164,302
HHS - Health & Human Services	54	\$ 35,822,442	49	\$ 31,271,907	34	\$ 19,066,532	40	\$ 27,379,709	30	\$ 24,036,002
USDI - Department of the Interior	6	\$ 3,119,787	11	\$ 2,627,337	4	\$ 75,928	10	\$ 966,898	21	\$ 1,713,472
NASA - National Aeronautics & Space Administration	9	\$ 2,233,207	10	\$ 3,469,404	8	\$ 6,863,866	8	\$ 5,178,159	6	\$ 1,814,565
NSF - National Science Foundation	82	\$ 29,991,602	82	\$ 28,814,747	67	\$ 26,046,209	54	\$ 17,700,980	70	\$ 34,505,845
Miscellaneous Federal	21	\$ 3,125,377	61	\$ 3,920,126	141	\$ 2,738,008	11	\$ 4,792,081	13	\$ 8,676,079
*** TOTAL ***	397	\$ 228,038,443	395	\$ 144,483,765	339	\$ 185,664,982	339	\$ 106,131,629	336	\$ 107,701,791

Please see Foreword for detail on this dollar total.

Proposals by College

Comparison of Proposals Submitted by Fiscal Year



Comparison Cumulative Fiscal Year Proposals to Same Period Previous Fiscal Year

July - December Only

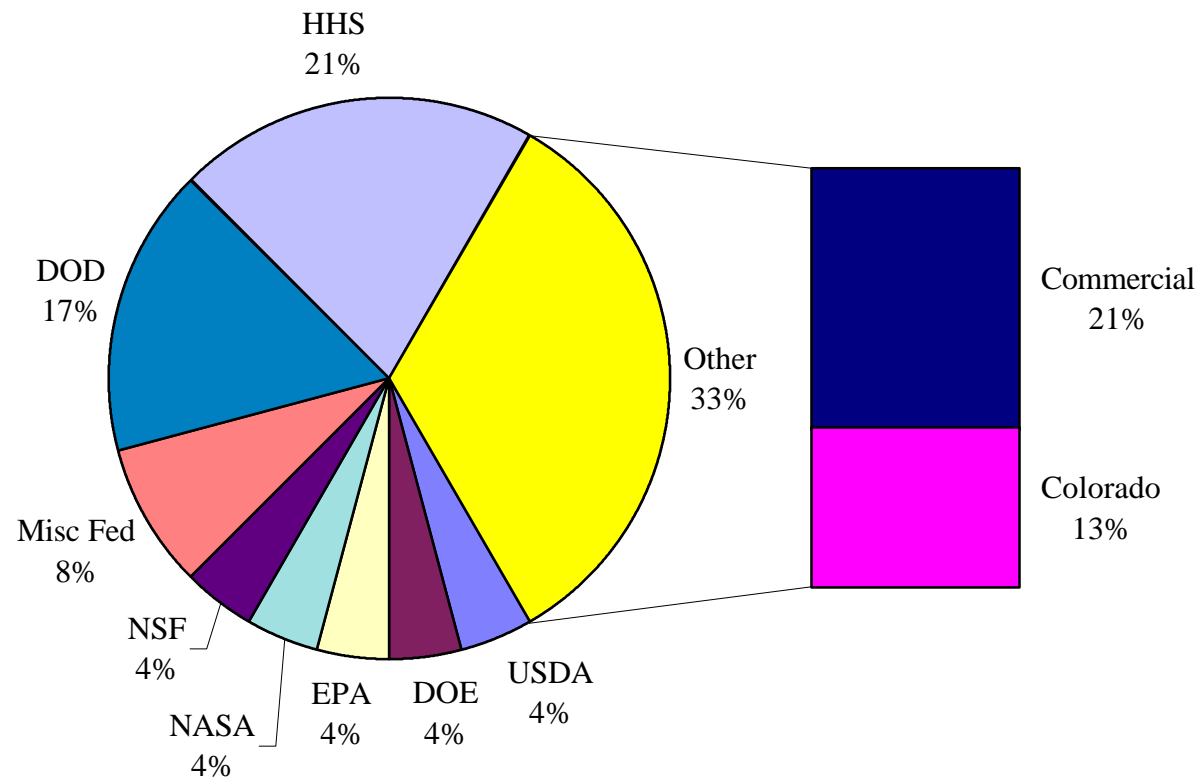
College	#	FY 94	#	FY 95	#	FY 96	#	FY 97	#	FY 98
Ag Sci - Agricultural Sciences	22	\$ 2,575,986	22	\$ 2,530,799	13	\$ 1,822,413	15	\$ 1,573,572	25	\$ 2,559,646
AHS - Applied Human Sciences	40	\$ 10,768,135	31	\$ 4,033,085	17	\$ 6,745,490	14	\$ 3,747,652	32	\$ 7,393,308
CLA - Liberal Arts	10	\$ 502,179	10	\$ 2,022,271	6	\$ 905,135	9	\$ 542,657	9	\$ 2,671,418
Bus - Business	0	\$ -	1	\$ 40,000	3	\$ 390,297	2	\$ 874,851	4	\$ 1,179,407
Eng - Engineering	82	\$ 21,478,356	108	\$ 27,891,784	88	\$ 105,707,703	67	\$ 28,550,325	81	\$ 24,120,280
NR - Natural Resources	46	\$ 132,890,955	40	\$ 49,038,183	56	\$ 18,546,066	54	\$ 11,466,383	48	\$ 11,662,449
NS - Natural Sciences	107	\$ 32,057,128	91	\$ 26,223,884	74	\$ 22,025,385	82	\$ 23,224,178	83	\$ 32,063,284
VMBS - Veterinary Medicine & Biomedical Sciences	66	\$ 24,684,141	78	\$ 31,497,149	76	\$ 28,883,848	79	\$ 31,226,515	50	\$ 21,363,031
Other - Other	24	\$ 3,081,563	14	\$ 1,206,610	6	\$ 638,645	17	\$ 4,925,496	4	\$ 4,688,968
*** TOTAL ***	397	\$ 228,038,443	395	\$ 144,483,765	339	\$ 185,664,982	339	\$ 106,131,629	336	\$ 107,701,791

Please see Foreword for detail on this dollar total.

Historical and Current Quarter Award Summaries

Awards by Fund Source

Quarter Ending December 1997

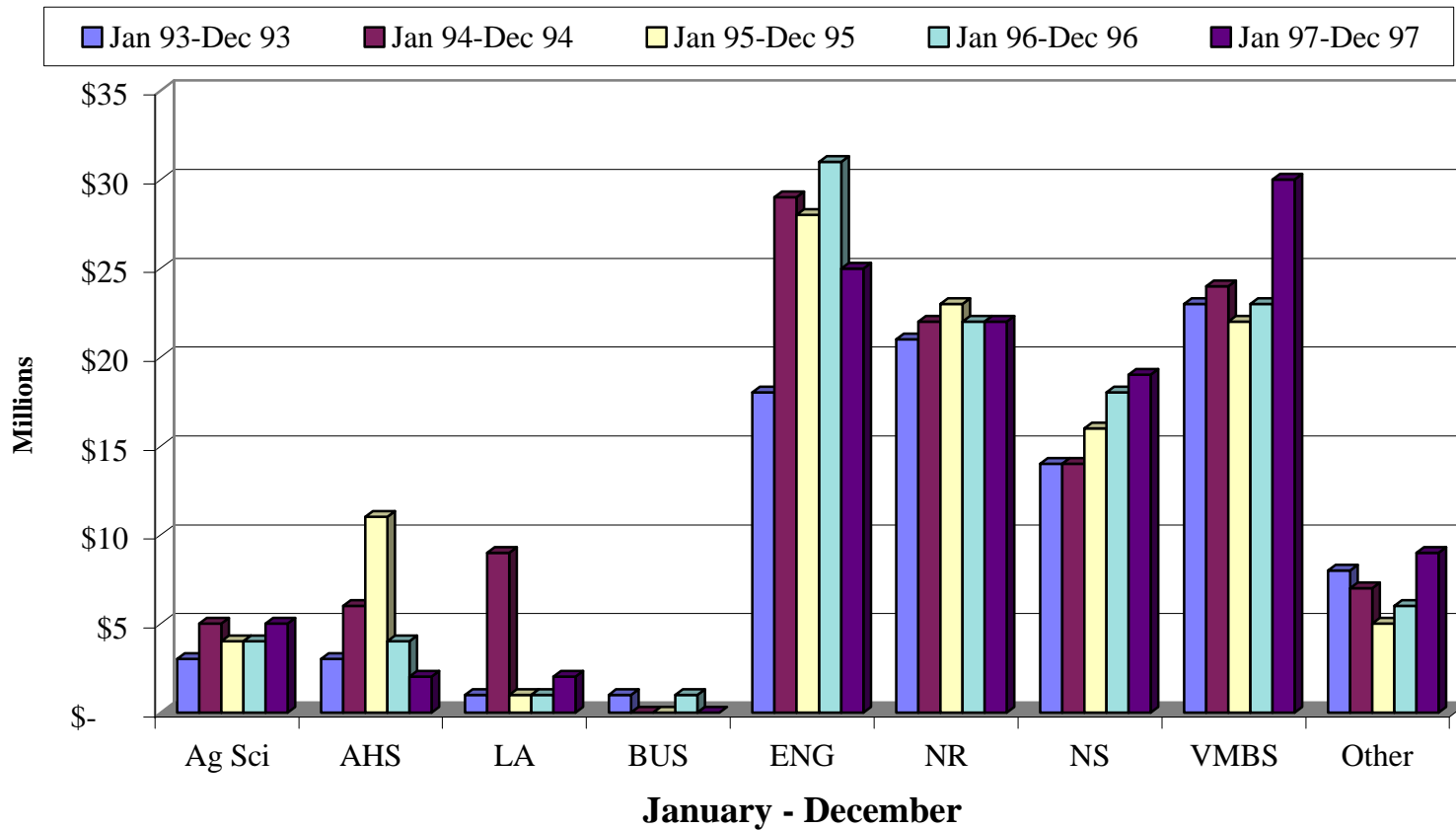


Comparison of Current Quarter Awards to Same Quarter Previous Fiscal Years

Sponsor	#	1993-1994	#	1994-1995	#	1995-1996	#	1996-1997	#	1997-1998
Commercial and Non-Profit	89	\$ 3,223,679	110	\$ 3,820,578	110	\$ 3,568,782	106	\$ 5,769,035	104	\$ 4,633,654
Foundations	9	\$ 190,954	5	\$ 47,790	8	\$ 67,483	9	\$ 236,919	5	\$ 70,650
Institutes	1	\$ 330,374	0	-	2	\$ 232,676	1	\$ 87,935	1	\$ 203,509
State of Colorado	62	\$ 1,617,392	62	\$ 2,156,964	66	\$ 3,999,429	67	\$ 3,900,665	40	\$ 3,032,252
Subtotal of Non-Federal	161	\$ 5,362,399	177	\$ 6,025,332	186	\$ 7,868,370	183	\$ 9,994,554	150	\$ 7,940,065
USDA - Department of Agriculture	54	\$ 1,399,057	47	\$ 3,767,690	48	\$ 3,087,728	72	\$ 2,736,187	31	\$ 1,275,613
DOC - Department of Commerce	6	\$ 466,949	2	\$ 224,007	3	\$ 191,810	2	\$ 2,995,703	3	\$ 385,220
DOD - Department of Defense	20	\$ 2,013,863	17	\$ 2,059,606	8	\$ 712,382	19	\$ 1,712,013	35	\$ 2,475,872
DOE - Department of Energy	6	\$ 937,792	8	\$ 1,250,024	6	\$ 891,535	8	\$ 965,800	6	\$ 555,401
EPA - Environmental Protection Agency	7	\$ 709,586	3	\$ 225,910	4	\$ 503,969	7	\$ 823,867	2	\$ 1,039,625
HHS - Health & Human Services	15	\$ 2,795,393	21	\$ 3,003,049	18	\$ 1,835,242	31	\$ 3,723,237	29	\$ 4,694,030
USDI - Department of the Interior	21	\$ 678,398	22	\$ 1,452,556	11	\$ 837,933	9	\$ 102,111	10	\$ 439,967
NASA - National Aeronautics & Space Administration	3	\$ 129,643	13	\$ 578,577	1	\$ 35,000	9	\$ 521,594	9	\$ 903,361
NSF - National Science Foundation	25	\$ 2,273,908	30	\$ 2,401,448	21	\$ 2,125,445	15	\$ 1,881,928	10	\$ 1,156,537
Miscellaneous Federal	12	\$ 1,771,247	6	\$ 415,900	4	\$ 138,943	6	\$ 1,038,180	2	\$ 665,106
*** TOTAL ***	330	\$ 18,538,235	346	\$ 21,404,099	310	\$ 18,228,357	361	\$ 26,495,174	287	\$ 21,530,797

Awards by College

Comparison Consecutive 12 Months



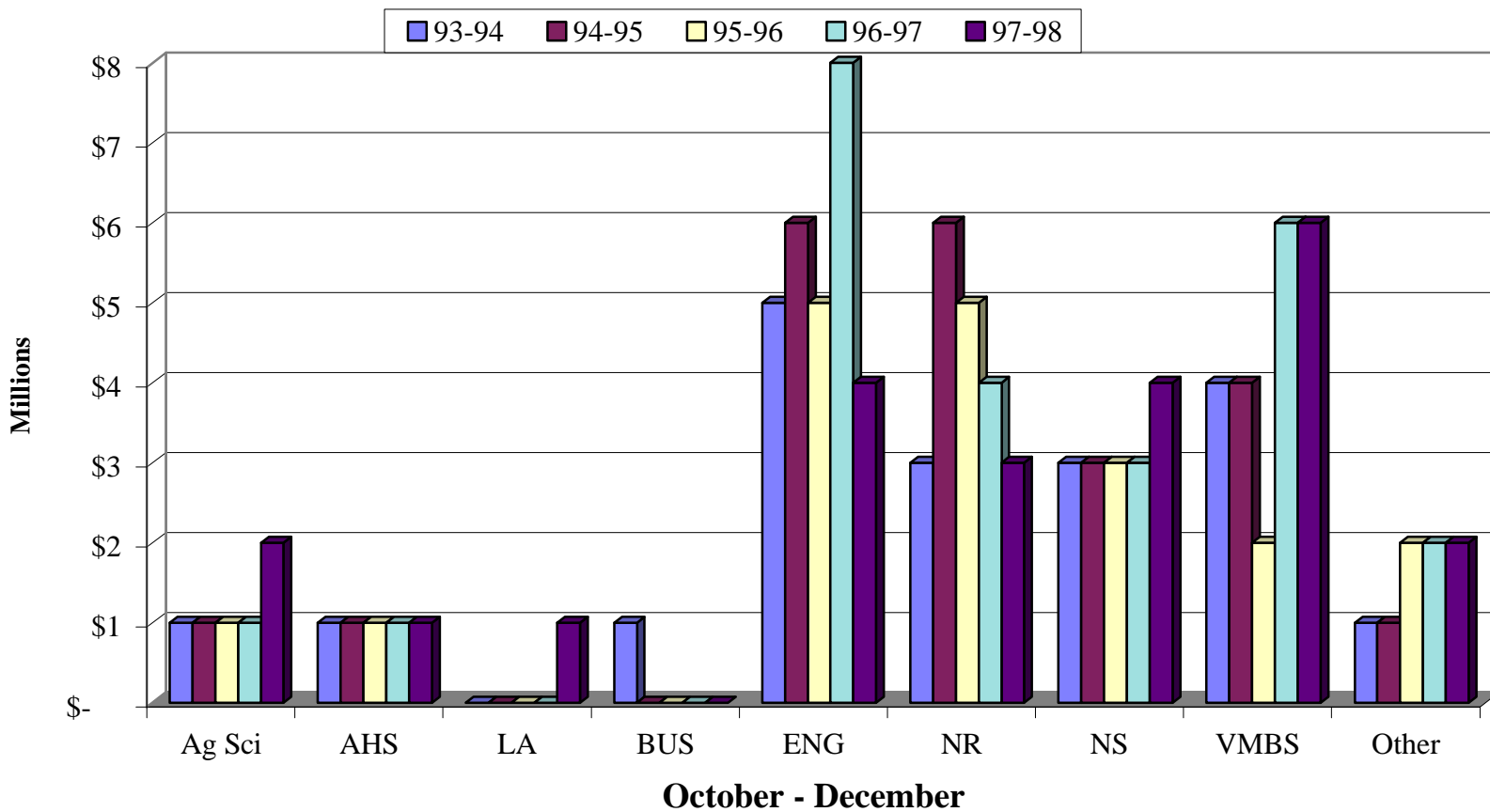
Comparison Consecutive 12 Months Awards to Same Period Previous Years January - December

College	#	01/93 to 12/93	#	01/94 to 12/94	#	01/95 to 12/95	#	01/96 to 12/96	#	01/97 to 12/97
Agricultural Sciences	157	\$ 3,446,998	218	\$ 5,026,198	210	\$ 3,655,321	190	\$ 3,949,793	165	\$ 4,638,501
Applied Human Sciences	80	\$ 3,358,630	90	\$ 6,151,283	92	\$ 10,659,518	86	\$ 3,596,310	46	\$ 2,499,278
Liberal Arts	16	\$ 801,033	16	\$ 923,881	16	\$ 616,723	20	\$ 851,978	15	\$ 1,561,076
Business	30	\$ 840,234	7	\$ 137,736	10	\$ 409,926	10	\$ 701,217	9	\$ 293,522
Engineering	307	\$ 18,001,507	379	\$ 29,226,049	325	\$ 28,250,928	362	\$ 30,957,156	292	\$ 24,507,131
Natural Resources	310	\$ 21,039,598	324	\$ 22,480,716	364	\$ 23,038,378	419	\$ 22,141,535	321	\$ 21,925,333
Natural Sciences	174	\$ 14,080,268	190	\$ 14,271,671	218	\$ 16,594,224	212	\$ 18,012,167	238	\$ 18,939,958
Veterinary Medicine & Biomedical Sciences	203	\$ 22,807,021	232	\$ 24,182,909	233	\$ 21,809,084	265	\$ 23,383,464	265	\$ 30,118,964
Other	143	\$ 8,156,959	114	\$ 7,247,166	85	\$ 5,329,151	79	\$ 6,178,260	92	\$ 5,800,399
*** TOTAL ***	1,420	\$ 92,532,248	1,570	\$ 109,647,609	1,553	\$ 110,363,253	1,643	\$ 109,771,880	1,443	\$ 110,284,162

Please see Foreword for detail on this dollar total.

Awards by College for Quarter

Comparison of Awards Received

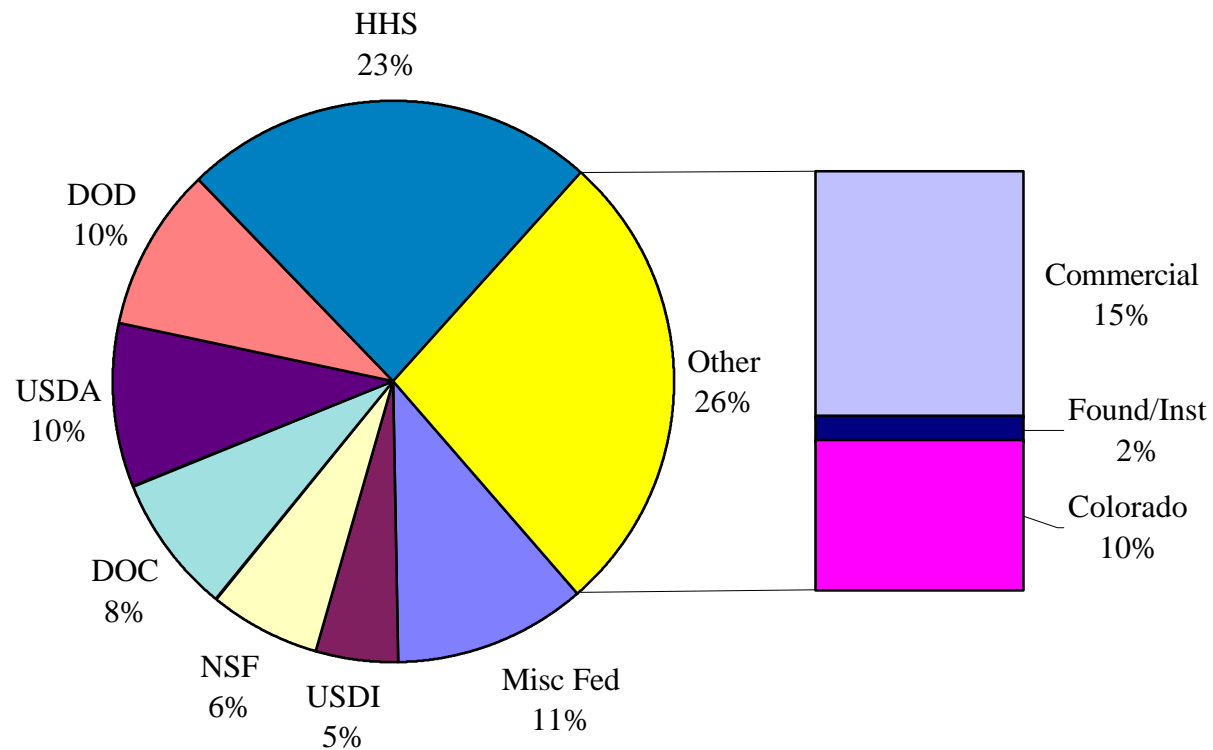


Comparison of Current Quarter Awards to Same Quarter Previous Fiscal Years

College	#	1993-1994	#	1994-1995	#	1995-1996	#	1996-1997	#	1997-1998
Ag Sci - Agricultural Sciences	35	\$ 584,953	50	\$ 769,883	43	\$ 547,625	46	\$ 951,021	39	\$ 1,657,387
AHS - Applied Human Sciences	32	\$ 1,076,980	31	\$ 1,049,492	22	\$ 1,046,581	19	\$ 1,213,105	8	\$ 594,939
CLA - Liberal Arts	2	\$ 68,852	2	\$ 31,503	3	\$ 75,991	0	\$ -	4	\$ 993,651
Bus - Business	18	\$ 577,354	1	\$ 30,012	3	\$ 266,210	2	\$ 336,201	2	\$ 16,642
Eng - Engineering	67	\$ 4,702,122	84	\$ 5,766,711	57	\$ 4,541,626	75	\$ 8,359,886	57	\$ 3,729,151
NR - Natural Resources	60	\$ 2,741,019	54	\$ 5,568,520	70	\$ 5,379,011	89	\$ 4,199,875	55	\$ 3,326,456
NS - Natural Sciences	41	\$ 3,028,221	47	\$ 3,410,566	39	\$ 2,576,153	39	\$ 3,225,367	45	\$ 3,705,203
VMBS - Veterinary Medicine & Biomedical Sciences	45	\$ 4,267,044	42	\$ 3,826,178	45	\$ 1,623,813	67	\$ 5,804,537	59	\$ 5,909,993
Other - Other	30	\$ 1,491,690	35	\$ 951,234	28	\$ 2,171,347	24	\$ 2,405,182	18	\$ 1,597,375
*** TOTAL ***	330	\$ 18,538,235	346	\$ 21,404,099	310	\$ 18,228,357	361	\$ 26,495,174	287	\$ 21,530,797

Awards by Fund Source

Comparison Totals for Fiscal Year



Comparison Cumulative Fiscal Year Awards to Same Period Previous Fiscal Year

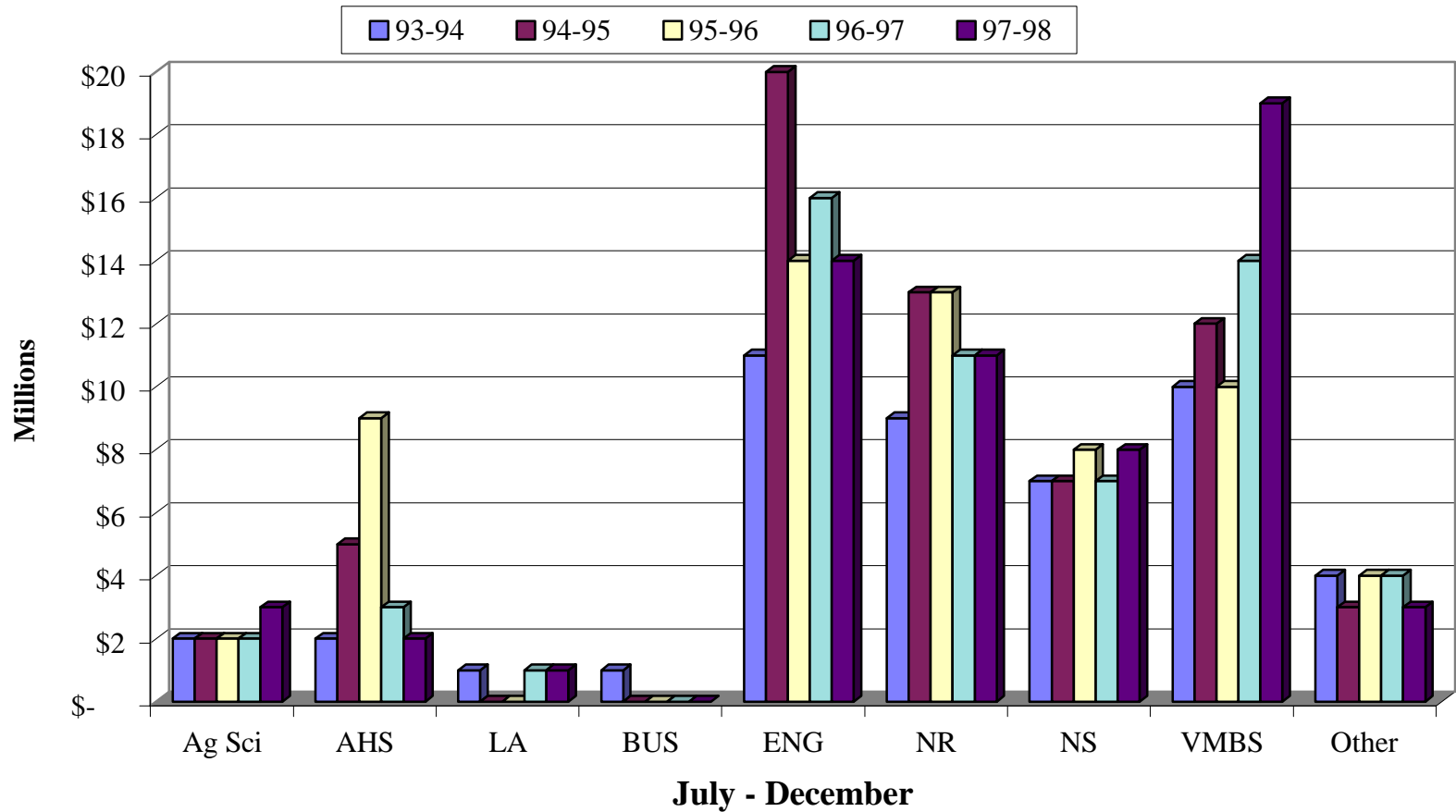
July - December Only

Sponsor	#	FY 94	#	FY 95	#	FY 96	#	FY 97	#	FY 98
Commercial and Non-Profit	205	\$ 6,528,530	252	\$ 7,075,293	246	\$ 7,664,839	235	\$ 10,059,784	245	\$ 10,386,927
Foundations	14	\$ 409,248	18	\$ 371,910	3	\$ 103,193	18	\$ 406,522	15	\$ 484,042
Institutes	3	\$ 395,035	6	\$ 1,105,759	6	\$ 486,865	3	\$ 109,848	3	\$ 382,492
State of Colorado	101	\$ 3,067,417	113	\$ 8,397,341	121	\$ 14,207,492	119	\$ 6,867,388	88	\$ 6,181,730
Subtotal of Non-Federal	323	\$ 10,400,230	389	\$ 16,950,303	376	\$ 22,462,389	375	\$ 17,443,542	351	\$ 17,435,191
USDA - Department of Agriculture	130	\$ 6,379,812	118	\$ 8,548,033	122	\$ 6,108,549	158	\$ 6,743,324	92	\$ 5,535,219
DOC - Department of Commerce	13	\$ 908,264	12	\$ 2,026,013	14	\$ 2,847,465	20	\$ 5,158,175	15	\$ 4,502,093
DOD - Department of Defense	33	\$ 2,661,547	38	\$ 7,487,858	38	\$ 5,281,445	47	\$ 3,326,030	84	\$ 5,918,348
DOE - Department of Energy	22	\$ 2,288,579	19	\$ 2,206,961	18	\$ 2,347,338	19	\$ 2,410,020	16	\$ 1,335,749
EPA - Environmental Protection Agency	11	\$ 974,004	8	\$ 544,903	11	\$ 904,999	17	\$ 1,353,141	8	\$ 1,607,087
HHS - Health & Human Services	64	\$ 10,586,187	62	\$ 10,964,419	65	\$ 8,906,725	82	\$ 11,391,214	86	\$ 14,788,222
USDI - Department of the Interior	68	\$ 2,630,913	63	\$ 3,775,282	56	\$ 2,562,124	55	\$ 2,038,661	57	\$ 2,867,775
NASA - National Aeronautics & Space Administration	22	\$ 1,006,793	23	\$ 1,653,182	12	\$ 1,358,941	21	\$ 1,843,295	21	\$ 1,611,037
NSF - National Science Foundation	65	\$ 5,057,946	66	\$ 5,785,492	52	\$ 5,896,580	43	\$ 4,230,364	34	\$ 4,145,434
Miscellaneous Federal	23	\$ 2,776,347	61	\$ 2,938,805	141	\$ 1,404,459	14	\$ 1,915,263	13	\$ 2,357,518
*** TOTAL ***	774	\$ 45,670,622	821	\$ 62,881,251	784	\$ 60,081,014	851	\$ 57,853,029	777	\$ 62,103,673

Please see Foreword for detail on this dollar total.

Award by College

Comparison of Awards Received by Fiscal Year



Comparison Cumulative Fiscal Year Awards to Same Period Previous Fiscal Year

July - December Only

College	#	FY 94	#	FY 95	#	FY 96	#	FY 97	#	FY 98
Ag Sci - Agricultural Sciences	86	\$ 1,682,931	120	\$ 2,232,230	115	\$ 2,135,688	99	\$ 2,304,334	96	\$ 3,102,131
AHS - Applied Human Sciences	48	\$ 1,949,089	52	\$ 5,054,557	43	\$ 8,805,967	46	\$ 2,800,518	31	\$ 2,008,415
CLA - Liberal Arts	11	\$ 575,638	9	\$ 224,777	8	\$ 352,035	12	\$ 578,432	9	\$ 1,441,344
Bus - Business	22	\$ 715,772	1	\$ 30,012	6	\$ 290,024	3	\$ 347,348	4	\$ 211,082
Eng - Engineering	179	\$ 10,673,046	204	\$ 20,081,781	144	\$ 14,149,136	178	\$ 16,176,053	150	\$ 13,605,062
NR - Natural Resources	170	\$ 8,925,601	166	\$ 12,923,690	193	\$ 12,797,014	235	\$ 10,582,127	184	\$ 11,278,551
NS - Natural Sciences	91	\$ 6,886,096	97	\$ 7,488,179	102	\$ 7,953,114	90	\$ 7,337,428	105	\$ 7,814,372
VMBS - Veterinary Medicine & Biomedical Sciences	100	\$ 10,467,049	115	\$ 12,003,562	116	\$ 9,574,120	148	\$ 13,508,916	156	\$ 19,308,586
Other - Other	67	\$ 3,795,400	57	\$ 2,842,463	57	\$ 4,023,916	40	\$ 4,217,873	42	\$ 3,334,130
*** TOTAL ***	774	\$ 45,670,622	821	\$ 62,881,251	784	\$ 60,081,014	851	\$ 57,853,029	777	\$ 62,103,673

Please see Foreword for detail on this dollar total.

Section II

Proposals Submitted for Current Quarter

College: Agricultural Sciences – Proposals

Title	Principal Investigator	Department / Sponsor Name	Dates	Key # / \$ Amt
A Site-Linked Approach to On-Farm Testing of Best Manure Management Practices	Davis,Jessica G Hoag,Dana L	Soil & Crop Sciences USDA-CSRS-SARE-Sust Agri Res & Educ Prog	10/01/98- 03/31/01	97123101 \$310,849
The Relationship of Mineral Weathering to Buffering Capacity & Storage of Metals in Soils	Cardon,Grant E Heil,Dean M	Soil & Crop Sciences USDA-CSRS-CGP-Competitive Grants Program	10/01/98- 09/30/01	97127301 \$233,565
On-Farm Testing to Train Field Staff in Development, Demonstration, & Implementation...	Davis,Jessica G Bartolo,Michael E	Soil & Crop Sciences USDA-CSRS-SARE-Sust Agri Res & Educ Prog	01/01/99- 12/31/00	97127601 \$109,285
Annual Legumes in Fallow as an Integrated Crop/Livestock Alternative	Peterson,Gary A Westfall,Dwayne G	Soil & Crop Sciences University of Wyoming	10/01/97- 09/30/00	97136601 \$57,559
Genetic Dissection of Heat Tolerance in Spring & Winter Wheat's	Byrne,Patrick F Quick,James S	Soil & Crop Sciences USDA-CSRS-Coop. States Research Service	08/01/98- 07/31/01	97140501 \$336,390
Development of a HunterLab Beef Carcass Color Vision System to Augment USDA Quality...	Belk,Keith Tatum,Joseph D	Animal Sciences Nat'l Cattlemen's Beef Association	09/15/97- 08/01/98	97122001 \$50,000
Developing Benchmarks, Educational Tools & Sorting Strategies to Familiarize Cattle...	Field,Thomas G Tatum,Joseph D	Animal Sciences Nat'l Cattlemen's Beef Association	10/01/97- 10/01/98	97122101 \$38,250
American Bison Behavior & Cortisol Levels during Restraint & Handling	Grandin,Temple	Animal Sciences National Bison Association	10/01/97- 09/30/98	97125001 \$36,925
Development & Management of a Database for Monitoring Product Quality & Evaluating Genetic Inputs...	Tatum,Joseph D	Animal Sciences DM International, Inc.	12/01/97- 11/30/00	97129301 \$18,900
Post-Harvest Evaluation of Temperature Profiles, Product Shelf-Life & Food Safety...	Smith,Gary C	Animal Sciences National Pork Producers Council	01/01/98- 06/30/98	97132201 \$158,000
International Consumer Preference Study	Smith,Gary C	Animal Sciences National Pork Producers Council	01/01/98- 06/30/99	97132301 \$103,200
Establishment of Components for a Quality System to Improve the Appearance, Eat...	Smith,Gary C	Animal Sciences National Pork Producers Council	01/01/98- 06/30/99	97132401 \$156,520
Evaluation of Dual-Energy X-ray Absorption in Bone Metabolism Over Time in Growing Horses	Siciliano,Paul D	Animal Sciences AQHA-American Quarter Horse Assoc.	06/01/98- 06/01/99	97145301 \$34,532
Improving Economic Management in Stratified Rural Economies: A SAM Analysis	Eckert,Jerry Valdez,Norberto	Agricultural & Resource Economics USDA-CSRS-Coop. States Research Service	06/01/98- 05/30/00	97139901 \$191,973
Long Term Preservation of Clonally Propagated Turfgrass Species	Hughes,Harrison G Towill,Leigh	Horticulture & Landscape Architecture Golf Association/U.S. Green Section	02/01/98- 01/31/01	97123701 \$49,701
Selection of Turf Type & Seed Production in Inland Saltgrass	Hughes,Harrison G Christensen,Dana K	Horticulture & Landscape Architecture United State Golf Association	02/01/98- 01/31/03	97125901 \$125,000
Regulation & Function of Cysteine Protease's in Flower Senescence	Jones,Michelle L	Horticulture & Landscape Architecture USDA-CSRS-Coop. States Research Service	09/01/98- 08/31/00	97137701 \$110,590

College: Applied Human Sciences – Proposals

Title	Principal Investigator	Department / Sponsor Name	Dates	Key # / \$ Amt
Dynamic Systems Methodologies for Studying Emotion	Barrett,Karen C	Human Development & Family Studies James McKeen Cattell Fund	08/24/98- 05/14/99	97135201 \$23,683
Using Computer Technology to Deliver Nutrition Education to Low Income Persons	Anderson,Jennifer E Gould,Susan	Food Science & Human Nutrition Annie E. Casey Foundation	04/01/98- 03/31/00	97141001 \$300,000
Using Computer Technology to Deliver Nutrition Education to Low Income Persons	Anderson,Jennifer E	Food Science & Human Nutrition Baker Trust	04/01/98- 03/31/00	97146701 \$100,000
Using Computer Technology to Deliver Nutrition Education to Low Income Persons	Anderson,Jennifer E	Food Science & Human Nutrition Annenberg Foundation	04/01/98- 03/31/00	97153501 \$300,000
Using Computer Technology to Deliver Nutrition Education to Low Income Persons	Anderson,Jennifer E	Food Science & Human Nutrition The Lynde and Harry Bradley Foundation	04/01/98- 03/31/00	97153901 \$100,000
Return to Employment through Early Intervention (REEI) for Individuals with Brain Injuries	Sample,Pat L	Occupational Therapy DE-Special Education & Rehab. Services	07/01/98- 06/30/01	97139801 \$704,587
Occupational Therapy: Quality of the Educational Experience	Hanzlik,Jodie R	Occupational Therapy CCHE-Commission on Higher Education	07/01/98- 06/30/03	97149701 \$819,267
Conservation Assessment Program (CAP)	Carlson,Linda L Blaesi,Lavon F	Design, Merchand. & Consumer Science Natl Inst/Conservation Cultural Property	02/01/98- 05/30/98	97136901 \$3,480
Arterial Stiffness & Systolic Hypertension in Older Adults	Gotshall,Robert Davy,Kevin P	Exercise & Sport Science HHS-NIH-National Institute of Health	06/01/98- 05/30/99	97127101 \$71,330
Improved Pulmonary Function in Exercise-induced Asthma with Low Sodium Diet	Gotshall,Robert W Cordain,Loren	Exercise & Sport Science PADI Foundation	06/01/98- 05/31/99	97141601 \$9,700
Manufacturing Education Plan	Maness,Tom Folkestad,James	Manufacturing Tech & Constrtn Mgmt Society of Manufact. Engin. Educ. Found.	07/01/98- 06/30/00	97134401 \$47,876
Preliminary Facility Evaluation Services	Hill,Richard Grosse,Larry	Manufacturing Tech & Constrtn Mgmt Colorado Department of Local Affairs	11/15/97- 06/30/98	97134601 \$3,223
Feasibility Study for Performance & Redesign of Masterguard Corp Residential Fire...	Grosse,Larry Smith,Charles W	Manufacturing Tech & Constrtn Mgmt MasterGuard Corporation	01/01/98- 08/31/98	97136701 \$76,957
Decentralized Desktop Documentation & Distribution Protocol (4DP) for Historical Preservation	Koziol,Christopher J	Manufacturing Tech & Constrtn Mgmt DOI-NPS-National Park Service	09/01/98- 08/31/01	97145101 \$119,234
Preserving Cultural Resources, Promoting Economy	Kiisk,Linda M	Manufacturing Tech & Constrtn Mgmt DOI-NPS-National Park Service	07/01/98- 06/30/99	97145701 \$39,998
Utilizing of Historic Sites as Models for Sustainable Design & Construction	Kiisk,Linda	Manufacturing Tech & Constrtn Mgmt DOI-NPS-National Park Service	07/01/97- 06/30/99	97154101 \$9,170
Weld County Area Agency on Aging Needs Assessment	Buchan,Victoria	Social Work Weld County Area Agency on Aging	01/01/98- 06/30/98	97129201 \$30,538
Project FUR: Facilitating Family Understanding & Respect	Sheafor,Bradford W Teumer,Susan P	Social Work Helen Brach Foundation	07/01/98- 06/30/99	97144701 \$10,090
The Sustainability Project	Timpson,William M	School of Education DE-FIPSE-Fund Imp. of Post. Sec. Educ.	01/01/98- 12/31/00	97124001 \$352,009
Ecological Thinking for Teacher K-16	Timpson,William M	School of Education Environmental Protection Agency	07/01/98- 06/30/99	97132801 \$22,185

College: Applied Human Sciences – Proposals

Title	Principal Investigator	Department / Sponsor Name	Dates	Key # / \$ Amt
Beliefs & Behaviors Toward Multicultural Teaching	Middleton, Valerie A	School of Education National Academy of Education	08/15/98- 05/15/99	97137501 \$45,000
Creating Higher Education & K-12 Learning Communities through Professional Development School	Mantle-Bromley, Corin	School Of Education CCHE-Commission on Higher Education	07/01/98- 06/30/03	97148901 \$600,908

College: Liberal Arts – Proposals

Title	Principal Investigator	Department / Sponsor Name	Dates	Key # / \$ Amt
Reciprocal Experiential Learning: A School-to-Career Curricula Grant	Keller,Robert R. McNerney,Ralph B	Economics CCHE-Commission on Higher Education	12/01/97- 12/31/99	97122501 \$40,000
Center for Literary Publishing	Milofsky,David	English CCHE-Commission on Higher Education	07/01/98- 06/30/03	97148701 \$311,135
Quality of the Educational Experience	Gill,Ann M Vest,David	Speech Communication CCHE-Commission on Higher Education	07/01/98- 06/30/03	97149101 \$629,714
Local Government Responses in a New Policy Environment	Swanson,Louis	Sociology Ohio State University	09/01/98- 10/01/01	97138701 \$103,891
Assessing Alcohol Education Appeal Types Across Use Levels	Slater,Michael D	Journalism & Technical Communications HHS-NIH-National Institute of Health	08/01/98- 07/31/02	97126901 \$1,012,683

College: Business – Proposals

Title	Principal Investigator	Department / Sponsor Name	Dates	Key # / \$ Amt
Enhancement of the College of Business Distance	Clark,Jon D	Business College	07/01/98-	97148501
Learning MBA Program	Switzer,Jamie	CCHE-Commission on Higher Education	06/30/03	\$1,150,792

College: Engineering – Proposals

Title	Principal Investigator	Department / Sponsor Name	Dates	Key # / \$ Amt
CO-STEM: The Colorado Center of Excellence in Science, Technology, Engineering, & Mathematics	Elhakim,Omnia Ismail Gessler,Johannes	Dean Of Engineering CCHE-Commission on Higher Education	07/01/98- 06/30/03	97148301 \$1,125,139
A Stochastic Approach to Environmental Exposure Assessment Related to Ground Water Nit...	Garcia,Luis Loftis,Jim C	Chemical & Bioresource Engineering USDA-CSRS-Coop. States Research Service	06/01/98- 05/30/01	97128901 \$379,834
DNAPL Source Zone Characterization Model	Durnford,Deanna S	Chemical & Bioresource Engineering NSF-GEO-Geosciences	06/01/98- 05/31/01	97129901 \$160,951
BOREAS Model/Observational Integrated Study	Pielke,Roger A Liston,Glen E	Atmospheric Science National Aeronautics & Space Admin.	01/01/98- 12/31/00	97125201 \$224,999
Development & Application of a System for Quantitative Chemical Analysis of Individual...	Collett,Jeffrey L Jr	Atmospheric Science Environmental Protection Agency	08/15/98- 08/14/01	97137401 \$331,539
Ice Nucleating Aerosol Particles in Arctic Cloud Systems	Rogers,David C Demott,Paul J	Atmospheric Science National Aeronautics & Space Admin.	03/01/98- 02/28/01	97140901 \$245,745
Studies of the Importance of Ion-Pairing in High Density Solvent/Catalyst/Olefin...	Lenz,Terry G Rappe,Anthony K	Atmospheric Science US Department of Energy	04/01/98- 03/31/01	97141301 \$332,886
Development of a Multi-Angle, Multi-wavelength Optical Particle Counter	Kreidenweis-Dandy,So Collett,Jeffrey L	Atmospheric Science Droplet Measurement Technologies, Inc	06/15/98- 02/14/99	97141401 \$33,150
Pathogen Passage in Filtration during Transient Phases & Events	Hendricks,David W	Civil Engineering American Water Works Assc. Research Fnd.	04/01/98- 03/31/01	97113001 \$400,000
Geomorphic Assessment in Vicinity of Old River Complex	Watson,Chester C	Civil Engineering DOD-ARMY-Corps of Engineers	11/15/97- 09/30/98	97125101 \$75,595
Bridge & Culvert Hydraulic Analysis for CASC2D	Abt,Steven R	Civil Engineering DOD-ARMY-Corps of Engineers	01/15/98- 09/30/98	97135401 \$39,661
Regional Scale Integrated Impact Assessment of Climate Change in the Central U.S.	Ramirez,Jorge A	Civil Engineering Tulane University	07/01/98- 06/30/01	97140101 \$254,670
Develop Design Data on Pressure Loss of Large Pipe Fittings	Abt,Steven R Brisbane,Thomas E	Civil Engineering ASHRAE-Amer Soc. of Heat.-Refriger.-Air	06/01/98- 12/31/99	97140301 \$178,262
Navigation Channel Widening at Crossings on Lower Mississippi	Gessler,Daniel	Civil Engineering DOD-ARMY-Corps of Engineers	01/01/98- 06/01/98	97141201 \$27,940
Nomination of Department of Civil Engineering Program of Excellence	Grigg,Neil S	Civil Engineering CCHE-Commission on Higher Education	07/01/98- 06/30/03	97151701 \$100,000
Microwave Analysis & Modeling of Surface Crack Detection in Metals Using Open-Ended Coax...	Zoughi,Reza	Electrical Engineering American Soc. for Nondestructive Testing	08/15/98- 08/15/99	97117901 \$15,000
Colorado State University-Cambridge University Cooperative Research	Wilmsen,Carl W	Electrical Engineering NSF-SBE-Social, Behav & Econ Sciences	03/01/98- 02/28/01	97122601 \$36,867
Cache Design for High Performance CPUs	Jayasumana,Anura	Electrical Engineering Mitech Corporation	11/01/97- 07/31/98	97122701 \$24,905
Carrier Transport Effects on Compressively Strained InAsP Lasers	Menoni,Carmen S Robinson,Gary Y	Electrical Engineering NSF-MPS-Mathematical & Physical Sciences	06/01/98- 05/31/01	97124101 \$399,952
Integrated Telecommunications & Information Processing Laboratory	Shamsunder,Sanyogita Nassar,Carl	Electrical Engineering NSF-EHR-Education & Human Resources	06/01/98- 12/31/99	97127401 \$90,000

College: Engineering – Proposals

Title	Principal Investigator	Department / Sponsor Name	Dates	Key # / \$ Amt
Multi-user & Multichannel Signal Processing Techniques	Shamsunder,Sanyogita	Electrical Engineering NSF-CISE-Computer & Info Sci & Engin	06/01/98- 06/01/01	97129401 \$183,748
Technical & Research Support in Developing Accurate & Inexpensive Instrumentation...	Beaver,John Chandrasekar,V	Electrical Engineering CAMI-Advanced Materials Institute/Colo.	01/01/98- 01/01/99	97137201 \$74,811
Airport Vehicle - ATC Communication System (AVACS)	Nassar,Carl	Electrical Engineering CAMI-Advanced Materials Institute/Colo.	02/01/98- 01/31/99	97137301 \$75,000
Development of an EUV Coherent Radiation Source for Metrology of Projection Lithography...	Rocca,Jorge J G	Electrical Engineering US Department of Defense	07/01/98- 06/30/00	97141501 \$886,175
Implicit Implementation of a Virtual Finite Element	Smith,Frederick W	Mechanical Engineering Univ. California-Los Alamos National Lab	11/01/97- 10/31/98	97120801 \$50,273
Exploring Scientific Inquiry & Career Opportunities	Carlile,Craig M	Mechanical Engineering NSF-EHR-Education & Human Resources	08/01/98- 07/31/01	97122901 \$1,009,546
Student Powered Access for Rural Kids (SPARK)	Carlile,Craig Jackson,Beth A	Mechanical Engineering US Department of Education	09/01/98- 08/31/01	97123001 \$241,230
3-D Digitizing & Rapid Prototyping Applications	Alciatore,David	Mechanical Engineering Office of Research & Development	06/01/98- 05/31/99	97127001 \$114,274
Robust Learning Control for Heating, Ventilating & Air-Conditioning Systems	Hittle,Douglas C Anderson,Charles	Mechanical Engineering NSF - Engineering Grant	01/01/98- 12/31/00	97129001 \$745,140
Fetal & Maternal Monitors for Veterinary Obstetrics	Histand,Michael B	Mechanical Engineering CAMI-Advanced Materials Institute/Colo.	02/01/98- 01/30/99	97132701 \$75,000
Emission Reduction & Performance Optimization for Large, Industrial High-Speed...	Willson,Bryan D Hutcherson,Gary	Mechanical Engineering GRI-Gas Research Institute	01/01/98- 12/31/98	97136801 \$310,000
UCAR Hydrometeorologist for COMET	Vonderhaar,Thomas H Kelsch,Matthew	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	11/01/97- 09/30/98	97117801 \$29,733
Satellite Data Reception Analysis & Support	Vonderhaar,Thomas H Grasso,Lewis O	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	10/01/97- 09/30/98	97126801 \$75,000
Development of Advanced Applications Products Using AMSU Data	Kidder,Stanley O Vonderhaar,Thomas H	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	12/01/97- 11/30/00	97129101 \$444,711
Extended Range Prediction of Major Pan American Warm Season Rainfall Regimes	Gray,William M	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	05/01/98- 04/30/01	97130001 \$249,010

College: Natural Resources – Proposals

Title	Principal Investigator	Department / Sponsor Name	Dates	Key # / \$ Amt
Environment & Conservation Management Curricula Development	Smith,Freeman M	Dean of Natural Resources World Wildlife Fund	12/01/97- 07/31/98	97119701 \$80,000
Longevity of Tree-Species Effects on Soil Fertility & Second Rotation Tropical Tree...	Binkley,Daniel E	Forest Sciences University of Hawaii	06/01/98- 05/31/01	97138201 \$240,602
Refine Modeling Tools to Forecast Effects of Dam Operations on Reservoir Food Webs	Johnson,Brett M	Fishery & Wildlife Biology DOI-Bureau of Reclamation	01/01/98- 12/31/01	97126401 \$306,089
Refine Modeling Tools to Forecast Effects of Dam Operations on Reservoir Food Webs	Johnson,Brett M	Fishery & Wildlife Biology DOI-Bureau of Reclamation	01/01/98- 12/31/00	97126501 \$184,238
Improving the Success Rate of Colorado River Cutthroat Trout Restoration Projects	Fausch,Kurt D	Fishery & Wildlife Biology US Department of the Interior	05/01/98- 04/30/02	97132501 \$191,217
Strategies to Reduce the Effects of Nonnative Brook Trout on Colorado River Cutthroat...	Fausch,Kurt D	Fishery & Wildlife Biology US Department of the Interior	05/01/98- 04/30/02	97132601 \$204,455
Building Learning Connections	Covich,Alan P	Fish & Wildlife Biology CCHE-Commission on Higher Education	07/01/98- 06/30/03	97149301 \$921,083
Biogeochemical Controls on CO2 & N2O Exchange at Different Scales Under Elevated Atmospheric CO	Parton,William J Mosier,Arvin R	Rangeland Ecosystem Science National Science Foundation	07/01/98- 06/30/01	97143501 \$396,874
Soil Fungi as an Indicator of Nitrogen Stress in the Rocky Mountain National Park Ecosystem	Paschke,Mark W Klein,Donald A	Rangeland Ecosystem Science Environmental Protection Agency	03/01/98- 02/28/01	97149901 \$298,743
Fountain Formation (Upper Paleozoic) Paleosols in Colorado: Implications for Pale...	Ethridge,Frank G Sutton,Sally J	Earth Resources NSF-GEO-Geosciences	07/01/98- 06/30/01	97129501 \$109,030
Flume Simulation of Bedrock Channel Incision	Wohl,Ellen E	Earth Resources NSF-GEO-Geosciences	06/01/98- 12/31/99	97129601 \$50,104
Geologic Mapping in the Durango East Quadrangle, La Plata County, Colorado	Erslev,Eric A	Earth Resources DOI-USGS-Geological Survey	05/01/98- 05/31/99	97129801 \$14,014
Characterize the Geomorphic Effects of the 1997 Flooding Along Yuma Wash, Arizona	Wohl,Ellen E	Earth Resources DOD-ARMY-ARO-Army Research Office	01/01/98- 06/30/98	97133001 \$10,086
Argon Geochronometry of Fault Rocks Associated with Ancient Earthquakes	Magloughlin,Jerry F	Earth Resources National Science Foundation	07/01/98- 06/30/00	97134201 \$74,056
Modeling Flows for Fish Habitat Maintenance	Wohl,Ellen E	Earth Resources Colorado Division of Wildlife	05/01/98- 09/01/00	97137101 \$44,548
POWRE: Dating Volcanic Eruptions - Bridging Historic & Pre-Historic Time	Stein,Holly J	Earth Resources NSF-GEO-Geosciences	07/01/98- 12/31/99	97138601 \$74,704
Adaptive Stochastic Dynamic Programming Software Development	Anderson,David R	Cooperative Fish & Wildlife Research DOI-USFWS-Fish & Wildlife Service	01/01/98- 12/31/99	97127201 \$64,491
Development of a Comprehensive Database of Existing Data on Pathogens & Parasites	Bergersen,Eric P	Cooperative Fish & Wildlife Research DOI-USFWS-Fish & Wildlife Service	02/01/98- 01/31/99	97139701 \$30,000
Spatial & Temporal Variability in Nitrogen Cycling & Export in Western Parks	Freckman,Diana Baron,Jill S	Natural Resource Ecology Lab Environmental Protection Agency	01/01/98- 12/31/00	97119601 \$399,335
Field-Scale Measurement of Ch4, N2O, CO2 & H2O Flux from Rice-based Agricultural Systems	Ojima,Dennis Mosier,Arvin R	Natural Resource Ecology Lab National Aeronautics & Space Admin.	10/01/98- 09/30/01	97133701 \$467,832

College: Natural Resources – Proposals

Title	Principal Investigator	Department / Sponsor Name	Dates	Key # / \$ Amt
Landscape-Scale Assessment of Native & Exotic Plant Diversity & Cryptobiotic Crusts...	Stohlgren,Thomas J Reich,Robin M	Natural Resource Ecology Lab DOI-BLM-Bureau of Land Management	03/01/98- 02/28/99	97136401 \$150,000
Rice Agroecosystem Model Development	Parton,William J	Natural Resource Ecology Lab National Aeronautics & Space Admin.	10/01/98- 09/30/01	97137601 \$205,339
Regional Ecosystem Properties: A Hierarchical Approach to Landscape Aggregation	Elliott,Edward T Kelly,Eugene F	Natural Resource Ecology Lab NSF-Biological Centers	07/01/98- 06/30/02	97137901 \$644,913
Identifying Ecosystem Controls on Biodiversity: a US & UK Project (Collaborative...	Freckman,Diana Parsons,Andrew N	Natural Resource Ecology Lab NSF-Biological Centers	07/01/98- 06/30/02	97138101 \$1,193,825
Ecological, Climatic, Economic, & Socio-cultural Drivers of Land-Use Changes...	Ojima,Dennis Parton,William J	Natural Resource Ecology Lab University of Nebraska	07/01/98- 06/30/01	97140201 \$349,851
Environmental Extremes & the Biodiversity of Antarctic Soil Communities	Freckman,Diana Parsons,Andrew	Natural Resource Ecology Lab Dartmouth University/Hitchcock Med. Ctr.	09/01/98- 08/31/01	97141101 \$107,927
Modeling the Impacts of the Hell's Canyon Hydroelectric Project on Terrestrial Natural Resources	Coughenour,Michael B Swift,David M	Natural Resource Ecology Lab Idaho Power Company	01/01/98- 12/31/00	97144901 \$551,573
Agroecosystem Boundaries & C Dynamics with Global Change in the Central United States	Elliott,Edward T Paustian,Keith H	Natural Resource Ecology Lab University of Nebraska	07/01/98- 06/30/01	97148101 \$480,448

College: Natural Sciences – Proposals

Title	Principal Investigator	Department / Sponsor Name	Dates	Key # / \$ Amt
A Comprehensive Approach to Bioscience Education at Colorado State University	Sneider,Thomas W	Dean of Natural Sciences HHMI-Howard Hughes Medical Institute	01/01/98- 12/31/01	97126001 \$2,199,320
Regional Conference on Core Curriculum Reform	Raich,John C Sneider,Thomas W	Dean of Natural Sciences National Science Foundation	01/01/98- 06/30/98	97132101 \$19,878
American Indian Science & Engineering Society	Stein,Fredrick M	Center for Science, Math & Tech Edu Environmental Protection Agency	07/01/98- 06/30/99	97124801 \$25,000
Scanning Probe Microscopy of Membrane Proteins	Schenck,Craig C	Biochemistry & Molecular Biology HHS-NIH-National Institute of Health	07/01/98- 06/30/00	97122301 \$212,821
Characterization of the Interaction between HTLV-I Tax & CBP	Colgin,Mark Nyborg,Jennifer K	Biochemistry & Molecular Biology HHS-NIH-National Institute of Health	05/01/98- 04/30/01	97139601 \$89,700
Graduate Training in Biochemistry & Molecular Biology	Paule,Marvin R	Biochemistry & Molecular Bio US Department of Education	08/16/98- 08/15/00	97145501 \$526,071
Surface Reactivity of Radicals during Plasma Surface Modification of Polymers	Fisher,Ellen R	Chemistry NSF-MPS-Mathematical & Physical Sciences	07/01/98- 06/30/01	97122801 \$424,138
Metallobiochemistry of B12 Ribonucleotide Reductase	Finke,Richard G	Chemistry HHS-NIH-National Institute of Health	07/01/98- 06/30/99	97123801 \$803,177
Nanotubule-Based Molecular-Recognition Membranes	Martin,Charles R	Chemistry NSF-MPS-Mathematical & Physical Sciences	09/01/98- 08/31/01	97129701 \$323,666
Use of Resonantly Enhanced Multiphoton Ionization to Probe Radical Surface Interactions	Fisher,Ellen R	Chemistry Camille & Henry Dreyfus Foundation	06/01/98- 05/31/00	97132901 \$60,000
Observation of Individual Catalytic Hydrodesulfurization Reactions with a Variable...	Parkinson,Bruce A	Chemistry American Chemical Society	05/01/98- 08/31/00	97133301 \$59,297
Utilization & Conservation of Medicinal Plants in the Western Mediterranean Desert...	Stermitz,Frank R	Chemistry U.S.-Egypt Joint Board/Sci & Tech Coop	03/01/98- 02/28/00	97135101 \$24,168
Resonantly Enhanced Multiphoton Ionization for Measurement of Radical-Surface Re...	Fisher,Ellen R	Chemistry NSF-MPS-Mathematical & Physical Sciences	03/01/98- 02/28/99	97136501 \$75,000
Asymmetric Oxygen & Nitrogen Transfer Reactions	Shi,Yian	Chemistry National Science Foundation	06/01/98- 05/31/02	97143901 \$496,696
The Chemistry & Properties of Chiral Oxazolines	Meyers,Albert I	Chemistry National Science Foundation	05/01/98- 04/30/01	97144301 \$617,263
Analyzing Problem Structure in Planning to Improve Planner Performance	Howe,Adele	Computer Science DOD-USAF-Office of Scientific Research	04/01/98- 05/15/01	97113101 \$114,112
Using Walsh Analysis to Understand Problem Structure	Whitley,L Darrell	Computer Science DOD-USAF-Office of Scientific Research	04/01/98- 05/15/01	97113201 \$114,112
EEG Data Standards & Integrative Analysis Tools	Anderson,Charles	Computer Science HHS-NIH-National Institute of Health	08/01/98- 07/31/01	97119901 \$442,707
Optimized Compilation of Visual Programs for Image Processing on Adaptive Computing Systems	Najjar,Walid A Bohm,Anton Pedro W	Computer Science US Department of Defense	05/15/98- 05/14/01	97120701 \$1,178,381
High Level Programming Support for Reconfigurable Computing	Najjar,Walid A Bohm,Anton Pedro W	Computer Science NSF-CISE-Computer & Info Sci & Engin	07/01/98- 06/30/01	97140001 \$715,666

College: Natural Sciences – Proposals

Title	Principal Investigator	Department / Sponsor Name	Dates	Key # / \$ Amt
The Colorado State Artificial Intelligence Lab (CSAIL)	Whitley,L Darrell	Computer Science CCHE-Commission on Higher Education	07/01/98- 06/30/03	97149501 \$609,725
Algebraic Coding Theory, Incidence Geometry & Designs	McGuire,Gary	Mathematics NSF-MPS-Mathematical & Physical Sciences	06/01/98- 05/31/01	97118001 \$39,336
Algebraic Coding Theory, Incidence Geometry & Designs	McGuire,Gary	Mathematics DOD-NSA-National Security Agency	11/01/98- 10/31/00	97120101 \$26,001
Numerical Continuation for Nonlinear Problems with Symmetry Structures	Georg,Kurt Allgower,Eugene L	Mathematics NSF-MPS-Mathematical & Physical Sciences	07/01/98- 06/30/01	97128801 \$310,600
Empirical Nonlinear Dimensionality Reduction	Kirby,Michael J Miranda,Henry P	Mathematics NSF-MPS-Mathematical & Physical Sciences	07/01/98- 06/30/01	97138301 \$112,614
Documenting the Impact of Standards-based Curriculum on Students & Implementing Necessary...	Chappell,Kelly K	Mathematics NSF-EHR-Education & Human Resources	05/01/98- 11/30/99	97138401 \$74,999
Magnetic Resonance Imaging of Patterned Magnetic Multilayers & Submicron Size Magnetic...	Kabos,Pavel	Physics NSF-MPS-Mathematical & Physical Sciences	06/01/98- 05/31/01	97118101 \$348,890
Fundamental Physics of Envelope Solitons -Microwave Solitons in Magnetic Films	Patton,Carl E	Physics NSF-MPS-Mathematical & Physical Sciences	06/01/98- 05/31/01	97118301 \$360,632
Magneto-Optical Study of Flux Dynamics in Superconductors	Field,Stuart B	Physics NSF-MPS-Mathematical & Physical Sciences	05/01/98- 04/30/01	97122201 \$294,178
Measurement of the Magnetically-Induced QED Birefringence of the Vacuum	Lee,Siu Au	Physics DOC-NIST-Nat. Inst. Standards & Technology	03/01/98- 02/28/99	97136301 \$50,000
Device Physics of Thin-Film Polycrystalline Solar Cells	Sites,James R	Physics Midwest Research Institute - NREL	01/15/98- 01/14/01	97137001 \$423,596
Research in Collider Physics - Supplement	Harton,John	Physics US Department of Energy	04/15/98- 04/14/99	97146301 \$69,500
Rural Violent Crime & the Frustration- Aggression Hypothesis	Asmus,Cheryl Edwards,Ruth W	Psychology Society for Psych Study of Social Issues	02/01/98- 02/01/99	97135601 \$2,000
Counseling Psychology Program & the Tri-Ethnic Center for Prevention Research: Program of Excellence	Hamilton,Scott B Chavez,Ernest L	Psychology CCHE-Commission on Higher Education	07/01/98- 06/30/03	97151901 \$140,000
Time Series Analysis	Brockwell,Peter J Davis,Richard A	Statistics NSF-MPS-Mathematical & Physical Sciences	06/01/98- 05/31/01	97126601 \$394,812
Markov & Related Models, with Applications to MCMC & Networks	Tweedie,Richard L	Statistics NSF-MPS-Mathematical & Physical Sciences	07/01/98- 06/30/01	97126701 \$251,100
Methodology for Spatial Models for Binary Data	Hoeting,Jennifer A	Statistics NSF-MPS-Mathematical & Physical Sciences	08/15/98- 02/15/99	97138501 \$75,000
Diversity & Phylogeny of the Cryptomonads: A Comprehensive Structural & Molecular...	Kugrens,Paul Clay,B L	Biology NSF-Biological Centers	01/01/98- 12/31/99	97118201 \$13,681
Evaluation of the National Hydrogeomorphic- Slope Wetland Guidebook Applied...	Steingraeber,David A	Biology Colorado Department of Natural Resources	07/01/98- 06/30/00	97133501 \$123,057
Hell's Canyon Project: Small Mammals as Natural Resources of Concern	Wunder,Bruce A	Biology Environmental Science & Research Foundation	01/01/98- 12/31/00	97133801 \$173,537

College: Natural Sciences – Proposals

Title	Principal Investigator	Department / Sponsor Name	Dates	Key # / \$ Amt
Herbivore Interactions in Heterogeneous Environments: Role of Context-Dependency & Function...	Poff,Nathan L	Biology NSF-Biological Centers	06/01/98- 06/01/02	97137801 \$376,720
Analysis & Cloning of Male Sterility Genes	Bedinger,Patricia A	Biology USDA-CSRS-Coop. States Research Service	06/01/98- 05/31/00	97138001 \$185,745

College: Veterinary Medicine & Biomedical Sciences – Proposals

Title	Principal Investigator	Department / Sponsor Name	Dates	Key # / \$ Amt
Electrophysiology of Taste Transduction	Kinnamon,Sue C	Anatomy & Neurobiology HHS-NIH-NIDCD-Deafness & Other Comm. Dis	07/01/98- 06/30/03	97120501 \$1,021,326
Functional Analysis of NMDA Receptors in the Aging Brain	Magnusson,Kathy Partin,Kathryn M	Anatomy & Neurobiology HHS-NIH-National Institute of Health	06/01/98- 05/31/01	97134501 \$85,920
Immunomodulatory Effects of Ixodes Scapularis (Tick) Saliva	Titus,Richard Gillespie,Robert	Pathology HHS-NIH-National Institute of Health	05/01/98- 04/30/01	97134701 \$92,700
Molecular Determinants of External Block & Channel Gating Induced by Local Anesthetics...	Tamkun,Michael	Physiology Commission/Cultural, Ed & Sci Exchange	06/01/98- 05/31/99	97121001 \$15,000
IUGR: Early Placental Development & Function	Anthony,Russell V	Physiology University of Denver	07/01/98- 06/30/99	97123201 \$213,001
Developmental Expression of NOS & VEGF in Pulmonary Vascular Endothelial Cells of Neo...	Tucker,Alan	Physiology American Heart Association of Colorado	07/01/98- 06/30/00	97133101 \$60,000
Electromagnetic Fields, Amyloid Beta, Melatonin & Oxidative Damage	Reif,John S	Environmental Health DOD-ARMY	07/01/98- 06/30/01	97119801 \$557,078
Malignant Catarrhal Fever: An Important Threat to the Bison Community	Reif,John S	Environmental Health National Bison Association	10/01/97- 09/30/98	97120001 \$40,213
Melatonin & Occupational Radiofrequency Exposure	Reif,John S	Environmental Health HHS-NIH-National Institute of Health	08/01/98- 07/31/01	97123401 \$768,366
Predictive Models for Combination Cancer Chemotherapy	Gustafson,Daniel L Yang,Raymond S H	Environmental Health HHS-NIH-NCI-National Cancer Institute	07/01/98- 06/30/03	97123501 \$520,394
Colorado Injury Control Research Center (CICRC)	Stallones,Lorann	Environmental Health HHS-CDC-Centers for Disease Control	09/01/98- 08/31/03	97123901 \$6,505,879
Biomarkers for Assessing Human Exposure to Brominated Water Disinfection Byproducts	Reif,John S Tessari,John Domenic	Environmental Health American Water Works Assc. Research Fd.	01/01/98- 12/31/99	97124901 \$299,942
Interaction of Enterococcus Faecalis with Macrophages	Gentry-Weeks,Claudia	Microbiology HHS-NIH-National Institute of Health	07/01/98- 06/30/03	97112801 \$507,484
Cell Wall Mutants of M. Tuberculosis	Besra,Gurdyal S Brennan,Patrick J	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	07/01/98- 06/30/03	97120601 \$1,007,789
A Novel Class of Phospholipases-Molecular Pathogenesis	Belisle,John T	Microbiology University of Colorado Health Sci Ctr	06/01/98- 05/31/03	97120901 \$64,755
Conversion of Spent Brewing Grains to an Enhanced Livestock Feed Supplement	Linden,James C Henk,Linda Lou	Microbiology USDA-CSRS-Coop. States Research Service	07/01/98- 06/30/01	97139501 \$459,910
Cellulase Production in Solid Substrate Fermentation by Mixed Cultures	Linden,James C	Microbiology National Science Foundation	07/01/98- 06/30/00	97143701 \$143,513
Molecular Mechanism of Articular Cartilage Repair	Oxford,Julia R T	Clinical Sciences HHS-NIH-National Institute of Health	07/01/98- 06/30/99	97127501 \$72,474
Comparison of the Effects of Metoprolol & Carvedilol on Hemodynamic Parameters & Cardia...	Monnet,Eric	Clinical Sciences American Heart Association of Colorado	07/01/98- 07/01/99	97133201 \$24,926
Biomechanical Strength of Repair of Tibial Tuberosity Osteotomy	Kuntz,Charles Withrow,Stephen J	Clinical Sciences Veterinary Orthopedic Society	07/01/98- 06/30/99	97133401 \$4,573

College: Veterinary Medicine & Biomedical Sciences – Proposals

Title	Principal Investigator	Department / Sponsor Name	Dates	Key # / \$ Amt
Evaluation of Capillary Blood Flow of the Stomach Wall with a Laser Doppler Flow Mon...	Monnet, Eric	Clinical Sciences American College of Veterinary Surgeons	07/01/98- 07/01/99	97134301 \$9,734
Isolation & Characterization of Ehrlichia spp. Infecting Cats	Lappin, Michael R	Clinical Sciences Robert H. Winn Foundation	04/01/98- 03/31/99	97134801 \$6,023
Ketoprofen Administration during & after Halothane-Anesthesia in Cats	Hellyer, Peter W Wagner, Ann E	Clinical Sciences Robert H. Winn Foundation	04/01/98- 03/31/99	97134901 \$10,572
Electrophysiological, Morphological, & Biochemical Characterization of Feline Diabetic...	Cuddon, Paul A	Clinical Sciences Robert H. Winn Foundation	04/01/98- 03/31/99	97135001 \$14,465
Effect of EPM Therapy on Semen Quality of Stallions	Brinsko, Steven P Squires, Edward L	Clinical Sciences AQHA-American Quarter Horse Assoc.	05/01/98- 01/01/99	97145901 \$29,422
Evaluation of Strenuous Treadmill Exercise on Navicular Bones of Young Horses	McIlwraith, C Wayne Kawcak, Christopher	Clinical Sciences AQHA-American Quarter Horse Assoc.	10/01/98- 09/30/99	97146101 \$15,543
In Vivo Evaluation of Doxorubicin in a Mouse Mammary Carcinoma Model	Dernell, William S	Clinical Sciences University of Colorado	01/01/98- 12/31/98	97146502 \$14,179

College: Other – Proposals

Title	Principal Investigator	Department / Sponsor Name	Dates	Key # / \$ Amt
University Talent Search	Thayer,Paul B	Talent Search Program US Department of Education	09/01/98- 08/31/03	97123301 \$1,723,475

Section III

Awards Received for Current Quarter

College: Agricultural Sciences – Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$ Amt.
Colorado Potato Certification Service	Davidson,Robert D Sather,Kent	San Luis Valley Research Center CO Certified Potato Growers' Assoc., Inc	11/01/97- 04/30/98	5362 \$395,000
Scientific Services - Jill D. Wick	Holm,David G	San Luis Valley Research Center San Luis Valley Research Ctr. Committee	08/01/94- 06/30/98	6363 \$33,062
Assessment of QBA's for Control of Potato Diseases	Zink,Richard T Davidson,Robert D	San Luis Valley Research Center Camas Technologies, Inc.	05/15/97- 12/31/97	8201 \$10,900
Potato Quality Evaluations	Maga,Joseph A	San Luis Valley Research Center Potato Administration of Colorado	07/01/97- 06/30/98	8326 \$3,500
Potato Cultivar Development for Northern Colorado	Holm,David G	San Luis Valley Research Center Potato Administration of Colorado	07/01/97- 06/30/98	8336 \$2,050
Agronomic Research in Western Colorado	Pearson,Calvin H	Western Slope - Fruita Various "Non-Profit" Sponsors	07/01/91- 12/31/98	6667 \$1,000
Field Studies & Modeling of Cropping Systems & their Impact on Water Quality in East...	Peterson,Gary A Butters,Gregory	Soil & Crop Sciences USDA-ARS-Agricultural Research Service	06/01/94- 05/31/99	2055 \$99,800
Soil Survey & Soil Survey Certificate	Kelly,Eugene F Cipra,Jan E	Soil & Crop Sciences USDA-NRCS-Natural Resources Consvtn Srv	04/30/96- 02/01/98	2073 \$11,800
Genetic Control of Corn Earworm Resistance Factors	Byrne,Patrick F	Soil & Crop Sciences USDA-ARS-Agricultural Research Service	12/01/97- 07/31/00	2078 \$18,731
Application of Sewage Sludge to Dryland Wheat	Barbarick,Kenneth A	Soil & Crop Sciences City of Littleton	01/01/97- 12/31/98	5677 \$61,004
Soil Fertility Studies	Westfall,Dwayne G	Soil & Crop Sciences Various "For Profit" Sponsors	04/01/91- 06/30/98	6642 \$6,250
Sugarbeet Production Research (FY97)	Sommers,Lee E	Soil & Crop Sciences USDA-ARS-Agricultural Research Service	10/01/97- 09/30/98	8033 \$36,207
Seed Viability & Storage Research	Sommers,Lee E	Soil & Crop Sciences USDA-ARS-Agricultural Research Service	10/01/97- 09/30/98	8034 \$60,066
Water Management Research	Sommers,Lee E	Soil & Crop Sciences USDA-ARS-Agricultural Research Service	10/01/97- 09/30/98	8037 \$16,746
Central Plains Resources Management Research	Sommers,Lee E	Soil & Crop Sciences USDA-ARS-Agricultural Research Service	10/01/97- 09/30/98	8038 \$9,928
Great Plains System Research Unit	Sommers,Lee E	Soil & Crop Sciences USDA-ARS-Agricultural Research Service	10/01/97- 09/30/98	8039 \$74,088
Zoran Ilievski Project	Brick,Mark A	Soil & Crop Sciences Cargill, Inc.	10/27/97- 05/15/99	8202 \$28,500
Development of Improved Quality & High Yield in Wheat Germplasm in Colorado	Johnson,Jerry J	Soil & Crop Sciences Colorado Wheat Administrative Commission	07/01/97- 06/30/98	8302 \$2,500
Sorting Carcasses from Beefmaster Cattle based on Palatability/Tenderness Traits...	Belk,Keith Tatum,Joseph D	Animal Sciences Beefmaster Breeders United	09/15/97- 08/01/98	5188 \$20,000
Development of a HunterLab Beef Carcass Color Vision System to Augment USDA Quality...	Belk,Keith Tatum,Joseph D	Animal Sciences Nat'l Cattlemen's Beef Association	09/01/97- 08/01/98	5199 \$50,000

College: Agricultural Sciences – Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$ Amt.
Evaluation of Pre-Evisceration Spray-washing as a Beef Carcass Decontamination Treatment...	Sofos,John N Smith,Gary C	Animal Sciences Nat'l Cattlemen's Beef Association	09/01/97- 12/01/98	5355 \$112,780
Developing Benchmarks, Educational Tools & Sorting Strategies to Familiarize Cattle...	Field,Thomas G Tatum,Joseph D	Animal Sciences Nat'l Cattlemen's Beef Association	03/10/97- 03/01/98	5357 \$38,250
Pilot Study for the National Study, Microbial Mapping II	Belk,Keith Sofos,John N	Animal Sciences Nat'l Cattlemen's Beef Association	10/01/97- 03/01/98	5359 \$35,875
Microbiological Profile of Pork Variety Meats at Two Different Plant Production Sites...	Belk,Keith Sofos,John N	Animal Sciences U.S. Meat Export Federation	11/01/97- 05/15/98	5360 \$198,320
Development & Management of a Database for Monitoring Product Quality & Evaluating Gen... Plant Germplasm Research - Roos	Tatum,Joseph D Wallner,Stephen J	Animal Sciences DM International, Inc. Horticulture & Landscape Arch USDA-ARS-Agricultural Research Service	12/01/97- 11/30/00 10/01/97- 09/30/98	8204 \$18,900 8035 \$43,739
Causes of Winter Mortality in Colorado Honey Bees	Cranshaw,Whitney S Peairs,Frank B	Bioagric Sciences & Pest Mgmt Colorado Department of Agriculture	09/15/97- 09/30/98	0220 \$20,000
Cooperative Agricultural Pest Survey 1998	Bjostad,Louis B	Bioagric Sciences & Pest Mgmt USDA-APHIS-Ag & Plant Health Insp Service	10/01/97- 09/30/98	2149 \$32,300
Cooperative Agricultural Pest Survey 1998	Brown,William M Bjostad,Louis B	Bioagric Sciences & Pest Mgmt USDA-APHIS-Ag & Plant Health Insp Service	10/01/97- 09/30/98	2150 \$4,400
Cooperative Agricultural Pest Survey 1998	Bjostad,Louis B	Bioagric Sciences & Pest Mgmt USDA-APHIS-Ag & Plant Health Insp Service	10/01/97- 09/30/98	2151 \$11,941
Grasshopper Common Dataset (CAPS 1998)	Holtzer,Thomas O	Bioagric Sciences & Pest Mgmt USDA-APHIS-Ag & Plant Health Insp Service	10/01/97- 09/30/98	2152 \$13,250
Cooperative Agricultural Pest Survey 1998	Bjostad,Louis B	Bioagric Sciences & Pest Mgmt USDA-APHIS-Ag & Plant Health Insp Service	10/01/97- 09/30/98	2153 \$8,000
Cooperative Agricultural Pest Survey 1998	Brown,William M Bjostad,Louis B	Bioagric Sciences & Pest Mgmt USDA-APHIS-Ag & Plant Health Insp Service	10/01/97- 09/30/98	2154 \$24,000
Cooperative Agricultural Pest Survey 1998	Bjostad,Louis B	Bioagric Sciences & Pest Mgmt USDA-APHIS-Ag & Plant Health Insp Service	10/01/97- 09/30/98	2155 \$6,000
Transformation & Regeneration of Pelargonium hortorum sp. with AntiACC Synthase Gene(s)	Ranu,Rajinder S	Bioagric Sciences & Pest Mgmt Tagawa Greenhouses, Inc.	09/01/96- 06/30/01	6210 \$60,000
Genetic Manipulation of Flower Plants	Ranu,Rajinder S	Bioagric Sciences & Pest Mgmt Tagawa Greenhouses, Inc.	02/10/93- 06/30/98	6804 \$72,000
Behavioral Bioassay Development for Termites	Bjostad,Louis B	Bioagric Sciences & Pest Mgmt American Cyanamid Company	09/03/97- 09/02/02	8203 \$1,500
Studies on Occurrence Control of Early & Late Blight Diseases of Potato in Colorado	Schwartz,Howard F Hill,Joseph P	Bioagric Sciences & Pest Mgmt Potato Administration of Colorado	07/01/97- 06/30/98	8335 \$10,000
Continued Evaluation of Authority & Visor for Potato Weed Control	Nissen,Scott	Bioagric Sciences & Pest Mgmt Potato Administration of Colorado	07/01/97- 06/30/98	8337 \$5,000

College: Applied Human Sciences – Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$ Amt.
CSU & Hewlett Packard Collaborative Diversity Research Project	Anderson,Sharon K Cobb,R Brian	Dean of Applied Human Sciences Hewlett Packard	09/15/97- 06/30/98	6276 \$15,000
Evaluation of Two Instructional Elementary School Models to Achieve 5-a-Day...	Auld,Garry W	Food Science & Human Nutrition Colorado Dept Public Health & Environ	10/01/97- 09/30/98	0236 \$40,857
Students' Entrepreneurial Education Research Project (SEERP)	Gliner,Jeffrey A Sample,Pat L	Occupational Therapy DE-Special Education-Innovation & Devlpm	09/01/97- 08/31/98	4201 \$141,106
Influence of Regular Oat Consumption on Arterial Blood Pressure in Middle-aged & Older...	Davy,Kevin Melby,Christopher L	Exercise & Sport Science Quaker Oats, Co.	12/01/97- 10/31/99	6288 \$280,961
Animal Assisted Therapy & Activity Programs	Sheafor,Bradford W	Social Work Dr. Scholl Foundation	01/01/98- 12/31/98	5455 \$10,000
Transition System Project	Cobb,R Brian Thomson,Alexander	School of Education Colorado Department of Education	07/01/97- 06/30/98	0076 \$72,500
Critical Issues Work (Eisenhower)	Mantle-Bromley,C	School of Education Colorado Partnership/Educational Renewal	10/01/97- 09/30/98	5186 \$16,373
Even Start Program	Love,Cathleen T	School of Education Poudre R-1	07/01/96- 06/30/98	5301 \$18,142

College: Liberal Arts – Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$ Amt.
Public Policies Affecting Competition for Ranchlands: Economic Comparison of Two...	Kling,Robert W Sparling,Edward W	Economics AFT - American Farmland Trust, Inc.	06/01/97- 03/01/98	5192 \$8,585
Regional Community Policing Institute Project	Standing Bear,Zug G	Sociology Div. of Criminal Justice/CO Dept Pub Saf	08/13/97- 08/12/98	0208 \$117,366
Communicating Strategies to Grocery Consumers to Reduce their Dietary Exposure...	Zimmerman,Donald E Slater,Michael D	Journalism & Technical Comm EPA-Pesticides Control Research	12/01/97- 11/30/00	5827 \$839,624
Communication & Public Education Core 2: Injury Prevention Center	Stallones,Lorann Slater,Michael D	Journalism & Technical Comm HHS-CDC-Environ. Hlth & Injury Control	09/01/97- 08/31/98	7701 \$28,076

College: Business – Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$ Amt.
Workshop: Communication Across the Curriculum	Jankovich,Jackie Van Leuven,James K	Business College CCHE-Commission on Higher Education	07/01/97- 06/30/98	0120 \$7,482
Communication Audit	Lemay,Elaine A Jankovich,Jackie L	Management Schlumberger Dowell	10/28/97- 02/01/98	6277 \$9,160

College: Engineering – Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$ Amt.
Hydrologic Maps	Garcia,Luis	Chemical & Bioresource Engineering Colorado Division of Wildlife	01/01/98- 06/30/98	0229 \$11,650
Nonflowing Chemical Processing for Thin Film Manufacturing	McConica,Carol M Edwards,Harry W	Chemical & Bioresource Engineering NSF - Engineering Grant	10/01/97- 09/30/98	3285 \$10,000
Water Management Research	Loftis,Jim C	Chemical & Bioresource Engineering USDA-ARS-Agricultural Research Service	10/01/97- 09/30/98	8036 \$135,298
Services of Terence Podmore	Podmore,Terence H	Chemical & Bioresource Engineering CID-Consortium for Inter. Development	10/31/97- 12/15/97	9215 \$16,499
Retrieval of Cirrus Cloud Microphysical & Radiative Properties from Multispectral MODIS...	Stephens,Graeme L Drummond,Charles J	Atmospheric Science National Aeronautics & Space Admin.	09/01/97- 08/31/98	1933 \$22,000
Assessing the Impact of Remote Sensing Data on the Cloudiness Predictions in Short...	Stephens,Graeme L	Atmospheric Science National Aeronautics & Space Admin.	11/01/97- 10/31/98	1950 \$189,932
Validation Studies & Algorithm Refinement in Support of TRMM	Rutledge,Steven A Stephens,Graeme L	Atmospheric Science National Aeronautics & Space Admin.	06/01/97- 05/31/98	1962 \$23,000
Dynamical Studies in Hurricane Intensity Change	Montgomery,Michael T	Atmospheric Science DOD-NAVY-ONR-Office of Naval Research	03/01/93- 12/31/98	2447 \$311,604
GEWEX Cloud & Radiation Mission	Stephens,Graeme L	Atmospheric Science Calif. Inst. of Tech/Jet Propulsion Lab	10/02/97- 06/01/98	2702 \$25,000
Clouds & Water Vapor in the Climate System: RPA & Satellites	Stephens,Graeme L	Atmospheric Science Harvard University	07/01/96- 06/30/98	2714 \$87,971
The CSU-CHILL Radar Facility	Rutledge,Steven A Bringi,Viswanathan N	Atmospheric Science NSF-GEO-Geosciences	05/01/95- 04/30/98	3157 \$40,000
Climate Analysis & Extended Range Seasonal Prediction	Gray,William M	Atmospheric Science NSF-GEO-Geosciences	10/01/97- 10/31/98	3184 \$134,261
Application of a Tracer Technique to Study Sulfur Dioxide Oxidation in Cloud Drops...	Collett,Jeffrey L J	Atmospheric Science NSF-GEO-Geosciences	12/15/97- 11/30/99	3299 \$176,975
The Fundamental Role of Day versus Night Radiation Differences on the Diurnal...	Gray,William M	Atmospheric Science US Department of Energy	12/01/97- 11/30/98	3808 \$110,000
CCHE Space Center of Excellence	Jacobs,Harold R	Civil Engineering University of Colorado	07/01/97- 06/30/98	0121 \$25,000
Field to Farm to Ecosystem Scale Decision Support Models	Salas,Jose D	Civil Engineering USDA-ARS-Agricultural Research Service	08/26/94- 07/14/99	2002 \$99,115
Numerical Model Study of Off Channel Sediment Storage Area	Gessler,Daniel	Civil Engineering DOD-ARMY-Corps of Engineers	10/14/97- 01/31/98	2450 \$33,879
Numerical Model Study of Medora Crossing	Gessler,Daniel	Civil Engineering DOD-ARMY-Corps of Engineers	10/14/97- 01/15/98	2451 \$31,101
A Partnership for the Advancement of Knowledge in the Area of Space Launch Systems...	Brower,Timothy L	Civil Engineering Lockheed Corporation	03/31/97- 12/31/97	2620 \$8,015
A Partnership for the Advancement of Knowledge in the Area of Space Launch Systems...	Brower,Timothy L	Civil Engineering Lockheed Corporation	03/31/97- 12/31/97	2621 \$6,375

College: Engineering – Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$ Amt.
An Inflatable Module for Lunar/Mars Surface Facilities	Criswell,Marvin E	Civil Engineering Orbital Technologies, Corp. (ORBITEC)	11/25/97- 09/01/98	2718 \$46,751
ADECA - Comprehensive Water Resources Study	Grigg,Neil S	Civil Engineering Alabama Dept-Economic & Community Affair	08/08/97- 06/30/99	5051 \$250,000
Development of an Integrated System of Flow Forecasting for the Maule R. Basin, Chile	Diaz,Gustavo E Salas,Jose D	Civil Engineering Catholic University of Chile	11/15/96- 03/31/98	5730 \$7,594
Flume Testing of A-Jacks	Watson,Chester C Thornton,Christopher	Civil Engineering Armortec	10/01/97- 10/30/98	6280 \$98,000
Platte River Hydraulic Model Study	Abt,Steven R Brisbane,Thomas E	Civil Engineering Love & Associates, Inc.	12/01/97- 08/31/98	6285 \$62,500
GPSR - USDA/ARS Task Order for Dr. Ahuja & Dr. Dunn	Salas,Jose D	Civil Engineering USDA-ARS-Agricultural Research Service	10/01/97- 09/30/98	8040 \$7,806
GPSR - USDA/ARS Task Order for Dr. Ahuja & Dr. Dunn	Salas,Jose D	Civil Engineering USDA-ARS-Agricultural Research Service	10/01/97- 09/30/98	8040 \$26,533
Senior Technical Advisors in Residence (STAR)	Grigg,Neil S	Civil Engineering John Hopkins University	11/16/93- 11/15/98	9026 \$149,097
Fabrication of Defractive Micro-Optics	Menoni,Carmen S	Electrical Engineering University of Colorado	07/01/97- 06/30/98	0215 \$15,000
Volume Holographic Storage for Digital Data	Mitkas,Pericles A	Electrical Engineering University of Colorado	07/01/97- 06/30/98	0217 \$15,000
Ka Band Propagation Studies using ACTS Terminal & CSU-CHILL Radar	Bringi,Viswanathan N Turk,Francis J	Electrical Engineering NASA-Lewis Research Center	05/01/93- 03/31/98	1977 \$45,813
Robust, High-Speed WDM Networks	Jayasumana,Anura Temkin,Henryk	Electrical Engineering DOD-ARPA-Advanced Research Proj. Agency	05/01/95- 11/30/98	2515 \$100,000
Optoelectronics REG	Rocca,Jorge J G	Electrical Engineering University of Colorado	05/01/97- 04/30/98	3401 \$14,000
Optoelectronics Administration	Wilmsen,Carl W	Electrical Engineering University of Colorado	05/01/97- 04/30/98	3650 \$97,336
Towards Non-Linear Optics at Ultrashort Wavelengths	Rocca,Jorge J G	Electrical Engineering University of Colorado	05/01/97- 04/30/98	3652 \$47,153
Polarization Switching & Multimode Dynamics in VCSELs	Rocca,Jorge J G	Electrical Engineering University of Colorado	05/01/97- 04/30/98	3653 \$46,703
Holographic Search Engine for Multimedia Databases	Mitkas,Pericles A	Electrical Engineering University of Colorado	05/01/97- 04/30/98	3654 \$71,350
Large Scale VCSEL Based Smart Pixels	Wilmsen,Carl W	Electrical Engineering University of Colorado	05/01/97- 04/30/98	3655 \$60,250
New Excitation Sources for Ultra High Quality Amorphous Semi Conducting Filters	Collins,George J	Electrical Engineering NEDO-(New Energy/Indus. Tech. Dev. Org.)	02/01/97- 01/31/98	6227 \$20,576
Fabrication of Defractive Micro-optics	Menoni,Carmen S	Electrical Engineering Ball Aerospace Systems	07/01/97- 06/30/99	6275 \$10,000

College: Engineering – Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$ Amt.
Defect Modeling of SRAM Modules	Chen,Wei (Tom)	Electrical Engineering Lucent Technologies, Inc.	10/01/97- 09/30/98	6278 \$35,000
Portable Microwave System for Measurement of Fatigue Cracks	Zoughi,Reza	Electrical Engineering Raymond-Lae Engineering/RLE Techn., Inc.	10/14/97- 04/04/98	6287 \$20,551
Understanding Back Contact	Robinson,Gary Y	Electrical Engineering Midwest Research Institute - NREL	11/02/97- 11/01/99	9340 \$68,747
Advanced Electric Propulsion Research	Wilbur,Paul J	Mechanical Engineering NASA-Lewis Research Center	11/23/97- 09/22/98	1927 \$30,041
Exploring Science & Engineering Career Opportunities	Carlile,Craig Jackson,Elizabeth A	Mechanical Engineering US Department of Energy	09/01/97- 05/31/98	3841 \$50,000
Microstructural, Morphological & Electrical Studies of a Unique Dry Plasma Metal...	Sampath,Walajabad S Barth,Kurt	Mechanical Engineering EPA-Air Pollution Control Research	10/01/97- 09/30/00	5822 \$200,001
Harras Custom Products MIK Circuit Board Design for Manufacture	Scheuerman,David J Troxell,Wade O	Mechanical Engineering Harras Custom Products, Inc.	10/03/97- 10/31/97	6040 \$4,000
Emergent Product Realization Process Research Support	Troxell,Wade O	Mechanical Engineering Storage Technology Corporation	08/15/97- 08/15/98	6066 \$20,000
Dynamic Materials Internship	Scheuerman,David J Troxell,Wade O	Mechanical Engineering Harras Custom Products, Inc.	11/04/97- 12/31/97	6281 \$1,228
RLE Technologies, Box Cover Design	Scheuerman,David J Troxell,Wade O	Mechanical Engineering Raymond-Lae Engineering/RLE Techn., Inc.	11/17/97- 12/31/97	6282 \$5,351
Harras Custom Products CNC Opportunities	Scheuerman,David J Troxell,Wade O	Mechanical Engineering Harras Custom Products, Inc.	11/17/97- 12/31/97	6284 \$5,102
Industrial Assessment Center	Edwards,Harry W	Mechanical Engineering University City Science Center	10/01/97- 09/30/98	9338 \$59,500
Implicit Implementation of a Virtual Finite Element	Smith,Frederick W	Mechanical Engineering Univ. California-Los Alamos National Lab	11/17/97- 09/30/98	9339 \$50,273
Effective Communication & Utilization of National Weather Service Critical Hydrometeorological...	Adams,Christopher R Vonderhaar,Thomas H	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	10/01/96- 06/30/01	1214 \$89,220
Severe Weather Research	Vonderhaar,Thomas H Purdom,James F	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	07/01/96- 06/30/01	1221 \$146,000
GOES Science Improvements	Vonderhaar,Thomas H	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	08/01/97- 12/31/01	1232 \$150,000
Development of an Ocean Model Based upon the Reduced System of Equations	Vonderhaar,Thomas H	CIRA DOD-NAVY-ONR-Office of Naval Research	10/01/91- 09/30/98	2413 \$105,000

College: Natural Resources – Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$ Amt.
Cost Effectiveness Analysis of Hazard Fuel Reduction Programs--Phase II	Omi,Philip N Rideout,Douglas B	Forest Sciences DOI-NPS-National Park Service	12/01/97- 11/30/99	1748 \$177,286
Cultural Resource Management Support at Eglin Air Force Base	Shaw,Robert B	Forest Sciences DOI-NPS-National Park Service	11/28/97- 10/31/98	1751 \$102,644
U.S. AECRO Support for Office of the Chief of Staff, U.S. Army Environmental Center	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	04/30/97- 11/26/97	2350 \$5,000
Legacy Resources Management Assistance	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	09/02/97- 03/17/98	2382 \$3,000
Forestry Support for Fort A.P. Hill, Virginia	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	12/01/97- 11/30/98	2396 \$2,800
ITAM & Geographic Information System Support for U. S. Army Pacific Command (USARPAC)	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	11/01/97- 11/09/98	2419 \$87,391
ITAM & Geographic Information System Support for U. S. Army Pacific Command (USARPAC)	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	12/15/97- 12/14/98	2419 \$7,000
Natural Resources Field Support	Shaw,Robert B	Forest Sciences DOD-ARMY-Fort Drum, New York	04/01/98- 09/30/98	2428 \$7,041
Natural Resources Field Support	Shaw,Robert B	Forest Sciences DOD-ARMY-Fort Drum, New York	04/01/98- 09/30/98	2428 \$917
Natural Resources Field Support	Shaw,Robert B	Forest Sciences DOD-ARMY-Fort Drum, New York	04/01/98- 09/30/98	2428 \$917
Natural Resources Field Support	Shaw,Robert B	Forest Sciences DOD-ARMY-Fort Drum, New York	04/01/98- 09/30/98	2428 \$865
Natural Resources Field Support	Shaw,Robert B	Forest Sciences DOD-ARMY-Fort Drum, New York	04/01/98- 09/30/98	2429 \$52,959
Natural Resources Field Support	Shaw,Robert B	Forest Sciences DOD-ARMY-Fort Drum, New York	04/01/98- 09/30/98	2429 \$9,083
Natural Resources Field Support	Shaw,Robert B	Forest Sciences DOD-ARMY-Fort Drum, New York	04/01/98- 09/30/98	2429 \$9,083
Natural Resources Field Support	Shaw,Robert B	Forest Sciences DOD-ARMY-Fort Drum, New York	04/01/98- 09/30/98	2429 \$6,105
Forest Management Support	Shaw,Robert B	Forest Sciences DOD-ARMY-Fort Drum, New York	10/15/97- 12/31/97	2439 \$7,416
Forest Management Support	Shaw,Robert B	Forest Sciences DOD-ARMY-Fort Drum, New York	10/15/97- 12/31/97	2441 \$58,584
Interagency Personnel Agreement for Joan VanDerVort	Shaw,Robert B	Forest Sciences DOD-ARMY	11/08/97- 11/08/98	2454 \$76,150
U.S. Army Regional Environmental Offices Support of the Chief of Staff, U.S. Army...	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	12/04/97- 10/03/98	2460 \$444,842
Geographic Information System Support for Natural Resources Management	Shaw,Robert B	Forest Sciences DOD-ARMY-Fort Drum, New York	07/01/98- 09/30/99	2461 \$6,099

College: Natural Resources – Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$ Amt.
Geographic Information System (GIS) Support for Natural Resources Management	Shaw,Robert B	Forest Sciences DOD-ARMY-Fort Drum, New York	07/01/98- 09/30/99	2462 \$74,901
Cultural Resource Surveys & Management	Shaw,Robert B	Forest Sciences DOD-ARMY-Fort Drum, New York	02/01/98- 06/30/99	2463 \$27,922
Cultural Resource Surveys & Management	Shaw,Robert B	Forest Sciences DOD-ARMY-Fort Drum, New York	02/01/98- 06/30/99	2466 \$211,278
Short-Rotation Eucalyptus Plantations in Brazil	Betters,David R	Forest Sciences University of Toronto	09/30/97- 10/31/98	5706 \$12,100
Water Quality & Ecosystem Studies in Northwest Alaska	Binkley,Daniel E	Forest Sciences USDA-USFS-Forest Research	07/10/96- 11/30/00	8788 \$50,000
Geographic Information Systems Training for Dr. Gonsel Kusek	Dean,Denis J	Forest Sciences CID-Consortium for Inter. Development	08/15/97- 12/16/97	9200 \$2,726
GOCO/DOW IV	Pague,Christopher A	Fishery & Wildlife Biology Colorado Division of Wildlife	07/01/97- 06/30/98	0069 \$300,000
Wetlands Initiative	Given,William	Fishery & Wildlife Biology Colorado Department of Natural Resources	10/27/97- 08/15/98	0219 \$63,432
Morphological Description of Rio Grande Sucker Larvae & Early Juveniles & Comparison...	Snyder,Darrel E	Fishery & Wildlife Biology Colorado Division of Wildlife	10/01/97- 06/30/98	0224 \$10,372
Wetlands Data Interpretation	Sanderson,John	Fishery & Wildlife Biology Colorado Department of Natural Resources	11/15/97- 08/15/98	0230 \$12,910
Enhancement of Wetland Data	Given,William	Fishery & Wildlife Biology Colorado Department of Natural Resources	10/27/97- 12/31/97	0232 \$4,122
“Call Center” to Provide Information & Education	Covich,Alan P	Fishery & Wildlife Biology Colorado Division of Wildlife	12/11/97- 06/30/98	0233 \$30,951
Ecological Effects of Reservoir Operations on Blue Mesa Reservoir	Johnson,Brett M	Fishery & Wildlife Biology DOI-Bureau of Reclamation	04/22/93- 12/31/97	2842 \$6,000
Population Dynamics of Elk in the Upper Eagle River Valley	Allredge,A William	Fishery & Wildlife Biology Vail Associates, Inc.	04/01/94- 12/31/98	6012 \$19,629
Vegetation Classification of the San Juan	Kettler,Steve	Fishery & Wildlife Biology USDA-USFS-San Juan National Forest	11/24/97- 03/31/98	8749 \$2,499
Test of Habitat Evaluation Procedure for Bighorn Sheep	Swift,David M	Rangeland Ecosystem Science Colorado Division of Wildlife	12/03/97- 06/30/98	0231 \$16,000
Cooperative Work/Education Agreement for Rebecca Addington	Redente,Edward F	Rangeland Ecosystem Science DOD-ARMY-CERL-Const. Engineer. Res. Lab.	10/01/97- 09/30/98	2457 \$16,862
Long Term Ecological Research Program: Shortgrass Steppe	Burke,Ingrid C Lauenroth,William K	Rangeland Ecosystem Science NSF-Biological Centers	02/01/97- 01/31/99	3033 \$560,000
The Role of Natural Grazing Refuges in Grassland Biodiversity	Milchunas,Daniel G	Rangeland Ecosystem Science U.S.-Israel Binational Science Found.	10/01/97- 09/30/98	5705 \$14,750
Hunter Economic Model	Manfredo,Michael J	Nat Resource Recreation & Tourism Colorado Division of Wildlife	10/02/97- 06/30/98	0206 \$10,000

College: Natural Resources – Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$ Amt.
Designing a Program of Research to Answer Program Efficacy Questions	Wells,Marcella D	Nat Resource Recreation & Tourism CDOW-Colorado Division of Wildlife	12/01/97- 06/30/98	0238 \$9,200
Wildlife Research & White-tailed Deer Bibliography for the National Park Service	Haas,Glenn E	Nat Resource Recreation & Tourism DOI-NPS-National Park Service	11/01/97- 09/30/98	1743 \$13,000
Development of Environmental Contaminant Encyclopedia	Stednick,John D	Earth Resources DOI-NPS-National Park Service	09/01/97- 09/30/98	1731 \$11,000
Sediment Flushing along the North Fork Poudre River	Wohl,Ellen E	Earth Resources DOI-Bureau of Reclamation	11/01/97- 09/30/98	1749 \$5,000
Interdisciplinary Approaches to Identification & Mitigation of NPS Water Quality Impacts	Stednick,John D	Earth Resources University of Wyoming	09/15/94- 08/31/98	3467 \$45,000
Cost Effectiveness Analysis of Hazard Fuel Reduction Programs	Omi,Philip N Rideout,Douglas B	Cooperative Fish & Wildlife Research DOI-USFWS-Fish & Wildlife Service	08/15/95- 12/01/99	4176 \$66,045
Ranking Conservation Priorities of Vertebrates in Colorado	Gross,John E	Natural Resource Ecology Lab Colorado Division of Wildlife	10/07/97- 06/30/98	0209 \$30,160
Ecological Modeling in Support of County Decision Making	Hobbs,N Thompson	Natural Resource Ecology Lab Colorado Division of Wildlife	10/24/97- 06/30/98	0218 \$185,129
Ecological Studies of the Jackson Bison & Elk Herds	Coughenour,Michael B	Natural Resource Ecology Lab DOI-USGS-Geological Survey	09/01/97- 05/01/00	1737 \$13,992
Integrated Nitrogen Cycle Analysis of Land Use Practices in the U.S. & China	Ojima,Dennis	Natural Resource Ecology Lab UCAR-NCAR-Nat Ctr for Atmospheric Res	09/01/96- 08/31/98	3430 \$33,338
Regional Climate Change Impacts on the Great Plains	Ojima,Dennis	Natural Resource Ecology Lab University of California at Davis	04/21/97- 05/01/98	3983 \$76,189
Population & Environment in the U.S. Great Plains	Parton,William J Galvin,Kathleen	Natural Resource Ecology Lab University of Texas at Austin	08/01/97- 07/31/98	7503 \$117,925
Research in Agricultural Sciences	Elliott,Edward T	Natural Resource Ecology Lab USDA-ARS-Agricultural Research Service	10/01/97- 09/30/98	8031 \$33,465
Spatially Explicit Projections of C Dynamics with Global Change in the Central Unit...	Elliott,Edward T Paustian,Keith H	Natural Resource Ecology Lab University of Nebraska	07/01/96- 06/30/98	9300 \$85,000
Soil Organic Matter Dynamics & Management Decision Making in an Enriched CO2 Environment...	Paustian,Keith H Elliott,Edward T	Natural Resource Ecology Lab Michigan State University	09/15/97- 09/14/98	9342 \$90,377

College: Natural Sciences – Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$ Amt.
Study Workshops in the Sciences	Wilburn,Rezzella H	Dean of Natural Sciences Arizona State University	09/17/97- 09/16/98	3428 \$176
Students as Leaders in Science (SLS) Assistantships	Wilburn,Rezzella H	Dean of Natural Sciences Various "For Profit" Sponsors	08/01/97- 08/01/98	6179 \$7,500
Colorado Statewide Systems Initiative	Stein,Fredrick M	Center for Science, Math & Tech Edu Colorado Department of Education	09/01/97- 08/31/98	0591 \$22,500
Optical Properties of Biological Macromolecules	Woody,Robert W	Biochemistry & Molecular Biology HHS-PHS-Biophysics & Physiological Sci.	12/01/97- 11/30/98	7669 \$246,894
Mechanism of Cyclin A-Cdk2 Inhibition by p57	Lumb,Kevin J	Biochemistry & Molecular Biology HHS-PHS-Genetics Research	01/01/98- 12/31/98	7699 \$94,870
RNA Polymerase I Transcription & Regulation Mechanisms	Paule,Marvin R	Biochemistry & Molecular Biology HHS-PHS-Genetics Research	01/01/98- 12/31/98	7720 \$250,871
Genetic Analysis of Transcription Initiation	Stargell,Laurie	Biochemistry & Molecular Biology HHS-PHS-Genetics Research	01/01/98- 12/31/02	7781 \$167,853
Transcriptional Regulation by the HTLV I Tax Protein	Nyborg,Jennifer K	Biochemistry & Molecular Biology HHS-NIH-NCI-National Cancer Institute	12/19/97- 11/30/98	7782 \$225,703
Electrochemical & Optical Investigations of Nanostructure Ensembles	Martin,Charles R	Chemistry DOD-NAVY-ONR-Office of Naval Research	10/01/90- 09/30/98	2391 \$103,227
Surface Reactivity of SiC1x Radicals during Plasma Deposition of Amorphous Hydro-...	Fisher,Ellen R	Chemistry DOD-NAVY-ONR-Office of Naval Research	05/01/95- 04/30/98	2548 \$30,000
Investigation of Plasma Deposition Mechanisms for Silicon Dioxide & Silicon Nitride Films	Fisher,Ellen R	Chemistry NSF-MPS-Mathematical & Physical Sciences	05/01/95- 04/30/98	3086 \$13,194
Plasma Modification of Hydrophobic Membranes	Fisher,Ellen R	Chemistry University of Colorado	11/21/97- 12/31/00	3434 \$90,000
Electron Transfer Dynamics at Semiconductor Nanocluster Interfaces	Kelley,David F	Chemistry US Department of Energy	11/01/97- 10/31/98	3801 \$100,001
Polyoxoanion-Stabilized Transition Metal Nanoclusters: Soluble Analogs of Heterogeneous...	Finke,Richard G	Chemistry DOE-Office of Energy Research	12/01/97- 11/30/98	3805 \$115,400
Nanomaterials in Secondary Battery Research & Development	Martin,Charles R Fisher,Ellen R	Chemistry DOE-Office of Energy Research	12/15/97- 12/14/98	3866 \$80,000
Total Synthesis & Biosynthesis of Bioactive Substances	Williams,Robert M	Chemistry HHS-PHS-NCI-Cancer Treatment Center	01/15/97- 12/31/98	4433 \$181,451
Effects of Formamidopyrimidine Lesions on Nucleic Acid Structure & Function	Greenberg,Marc M	Chemistry HHS-NIH-NCI-National Cancer Institute	09/01/97- 07/31/98	4466 \$154,139
Editorial Office for Journal of Chemical Physics	Fixman,Marshall Ladanyi,Branka M	Chemistry American Institute of Physics	08/01/95- 07/31/99	5597 \$203,509
Biophysical Investigations of Fc Epsilon RI-MAFA Interactions	Barisas,B George	Chemistry U.S.-Israel Binational Science Found.	09/01/97- 08/31/98	5703 \$6,900
Carbon Tubules & Membranes	Martin,Charles R	Chemistry Midwest Research Institute - NREL	11/21/97- 11/20/98	9341 \$60,000

College: Natural Sciences – Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$ Amt.
Learning to Populate Geospatial Databases via Markov Decision Processes	Draper,Bruce	Computer Science DOD-ARMY-Advanced Concepts & Technology	04/28/97- 11/27/98	2345 \$119,264
Exploiting Problem Structure in Scheduling	Howe,Adele Whitley,L Darrell	Computer Science DOD-ARPA-Advanced Research Proj. Agency	01/01/98- 12/31/98	2346 \$135,582
Articulation, Assessment, & Placement Issues in Mathematics	Hardy,Darel W	Mathematics CCHE-Commission on Higher Education	07/01/97- 06/30/98	0119 \$7,986
Multi-dimensional Assignment Techniques for Mobile Target Engagement	Poore,Aubrey B	Mathematics DOD-USAF-Air Force	01/01/98- 12/31/98	2347 \$135,000
Lectures on Division Algebra's	Demeyer, Frank R	Mathematics NSF-MPS-Mathematical & Physical Sciences	12/01/97- 08/31/98	3283 \$26,107
High Frequency Properties of Ferrite Films for Microwave & Millimeter Wave Devices	Patton, Carl E	Physics DOD-NAVY-ONR-Office of Naval Research	10/01/96- 09/30/98	2329 \$120,000
Microwave Magnetic Thin Film Soliton Devices	Patton, Carl E	Physics DOD-ARMY-ARO-Army Research Office	06/16/95- 06/15/98	2561 \$60,000
Improved Continuing Lidar Observation & Geophysical Study of the Mesopause Region	She, Chiaoyao Krueger, David A	Physics NSF-GEO-Geosciences	01/01/98- 12/31/98	3270 \$120,000
Research in Collider Physics	Toki, Walter Wilson, Robert J	Physics US Department of Energy	04/15/97- 04/14/98	3852 \$100,000
Photon Burst Mass Spectrometry of Krypton	Fairbank, William M J	Physics Univ. California-Los Alamos National Lab	12/01/93- 10/31/97	3947 \$7,057
Continuous Quality Improvement Intern	Thornton, George C	Psychology Colorado Department of Transportation	03/25/94- 06/30/98	0596 \$25,000
Drug Use among Young Indians: Epidemiology & Prediction	Beauvais, Frederick	Psychology HHS-PHS-Drug Abuse Research Programs	12/01/97- 11/30/98	4616 \$512,817
Thailand Skills Development	Hautaluoma, Jacob E	Psychology CID-Consortium for Inter. Development	01/01/98- 01/31/98	9216 \$10,311
Research Design	Bowden, David C	Statistics Colorado Division of Wildlife	10/01/97- 06/30/98	0222 \$9,000
CASE-Study of High Level Statistical & Probabilistic Problems	Tweedie, Richard	Statistics UCAR-NCAR-Nat Ctr for Atmospheric Res	06/15/97- 08/30/97	3657 \$1,072
CASE-General Account for Statistical Research	Zumbrunnen, James R	Statistics Various "For Profit" Sponsors	09/01/95- 05/31/99	6131 \$605
CASE-General Account for Statistical Research	Zumbrunnen, James R	Statistics Various "For Profit" Sponsors	09/01/95- 05/31/99	6131 \$1,110
CASE-General Account for Statistical Research	Zumbrunnen, James R	Statistics Various "For Profit" Sponsors	09/01/95- 05/31/99	6131 \$134
CASE-Development of Transmission Facility Availability Measure & Targets...	Boardman, Thomas J	Statistics EDM-Engineering Data Management, Inc.	05/19/97- 12/15/97	6251 \$24,000
Statistical Services for ARS-NPA	Davis, Richard A	Statistics USDA-ARS-Agricultural Research Service	10/01/97- 09/30/98	8032 \$12,540

College: Natural Sciences – Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$ Amt.
Development of Brown Tree Snake Baits & Repellents	Wright,William G	Biology USDA-APHIS-Ag & Plant Health Insp Service	10/01/97- 09/30/98	2045 \$32,010
Determining the Efficacy of Aerosol/Non Lethal Chemical Bird Repellents	Wunder,Bruce A Clark,Larry	Biology USDA-APHIS-Ag & Plant Health Insp Service	10/01/97- 09/30/98	2053 \$13,420
Evolution of Complex Colony Structure in Social Insects	Herbers,Joan M	Biology NSF-Biological Centers	07/01/95- 06/30/99	3227 \$66,663
Evolution of Complex Colony Structure in Social Insects - Off Campus Project	Herbers,Joan M	Biology NSF-Biological Centers	07/01/95- 06/30/99	3229 \$9,337
Evolution of North Temperate Disjunct Plants	Wen,Jun	Biology University of Connecticut	12/01/97- 11/30/99	9500 \$2,000

College: Veterinary Medicine & Biomedical Sciences – Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$ Amt.
Extramural Research Facilities Construction	Voss,James L	Dean of Veterinary Medicine HHS-Extramural Research Facil Constrtn	09/30/97- 09/29/99	7778 \$975,000
Membrane Properties & Neural Circuits of the Suprachiasmatic Nucleus	Dudek,F Edward	Anatomy & Neurobiology DOD-USAF-Office of Scientific Research	07/01/96- 11/30/98	2307 \$75,000
Age-Related Changes in Glutamate Receptors	Magnusson,Kathy	Anatomy & Neurobiology HHS-PHS-Aging Research	01/01/98- 12/31/98	4403 \$79,935
5HT Presynaptic Inhibition of Retinal Input to the Hypothalamic Suprachiasmatic Nucleus	Pickard,Gary E Dudek,F Edward	Anatomy & Neurobiology HHS-NIH-National Institute of Health	08/21/97- 06/30/98	4452 \$257,540
Electrophysiology of GnRH/NonGnRH Neurons	Dudek,F Edward Suter,Kelly J	Anatomy & Neurobiology HHS-PHS-Biol Basis Research in Neurosci	11/01/97- 12/31/98	4908 \$25,420
Modeling Gene Therapeutic Approaches in the SCID - hu Mouse	Akkina,Ramesh K	Pathology University of California-Los Angeles	05/01/97- 04/30/98	4353 \$63,747
HIV Pathogenesis & Gene Therapy in SCID-hu Mice	Akkina,Ramesh K	Pathology HHS-NIH-National Institute of Health	12/01/97- 11/30/98	4470 \$135,838
Niemann-Pick Type C: Investigations in a Feline Model	Thrall,Mary Anna Royals,Kyra L	Pathology HHS-PHS-Diabetes, Endocrin. & Metab. Res	01/01/98- 12/31/98	4912 \$29,600
Diagnosis of Canine Lymphoma by Analysis of Antigen Receptor Gene Rearrangement	Avery,Anne C Burnett,Robert C	Pathology AVMA-Amer Veterinary Medi Assoc Found	01/01/98- 12/31/98	5454 \$10,207
Post Doctor of Veterinary Medicine Trainee Position	Weiser,M Glade Cockerell,Gary L	Pathology Rhone-Poulenc Rorer	07/01/97- 06/30/98	6120 \$40,881
Mechanisms Regulating the Mid Luteal Phase Increase in Secretion of FSH in Cows	Nett,Torrance M	Physiology USDA-CSRS-CGP-Competitive Grants Program	09/15/97- 09/30/00	1432 \$182,779
Transcriptional Regulation of Placental Hormones	Anthony,Russell V Bowen,Richard A	Physiology USDA-CSRS-CGP-Competitive Grants Program	11/01/97- 10/31/99	1438 \$120,000
Augment the Existing NASA/Ames Research Center	Phillips,Robert W	Physiology NASA-ARC-Ames Research Center	11/01/97- 06/30/98	1955 \$57,769
Nerve Regeneration Screen	Ishii,Douglas N	Physiology Aurogen, Inc.	09/01/96- 12/31/97	6207 \$200
Sexing Mammalian Sperm by Flow Cytometry	Seidel,George E Jr	Physiology XY, Inc.	07/01/97- 06/30/98	6279 \$262,585
Reproductive Safety of Moxidectin Equine Gel in Breeding Stallions	Squires,Edward L	Physiology Fort Dodge Animal Health (old Cyanamid)	12/01/97- 09/01/98	6286 \$172,651
GnRH Analog Toxins: Use for Gonadal Inhibition	Nett,Torrance M	Physiology Gonex, Inc	08/01/97- 07/31/98	7519 \$41,000
Regulation of LH Receptors & Progesterone Secretion	Niswender,Gordon D	Physiology HHS-PHS-Population Research	12/01/97- 11/30/98	7637 \$163,345
Regulation of GnRH Receptor Gene Expression	Clay,Colin	Physiology HHS-PHS-Population Research	01/01/98- 12/31/98	7675 \$104,835
Molecular Cytogenetics of Canine Cancer	Larue,Susan M	Radiological Health Sciences Morris Animal Foundation	09/01/96- 08/31/98	5208 \$30,320

College: Veterinary Medicine & Biomedical Sciences – Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$ Amt.
Investigation of Tumor Cytogenetics & Biology of Feline Biology of Feline Vaccine Induced Sarcomas	Larue,Susan M	Radiological Health Sciences Morris Animal Foundation	10/01/97- 09/30/98	5453 \$9,777
Hypothermia & Perfusion Effects in Cancer Therapy	Gillette,Edward L	Radiological Health Sciences Duke University	08/19/96- 07/31/98	7512 \$166,359
Hypothermia & Perfusion Effects in Cancer Therapy	Gillette,Edward L	Radiological Health Sciences Duke University	08/19/96- 07/31/98	7513 \$37,526
Uncertainty Analysis of Neutron Dose Estimates for Former Workers at the DOE Rocky Flats...	Borak,Thomas B	Radiological Health Sciences DynCorp of Colorado, Inc.	07/01/97- 09/30/97	9336 \$43,731
Uncertainty Analysis of Neutron Dose Estimates for Former Workers at the DOE Rocky Flats...	Borak,Thomas B	Radiological Health Sciences DynCorp of Colorado, Inc.	07/01/97- 06/30/98	9336 \$54,785
Efficiency of a Biotic System for Remediating Radionuclide Contamination	Whicker,Floyd W	Radiological Health Sciences University of Georgia	07/01/97- 06/30/98	9337 \$24,273
Lead Research	Reif,John S	Environmental Health Colorado Dept Public Health & Environ	10/01/97- 09/30/98	0225 \$4,843
Lead Research	Reif,John S	Environmental Health Colorado Dept Public Health & Environ	10/01/97- 09/30/98	0226 \$51,685
Occupational Health & Safety Consultation Program	Buchan,Roy M	Environmental Health DOL-OSHA-Occupa. Safety & Health Admin.	10/01/97- 09/30/98	1022 \$524,000
Epidemiology of Vesicular Stomatitis in the W. Hemisphere: An Extension of Current Research	Salman,Mowafak D	Environmental Health USDA-Foreign Agricultural Service	10/01/97- 11/30/00	2042 \$46,819
Wire Coding	Reif,John S	Environmental Health Platte River Power Authority	12/01/97- 11/30/98	5358 \$9,948
Malignant Catarrhal Fever: An Important Threat to the Bison Community	Reif,John S	Environmental Health National Bison Association	10/01/97- 09/30/98	5365 \$7,000
Geographic Information System for Agricultural Chemicals Exposure	Nuckols,John R	Environmental Health Westat, Inc.	03/01/97- 12/31/01	7516 \$14,396
High Plains Intermountain Center for Agricultural Health & Safety (HI-CAHS)	Buchan,Roy M	Environmental Health HHS-Occup Safety/Health Research Grants	09/30/97- 09/29/98	7607 \$43,750
Arsenic-containing Mixtures in Angiosarcoma Induction	Pott,Wendy A	Environmental Health HHS-PHS-Cancer Research Manpower	02/01/98- 01/31/99	7748 \$45,737
ROS Biomarkers of Particulate Exposures (Response of Cells to Airborne Toxicants)	Cosma,Greg N	Environmental Health HHS-CDC-Centers for Disease Control	08/01/97- 09/20/98	7768 \$20,000
Integration of Mechanistic Carcinogenicity Studies with PBPK/PD Modeling ...	Yang,Raymond S H	Environmental Health HHS-PHS-Toxic Substances & Dis. Registry	09/30/97- 09/29/98	7769 \$210,669
Focus Groups with Children of Migrant Farm Workers	Darragh,Amy	Environmental Health HHS-NIH-NCI-National Cancer Institute	09/19/97- 04/30/98	7779 \$18,908
Oxygen Radical-mediated Gene Expression in Hepatocytes	Billings,Ruth E Miller,Danette R	Environmental Health HHS-NIH-Digestive Diseases & Nutri. Res.	09/01/97- 08/31/98	7954 \$29,900
Researching New Relationships between Government, Industry & the Education Community	Coulter,Gary R	Microbiology NASA-ARC-Ames Research Center	07/01/96- 06/30/98	1928 \$241,342

College: Veterinary Medicine & Biomedical Sciences – Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$ Amt.
Researching New Relationships between Government, Industry & the Education Community	Coulter,Gary R	Microbiology NASA-ARC-Ames Research Center	07/01/96- 09/30/98	1928 \$49,001
Researching New Relationships between Government, Industry & the Education Community	Coulter,Gary R	Microbiology NASA-ARC-Ames Research Center	11/01/97- 09/30/98	1928 \$244,463
Tuberculosis Epidemiology Center	Orme,Ian M	Microbiology Case Western Reserve University	09/30/94- 09/29/98	4310 \$96,184
Life Cycle Stages & Pathogenicity of M. Tuberculosis	Orme,Ian M	Microbiology Washington University, Missouri	09/01/97- 08/31/98	4311 \$27,812
Virus Expression Systems in Mosquito Biology	Beaty,Barry J	Microbiology University of Wisconsin	06/01/97- 05/31/98	4354 \$184,168
Aging & Immunity to Tuberculosis	Orme,Ian M	Microbiology HHS-PHS-Aging Research	01/01/98- 12/31/98	4431 \$229,081
Interference to Dengue Virus Replication in Mosquitoes	Blair,Carol D Olson,Kenneth E	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	04/01/97- 03/31/98	4441 \$22,904
Immunopathogenesis of Mycobacterium Avium Disease	Cooper,Andrea M	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	09/01/97- 08/31/98	4459 \$238,702
Longitudinal Studies of Rodent Reservoirs of Hantaviruses in the Southwestern U.S.	Beaty,Barry J	Microbiology HHS-CDC-Infectious Disease	09/30/97- 09/29/98	4465 \$54,676
Genetic Variation among Dengue Viruses in Mexico	Blair,Carol D Olson,Kenneth E	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	09/01/97- 08/31/98	4467 \$120,316
Analysis of M avium Wall Structures from AIDS Patients	Chatterjee,Delphi	Microbiology HHS-DRR-Fogarty International Center	09/30/97- 07/31/98	4468 \$25,200
Host Range Determinants of Mosquito Densonucleosis Viruses	Carlson,Jonathan O	Microbiology CRDF Civilian Rsrch & Dvlpmt Foundation	10/01/97- 09/30/98	5702 \$2,500
Growth of M. Tuberculosis	Belisle,John T	Microbiology Procept, Inc.	09/01/96- 08/31/98	6211 \$10,240
Options for Monitoring of Equine Diseases in the United States	Traub-Dargatz,Josie	Clinical Sciences USDA-APHIS-Ag & Plant Health Insp Service	10/01/97- 09/30/98	2064 \$37,000
Ogilvie Lymphoma Diet Research	Ogilvie,Gregory K	Clinical Sciences Hill's Pet Nutrition, Inc.	11/01/92- 01/01/98	5667 \$30,000
Effectiveness of Bone Repair Agents in an Osteopenic Sheep Model	Turner,Anthony Simon	Clinical Sciences Howmedica	08/25/97- 10/31/98	6032 \$51,405
Pharmacokinetics of Cisplatin Release in the Beagle from Atrigez Formulation	Dernell,William S	Clinical Sciences Atrix, Inc.	09/26/97- 09/25/99	6054 \$11,828
Suture Reinforcement to Supplement Adhesion in Articular Cartilage Grafting: A Pilot Study...	Turner,Anthony Simon	Clinical Sciences Sulzer Innotec, Winterthur, Switzerland	11/03/97- 05/03/98	6081 \$28,913
The Effect of a Biodegradable Polymer on Articular Cartilage Healing in Non-Exercised Horses...	McIlwraith,C Wayne Frisbie,David D	Clinical Sciences Atrix, Inc.	07/01/97- 06/30/98	6283 \$11,500

College: Other – Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$ Amt.
TEAM Grant	Wormal,Wendy	Athletics National Safety Council - TEAM Grants	08/20/97- 08/01/98	1051 \$10,017
INTERACTE Colorado: Interactive Access to Training & Education for Colorado	Maher,Thomas G	Instructional Services CCHE-Commission on Higher Education	07/01/97- 06/30/98	0118 \$200,000
Planning Trip to Turkey; Turkey EAWT Project	Niehaus,Merle H	International Research & Development CID-Consortium for Inter. Development	03/01/97- 10/30/97	9225 \$4,275
Planning Trip to Turkey; Turkey EAWT Project	Niehaus,Merle H	International Research & Development CID-Consortium for Inter. Development	03/01/97- 11/30/97	9225 \$11,013
Planning Trip to Turkey; Turkey EAWT Project	Niehaus,Merle H	International Research & Development CID-Consortium for Inter. Development	03/01/97- 11/30/97	9225 \$1,283
Northeast Colorado Regional Prevention Center	Steele,Douglas Poncelow,Stacy Diane	Cooperative Extension Colorado Department of Human Service	07/01/97- 06/30/98	0038 \$83,418
Food Stamp Nutrition Education Plan (FSNEP)	Bray,Colleen R Wilken,Karen K	Cooperative Extension Colorado Department of Human Service	10/01/97- 09/30/98	0099 \$986,904
Reduction of Pesticide Use in Colorado Commercial Greenhouses	Panter,Karen Lynn Newman,Steven E	Cooperative Extension Colorado Dept Public Health & Environ	06/01/97- 01/31/98	0210 \$11,340
Colorado STAND - Youth & Young Adult Driving under the Influence Prevention, Decreas...	Luevane,Carmen	Cooperative Extension Colorado Department of Transportation	10/01/97- 09/30/98	0212 \$163,833
DARE to be You Community Training	Miller-Heyl,Janet L	Cooperative Extension Colorado Dept Public Health & Environ	10/01/97- 09/30/98	0213 \$32,234
USDA Resource Conservation & Development Coordinator	Knop,Sheila	Cooperative Extension USDA-NRCS-Natural Resources Consvtn Srv	05/01/97- 09/30/98	2104 \$5,333
University of Alaska USDA/ARMY School Age & Teen Project	Rewerts,Milan A	Cooperative Extension University of Alaska at Fairbanks	09/10/97- 09/30/98	2202 \$1,291
Family Skill Building Workshops for Juvenile Diversion Criteria Youth & Parents	Miller-Heyl,Janet L	Cooperative Extension Montezuma County Partners, Inc.	11/04/97- 10/31/98	5364 \$18,546
Nutrition Education for Colorado Elderly	Bray,Colleen R	Cooperative Extension CompreCare Foundation	01/01/98- 12/31/98	5427 \$10,346
Sexual Assault Prevention through Peer Education: A Secondary & Post Secondary Model	Carrothers,Ruth A	Women's Program Div. of Criminal Justice/CO Dept Pub Saf	09/01/97- 03/31/98	0234 \$9,586
Southwestern Willow Flycatcher Survey	McNerney,Ralph B	Career Services DOI-Bureau of Reclamation	04/01/97- 09/30/98	1873 \$6,800
Southwestern Willow Flycatcher Survey	McNerney,Ralph B	Career Services DOI-Bureau of Reclamation	04/01/97- 09/30/98	1873 \$38,200
Ribozyme Cloning Project	McNerney,Ralph B	Career Services Ribozyme Pharmaceuticals, Inc.	05/26/97- 08/08/97	6247 \$2,956