

Office of Vice President for Research and Information Technology

Research Proposals Submitted

and

Research Awards Received

July - September 1997

Research Proposals Submitted *and* Research Awards Received

July 1997 - September 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 that normally fund on an annual basis are funding semi-annually or quarterly.
 4. Some competitive renewals have been denied.

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

AWARDS

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

Contents

Section I Historical Summaries

Proposals by Sponsor.....	2
Proposals by College for 12 Consecutive Months.....	4
Proposals by College for Current Quarter.....	6
Awards by Sponsor.....	10
Awards by College for 12 Consecutive Months.....	12
Awards by Sponsor for Current Quarter.....	14

Section II

Detailed List of Proposals Submitted for Current Quarter Sequential within College by Department Number.....	17
---	----

Section III

Detailed List of Awards Received for Current Quarter Sequential within College by Department Number.....	31
---	----

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

Please forward any comments, address changes or suggestions to:

Colorado State University

Sponsored Programs

Attention: Beth Wright

408 University Service Center

Fort Collins, Colorado 80523-2002

or send email to the following Internet Address: BWright@research.colostate.edu

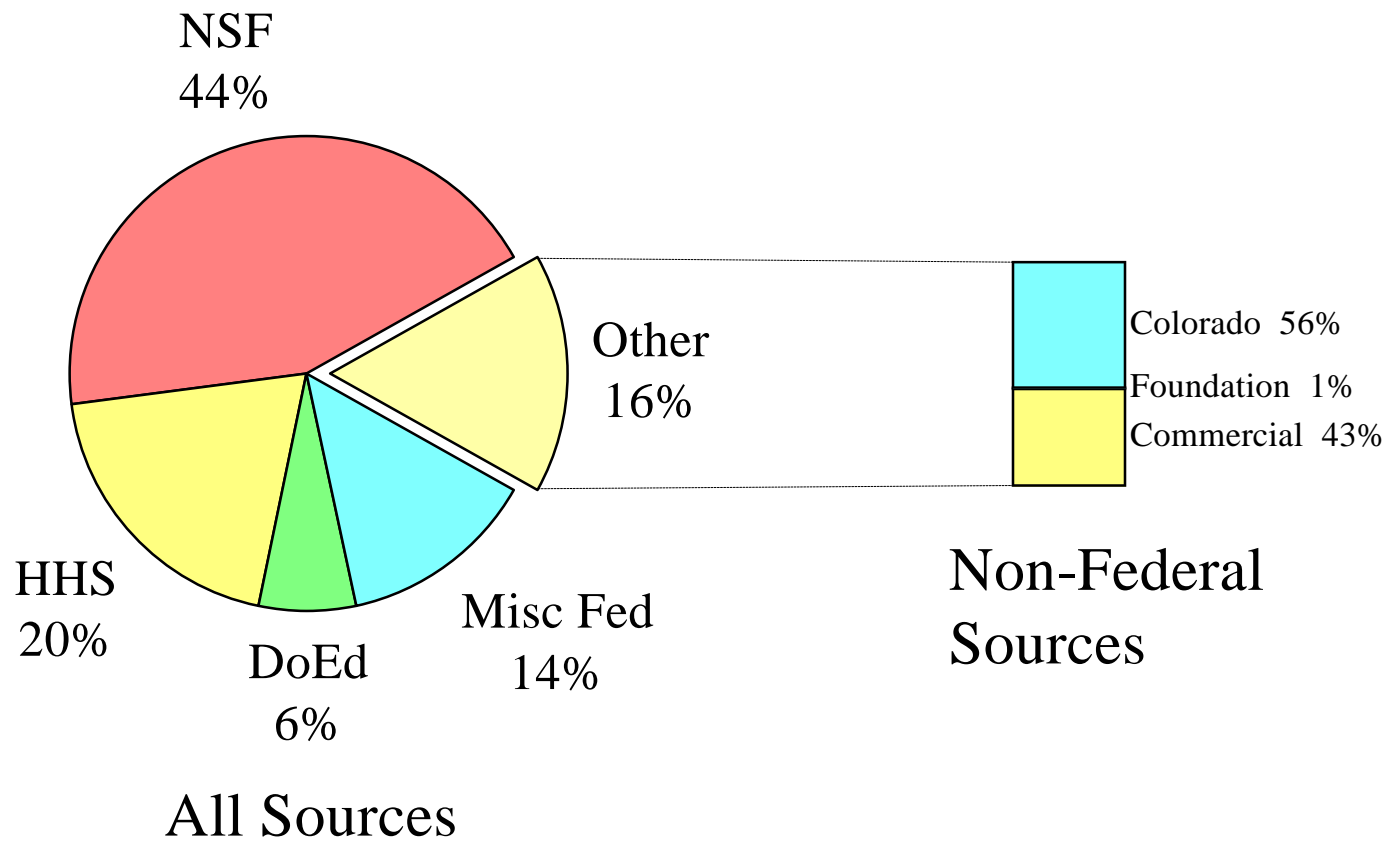
Section I

Historical Summaries

Historical and Current Quarter Proposal Summaries

Proposals by Fund Source

Quarter Ending September 1997



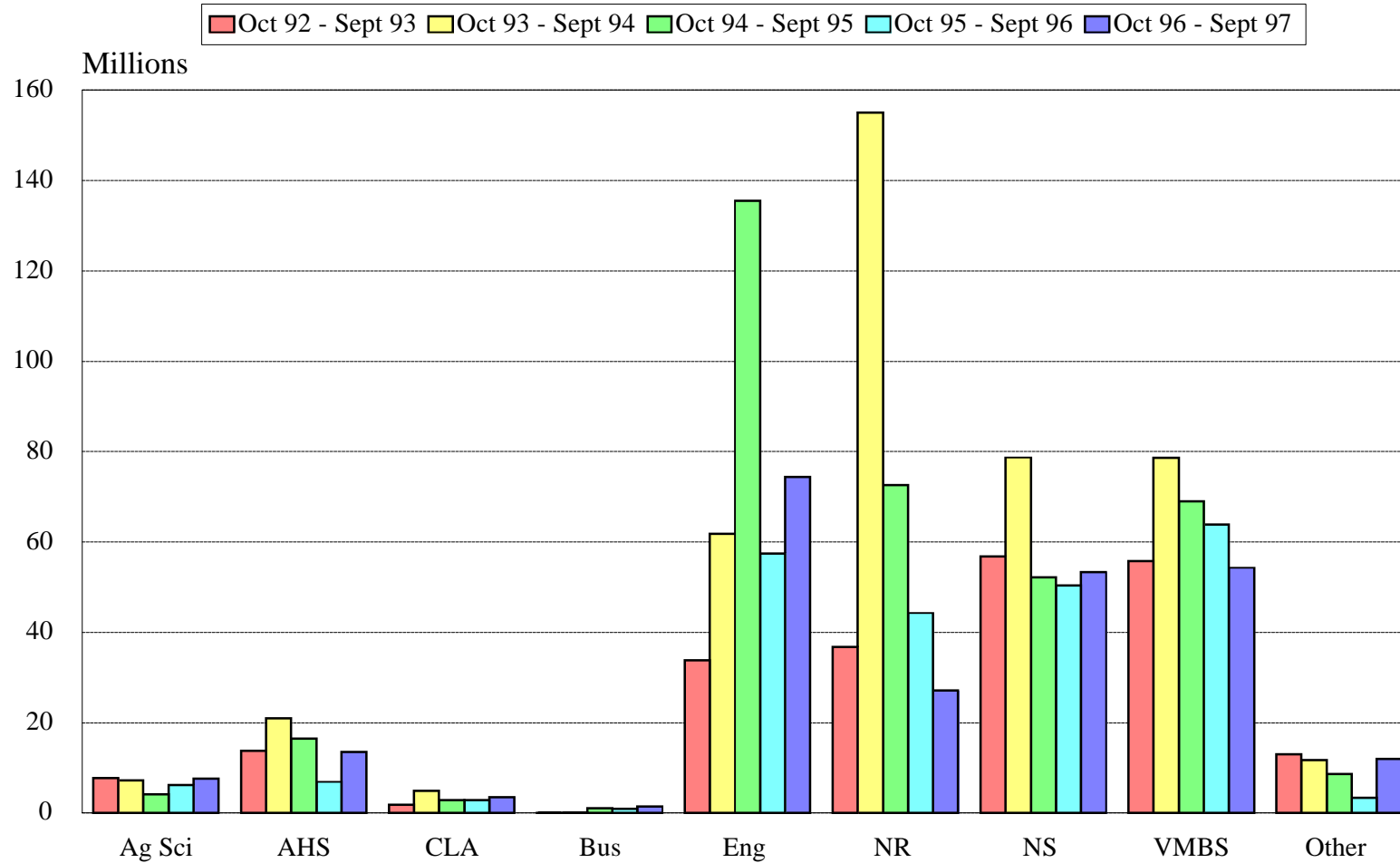
Comparison of Current Quarter Proposals to Same Quarter Previous Fiscal Years

Sponsor	#	1993-1994	#	1994-1995	#	1995-1996	#	1996-1997	#	1997-1998
Commercial and Non-Profit	48	\$ 3,706,718	40	\$ 2,932,300	38	\$ 4,726,936	34	\$ 8,061,188	39	\$ 6,919,908
Foundations	8	\$ 656,716	11	\$ 467,682	16	\$ 1,939,327	11	\$ 1,243,454	12	\$ 958,682
Institutes	0	\$0	1	\$ 210,420	2	\$ 147,055	0	\$0	0	\$0
State of Colorado	9	\$ 978,043	23	\$ 6,963,786	17	\$ 11,151,711	21	\$ 1,508,999	9	\$ 894,790
Subtotal of Non-Federal	65	\$ 5,341,477	75	\$ 10,574,188	73	\$ 17,965,029	66	\$ 10,813,641	60	\$ 8,773,380
USDA - Department of Agriculture	7	\$ 430,565	6	\$ 353,053	11	\$ 1,290,460	5	\$ 390,042	11	\$ 469,182
DOC - Department of Commerce	9	\$ 1,448,197	8	\$ 1,772,750	5	\$ 80,976,216	13	\$ 13,237,652	7	\$ 2,176,820
DOD - Department of Defense	22	\$ 3,019,620	25	\$ 9,372,641	16	\$ 2,474,468	24	\$ 5,258,238	8	\$ 2,425,753
DOE - Department of Energy	0	\$0	8	\$ 3,037,823	1	\$ 389,321	1	\$ 324,126	2	\$ 570,313
EPA - Environmental Protection Agency	4	\$ 875,040	5	\$ 1,285,333	1	\$ 20,540	4	\$ 139,075	1	\$ 87,500
HHS - Health & Human Services	21	\$ 11,618,290	22	\$ 14,819,217	15	\$ 10,078,614	30	\$ 19,108,496	15	\$ 10,821,282
USDI - Department of the Interior	3	\$ 1,491,530	4	\$ 959,650	2	\$ 35,650	8	\$ 846,579	10	\$ 400,566
NASA - National Aeronautics & Space Administration	1	\$ 94,500	5	\$ 1,685,843	0	\$0	3	\$ 590,998	2	\$670,650
NSF - National Science Foundation	25	\$ 7,313,197	30	\$ 9,681,267	33	\$ 10,867,963	21	\$ 8,576,299	36	\$ 23,867,753
Miscellaneous Federal	10	\$ 1,563,794	10	\$ 1,155,208	1	\$ 23,591	5	\$ 734,446	6	\$ 4,128,228
*** TOTAL ***	167	\$ 33,196,210	198	\$ 54,696,973	158	\$ 124,121,852	180	\$ 60,019,592	158	\$ 54,391,427

Please see Foreword for detail on this dollar total.

Proposals by College

Comparison of Consecutive 12 Months



October - September

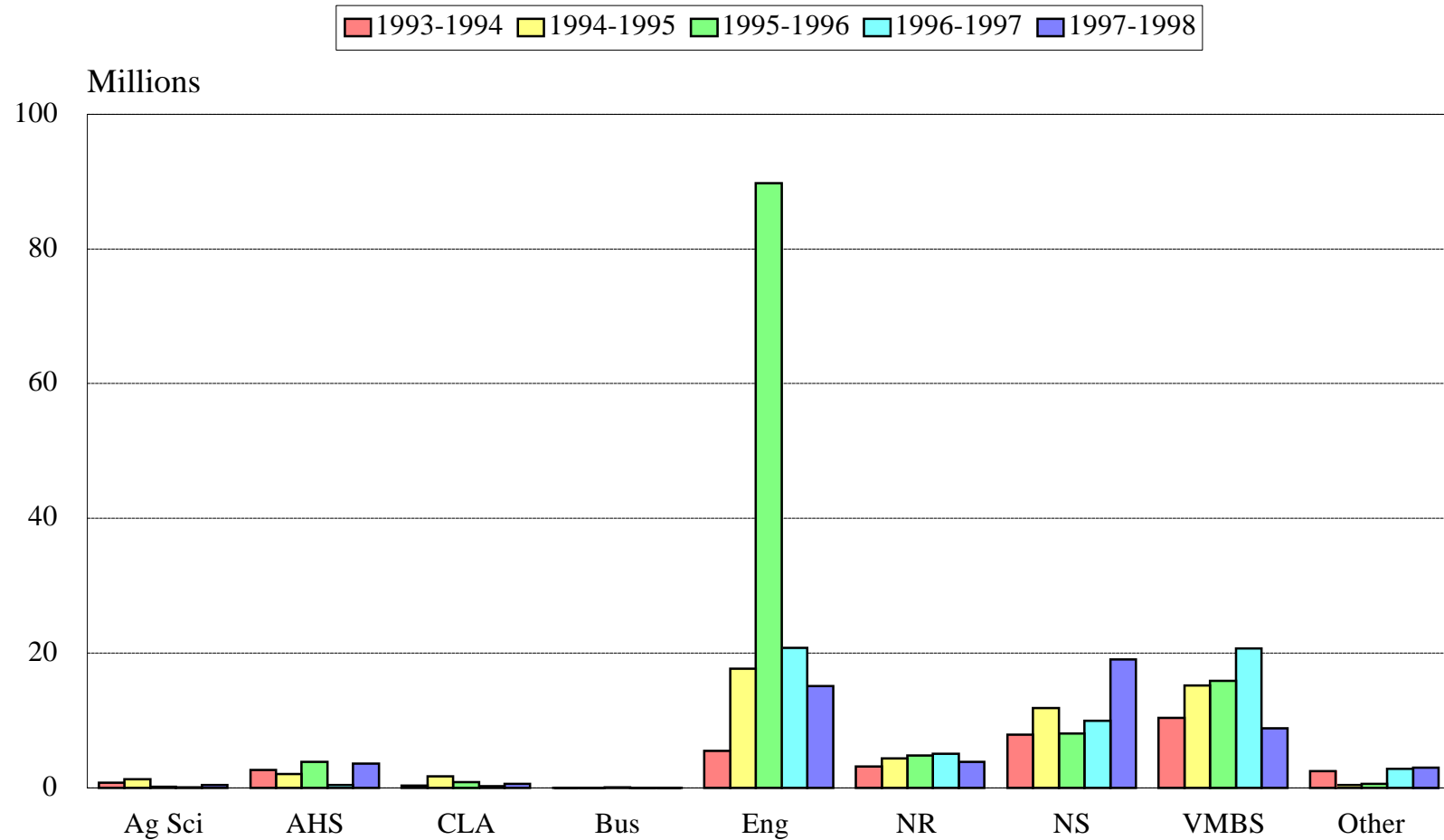
Comparison Consecutive 12 Months Proposals to Same Period Previous Years October - September

College	#	10/92 to 9/93	#	10/93 to 9/94	#	10/94 to 9/95	#	10/95 to 9/96	#	10/96 to 9/97
Ag Sci - Agricultural Sciences	68	\$ 7,797,580	60	\$ 7,280,415	43	\$ 4,156,006	39	\$ 6,229,860	44	\$ 7,599,310
AHS - Applied Human Sciences	57	\$ 13,804,526	76	\$ 21,010,188	40	\$ 16,438,808	40	\$ 6,921,130	40	\$ 13,506,532
CLA - Liberal Arts	23	\$ 1,855,470	17	\$ 4,895,219	11	\$ 2,851,826	24	\$ 2,831,464	18	\$ 3,555,336
Bus - Business	6	\$ 103,494	4	\$ 108,670	6	\$ 1,101,880	5	\$ 896,622	6	\$ 1,412,351
Eng - Engineering	180	\$ 33,847,293	205	\$ 61,852,027	201	\$ 135,485,185	188	\$ 57,413,462	186	\$ 74,361,465
NR - Natural Resources	94	\$ 36,812,451	107	\$ 155,065,239	143	\$ 72,617,813	124	\$ 44,279,954	110	\$ 27,094,619
NS - Natural Sciences	199	\$ 56,736,753	191	\$ 78,690,706	165	\$ 52,126,790	164	\$ 50,399,726	160	\$ 53,374,703
VMBS - Veterinary Medicine & Biomedical Science	143	\$ 55,756,226	185	\$ 78,640,155	169	\$ 69,063,801	188	\$ 63,804,556	185	\$ 54,283,787
Other - Other	60	\$ 13,046,059	47	\$ 11,696,674	39	\$ 8,642,294	18	\$ 3,388,404	32	\$ 11,942,591
*** TOTAL ***	830	\$ 219,759,852	892	\$ 419,239,293	817	\$ 362,484,403	790	\$ 236,165,178	781	\$ 247,130,694

Please see Foreword for detail on this dollar total.

Proposals by College for Quarter

Comparison of Proposal Submissions



July - September

Comparison of Current Quarter Proposals to Same Quarter Previous Fiscal Years

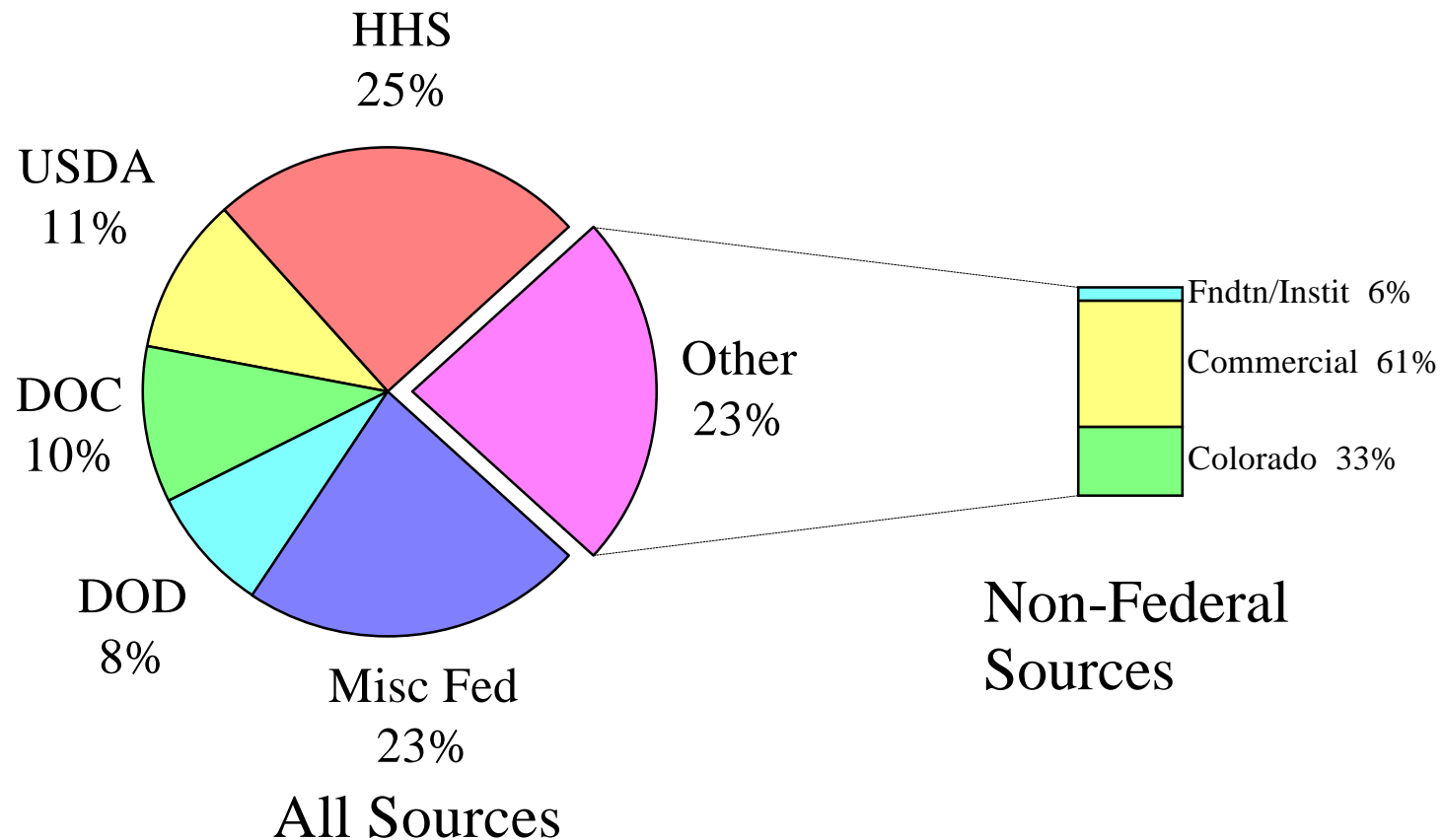
College	#	1993-1994	#	1994-1995	#	1995-1996	#	1996-1997	#	1997-1998
Ag Sci - Agricultural Sciences	12	\$ 760,349	12	\$ 1,301,498	4	\$ 198,397	3	\$ 84,647	8	\$ 438,407
AHS - Applied Human Sciences	13	\$ 2,665,843	21	\$ 2,074,691	9	\$ 3,829,667	10	\$ 431,162	10	\$ 3,604,073
CLA - Liberal Arts	7	\$ 331,463	7	\$ 1,719,692	3	\$ 889,819	6	\$ 224,877	4	\$ 573,995
Bus - Business	0	\$0	0	\$0	1	\$ 42,500	1	\$ 12,100	3	\$ 28,615
Eng - Engineering	32	\$ 5,456,775	58	\$ 17,719,622	40	\$ 89,736,668	44	\$ 20,747,379	46	\$ 15,079,534
NR - Natural Resources	17	\$ 3,190,788	14	\$ 4,363,946	29	\$ 4,795,289	30	\$ 5,026,459	20	\$ 3,817,072
NS - Natural Sciences	44	\$ 7,922,764	42	\$ 11,856,412	31	\$ 8,092,384	37	\$ 9,993,436	41	\$ 19,086,388
VMBS - Veterinary Medicine & Biomedical Science	26	\$ 10,380,238	34	\$ 15,219,547	37	\$ 15,912,083	40	\$ 20,698,162	23	\$ 8,797,850
Other - Other	16	\$ 2,487,990	10	\$ 441,565	4	\$ 625,045	9	\$ 2,801,370	3	\$ 2,965,493
*** TOTAL ***	167	\$ 33,196,210	198	\$ 54,696,973	158	\$ 124,121,852	180	\$ 60,019,592	158	\$ 54,391,427

Please see Foreword for detail on this dollar total.

Historical and Current Quarter Award Summaries

Awards by Fund Source

Quarter Ending September 1997



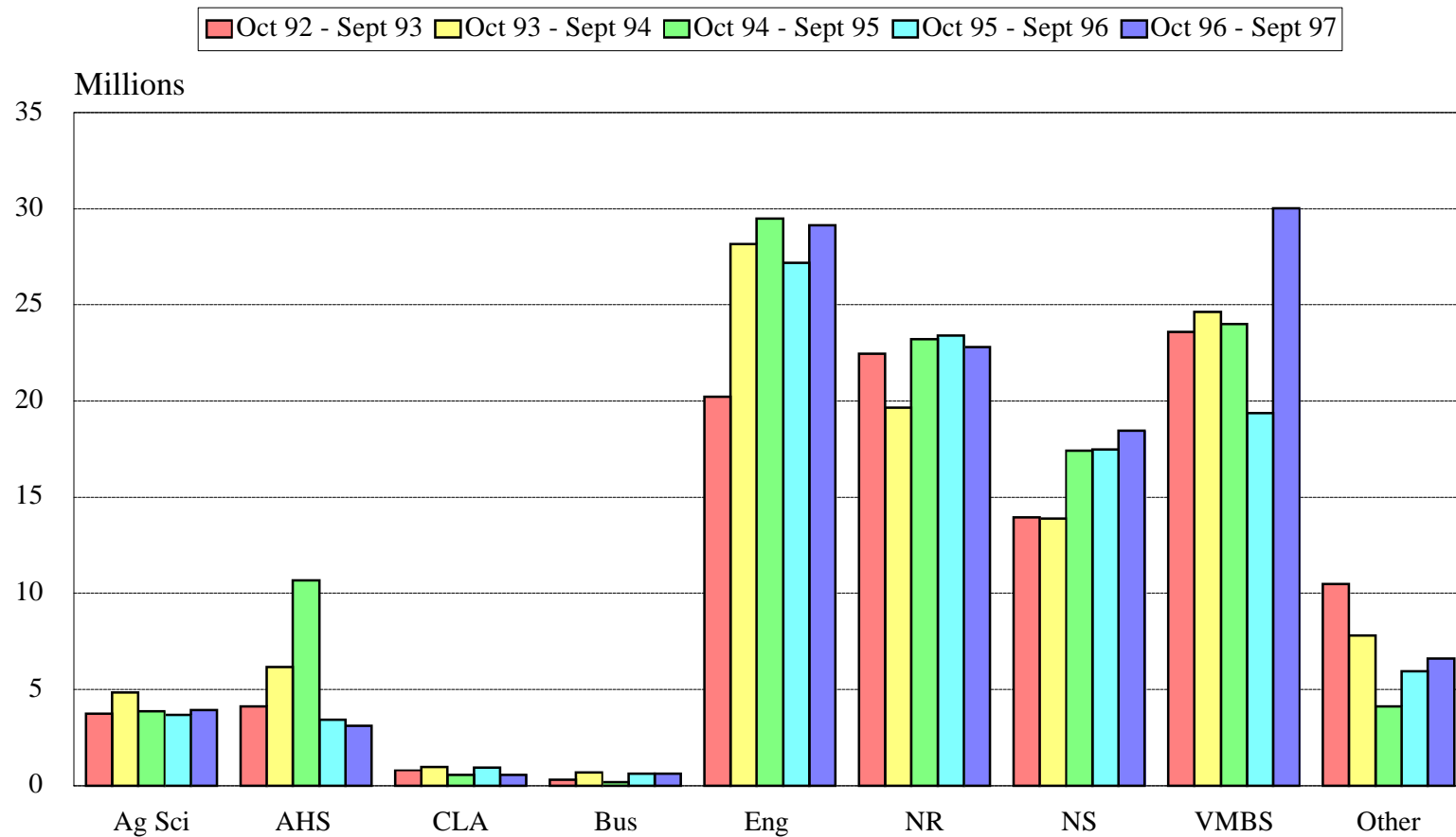
Comparison of Current Quarter Awards to Same Quarter Previous Fiscal Years

Sponsor	#	1993-1994	#	1994-1995	#	1995-1996	#	1996-1997	#	1997-1998
Commercial and Non-Profit	116	\$ 3,304,851	142	\$ 3,254,715	136	\$ 4,096,057	129	\$ 4,290,749	141	\$ 5,753,273
Foundations	5	\$ 218,294	13	\$ 324,420	5	\$ 35,710	9	\$ 169,603	10	\$ 413,392
Institutes	2	\$ 64,661	6	\$ 1,105,759	4	\$ 254,189	2	\$ 21,913	2	\$ 178,983
State of Colorado	39	\$ 1,450,025	51	\$ 6,240,377	55	\$ 10,208,063	52	\$ 2,966,723	48	\$ 3,149,478
Subtotal of Non-Federal	162	\$ 5,037,831	212	\$ 10,925,271	200	\$ 14,594,019	192	\$ 7,448,988	201	\$ 9,495,126
USDA - Department of Agriculture	76	\$ 4,980,755	71	\$ 4,780,343	74	\$ 3,020,821	86	\$ 4,007,137	61	\$ 4,259,606
DOC - Department of Commerce	7	\$ 441,315	10	\$ 1,802,006	11	\$ 2,655,655	18	\$ 2,162,472	12	\$ 4,116,873
DOD - Department of Defense	13	\$ 647,684	21	\$ 5,428,252	30	\$ 4,569,063	28	\$ 1,614,017	49	\$ 3,442,476
DOE - Department of Energy	16	\$ 1,350,787	11	\$ 956,937	12	\$ 1,455,803	11	\$ 1,444,220	10	\$ 780,348
EPA - Environmental Protection Agency	4	\$ 264,418	5	\$ 318,993	7	\$ 401,030	10	\$ 529,274	6	\$ 567,462
HHS - Health & Human Services	49	\$ 7,790,794	41	\$ 7,961,370	47	\$ 7,071,483	51	\$ 7,667,977	57	\$ 10,094,192
USDI - Department of the Interior	47	\$ 1,952,515	41	\$ 2,322,726	45	\$ 1,724,191	46	\$ 1,936,550	47	\$ 2,427,808
NASA - National Aeronautics & Space Administration	19	\$ 877,150	10	\$ 1,074,605	11	\$ 1,323,941	12	\$ 1,321,701	12	\$ 707,676
NSF - National Science Foundation	40	\$ 2,784,038	36	\$ 3,384,044	31	\$ 3,771,135	28	\$ 2,348,436	24	\$ 2,988,897
Miscellaneous Federal	11	\$ 1,005,100	17	\$ 2,522,605	6	\$ 1,265,516	8	\$ 877,083	11	\$ 1,692,412
*** TOTAL ***	444	\$27,132,387	475	\$ 41,477,152	474	\$ 41,852,657	490	\$ 31,357,855	490	\$ 40,572,876

Please see Foreword for detail on this dollar total.

Awards by College

Comparison of Consecutive 12 Months



October - September

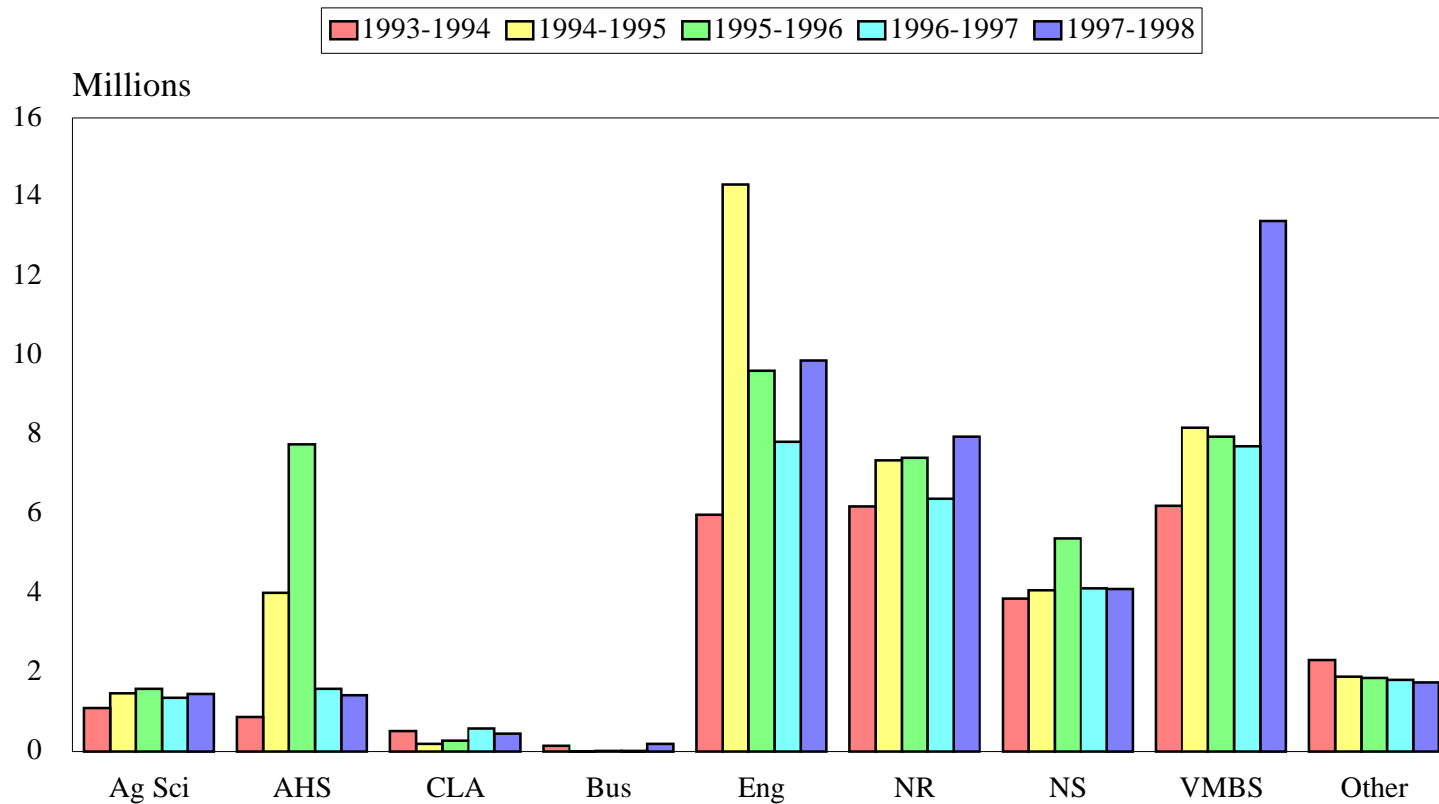
Comparison Consecutive 12 Months Awards to Same Period Previous Years
October - September

College	#	10/92 to 9/93	#	10/93 to 9/94	#	10/94 to 9/95	#	10/95 to 9/96	#	10/96 to 9/97
Ag Sci - Agricultural Sciences	155	\$ 3,754,681	203	\$ 4,841,268	217	\$ 3,877,579	193	\$ 3,665,759	172	\$ 3,932,135
AHS - Applied Human Sciences	61	\$ 4,131,569	91	\$ 6,178,771	101	\$ 10,662,429	89	\$ 3,429,786	57	\$ 3,117,444
CLA - Liberal Arts	18	\$ 790,431	16	\$ 961,230	15	\$ 572,235	23	\$ 927,969	11	\$ 567,425
Bus - Business	15	\$ 316,937	24	\$ 685,078	8	\$ 173,728	11	\$ 631,226	9	\$ 613,081
Eng - Engineering	324	\$ 20,231,056	362	\$ 28,161,460	352	\$ 29,476,013	348	\$ 27,189,183	310	\$ 29,137,866
NR - Natural Resources	319	\$ 22,454,714	330	\$ 19,653,215	348	\$ 23,227,887	403	\$ 23,407,112	355	\$ 22,798,752
NS - Natural Sciences	169	\$ 13,959,101	184	\$ 13,889,326	226	\$ 17,428,637	215	\$ 17,476,130	232	\$ 18,460,122
VMBS - Veterinary Medicine & Biomedical Sciences	201	\$ 23,592,496	235	\$ 24,623,775	230	\$ 24,011,449	248	\$ 19,359,952	273	\$ 30,013,508
Other - Other	153	\$ 10,482,792	109	\$ 7,787,622	92	\$ 4,109,038	84	\$ 5,944,601	98	\$ 6,608,206
*** TOTAL ***	1,415	\$ 99,713,777	1,554	\$ 106,781,745	1,589	\$ 113,538,995	1,614	\$ 102,031,718	1,517	\$ 115,248,539

Please see Foreword for detail on this dollar total.

Awards by College for Quarter

Comparison of Awards Received



July - September

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	51	\$ 1,097,978	70	\$ 1,462,347	72	\$ 1,588,063	53	\$ 1,353,313	57	\$ 1,444,744
AHS - Applied Human Sciences	16	\$ 872,109	21	\$ 4,005,065	21	\$ 7,759,386	27	\$ 1,587,413	23	\$ 1,413,476
CLA - Liberal Arts	9	\$ 506,786	7	\$ 193,274	5	\$ 276,044	12	\$ 578,432	5	\$ 447,693
Bus - Business	4	\$ 138,418	0	\$0	3	\$ 23,814	1	\$ 11,147	2	\$ 194,440
Eng - Engineering	112	\$ 5,970,924	120	\$ 14,315,070	87	\$ 9,607,510	103	\$ 7,816,167	93	\$ 9,875,911
NR - Natural Resources	110	\$ 6,184,582	112	\$ 7,355,170	123	\$ 7,418,003	146	\$ 6,382,252	129	\$ 7,952,095
NS - Natural Sciences	50	\$ 3,857,875	50	\$ 4,077,613	63	\$ 5,376,961	51	\$ 4,112,061	60	\$ 4,109,169
VMBS - Veterinary Medicine & Biomedical Sciences	55	\$ 6,200,005	73	\$ 8,177,384	71	\$ 7,950,307	81	\$ 7,704,379	97	\$ 13,398,593
Other - Other	37	\$ 2,303,710	22	\$ 1,891,229	29	\$ 1,852,569	16	\$ 1,812,691	24	\$ 1,736,755
*** TOTAL ***	444	\$27,132,387	475	\$ 41,477,152	474	\$ 41,852,657	490	\$ 31,357,855	490	\$ 40,572,876

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
FFA Program Revision for the Year 2001	Rask,Glen	Dean of Agricultural Sciences National FFA Organization	10/01/97- 12/01/98	97110001 \$15,805
Effects of Biosolids Application on Erosion Control & Ecosystem Recovery...	Barbarick,Kenneth A Redente,Edward F	Soil & Crop Sciences Environmental Protection Agency	07/01/97- 09/30/98	97083901 \$87,500
Beef Demand Study for Rocky Mountain Beef Cooperative	Sparling,Edward W	Agricultural & Resource Economics US Department of Agriculture	09/01/97- 03/31/98	97093301 \$20,000
Estimating the Change in Economic Value of Fire Effects on Forest Recreation	Loomis,John B	Agricultural & Resource Economics USDA-USFS-Pacific SW	09/01/97- 09/30/99	97098401 \$100,000
Barley Stripe Rust Variety Evaluation & Race Determination	Brown,William M Hill,Joseph P	Bioagric Sciences & Pest Mgmt US Department of Agriculture	01/01/98- 12/31/00	97098101 \$30,000
Functional Landscape Mapping of Clavibacter Michiganensis Subsp. Sepedonicus	Ishimaru,Carol A Knudson,Dennis L	Bioagric Sciences & Pest Mgmt USDA-CSRS-SRG-Special Research Grants	07/01/98- 06/30/99	97099101 \$53,710
Cooperative Agricultural Pest Survey 1998	Bjostad,Louis B	Bioagric Sciences & Pest Mgmt USDA-APHIS-Ag & Plant Health Insp Srvc	10/01/97- 09/30/98	97100601 \$99,892
Barley Stripe Rust Variety Evaluation & Race Determination	Brown,William M Hill,Joseph P	Bioagric Sciences & Pest Mgmt USDA-Foreign Agricultural Service	01/01/98- 12/31/00	97102501 \$31,500

College: Applied Human Sciences – Proposals

Title	Principal Investigator	Department / Sponsor Name	Dates	Key # / \$ Amt
Developmental & Relational Variables Associated with Prevention of Unplanned Pregnancy	Werner-Wilson,Ronald	Human Development & Family Studies HHS-CDC-Centers for Disease Control	09/30/97- 09/30/02	97095201 \$2,137,951
Psychosocial Influences on Adolescent Sexuality	Werner-Wilson,Ronald	Human Development & Family Studies HHS-PHS-Public Health Services	06/01/98- 05/31/01	97111501 \$221,519
Three Part Validation of a National Food Security Measure with Asians & Pacific Islanders	Anderson,Jennifer E Derrickson,Joda	Food Science & Human Nutrition US Department of Agriculture	09/01/97- 08/31/99	97076401 \$35,243
Food Stamp Nutrition Education Program - Integrated Nutrition Program	Auld,Garry W	Food Science & Human Nutrition Colorado Dept Public Health & Environ	10/01/97- 09/30/98	97090001 \$20,385
Nutrition Education Referral Plan	Taylor-Davis,Stephan Wilken,Karen K	Food Science & Human Nutrition March of Dimes Birth Defects Foundation	01/01/98- 12/31/98	97112601 \$14,895
Collaborative Training for Occupational Therapists & Educators in the Use of Assistive...	Spencer,Karen Clark	Occupational Therapy US Department of Education	08/01/98- 07/31/01	97111101 \$731,338
Reduction in Severity of Exercise-induced Asthma with Low Sodium Diet	Gotshall,Robert	Exercise & Sport Science USOC-United States Olympic Committee	01/01/98- 12/31/98	97097201 \$12,414
Aging, Dietary Antioxidants, & Systolic Hypertension	Gotshall,Robert Davy,Kevin	Exercise & Sport Science Novartis Foundation/Gerontological Rsrch	01/01/98- 12/31/98	97107401 \$50,000
Alternative Fuels Hotline	Wolff,Birgit H	Manufacturing Tech & Constrtn Mgmt BDM Petroleum Technology	08/15/97- 08/15/98	97093401 \$372,828
Issues in Implementing Standards & Assessments while Exercising Choice Options	Cobb,R Brian	School of Education CCHE-Commission on Higher Education	10/10/97- 06/30/98	97110901 \$7,500

College: Liberal Arts – Proposals

Title	Principal Investigator	Department / Sponsor Name	Dates	Key # / \$ Amt
Syria's Israelite Kings: A Translation of Ibn 'Asakir's Lives of Saul, David & Solomon	Lindsay,James	History NEH-DFS-Div. of Fellowships & Seminars	05/15/97- 07/15/98	97111301 \$4,000
Mice Can Roar: Small Island States in International Environmental Policy (Dissertation)	Stavis,Dimitris Shibuya,Eric Y	Political Science NSF-SBE-Social, Behav & Econ Sciences	06/01/98- 05/31/99	97095301 \$8,000
Evaluating Agricultural Association Safety Programs Injury Prevention Strategies	Zimmerman,Donald E	Journalism & Technical Communication HHS-CDC-Centers for Disease Control	09/01/97- 08/31/00	97081301 \$503,459
Developing a Research-Based Traffic Safety Communication Campaign for the CO DOT	Zimmerman,Donald E	Journalism & Technical Communication Corporate Communication Associates	11/01/97- 09/30/98	97102601 \$58,536

College: Business – Proposals

Title	Principal Investigator	Department / Sponsor Name	Dates	Key # / \$ Amt
Workshop: Communication Across the Curriculum	Jankovich,Jackie Van Leuven,James K	Business College CCHE-Commission on Higher Education	11/01/97- 06/30/98	97111001 \$7,482
Communication Audit	Lemay,Elaine A Jankovich,Jackie L	Management Schlumberger Dowell	08/16/97- 10/15/97	97089701 \$9,533
Adoption of Community Service Learning as a Classroom Innovation: The Effect of Faculty...	Tucker,Mary McCarthy,Anne	Management Spencer Foundation	01/01/98- 12/31/98	97107301 \$11,600

College: Engineering – Proposals

Title	Principal Investigator	Department / Sponsor Name	Dates	Key # / \$ Amt
Spatial Optimization Model Coupled with a Geographic Information System for Crop Planning	Garcia,Luis	Chemical & Bioresource Engineering BARD-Binational Agri. Res. & Devel. Fund	01/01/98- 12/31/00	97099901 \$144,184
Thermal Transport Phenomena of Materials Deposition in Layer Manufacturing	Dandy,David	Chemical & Bioresource Engineering Arizona State University	01/01/98- 12/31/00	97103301 \$386,972
Reactive Compatibilization of Immiscible Polymer Blends via Transmission	Belfiore,Laurence A	Chemical & Bioresource Engineering Dow Corning, Corp.	11/01/97- 10/31/98	97107801 \$46,498
Airborne Observations of Hurricanes: Model Sensitivity Tests, Flight Planning...	Pielke,Roger A Nicholls,Melville E	Atmospheric Science Simpson Weather Associates, Inc.	05/01/97- 04/30/00	97083501 \$221,912
Toward a Global, Interactive, Nested-Grid Cloud Forecasting Model	Cotton,William R	Atmospheric Science DOD-USAF-Office of Scientific Research	02/01/98- 01/31/01	97083601 \$313,413
Report Describing the Snowfall & Snow Pack Density for the United States	McKee,Thomas B	Atmospheric Science DOI-Bureau of Reclamation	08/01/97- 09/30/98	97089601 \$15,000
Development of a Next-Generation Atmospheric General Circulation Model	Randall,David A	Atmospheric Science DOE-Office of Energy Research	12/01/97- 11/30/00	97091401 \$470,552
Tropical Tropospheric Dynamics	Schubert,Wayne H	Atmospheric Science NSF-GEO-Geosciences	02/01/98- 01/31/01	97093201 \$480,731
Continued Study of the Influence of Landscape on Boundary Layer & Mesoscale Processes	Pielke,Roger A	Atmospheric Science NSF-GEO-Geosciences	02/01/98- 01/31/03	97099201 \$744,341
Freezing Characteristics of Soot/Sulfate Aerosols	Demott,Paul J Rogers,David C	Atmospheric Science National Aeronautics & Space Admin.	01/01/98- 12/31/99	97100801 \$186,925
Theoretical Studies in Non-Axisymmetric Vortex Adjustment & an Observational Examination...	Montgomery,Michael T	Atmospheric Science NSF-GEO-Geosciences	04/01/98- 03/31/01	97108401 \$411,119
GEWEX Cloud & Radiation Mission	Stephens,Graeme L	Atmospheric Science Calif. Inst. of Tech/Jet Propulsion Lab	09/01/97- 05/01/98	97112501 \$25,000
Institute for Civil Infrastructure Systems	Grigg,Neil S Fontane,Darrell G	Civil Engineering NSF - Engineering Grant	06/01/98- 05/31/04	97080901 \$4,992,092
Improved Design of Manufactured Homes for Hazardous Winds	Criswell,Marvin E	Civil Engineering University of Wyoming	01/01/98- 09/30/00	97090401 \$147,016
Identification of Alternatives for Long-term Operation of North Boundary System	Warner,James W	Civil Engineering DOD-ARMY-Rocky Mountain Arsenal	09/01/97- 07/15/98	97092901 \$176,100
Participating Employee Assignment Agreement - Turner-Fairbank Highway Research Center.	Bienkiewicz,Bogusz J	Civil Engineering DOT-Federal Highway Administration	09/01/97- 08/31/98	97093101 \$101,066
Numerical Model Study Sediment Basin at Head of Passes	Gessler,Daniel	Civil Engineering DOD-ARMY-Corps of Engineers	10/01/97- 03/30/98	97097801 \$49,762
Incorporation of Medium- & Long-range Forecasts of Climate into Water Resource Decision...	Ramirez,Jorge A	Civil Engineering Riverside Technology, Inc	04/01/98- 03/31/01	97098701 \$120,338
Leak Detection Testing for Underground Pressurized Facility Piping	Ruff,James F	Civil Engineering American Petroleum Institute	10/01/97- 03/01/99	97103401 \$389,035
Studies of Micromechanics & Defects in Materials	Heyliger,Paul R	Civil Engineering NSF-MPS-Mathematical & Physical Sciences	08/01/98- 08/01/99	97108201 \$75,000

College: Engineering – Proposals

Title	Principal Investigator	Department / Sponsor Name	Dates	Key # / \$ Amt
Methodologies for Design of Soil Covers	Abt,Steven R	Civil Engineering Nuclear Regulatory Commission	10/01/97- 12/31/97	97108301 \$39,861
Impulse Excitation Apparatus for Anisotropic Material Characterization	Heyliger,Paul R	Civil Engineering NSF - Engineering Grant	05/01/98- 12/31/99	97108501 \$17,988
Robust Learning Control with Application to Intelligent Building Systems	Young,Peter	Electrical Engineering NSF - Engineering Grant	05/01/98- 04/30/02	97080601 \$200,000
Real-time Target Detection, Classification & Tracking in High Clutter using High Clut...	Azimi-Sadjadi,Mahmoo	Electrical Engineering DOD-USAF-Wright Patterson AFB	01/01/98- 12/31/99	97092001 \$278,475
Analysis of Fully Polarimetric CSU-CHILL Radar Signatures with Surface & Airborne Hydro...	Bringi,Viswanathan N Hubbert,John	Electrical Engineering NSF-GEO-Geosciences	02/01/98- 12/31/00	97094401 \$336,180
Development & Testing of an Averaging Moisture Meter for Non-destructive Testing...	Zoughi,Reza	Electrical Engineering Intermodel Equipment Consulting	06/01/98- 12/31/98	97102701 \$21,606
REU in Electrical Engineering Focused Around the CSU-CHILL Polarimetric/Doppler Radar...	Chandrasekar,V	Electrical Engineering NSF - Engineering Grant	03/01/98- 05/01/01	97103201 \$205,573
CSU-CHILL Radar Facility for Polarimetric Studies of Precipitation & Evaluation...	Bringi,Viswanathan N Chandrasekar,V	Electrical Engineering DOD-USAF-Office of Scientific Research	02/01/98- 01/31/01	97105401 \$335,675
Feasibility Study of Near-Field Microwave NDT Methodology for Rubber Hose Inspection...	Zoughi,Reza	Electrical Engineering Texas Research Institute (NTIAC)	07/01/98- 12/31/98	97112701 \$23,280
High Throughput Manufacturing of High Efficiency Solar Cells	Sampath,Walajabad S Barth,Kurt	Mechanical Engineering US Department of Energy	10/01/97- 10/01/98	97080201 \$99,761
A Distributed Wave Guide Sensor	Peterson,Michael	Mechanical Engineering NSF-Biological Centers	07/01/98- 07/01/92	97085301 \$199,999
High Performance Connection for Colorado State University	Burns,Patrick J	Mechanical Engineering NSF-CISE-Computer & Info Sci & Engin	01/01/98- 12/31/99	97086001 \$365,640
Solar Energy System Development	Duff,William S	Mechanical Engineering Sun Utility Network	07/01/97- 12/31/97	97089201 \$33,179
Plasma Enhanced Close Space Sublimation for Continuous Deposition of Cdte Solar Cells	Sampath,Walajabad S Barth,Kurt	Mechanical Engineering Midwest Research Institute - NREL	02/01/98- 02/01/01	97091501 \$395,255
Development of an Energy Management Control System for Hybrid-Electric Shuttle Buses	Willson,Bryan D	Mechanical Engineering CAMI-Advanced Materials Institute/Colo.	09/01/97- 08/31/98	97095601 \$75,000
User Support, Maintenance, Documentation & Enhancements to MONT3D	Burns,Patrick J	Mechanical Engineering Univ. California-Lawrence Livermore Lab	10/01/97- 09/30/98	97098001 \$38,183
Northern Colorado Manufacturing Competitiveness Infrastructure Project	Troxell,Wade O Cherian,Sunil	Mechanical Engineering CATI-Colo. Advanced Technology Institute	10/01/97- 06/30/98	97106201 \$53,699
Investigation of Pulsed CVD Filling of Capillaries	Peterson,Michael Radford,Donald W	Mechanical Engineering NSF - Engineering Grant	07/01/98- 07/01/01	97111401 \$296,711
Separating Mechanisms of Manufacturing Distortion in Fiber Reinforced Composite Materials	Radford,Donald W	Mechanical Engineering NSF - Engineering Grant	07/01/98- 06/30/01	97111601 \$277,014
GOES Science Improvements	Vonderhaar,Thomas H	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	08/01/97- 12/31/01	97084801 \$750,000

Title	Principal Investigator	Department / Sponsor Name	Dates	Key # / \$ Amt
Predictability in Well Posed Regional Mesoscale Models	Browning,Gerald L	CIRA DOD-USAF-Air Force	09/01/97- 08/31/00	97090701 \$422,502
Convective & Boundary-Layer Processes in the Vicinity of the S. China Sea during the Ons...	Johnson,Richard H	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	04/01/98- 03/31/01	97094601 \$242,647
Quasi-Biennial Variability & Climate Forecasting	Gray,William M Cotton,William R	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	05/01/98- 04/30/00	97094901 \$198,596
Impact of Clouds on Nitrogen Species & Ozone in the NARE Boundary Layer	Kreidenweis,Sonia M Feingold,Graham	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	04/01/98- 03/31/01	97095001 \$407,010
Air-Sea Interactions in the Tropical Pacific & Indian Oceans	Randall,David A Jensen,Tommy G	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	04/01/98- 03/31/01	97095101 \$230,044
CIRA Activities & Participation in DMSP Satellite Processing & Analysis	Vonderhaar,Thomas H Eis,Kenneth E	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	07/01/97- 06/30/98	97099001 \$38,600

College: Natural Resources – Proposals

Title	Principal Investigator	Department / Sponsor Name	Dates	Key # / \$ Amt
Cultural Resource Management Support at Eglin Air Force Base	Shaw,Robert B	Forest Sciences DOI-NPS-National Park Service	10/01/97- 09/30/98	97089101 \$102,644
Community Analysis & Monitoring, Pulaski National Monument, Georgia	Shaw,Robert B	Forest Sciences DOI-NPS-National Park Service	10/01/97- 09/30/98	97098601 \$73,064
Contaminants & Endocrine Disruption in Fish	Beyers,Daniel W	Fishery & Wildlife Biology DOI-USGS-Geological Survey	07/01/97- 12/31/98	97080701 \$29,832
Use of Fish & Macroinvertebrates to Assess the Toxicity of Metals in the Animas River, Colorado	Flickinger,Stephen A Nimmo,Del Wayne R	Fishery & Wildlife Biology DOI-USGS-Geological Survey	08/01/97- 09/30/98	97081101 \$15,000
Toxicity Tests on Leachate for Mine Waste Characterization	Flickinger,Stephen A Nimmo,Del Wayne R	Fishery & Wildlife Biology DOI-USGS-Geological Survey	08/01/97- 09/30/98	97082001 \$8,000
Non-Lethal Methods for Reducing Conflicts with Rodents	Andelt,William F	Fishery & Wildlife Biology USDA-APHIS-Ag & Plant Health Insp Srvc	08/19/96- 12/31/98	97089301 \$18,000
Resolving Conflicts with Wildlife	Andelt,William F	Fishery & Wildlife Biology USDA-APHIS-Ag & Plant Health Insp Srvc	08/19/97- 08/18/98	97089401 \$5,000
Wetland Ecosystem Dynamics & Biodiversity in the San Luis Valley	Cooper,David J	Fishery & Wildlife Biology Mellon Foundation	04/01/98- 05/01/01	97107201 \$70,835
Remote Sensing & GIS Analysis of Biomass & Carbon Dynamics in Primary & Secondary Forest	Trlica,Milton J Dean,Denis J	Rangeland Ecosystem Science National Aeronautics & Space Admin.	09/01/97- 08/31/00	97077101 \$483,725
Research Experience for Undergraduates (REU) Site Proposal	Wasser,Christopher J Burke,Ingrid C	Rangeland Ecosystem Science NSF-Biological Centers	03/01/98- 02/28/03	97103601 \$192,963
Exploring Shifts in Value Orientations toward the Natural Environment	Manfredo,Michael J	Nat Resource Recreation & Tourism US Department of Agriculture	08/15/97- 08/15/00	97094501 \$29,018
Recreation Management of Western Water	Haas,Glenn E	Nat Resource Recreation & Tourism DOI-Bureau of Reclamation	09/30/97- 09/30/99	97098801 \$20,000
Chemical Weathering in Granitic Channels of India & the United States	Wohl,Ellen E Sutton,Sally J	Earth Resources NSF-SBE-Social, Behav & Econ Sciences	12/01/97- 12/31/98	97098901 \$23,775
Short-term Training Course in Snow Hydrology	Smith,Freeman M Boyne,Harold S	Earth Resources Winrock International	12/29/97- 02/09/98	97102901 \$15,788
Spatial Ecosystem Modeling of Yellowstone Bison & their Environments	Coughenour,Michael B	Natural Resource Ecology Lab DOI-USGS-Geological Survey	06/01/97- 05/31/02	97085601 \$113,034
Ecological Studies of the Jackson Bison & Elk Herds	Singer,Francis J Elliott,Edward T	Natural Resource Ecology Lab DOI-USGS-Geological Survey	06/01/97- 05/31/98	97089501 \$13,992
Integrated Modeling & Assessment for Balancing Food Security, Conservation, & Ecosystem...	Coughenour,Michael B Galvin,Kathleen	Natural Resource Ecology Lab University of California at Davis	10/01/97- 09/30/03	97091801 \$1,162,220
Integrated Modeling & Assessment for Balancing Food Security, Conservation & Ecosystem...	Coughenour,Michael B Galvin,Kathleen A	Natural Resource Ecology Lab University of California at Davis	10/01/97- 09/30/03	97091901 \$888,189
Uses of Climate Forecast Information in the Livestock Sector of the Arid Regions of S. Africa	Galvin,Kathleen Ellis,James E	Natural Resource Ecology Lab DOC-NOAA-Natl Oceanic & Atmospheric Admn	04/01/98- 03/31/01	97094701 \$309,923
Ecosystem & Landscape Interactions in Alaskan Geese Grazing Systems	Coughenour,Michael B	Natural Resource Ecology Lab University of Alaska at Fairbanks	01/01/98- 12/31/02	97099801 \$242,070

College: Natural Sciences – Proposals

Title	Principal Investigator	Department / Sponsor Name	Dates	Key # / \$ Amt
K2 Reach/Teach: Keystone Kids as Researchers with Teachers Project	Stein,Fredrick M Jones,Christine S	Center for Science, Math & Tech Edu NSF-EHR-Education & Human Resources	03/01/98- 02/28/01	97100001 \$747,873
Biomolecular Reaction Dynamics	Schenck,Craig C	Biochemistry & Molecular Biology HHS-NIH-National Institute of Health	04/01/98- 03/31/02	97076301 \$860,413
Analytical Ultracentrifuge	Lumb,Kevin J	Biochemistry & Molecular Biology NSF-Biological Centers	02/01/98- 01/31/99	97086101 \$168,813
Scanning Probe Microscopy of Membrane Proteins	Schenck,Craig C Parkinson,Bruce Alan	Biochemistry & Molecular Biology NSF-Biological Centers	01/01/98- 12/31/01	97088901 \$359,574
TBP in Activated Transcription After Recruitment to TATA (yeast)	Stargell,Laurie	Biochemistry & Molecular Biology HHS-NRSA-Nat. Research Service Award	01/01/98- 12/31/00	97089801 \$91,200
Designing & Synthesizing Glutaminase Inhibitor	Curthoys,Norman P	Biochemistry & Molecular Biology Neurex Corporation	04/01/98- 03/31/00	97100701 \$90,298
Inactivation of Biological Toxins by Photosensitization (Photo-oxidation) Methods	Tu,Anthony T	Biochemistry & Molecular Biology DOD-ARPA-Advanced Research Proj. Agency	01/01/98- 12/31/00	97100901 \$771,718
Mechanism of Transcriptional Activation	Lumb,Kevin J	Biochemistry & Molecular Biology Arnold & Mabel Beckman Foundation	07/01/98- 06/30/00	97108601 \$200,000
Functional Analysis of TFIIA in Vivo	Stargell,Laurie Ann	Biochemistry & Molecular Biology Searle Scholars Program	07/01/98- 07/01/01	97108801 \$180,000
Membrane Proteins: Structure, Dynamics & Stability	Schenck,Craig C	Biochemistry & Molecular Biology HHS-NIH-Nat Inst of General Medical Sci	07/01/98- 06/30/02	97112101 \$1,523,832
Role of TBP in Activated Transcription after Recruitment to the TAT Box	Stargell,Laurie	Biochemistry & Molecular Biology American Cancer Society	07/01/98- 06/30/01	97112901 \$78,000
Theoretical Studies of Selective Alkene Oxidation	Rappe,Anthony K	Chemistry NSF-MPS-Mathematical & Physical Sciences	01/01/98- 12/31/01	97081501 \$264,086
Immiscible Microstructures & Lateral Mobility in Binary Mixed Hydrocarbon/Perfluoro...	Grainger,David W	Chemistry American Chemical Society	09/01/97- 08/31/99	97083801 \$50,000
Preparation, Testing & Developing Novel Compounds Based on Redox Potential as Oral Therapy...	Crans,Debbie C	Chemistry Bayer Corporation	11/01/97- 10/31/98	97084901 \$72,544
Mechanistic & Synthetic Studies of an Environmentally Benign Asymmetric Epoxidation	Shi,Yian	Chemistry NSF-MPS-Mathematical & Physical Sciences	03/01/98- 02/28/03	97085101 \$495,101
Plasma Modification of Hydrophobic Membranes	Fisher,Ellen R	Chemistry University of Colorado	01/01/98- 12/31/00	97093501 \$90,000
Designing & Synthesizing Glutaminase Inhibitor	Shi,Yian	Chemistry Neurex Corporation	10/01/98- 09/30/00	97094801 \$95,046
Dioxiranes for Asymmetric Epoxidation	Shi,Yian	Chemistry Research Corporation / Foundation	06/01/98- 05/31/00	97097901 \$50,000
Tissue Engineering to Regenerate Orofacial Bone	Grainger,David	Chemistry Oregon Health Sciences University	04/01/98- 03/31/03	97098301 \$288,169
Transition Metals in Organic Synthesis	Hegedus,Louis S	Chemistry NSF-MPS-Mathematical & Physical Sciences	04/01/98- 03/31/01	97102801 \$519,390

College: Natural Sciences – Proposals

Title	Principal Investigator	Department / Sponsor Name	Dates	Key # / \$ Amt
The Asymmetric Synthesis of Alpha-Amino Acids	Williams,Robert M	Chemistry NSF-MPS-Mathematical & Physical Sciences	12/01/97- 11/30/00	97103101 \$527,848
Development of an Interactive CD-ROM for the Teaching of Solid State Chemistry	Dorhout,Peter K	Chemistry Camille & Henry Dreyfus Foundation	08/01/98- 07/31/00	97107001 \$41,886
Interfacial Structures of Pulmonary Surfactant	Grainger,David	Chemistry Oregon Health Sciences University	07/01/98- 06/30/03	97108001 \$389,335
Mechanisms for Plasma Modification of Hard Surface Coatings	Fisher,Ellen R	Chemistry American Chemical Society	03/01/98- 08/31/01	97108701 \$90,000
Development & Application of Oligonucleotide Synthesis Methods	Greenberg,Marc M	Chemistry NSF-MPS-Mathematical & Physical Sciences	06/01/98- 05/31/01	97110601 \$444,085
Spectroscopy of Water Motion at Biological Interfaces	Levinger,Nancy E	Chemistry HHS-NIH-Nat Inst of General Medical Sci	07/01/98- 06/30/03	97111901 \$765,776
Computer Vision as an Integration & Control Problem	Draper,Bruce	Computer Science NSF-CISE-Computer & Info Sci & Engin	08/15/98- 08/14/93	97085401 \$278,335
Adaptive Analysis & Hybrid Optimization Techniques for Efficient Compilation of Object...	Gupta,Sandeep K	Computer Science NSF-CISE-Computer & Info Sci & Engin	08/15/98- 08/14/03	97085501 \$289,600
Computationally Intensive Studies in Scheduling & Computer Vision	Whitley,L Darrell Howe,Adele	Computer Science DOD-USAF-Office of Scientific Research	03/02/98- 12/31/00	97095501 \$78,108
Articulation, Assessment, & Placement Issues in Mathematics	Hardy,Darel W	Mathematics CCHE-Commission on Higher Education	10/01/97- 05/31/98	97110801 \$7,986
Device Physics of Thin-Film Polycrystalline Solar Cells	Sites,James R	Physics Midwest Research Institute - NREL	01/01/98- 12/31/00	97091301 \$402,410
Tau Physics at PEP-II/BaBar	Harton,John	Physics Research Corporation / Foundation	05/01/98- 05/01/03	97097701 \$50,000
Material Research Science & Engineering Center	Hochheimer,Hans D Gelfand,Martin P	Physics NSF-MPS-Mathematical & Physical Sciences	06/01/98- 05/31/03	97100401 \$3,958,575
Microwave/Optical Spectroscopy of Helium & H2 Rydberg States	Lundeen,Stephen R	Physics NSF-MPS-Mathematical & Physical Sciences	08/01/98- 07/31/01	97103001 \$542,330
Light Force Manipulation of Group III Atoms	Lee,Siu Au	Physics NSF-MPS-Mathematical & Physical Sciences	09/01/98- 08/31/00	97108101 \$323,520
Values & Science Among American Indians	James,Keith	Psychology NSF-SBE-Social, Behav & Econ Sciences	04/01/98- 03/31/01	97089001 \$203,279
Continued Development of Bowhead Aboriginal Whaling Management Procedures	Givens,Geof H	Statistics Alaska Department of Wildlife Management	08/15/97- 06/30/98	97091601 \$59,997
Mapping Recombination Nodules on Synaptonemal Complexes of Maize	Stack,Stephen	Biology NSF-Biological Centers	03/01/98- 02/28/02	97081801 \$385,316
The Evolution of Ovocide, a Polymorphic Behavior in an Antisocial Parasitoid Wasp	Antolin,Michael F	Biology NSF-Biological Centers	01/01/98- 12/31/00	97081901 \$313,376
Pattern Formation & Dorsiventral Development in the Arabidopsis Shoot	Medford,June I	Biology NSF-Biological Centers	01/01/98- 12/31/00	97085201 \$475,662

College: Natural Sciences – Proposals

Title	Principal Investigator	Department / Sponsor Name	Dates	Key # / \$ Amt
IGERT: Landscape Ecology: The Influence of Spatial Pattern on Ecological Processes	Wiens, John A Noon, Barry R	Biology NSF-Biological Centers	04/01/98- 03/31/03	97112201 \$2,462,907

College: Veterinary Medicine & Biomedical Sciences – Proposals

Title	Principal Investigator	Department / Sponsor Name	Dates	Key # / \$ Amt
Aquaporin Water Channels & Gap Junctions in the Brain	Hudson-Furman,Sue C Rash,John E	Anatomy & Neurobiology NSF-Biological Centers	01/01/98- 12/31/00	97081001 \$523,569
Synaptic Reorganization After Global Cerebral Ischemia	Dudek,F Edward	Anatomy & Neurobiology HHS-NRSA-Nat. Research Service Award	12/01/97- 11/30/99	97089901 \$66,300
Role of Sand Fly & Tick Saliva in Disease	Titus,Richard G	Pathology HHS-NIH-National Institute of Health	02/01/98- 01/31/03	97076601 \$1,510,331
TCDD Immunotoxicity & Leishmaniasis	Titus,Richard G Dekrey,Gregory K	Pathology HHS-NRSA-Nat. Research Service Award	12/01/97- 11/01/00	97090101 \$96,600
Immunomodulation of the Local Skin Immune Response Against Leishmania Major by Max...	Titus,Richard G Mbow, M Lamine	Pathology WHO-World Health Organization	12/01/97- 11/30/00	97090501 \$148,337
AIDS Related Lymphoma in a SCID Mouse Model	Akkina,Ramesh K	Pathology University of Colorado Health Sci Ctr	04/01/98- 03/31/03	97096001 \$432,738
Identification of the Feline Niemann-Pick C Gene	Thrall,Mary Anna	Pathology Ara Parseghian Medical Research Found.	01/01/98- 12/31/99	97105001 \$118,830
Short-term Training for Minority Students	Tucker,Alan Florant,Gregory L	Physiology HHS-NIH-National Institute of Health	05/01/98- 04/30/03	97098501 \$143,611
Feline Vaccine Associated Sarcomas: Predictive Assays & Biological Markers	Larue,Susan M Fox,Michael H	Radiological Health Sciences AVMA-Amer Veterinary Medi Assoc Found	01/01/98- 12/31/99	97090201 \$31,193
Molecular Cytogenetics & Genetics of Feline Vaccine Associated Sarcomas	Larue,Susan M Bedford,Joel S	Radiological Health Sciences AVMA-Amer Veterinary Medi Assoc Found	01/01/98- 12/31/99	97090301 \$69,453
IGERT: Cell and Molecular Biology	Fox,Michael H	Radiological Health Sciences NSF-SBE-Social, Behav & Econ Sciences	04/01/98- 03/31/03	97103501 \$1,757,388
Cell Cycle Checkpoints in Normal & Tumor Cells	Fox,Michael H Bedford,Joel S	Radiological Health Sciences HHS-NIH-National Institute of Health	07/01/98- 06/30/03	97112001 \$1,668,128
Role of Oxygen Free Radicals in Dioxin Carcinogenesis	Cosma,Greg N	Environmental Health HHS-NIH-Environmental Health Services	12/01/97- 11/30/98	97076101 \$70,240
Development of Methods for Predicting Trihalomethane (THM) & Haloacetic Acids (HAA)...	Nuckols,John R	Environmental Health American Water Works Assoc. Research Fd.	09/01/97- 08/31/99	97080301 \$249,990
Integration of Mechanistic Carcinogenicity Studies with PBPK/PD Modeling for Health...	Yang,Raymond S H	Environmental Health HHS-CDC-Centers for Disease Control	09/30/97- 09/29/02	97081401 \$1,142,984
Exposure to Metals in Albuquerque Constructed Wetland Test Cells	Ramsdell,Howard S	Environmental Health DOI-USGS-Geological Survey	05/01/97- 03/31/98	97085001 \$10,000
Occupational Health & Safety Consultation Program	Buchan,Roy M	Environmental Health DOL-OSHA-Occupa. Safety & Health Admin.	10/01/97- 09/30/98	97093001 \$524,000
Focus Groups with Children of Migrant Farm Workers	Darragh,Amy	Environmental Health HHS-NIH-NCI-National Cancer Institute	09/01/97- 12/16/97	97098201 \$18,908
Epidemiology of Vesicular Stomatitis in the W. Hemisphere: An Extension of Current Research...	Salman,Mowafak D	Environmental Health USDA-Foreign Agricultural Service	09/16/96- 09/30/98	97099401 \$46,819
Effects of Dietary N-3 Fatty Acid Supplementation on a Model of Glomerulonephritis...	Grauer,Gregory F Greco,Deborah S	Clinical Sciences Iams Company	09/01/97- 09/01/99	97081201 \$80,362

College: Veterinary Medicine & Biomedical Sciences – Proposals

Title	Principal Investigator	Department / Sponsor Name	Dates	Key # / \$ Amt
Zoometry & Electrical Impedance in Cats	Wingfield, Wayne E Ogilvie, Gregory K	Clinical Sciences Ralston-Purina Company	10/01/97- 09/30/98	97081701 \$32,543
Pharmacokinetics of Cisplatin Release in the Beagle from Atrigez Formulation	Dernell, William S	Clinical Sciences Atrix, Inc.	09/15/97- 09/15/98	97099301 \$11,828
Evaluation of CollaSeal Hemostatic Device & Tisseel Fibrin Sealant for Hemostatic...	Turner, Anthony Simon	Clinical Sciences Cohesion Corporation	10/01/97- 01/31/98	97100501 \$43,698

College: Other – Proposals

Title	Principal Investigator	Department / Sponsor Name	Dates	Key # / \$ Amt
INTERACTE Colorado: Interactive Access to Training & Education for Colorado	Maher,Thomas G	Instructional Services CCHE-Commission on Higher Education	10/01/97- 06/30/98	97111201 \$200,000
Food Resource Management for Colorado Springs Limited Resource	Bray,Colleen R	Cooperative Extension City of Colorado Springs	04/01/98- 03/31/99	97080801 \$37,500
Educational Opportunity Center	Thayer,Paul B	Center-Educational Assess/Outreach US Department of Education	11/09/99- 10/31/04	97110701 \$2,727,993

Section III

Awards Received for Current Quarter

College: Agricultural Sciences – Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj#/\$ Amt.
Faculty Exchange Program	Spencer,William P	International Agricultural Program USDA-Foreign Agricultural Service	04/20/97- 11/30/97	2099 \$30,527
Arkansas Valley Project	Schweissing, Frank C	Arkansas Valley Research Center Various "For Profit" Sponsors	06/23/92- 12/31/98	6751 \$1,000
Arkansas Valley Project	Schweissing, Frank C	Arkansas Valley Research Center Various "For Profit" Sponsors	06/23/92- 12/31/98	6751 \$500
Arkansas Valley Project	Schweissing, Frank C	Arkansas Valley Research Center Various "For Profit" Sponsors	06/23/92- 12/31/98	6751 \$1,800
Early Blight Management	Davidson, Robert D	San Luis Valley Research Center Potato Administration of Colorado	10/01/97- 09/30/99	5702 \$8,000
Potato Breeding & Selection	Holm, David G	San Luis Valley Research Center Potato Administration of Colorado	07/01/97- 06/30/98	8320 \$30,500
Early Blight Management	Davidson, Robert D	San Luis Valley Research Center Potato Administration of Colorado	07/01/97- 06/30/98	8321 \$22,000
Late Blight Forecasting	Zink, Richard T	San Luis Valley Research Center Potato Administration of Colorado	07/01/97- 06/30/98	8323 \$12,000
Cultural & Physiological Studies	Thompson-Johns, A	San Luis Valley Research Center Potato Administration of Colorado	07/01/97- 06/30/98	8325 \$29,300
Agronomic Research in Western Colorado	Pearson, Calvin H	Western Slope - Fruita Various "Non-Profit" Sponsors	07/01/91- 12/31/98	6667 \$900
Viticulture & Enology Research for the Colorado Wine Industry	Hamman, Richard Allan	Orchard Mesa Research Center Colorado Department of Agriculture	07/01/97- 06/30/98	0202 \$109,700
South Western Colorado Crop Research	Sommers, Lee E Berrada, Abdelfettah	South Western Colorado Ag. Res. Ctr. Colorado Dry Bean Advisory Board	11/01/92- 12/31/98	5253 \$1,000
Training & Education for Agricultural Chemicals & Groundwater	Waskom, Reagan M	Soil & Crop Sciences Colorado Department of Agriculture	07/01/97- 06/30/98	0047 \$125,600
Improving Manure Management to Protect Water Quality in the Southwestern U.S.	Davis, Jessica G	Soil & Crop Sciences Utah State University	06/16/97- 09/30/97	1301 \$22,974
Partitioning of Ecosystem Respiration & Vectors of Water Loss: An Analysis using S13C...	Kelly, Eugene F Sulzman, Elizabeth W	Soil & Crop Sciences National Aeronautics & Space Admin.	09/01/97- 08/31/98	1930 \$22,000
Bean Breeding Program	Brick, Mark A	Soil & Crop Sciences Colorado Dry Bean Advisory Board	11/01/92- 12/31/98	5254 \$4,000
Validating Alternative Manure Management Systems	Waskom, Reagan M Dalsted, Norman L	Soil & Crop Sciences American Farm Bureau Research Foundation	08/03/97- 08/02/98	5410 \$6,000
Bean Testing Project	Shanahan, John Johnson, Jerry J	Soil & Crop Sciences Colorado Dry Bean Advisory Board	06/01/92- 12/31/98	5648 \$3,750
Crystalline Polyacrylamide Enhancement of Soil Water Retention & Growth of Row Crops	Cardon, Grant E Fenwick, Jack R	Soil & Crop Sciences McMahon Bioconsulting/Stockhausen Chem.	05/01/97- 04/30/98	6253 \$5,000
Soil Fertility Studies	Westfall, Dwayne G	Soil & Crop Sciences Various "For Profit" Sponsors	04/01/91- 06/30/98	6642 \$5,950

College: Agricultural Sciences – Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj#/\$ Amt.
Sugarbeet Production Research	Sommers, Lee E	Soil & Crop Sciences USDA-ARS-Agricultural Research Service	10/01/96- 09/30/97	8022 \$4,000
Sugarbeet Production Research	Sommers, Lee E	Soil & Crop Sciences USDA-ARS-Agricultural Research Service	10/01/96- 09/30/97	8022 \$6,000
Central Plains Resources Management Research	Sommers, Lee E	Soil & Crop Sciences USDA-ARS-Agricultural Research Service	10/01/96- 09/30/97	8028 \$2,931
Great Plains Systems Research Unit	Sommers, Lee E	Soil & Crop Sciences USDA-ARS-Agricultural Research Service	10/01/96- 09/30/97	8029 \$55,135
Development of Improved Quality & High Yield in Wheat Germplasm in Colorado	Quick, James S	Soil & Crop Sciences Colorado Wheat Administrative Commission	07/01/97- 06/30/98	8300 \$64,500
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 \$5,000
Evaluation of Milling & Baking Performance of Colorado Wheat	Quick, James S	Soil & Crop Sciences Colorado Wheat Administrative Commission	07/01/97- 06/30/98	8303 \$6,000
Sheep Pathogen Reduction Intervention & Animal Production Food Safety Practices	Levalley, Stephen B Belk, Keith	Animal Sciences USDA-APHIS-Ag & Plant Health Insp Srv	09/05/97- 12/04/98	2038 \$245,377
Validation of USDA Frame Size & Muscle Thickness Specifications for Feeder Cattle	Tatum, Joseph D Belk, Keith	Animal Sciences USDA-AMS-Agricultural Marketing Service	06/01/97- 08/31/98	2121 \$50,180
Methods in National Beef Cattle Evaluation	Golden, Bruce L Bourdon, Richard M	Animal Sciences Canadian Angus Association	05/01/97- 05/01/00	5180 \$10,000
Modifications of the Select Synch Protocol to Maximize Pregnancy Rates in Beef Cows	Geary, Thomas W Whittier, Jack C	Animal Sciences Select Sires Incorporated	05/01/97- 05/01/98	5198 \$11,963
Characterization of Beef Tissue following Stunning of Cattle--Phase I	Schmidt, Glenn R	Animal Sciences AMIF-American Meat Institute Foundation	09/01/97- 10/01/97	5449 \$12,000
Retail Caselife & Bacterial Growth Level on the Surface of Ground Beef in Modified Atmos...	Belk, Keith Sofos, John N	Animal Sciences King Soopers	07/16/97- 09/30/97	6260 \$16,500
Beef Quality Assurance Audits: Assays for Presence of Antibiotics in Injection-site L...	Smith, Gary C Tatum, Joseph D	Animal Sciences Nat'l Cattlemen's Beef Association	07/31/97- 06/30/98	8200 \$33,970
Measuring the Value of Threatened & Endangered Species	Loomis, John B	Agricultural & Resource Economics DOI-Bureau of Reclamation	04/04/96- 04/30/98	1714 \$32,932
Estimating the Change in Economic Value of Fire Effects on Forest Recreation	Loomis, John B	Agricultural & Resource Economics USDA-USFS-Pacific SW	09/16/97- 09/30/99	2028 \$100,000
Economic & Ecological Sustainability on the Colorado Plateau	Spencer, William P McKean, John R	Agricultural & Resource Economics DOI-National Biological Survey	08/01/95- 12/30/97	4167 \$10,000
Develop Updated & Improved Estimates of Recreation Values	Loomis, John B	Agricultural & Resource Economics USDA-USFS-Rocky Mtn. Experiment Station	08/26/97- 09/30/98	8710 \$20,000
An Assessment of the Demand & Supply of Wilderness in the United States	Loomis, John B	Agricultural & Resource Economics USDA-USFS-Forest Research	09/15/97- 09/30/98	8724 \$18,000
Electroconductivity Test to Evaluate Seed Quality	Moore, Frank D III	Horticulture & Landscape Arch USDA-ARS-NPA-National Seed Storage Lab	09/09/94- 09/09/99	2000 \$20,000

College: Agricultural Sciences– Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj#/\$ Amt.
Turfgrass Production	Koski,Anthony J	Horticulture & Landscape Arch Jacklin Seed Company	07/01/93- 06/30/97	6853 \$3,522
Application of FTIR Spectroscopy to Identify Potato Cultivars	Stushnoff,Cecil	Horticulture & Landscape Arch Potato Administration of Colorado	07/01/97- 06/30/98	8324 \$5,000
Fellowship for Kathleen Voelsing	Ishimaru,Carol A	Bioagric Sciences & Pest Mgmt CIRB-Colo. Inst. Research in Biotech.	07/01/97- 06/30/98	0204 \$8,000
Basic Research on the Physiology & Genetic Diversity of Jointed Goatgrass	Westra,Philip	Bioagric Sciences & Pest Mgmt Washington State University	04/01/97- 03/31/00	1321 \$5,000
GPS Based Field Survey of Jointed Goatgrass Spatial Distribution & Dynamics in Wheat	Westra,Philip	Bioagric Sciences & Pest Mgmt Washington State University	04/01/97- 03/31/00	1322 \$12,000
Integrated Management Systems for Jointed Goatgrass in the Central Great Plains	Westra,Philip	Bioagric Sciences & Pest Mgmt Washington State University	04/01/97- 03/31/00	1323 \$20,000
On Farm BMP Implementation for Jointed Goatgrass Control in Central Great Plains Wheat	Westra,Philip	Bioagric Sciences & Pest Mgmt Washington State University	04/01/97- 03/31/00	1324 \$2,000
Use of Precision Farming Tools to Improve Pest Management	Westra,Philip Peairs, Frank B	Bioagric Sciences & Pest Mgmt USDA-Western Region I.P.M. Program	09/15/97- 09/30/99	1436 \$98,977
Functional Landscape Mapping of Clavibacter Michiganensis Subsp.sepedonicus	Ishimaru,Carol A Knudson,Dennis L	Bioagric Sciences & Pest Mgmt USDA-CSRS-SRG-Special Research Grants	04/01/97- 03/31/98	2115 \$51,712
Water Usage of Cottonwoods	Jacobi,William R	Bioagric Sciences & Pest Mgmt Denver Water Department	06/16/97- 12/31/97	5179 \$10,000
Bean Disease Management - Disease Forecasting Network	Schwartz,Howard F	Bioagric Sciences & Pest Mgmt Nebraska Dry Bean Commission	07/01/97- 06/30/98	5195 \$4,000
Winter Annual Grass Weed Research in Wheat	Westra,Philip	Bioagric Sciences & Pest Mgmt Colorado Wheat Administrative Commission	07/01/97- 06/30/98	8301 \$10,000
Development of Winter Wheat Varieties Resistant to Russian Wheat Aphid	Peairs, Frank B Quick, James S	Bioagric Sciences & Pest Mgmt Colorado Wheat Administrative Commission	07/01/97- 06/30/98	8304 \$15,000
Potential Losses of EPTAM during Sprinkler Application & the Influence of Soil Moisture...	Nissen,Scott	Bioagric Sciences & Pest Mgmt Potato Administration of Colorado	07/01/96- 06/30/98	8322 \$10,000
GIS - Based Landscape-Scale Root Disease Hazard Rating System	Jacobi,William R	Bioagric Sciences & Pest Mgmt USDA-USFS-Forest Research	05/18/95- 04/30/98	8828 \$13,900
An Analysis of Noxious Weed Distributions on Rangelands	Beck,K George	Bioagric Sciences & Pest Mgmt USDA-USFS-Rocky Mtn. Experiment Station	03/11/97- 04/30/98	8843 \$3,000
Optimum Stocking in Lodgepole Pine with Topkill	Jacobi,William R	Bioagric Sciences & Pest Mgmt USDA-USFS-Rocky Mtn. Experiment Station	08/13/97- 12/31/97	8849 \$5,644

College: Applied Human Sciences – Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj#/\$ Amt.
Colorado Organizing for Children, Youth & Families at Risk (CO-CYFAR)	Love,Cathleen T Carroll,Jan B	Dean of Applied Human Sciences USDA-CSRS-CGP-Competitive Grants Program	05/01/97- 04/30/98	2118 \$185,000
Rocky Mountain Teacher Education Collaborative	Stein,Fredrick M Hartley,Nancy K	Dean of Applied Human Sciences University of Northern Colorado	09/01/97- 05/31/98	3454 \$143,141
DARE To Be You Head Start Consortium	MacPhee,David L Fritz,Janet J	Human Development & Family Studies HHS-NIH-Rehabilitation Services Admin.	09/30/97- 09/29/98	4463 \$150,000
Colorado Elderhostel	Yang,Raymond K Rastall,Jan M	Human Development & Family Studies Elderhostel	07/01/97- 06/30/98	5050 \$49,096
Essential Fatty Acid & Prostaglandin Analyses	Harris,Mary A	Food Science & Human Nutrition University of Connecticut	10/20/96- 06/30/97	1316 \$1,480
Vacuum Processing of Wheat in Space	Stone,Martha B Maga,Joseph A	Food Science & Human Nutrition NASA-Johnson Space Center	09/01/96- 08/31/98	1934 \$22,000
Bridges to Productive Adult Outcomes	Schelly,Catherine L Kothe,Julia M	Occupational Therapy DE-Special Projects & Demonstr./Voc Rehb	10/01/97- 09/30/98	4213 \$189,959
Care Access & Life Outcomes following Traumatic Brain Injury: A Multicultural & Gend...	Sample,Pat L	Occupational Therapy HHS-CDC-Environ. Hlth & Injury Control	09/01/97- 08/31/98	7703 \$39,347
Distance Learning Curriculum Planning	Dunbar,Brian H	Design, Merchand. & Consumer Science DOI-NPS-National Park Service	07/01/97- 09/30/97	1890 \$11,000
Exercise & Heart Rate Variability in Hypertensive Postmenopausal Women	Davy,Kevin	Exercise & Sport Science American Heart Association	08/15/97- 12/31/97	5018 \$9,000
Aging, Energy & Nutrient Balance: Role of Skeletal Muscle	Davy,Kevin P	Exercise & Sport Science HHS-PHS-Aging Research	08/15/97- 01/31/98	7766 \$72,446
Diet & Exercise Effects in Obese Postmenopausal Women	Davy,Kevin P	Exercise & Sport Science HHS-PHS-Aging Research	08/15/97- 03/31/98	7767 \$68,628
Colorado State Architectural Conservation Initiative & Costilla County Courthouse De...	Murphy,John	Manufacturing Tech & Constrtn Mgmt Colo. Dept Higher Educ-Historical Society	07/01/97- 01/31/99	0091 \$100,000
National Center for Vehicle Emissions Control & Safety Grant	Wolff,Birgit H Sutton,John R	Manufacturing Tech & Constrtn Mgmt Environmental Protection Agency	09/01/94- 12/31/97	5840 \$29,225
National Center for Vehicle Emissions Control & Safety Grant	Wolff,Birgit H Sutton,John R	Manufacturing Tech & Constrtn Mgmt Environmental Protection Agency	09/01/94- 12/31/97	5840 \$9,287
Vocational Credentialing	Hollingsworth,Jay E	School of Education CCHE-Commission on Higher Education	07/01/97- 06/30/98	0114 \$15,000
Program of Excellence	Richburg,Robert W	School of Education CCHE-Commission on Higher Education	07/01/97- 06/30/98	0115 \$94,000
Standards Alignment through Partnership	Mantle-Bromley,Corin	School of Education CCHE-Commission on Higher Education	07/01/97- 06/30/98	0117 \$49,930
Transition to Adulthood Systems Change Project	Lehmann,Jean P	School of Education Black Hills Spec. Svcs. Coop of S Dakota	06/01/96- 09/30/98	4001 \$20,000
Aiming for the Future	Lehmann,Jean P	School of Education DE-Dept. of Devel. Post-Secondary	11/01/97- 10/31/98	4209 \$114,957

College: Applied Human Sciences – Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj#/\$ Amt.
Critical Issues Work	Ginsberg,Richard	School of Education Colorado Partnership/Educational Renewal	07/01/97- 06/30/98	5181 \$10,000
Critical Issues Work (Eisenhower)	Mantle-Bromley,C	School of Education Colorado Partnership/Educational Renewal	10/01/96- 09/30/97	5183 \$20,380
Human Relations Training Development	Griego,Orlando	School of Education Piton Foundation	07/01/97- 06/30/98	5450 \$9,600

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 American Farmland Trust	06/01/97- 12/31/97	5192 \$19,326
Center for Research on Writing & Communication Technologies	Palmquist,Michael E Zimmerman,Donald E	English CCHE-Commission on Higher Education	07/01/97- 06/30/98	0113 \$60,000
Center for Biomedical Research in Music	Thaut,Michael H	Music, Theatre & Dance CCHE-Commission on Higher Education	07/01/97- 06/30/98	0116 \$169,309
Outdoor Cafe Theatre Season	Burns,Morris U	Music, Theatre & Dance City of Fort Collins - Fort Fund	06/24/97- 07/26/97	5191 \$2,000
Optimizing & Evaluating Alcohol Warnings in TV Ad's	Slater,Michael D	Journalism & Technical Comm HHS-PHS-Alcohol Research Programs	08/01/97- 07/31/98	7697 \$197,058

College: Business – Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj#/\$ Amt.
Teen Institute & Communication Campaign for Adolescent Females	Kelly, Kathleen J	Marketing HHS-SAMHSA-CSAP-Ctr Substance Abuse Prvn	09/30/95- 11/30/97	4415 \$89,170
The Effect of Tombstone Advertisements on Selling Beer & Tobacco	Kelly, Kathleen J	Marketing Robert Wood Johnson Foundation	07/01/97- 12/31/99	5443 \$105,270

College: Engineering – Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj#/\$ Amt.
Application for Financial Assistance/ Undergraduate Research Opportunities	Gessler,Johannes	Dean of Engineering US Department of Energy	01/01/98- 12/31/98	3834 \$68,309
The Colorado Bioprocessing Center	Batt,Brian C	Chemical & Bioresource Engineering CATI-Colo. Advanced Technology Institute	07/01/97- 06/30/98	0070 \$320,000
Upgrading Cropflex to Windows	Broner,Israel	Chemical & Bioresource Engineering USDA-Agricultural Conservation Program	08/01/97- 07/31/98	2075 \$25,000
Reactor Scale Modeling of Diamond Deposition in Microwave & Hot-filament Reactors	Dandy,David S	Chemical & Bioresource Engineering DOD-NAVY-NRL-Naval Research Lab	09/05/97- 09/04/98	2436 \$86,813
Inventorying & Monitoring Natural Resources Status & Trends in the National Park System	Loftis,Jim C Garcia,Luis	Chemical & Bioresource Engineering DOI-NPS-National Park Service	04/17/95- 02/22/99	4159 \$50,000
Inventorying & Monitoring Natural Resources Status & Trends in the National Park System	Loftis,Jim C Garcia,Luis	Chemical & Bioresource Engineering DOI-NPS-National Park Service	04/17/95- 02/22/99	4159 \$10,000
Consumptive Use Model	Garcia,Luis	Chemical & Bioresource Engineering Riverside Technology, Inc	03/01/95- 10/31/97	6911 \$771
Report Describing the Snowfall & Snow Pack Density for the Western United States	McKee,Thomas B	Atmospheric Science DOI-Bureau of Reclamation	07/31/97- 09/30/98	1725 \$15,000
Homogeneous Freezing Nucleation at Upper Tropospheric Conditions	Kreidenweis,Sonia M Chen,Yalei	Atmospheric Science NASA-Goddard	09/01/97- 08/31/98	1901 \$22,000
Ground Truth Research & Algorithm Development in Support of TRMM	Stephens,Graeme L Rutledge,Steven A	Atmospheric Science NASA-Goddard	09/01/96- 02/28/98	1911 \$30,000
Analysis of the Diurnal Cycle of Precipitation & Its Relation to Cloud Forcing using ...	Randall,David A Fowler,Laura Dorothy	Atmospheric Science National Aeronautics & Space Admin.	07/01/97- 06/30/98	1967 \$119,534
Improving Nexrad-Based Estimates of Precipitation Rates & Hydrometeor Classification	Rutledge,Steven A Bringi,Viswanathan N	Atmospheric Science NSF-GEO-Geosciences	09/01/96- 08/31/98	3091 \$110,000
Convection & the Atmospheric Boundary Layer	Johnson,Richard H	Atmospheric Science NSF-GEO-Geosciences	06/01/97- 06/30/98	3248 \$152,292
Clouds & Ocean-Atmosphere Interactions in the Pacific Basin	Randall,David A Jensen,Tommy G	Atmospheric Science US Department of Energy	09/15/97- 09/14/98	3865 \$178,000
Scanning Spectral Polarimeter	Stephens,Graeme L	Atmospheric Science Sandia Corporation/Sandia National Lab.	07/20/94- 06/30/98	3957 \$30,944
Support for Hurricane Research at CSU	Gray,William M	Atmospheric Science Reinsurance Australia Corporation Ltd.	08/01/97- 07/31/98	5193 \$40,000
Methods for Multi-Season & Longer Term Predictions of US Hurricane Landfall Probability	Gray,William M	Atmospheric Science Bermuda Biological Station for Research	06/01/97- 05/31/98	5353 \$45,000
Experimental Studies of the Factors Controlling the Water Nucleating Ability of Atmosper...	Kreidenweis,Sonia M Brechtel,Fredrick J	Atmospheric Science Environmental Protection Agency	09/01/95- 08/31/97	5850 \$8,616
Short-wave Intensive Operating Period (IOP)	Stephens,Graeme L	Atmospheric Science Battelle Memorial Institute	08/13/97- 03/31/98	9335 \$23,000
Methodologies for Design of Soil Covers for Waste Disposal Sites	Abt,Steven R	Civil Engineering Nuclear Regulatory Commission	10/01/97- 12/31/97	1002 \$37,516

College: Engineering – Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj#/\$ Amt.
IPA for Bogusz Bienkiewicz	Bienkiewicz,Bogusz J	Civil Engineering DOT-Federal Highway Administration	08/15/97- 05/14/98	1009 \$67,920
Acoustic Emission Monitoring for Non-destructive Load Rating of Bridges	Peterson,Michael Gutkowski,Richard M	Civil Engineering North Dakota State University	07/01/96- 12/31/97	1077 \$66,350
Participation in TEL8 Telecommunications Network for Region 8	Gutkowski,Richard M	Civil Engineering North Dakota State University	07/01/97- 06/30/98	1084 \$28,205
Local Management of Mountain Plains Consortium Programs	Gutkowski,Richard M	Civil Engineering North Dakota State University	07/01/97- 06/30/98	1085 \$10,253
Full-scale Lab Testing of a Timber Trestle Railroad (MPC Project)	Gutkowski,Richard M	Civil Engineering North Dakota State University	07/01/97- 06/30/98	1086 \$32,296
Shear-key for Strengthening Bridge Decks (MPC Project)	Gutkowski,Richard M	Civil Engineering North Dakota State University	07/01/97- 06/30/98	1087 \$21,186
Assessment of Condition of Steel Rail Related to Train Derailment (MPC Project)	Gutkowski,Richard M	Civil Engineering North Dakota State University	07/01/97- 06/30/98	1088 \$17,477
NDE Field Assessment of Timber Railroad Bridges (MPC Project)	Gutkowski,Richard M	Civil Engineering North Dakota State University	07/01/97- 06/30/98	1089 \$20,903
North Front Range Transportation Alternatives Feasibility (MPC Project)	Gutkowski,Richard M	Civil Engineering North Dakota State University	07/01/97- 06/30/98	1090 \$19,047
Adaptive Wood Composting: Theory & Measurement	Heyliger,Paul R	Civil Engineering USDA-CSRS-CGP-Competitive Grants Program	09/15/97- 09/30/99	1428 \$62,500
Analytical Services	Gates,Timothy K	Civil Engineering DOI-Bureau of Reclamation	08/13/96- 11/30/97	1739 \$5,000
Ecology of Western Reservoirs	Fontane,Darrell G Bartholow,John	Civil Engineering DOI-National Biological Survey	09/01/96- 08/31/99	1832 \$25,701
Water Quantity/Routing Model Development Klameth River Basin, Oregon & California	Flug,Marshall Fontane,Darrell G	Civil Engineering DOI-National Biological Survey	05/01/96- 09/30/99	1833 \$76,000
Cooperative Agreement for Hydrologic Model Development & Maintenance	Labadie,John W	Civil Engineering DOI-Bureau of Reclamation	03/17/97- 09/30/01	1868 \$220,000
Operational/Management Technical Support Offpost Pump & Treat System	Warner,James W	Civil Engineering DOD-ARMY-Rocky Mountain Arsenal	06/14/96- 09/30/97	2314 \$24,565
Optimum Dimensions of Sediment Basin Preliminary Investigation	Gessler,Daniel	Civil Engineering DOD-ARMY-Corps of Engineers	09/08/97- 02/07/98	2415 \$49,762
Identification of Alternatives for Long-term Operation of North Boundary System	Warner,James W	Civil Engineering DOD-ARMY-Rocky Mountain Arsenal	09/01/97- 07/15/98	2438 \$176,100
Glenn-Colusa Irrigation District (GCID) Model Study	Abt,Steven R Brisbane,Thomas E	Civil Engineering Owen Ayers & Associates	07/21/97- 10/13/97	2625 \$55,618
NASA Space Grant College & Fellowship Programs	Jacobs,Harold R	Civil Engineering University of Colorado	02/01/97- 01/31/98	2717 \$72,000
Quantification of Federal Reserved Water Rights for National Park Purposes	Sanders,Thomas G Kimball,Dan	Civil Engineering DOI-NPS-National Park Service	04/01/96- 02/23/99	2860 \$177,200

College: Engineering – Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj#/\$ Amt.
Quantification of Federal Reserved Water Rights for National Park Purposes	Sanders,Thomas G Kimball,Dan	Civil Engineering DOI-NPS-National Park Service	09/01/97- 03/30/98	2860 \$81,600
Uncertainty & Risk Analysis under Extreme Hydrologic Events	Salas,Jose D Boes,Duane C	Civil Engineering NSF - Engineering Grant	10/01/96- 09/30/98	3113 \$88,315
CANLEX Blasting Experiment Summer 1997	Charlie,Wayne A	Civil Engineering NSF - Engineering Grant	10/01/97- 09/30/98	3272 \$20,000
Application of Statistical Dynamical Water Balance Model to Regional Scale Integrated...	Ramirez,Jorge A	Civil Engineering Tulane University	07/01/96- 06/30/98	3915 \$73,520
Dam Foundation Erosion Study	Ruff,James F	Civil Engineering DOI-Bureau of Reclamation	06/01/97- 06/30/98	4143 \$17,268
Dam Foundation Erosion Study	Ruff,James F	Civil Engineering DOI-Bureau of Reclamation	06/01/97- 06/30/98	4143 \$147,232
Dam Foundation Erosion Study	Abt,Steven R Ruff,James F	Civil Engineering DOI-Bureau of Reclamation	06/01/97- 06/30/98	4151 \$15,000
Dam Foundation Erosion Study	Abt,Steven R Ruff,James F	Civil Engineering DOI-Bureau of Reclamation	06/01/97- 06/30/98	4151 \$11,500
Pima Road 3 Basin Project--The Behavior of an Energy Dissipating Structure under Flow C...	Abt,Steven R Thornton,Christopher	Civil Engineering Stantech Consulting	07/28/97- 09/19/97	6262 \$40,604
Tensar Block Testing	Abt,Steven R Thornton,Christopher	Civil Engineering Owen Ayres & Associates	08/11/97- 10/30/97	6264 \$37,530
First Generation Microwave Sensor for Inspections of Thick Composite Joints	Zoughi,Reza	Electrical Engineering DOD-NAVY-Naval Surface Warfare Center	02/13/97- 05/12/97	2344 \$24,500
Holographic Search Engine for Multimedia Databases	Mitkas,Pericles A	Electrical Engineering US Department of Defense	08/01/97- 09/30/98	2402 \$98,168
Wavelet Domain Matched Filtering for Underwater Target Classification	Azimi-Sadjadi,Mahmoo	Electrical Engineering DOD-NAVY-Naval Surface Warfare Center	10/01/97- 09/30/98	2408 \$20,000
Wavelet Domain Matched Filtering for Underwater Target Classification	Azimi-Sadjadi,Mahmoo	Electrical Engineering DOD-NAVY-Naval Surface Warfare Center	10/01/97- 09/30/98	2408 \$20,209
Basic Issues of the Dynamics & Radiation of Capillary Plasmas	Rocca,Jorge J G	Electrical Engineering NSF - Engineering Grant	09/15/97- 08/31/00	3176 \$450,993
Electron Beam Curing of Spin & Planarization of Spin-on Glass	Collins,George J	Electrical Engineering NSF - Engineering Grant	09/01/97- 08/31/98	3268 \$99,793
Career: Enhancement Plan - Research on Blue Semiconductor Lasers & Early Motivation...	Menoni,Carmen S	Electrical Engineering NSF - Engineering Grant	07/01/95- 06/30/98	3382 \$75,000
Optoelectronics REU	Wilmsen,Carl W	Electrical Engineering University of Colorado	05/01/97- 08/31/97	3651 \$9,902
Short Pulse Laser Driven X-ray Lasers in Capillary Discharges	Rocca,Jorge J G	Electrical Engineering Max Born Inst/Nonlinear Optics-Germany	05/14/97- 11/13/98	5733 \$6,772
Two-dimensional Parallel Read-out of Optical Tape	Mitkas,Pericles A	Electrical Engineering Storage Technology Corporation	07/01/94- 06/30/98	6036 \$10,000

College: Engineering – Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj#/\$ Amt.
Collaborative Learning via Video & Internet Over IP	Burns,Patrick J	Mechanical Engineering CCHE-Commission on Higher Education	06/18/97- 06/30/99	0109 \$183,446
Continuous Air to Vacuum to Air (AVA) High Throughput Vacuum Deposition of Thin Films	Sampath,Walajabad S	Mechanical Engineering NSF - Engineering Grant	09/15/97- 08/31/98	3181 \$68,277
Industrial Ecology Assessment	Winn,C Byron	Mechanical Engineering UCAR-NCAR-Research Applications Program	07/01/97- 06/30/98	3656 \$23,906
Management & Coordination of Colorado State / DOE Program	Hittle,Douglas C	Mechanical Engineering US Department of Energy	06/01/97- 05/31/98	3857 \$17,177
Advanced Residential Solar Domestic Hot Water (SDHW) Systems	Hittle,Douglas C	Mechanical Engineering US Department of Energy	06/01/97- 05/31/98	3858 \$7,823
Graduate Fellowships in Mechanical Engineering	James,Susan P Hittle,Douglas C	Mechanical Engineering US Department of Education	09/01/97- 08/31/98	4262 \$122,255
Effectiveness of Pollution Prevention Surveys at National Parks	Edwards,Harry W	Mechanical Engineering EPA-Pollution Prevention Grants Program	09/01/97- 06/30/98	5801 \$16,500
New Mexico State University Pollution Prevention Program Subcontract	Edwards,Harry W	Mechanical Engineering New Mexico State University	04/02/97- 10/31/97	5929 \$28,000
Solar Energy System Development	Duff,William S	Mechanical Engineering Sun Utility Network	07/01/97- 12/31/97	6010 \$33,179
Emergent Product Realization Process Research	Troxell,Wade O	Mechanical Engineering Storage Technology Corporation	08/15/97- 08/15/98	6021 \$184,683
Large Bore Gas Technology Base	Willson,Bryan D	Mechanical Engineering GRI-Gas Research Institute	08/15/94- 02/01/98	6047 \$172,211
Battery Charger Design for RLE Technologies	Scheuerman,J David Troxell,Wade O	Mechanical Engineering Raymond-Lae Engineering/RLE Techn., Inc.	05/27/97- 06/16/97	6249 \$400
Battery Charger Design for RLE Technologies	Scheuerman,J David Troxell,Wade O	Mechanical Engineering Raymond-Lae Engineering/RLE Techn., Inc.	05/27/97- 06/16/97	6249 \$200
Die-Cut Technologies Process Improvements	Troxell,Wade O Barsallo,Jairo D	Mechanical Engineering Die Cut Technologies	08/01/97- 11/01/97	6267 \$7,200
Statistical Analysis & Testing of Latin Hypercube Simulation Random Number Generators	Burns,Patrick J	Mechanical Engineering Sandia Corporation/Sandia National Lab.	09/04/97- 09/30/97	9334 \$10,000
Cooperative Institute for Research	Vonderhaar,Thomas H	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	07/01/96- 06/30/01	1201 \$205,000
Evaluation of NEXRAD Doppler Weather Radar Algorithms & Mesoscale Analysis & Prediction...	Vonderhaar,Thomas H	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	07/01/96- 06/30/01	1202 \$3,146,303
Air-Sea Interaction Remote Sensing Processes	Vonderhaar,Thomas H Frisch,Alfred S	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	06/19/96- 06/30/01	1204 \$49,913
A Multisensor Satellite Study of Upper Tropospheric Water Vapor & Clouds	Stephens,Graeme L	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	07/01/96- 06/30/01	1207 \$80,000
Impact of Enhanced Cloud Condensation Nucleus Concentrations on Microphysics & Dynamic...	Feingold,Graham	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	07/01/96- 06/30/01	1209 \$44,858

College: Engineering – Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj#/\$ Amt.
CIRA Activities & Participation in DMSP Satellite Processing & Analysis	Vonderhaar,Thomas H Eis,Kenneth E	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	07/01/96- 06/30/01	1211 \$38,600
Temperature, Precipitation & Wind Continuity with Automated Surface Observing System-ASOS	McKee,Thomas B Doesken,Nolan J	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	10/01/96- 06/30/01	1213 \$127,000
Hydrologic Forecasting System Evaluation & Development Support	Johnson,Lynn Vonderhaar,Thomas H	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	07/01/96- 06/30/01	1215 \$62,178
Very High Resolution Gridded Meteorological Forecast Development	Vonderhaar,Thomas H Browning,Gerald L	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	07/01/96- 06/30/01	1220 \$142,930
Parameterizing Subgrid-scale Snow-cover Heterogeneities for use in Regional & Global Climate...	Pielke,Roger A Liston,Glen E	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	07/01/97- 06/30/01	1229 \$65,000
Receptor Modeling in Support of Project MOHAVE	Sisler,James F Vonderhaar,Thomas H	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	07/01/97- 06/30/01	1230 \$100,000
Analysis & Modeling of the Transport of Lightning-generated NOx & Other Chemical Species...	Rutledge,Steven A	CIRA DOC-NOAA-Nat Climate Program Office	07/01/97- 06/30/98	1231 \$55,091
Statistical Analyses Related to Air Quality & Atmospheric Visibility	Iyer,Hariharan K	CIRA DOI-NPS-National Park Service	09/01/97- 12/31/98	1707 \$92,292
Characterization of Particle Light Extinction at Grand Canyon National Park	Kreidenweis-Dandy,S Collett,Jeffrey L J	CIRA DOI-NPS-National Park Service	09/01/97- 12/31/98	1717 \$99,732
Assistance for Image Display Techniques & Data Analysis	Eis,Kenneth E	CIRA DOI-NPS-National Park Service	09/01/97- 12/31/98	1721 \$566,452
Modeling the Optical Properties of Collections of Large Numbers of Structured Sphe...	Fuller,Kirk A Kreidenweis-Dandy,S	CIRA DOI-NPS-National Park Service	09/01/97- 12/31/98	1724 \$55,312
Precipitation & Sediment Transport in the Rio Puerco Basin	Cotton,William R McKee,Thomas B	CIRA DOI-USGS-Geological Survey	09/15/97- 09/30/98	1733 \$64,449
The Role of Clouds in the Relationship between Land Use/Land Cover & the Climate...	Kidder,Stanley O	CIRA NASA-Marshall Space Center	11/21/96- 11/20/98	1936 \$56,760

College: Natural Resources – Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj#/\$ Amt.
USDA/HABIB: Training in Remote Sensing & Geographical Information Systems (GIS)	Smith,Freeman M	Dean of Natural Resources USDA-Foreign Agricultural Service	09/15/97- 11/15/97	2021 \$6,000
Non-degree Advanced Training - CATI-SITOE	Smith,Freeman M	Dean of Natural Resources Centro Agronomico Tropical de Investig.	08/15/97- 06/15/98	5735 \$13,986
LCTA Support for the US Army Environmental Center, Aberdeen Proving Ground, Maryland	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	05/19/97- 11/19/97	2361 \$12,935
Forest Management Support for Fort McCoy, Wisconsin	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	11/17/97- 05/15/98	2373 \$14,931
LCTA Field Support for California Army National Guard Bureau	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	07/09/97- 02/08/98	2377 \$19,786
LCTA Field Support for the Montana Army National Guard	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	07/09/97- 12/09/97	2378 \$11,781
ITAM Program LCTA Field Support for the U.S. Military Academy, West Point, New York	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	07/09/97- 11/07/97	2379 \$37,759
ITAM Program LCTA Support for Marine Corps Base Quantico, Virginia	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	07/09/97- 11/07/97	2380 \$15,087
ITAM Program LCTA Support for Marine Corps Base Quantico, Virginia	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	07/09/97- 11/07/98	2380 \$6,961
Legacy Resources Management Assistance, Deputy Under Secretary of Defense	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	09/02/97- 03/17/98	2382 \$37,467
Integrated Training Area Management Program Support for Fort Hunter Liggett,	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	07/09/97- 11/13/97	2383 \$22,738
Integrated Training Area Management Program Support for Fort Hunter Liggett, California	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	07/09/97- 07/08/98	2383 \$37,203
LCTA & LRAM Program Support at Fort Hunter Liggett, California	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	07/09/97- 07/08/98	2384 \$101,424
LCTA & LRAM Field Support at Fort Hunter Liggett, California	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	07/21/97- 07/20/98	2385 \$57,969
LCTA & GIS Support for Fort McCoy, Wisconsin	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	08/01/97- 07/31/98	2387 \$101,324
LCTA & GIS Support for Fort McCoy, Wisconsin	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	08/01/97- 07/31/98	2387 \$21,000
Wildlife Management Program Support for Fort Belvoir, Virginia	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	07/21/97- 12/19/97	2388 \$27,886
Military Training & Land Management Support, Army Training Support Center, Ft. Eustis, Virginia	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	12/01/97- 11/30/98	2389 \$86,946
Extrapolation of Vegetative Cover Estimates Using Remotely Sensed Imagery at Fort...	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	09/15/97- 01/19/98	2390 \$17,345
Land Rehabilitation & Maintenance Program Support for Schofield Barracks, Hawaii	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	07/23/97- 07/22/98	2392 \$65,817

College: Natural Resources – Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj#/\$ Amt.
Land Rehabilitation & Maintenance Program Support for Schofield Barracks, Hawaii	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	07/23/97- 07/22/98	2392 \$6,000
LCTA II, ITAM Short Course & Army Restationing Analysis Support	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	08/01/97- 10/30/97	2393 \$23,846
LCTA Field Support for Alaska Army National Guard	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	08/01/97- 12/31/97	2395 \$14,476
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 \$67,667
Population Trends of Golden-Cheeked Warblers & Black-Capped Vireos on Camp Bullis, Texas	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	08/04/97- 01/05/98	2401 \$20,881
Integrated Cultural Resource Management Plan, USARC Sheridan, Lake County, Illinois (McCoy)	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	09/29/97- 09/28/98	2404 \$67,255
LCTA Field Support for Fort Campbell, Kentucky	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	10/01/97- 12/01/97	2405 \$14,775
LCTA Field Support for Fort Bragg, North Carolina	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	12/01/97- 11/30/98	2407 \$42,455
Historic Properties Inventory for Indiana, Michigan, & Minnesota (for McCoy, WI) ...	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	09/29/97- 09/28/98	2410 \$304,858
US Army Alaska Integrated Training Area Management Program Implementation	Shaw,Robert B	Forest Sciences DOD-ARMY	08/22/97- 08/21/98	2416 \$52,683
US Army Alaska Integrated Training Area Management Program Implementation	Shaw,Robert B	Forest Sciences DOD-ARMY	08/22/97- 08/21/98	2417 \$448,317
Wetland & Endangered Species Survey Support for Fort McCoy, Wisconsin	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	10/01/97- 09/30/98	2425 \$91,493
Data Application & Technology Development in Support of ITAM for USA-CERL	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	09/29/97- 09/28/98	2427 \$160,020
Cultural Resources Support	Shaw,Robert B	Forest Sciences DOD-Army	10/01/97- 09/30/98	2430 \$18,754
Cultural Resources Support	Shaw,Robert B	Forest Sciences DOD-Army	10/01/97- 09/30/98	2431 \$257,856
Risk & Ecological Assessment Research Support for Construction Engineering Research Lab	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	09/29/97- 09/28/98	2434 \$14,930
US Army Alaska Integrated Training Area Management Program Implementation	Shaw,Robert B	Forest Sciences DOD-ARMY	09/30/97- 05/31/98	2445 \$81,145
US Army Alaska Integrated Training Area Management Program Implementation	Shaw,Robert B	Forest Sciences DOD-ARMY	09/30/97- 05/31/98	2446 \$518,855
Why Does Forest Growth Decline With Stand Age? An Experimental Test	Binkley,Daniel E	Forest Sciences National Science Foundation	09/15/97- 05/31/00	3192 \$260,068
Ecosystem Significance of Soil as a Long Term Sink for Anthropogenic Additions of N	Burke,Ingrid C Maciel,Gary E	Forest Sciences National Science Foundation	08/01/97- 07/31/98	3258 \$229,498

College: Natural Resources – Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj#/\$ Amt.
Response of Rocky Mountain Conifers to Disturbance	Smith, Frederick W	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	08/21/96- 12/01/99	8704 \$30,000
Spatially Explicit Models of Oak Woodland Landscapes in California	Dean, Denis J	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	08/21/97- 09/15/98	8719 \$57,000
Tenure of Landscape Patterns in the Sangre de Cristo Mountain Range	Smith, Frederick W	Forest Sciences US Department of Agriculture	08/01/97- 12/30/98	8728 \$6,000
Assessment of the Economic Benefits of Living Snowfences	Bettters, David R	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	09/23/97- 09/30/98	8733 \$15,000
Water Quality & Ecosystem Studies in Northwest Alaska	Binkley, Daniel E	Forest Sciences USDA-USFS-Forest Research	07/10/96- 11/30/00	8788 \$30,000
LCTA Plot Allocation for Fort Custer, MI	Shaw, Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	09/14/95- 06/30/00	8993 \$1,080
Support for USACERL/SERDP TES Plant Conservation Efforts	Shaw, Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	09/14/95- 06/30/00	8994 \$6,897
LCTA Data Collection & Analysis 1998 & 1999	Shaw, Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	09/14/95- 06/30/00	8995 \$42,512
Ecological Management & Restoration Assistance on Eglin Air Force Base, Florida, Co...	Shaw, Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	09/14/95- 06/30/00	8996 \$45,000
Summary & Analyses of Maneuver Training Impact Data on Red-Cockaded Woodpeckers on Ft. S..	Shaw, Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	09/14/95- 06/30/00	8997 \$39,432
GIS Data Development & Digital Map for Wyoming National Guard	Shaw, Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	09/14/95- 06/30/00	8998 \$5,490
Continuation of Floristics Survey of Sheridan Training Area, Wyoming	Shaw, Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	09/14/95- 06/30/00	8999 \$44,924
LCTA Field Data Collection, Fort Campbell, Kentucky	Shaw, Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	09/14/95- 06/30/00	9001 \$70,369
Geographic Information Systems Training for Dr. Gonsel Kusek	Dean, Denis J	Forest Sciences CID-Consortium for Inter. Development	08/15/97- 11/15/97	9200 \$8,179
Development of New Information & Education Products / Collaborational Research	Covich, Alan P	Fishery & Wildlife Biology Colorado Division of Wildlife	07/02/97- 06/30/98	0073 \$62,350
Developing Tools to Predict Persistence of Extent & Reintroduced Colorado River Cutthroat...	Fausch, Kurt D	Fishery & Wildlife Biology Colorado Division of Wildlife	07/01/97- 06/30/98	0077 \$25,000
Face to Face with Wildlife	Covich, Alan P Herring, Renee	Fishery & Wildlife Biology Colorado Division of Wildlife	07/03/97- 06/30/98	0079 \$53,903
Wetlands Data Interpretation	Pague, Christopher A	Fishery & Wildlife Biology Colorado Department of Natural Resources	07/18/97- 08/15/98	0086 \$7,500
Upper Rio Grande/San Luis Valley Riparian	Pague, Christopher A	Fishery & Wildlife Biology Colorado Department of Natural Resources	07/18/97- 08/15/98	0087 \$66,000
Closed Basin Wetlands	Pague, Christopher A	Fishery & Wildlife Biology Colorado Department of Natural Resources	07/18/97- 08/15/98	0088 \$34,456

College: Natural Resources – Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj#/\$ Amt.
Evaluation of the Interagency Standardized Monitoring Program Technique (ISMP)	Bestgen, Kevin R	Fishery & Wildlife Biology Colorado Division of Wildlife	08/01/97- 06/30/98	0097 \$45,650
Douglas Preble's Meadow Jumping Mouse	Pague, Christopher A	Fishery & Wildlife Biology Colorado Division of Wildlife	08/28/97- 05/31/98	0201 \$34,100
The Effects of Cattail Invasion on Prairie Wetlands	Cooper, David J	Fishery & Wildlife Biology Colorado Department of Transportation	09/01/97- 03/31/98	0203 \$10,000
Toxicity Tests on Leachate for Mine Waste Characterization	Flickinger, Stephen A Nimmo, Del Wayne R	Fishery & Wildlife Biology USDI-GS-State Partnerships	08/01/97- 09/30/98	1702 \$8,000
Pallid Sturgeon: Morphological Redescription & Diagnosis of Larvae Based on a New, Gene...	Snyder, Darrel E	Fishery & Wildlife Biology DOI-USFWS-Fish & Wildlife Service	07/01/97- 09/30/98	1704 \$7,000
Foraging Behavior & Population Dynamics of Beaver in Regulated & Unregulated...	Wilson, Kenneth R	Fishery & Wildlife Biology DOI-National Biological Survey	09/15/96- 01/31/99	1787 \$49,941
Effects of Four Electrofishing Currents on Captive Subadult Colorado Squawfish	Bestgen, Kevin R	Fishery & Wildlife Biology DOI-Bureau of Reclamation	08/26/96- 09/30/98	1848 \$2,875
Contaminants & Endocrine Disruption in Fish	Beyers, Daniel W	Fishery & Wildlife Biology DOI-USGS-Geological Survey	07/21/97- 06/30/98	1891 \$29,832
Use of Fish & Macroinvertebrates to Assess the Toxicity of Metals in the Animas River...	Flickinger, Stephen A Nimmo, Del Wayne R	Fishery & Wildlife Biology DOI-USGS-Geological Survey	08/01/97- 11/30/98	1898 \$15,000
Non-lethal Methods for Reducing Conflicts with Rodents	Andelt, William F	Fishery & Wildlife Biology USDA-APHIS-Ag & Plant Health Insp Srvc	08/19/97- 08/18/98	2006 \$18,000
Resolving Conflicts with Wildlife	Andelt, William F	Fishery & Wildlife Biology USDA-APHIS-Ag & Plant Health Insp Srvc	08/19/97- 08/18/98	2016 \$5,000
Biotic Control of Detrital Processing in Hawaiian Streams	Covich, Alan P	Fishery & Wildlife Biology NSF-Biological Centers	07/15/97- 07/31/99	3260 \$44,478
Influence of Previous Exposure to Tolerance & Genetic Variability in Populations... Upper Purgatoire	Clements, William H Harrahy, Elisabeth Pague, Christopher A	Fishery & Wildlife Biology Soc. of Environ. Toxicology & Chemistry Fishery & Wildlife Biology The Conservation Fund	07/01/97- 06/30/98 05/01/97- 11/30/97	5185 \$15,000 5190 \$24,000
Delta County Inventory	Pague, Christopher A	Fishery & Wildlife Biology Delta County, CO	05/01/97- 02/28/98	5197 \$47,000
Role of Cliff Habitat in Avian Diversity	Knight, Richard L	Fishery & Wildlife Biology Jefferson County, Colorado	09/01/97- 12/31/00	5354 \$5,815
Biodiversity of the Jemez Mountains	Wilson, Kenneth R	Fishery & Wildlife Biology USDA-USFS-Rocky Mtn. Experiment Station	09/05/96- 04/30/98	8708 \$12,000
Bibliography of Cross-Boundary Management	Knight, Richard L	Fishery & Wildlife Biology USDA-Forest Service-Pacific NW Exp. Station	06/11/97- 12/31/97	8744 \$2,500
Food Web Consequences of Invasive Riparian Bamboo in Bisley Watershed, LEF	Covich, Alan P	Fishery & Wildlife Biology US Department of Agriculture	07/01/97- 06/30/98	8848 \$20,000
Habitat Management Support	Roath, L Roy	Rangeland Ecosystem Science Colorado Division of Wildlife	07/01/97- 06/30/98	0092 \$68,000

College: Natural Resources – Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj#/\$ Amt.
Biodiversity of a Montane Riparian Ecosystem as Affected by Previous Grazing	Leininger, Wayne C Trlica, Milton J	Rangeland Ecosystem Science USDA-CSRS-Coop. States Research Service	09/01/97- 08/31/99	1427 \$80,000
Long-term Consequences of N Stress on Recovery of Rangelands & Abandoned Croplands	Redente, Edward F Paschke, Mark W	Rangeland Ecosystem Science USDA-CSRS-Coop. States Research Service	10/01/97- 09/30/00	1429 \$265,000
Agricultural Research Internships for Early Career South African Scientists	Child, Dennis R	Rangeland Ecosystem Science USDA-ARS-Agricultural Research Service	09/30/96- 09/29/01	2087 \$60,000
Erosional Soil Loss & Its Effects on Rangeland Health & Productivity	Child, Dennis R	Rangeland Ecosystem Science USDA-ARS-Agricultural Research Service	06/18/97- 04/15/02	2102 \$150,000
Cooperative Work / Education Agreement for Rebecca Addington	Redente, Edward F	Rangeland Ecosystem Science DOD-ARMY-CERL-Const. Engineer. Res. Lab.	10/01/96- 09/30/97	2339 \$702
Evaluate & Establish Selected Native Plant Materials on Mancos Shale Soils	Redente, Edward F McLendon, Terry	Rangeland Ecosystem Science DOI-NPS-National Park Service	09/01/93- 09/01/98	2884 \$25,000
Ecological Plant Classification & Monitoring	Child, Dennis R	Rangeland Ecosystem Science USDA-USFS-Rocky Mtn. Experiment Station	09/23/97- 03/31/00	8730 \$32,000
Range-Watershed Training for Native Americans	Bartlett, Ellsworth T Smith, Freeman M	Rangeland Ecosystem Science USDA-USFS-Rocky Mtn. Experiment Station	05/23/94- 09/30/97	8756 \$19,999
Influence of Grazing on Mountain Plover Habitat	Trlica, Milton J Jr	Rangeland Ecosystem Science USDA-USFS-Rocky Mtn. Experiment Station	07/18/95- 05/30/98	8771 \$7,000
Turkey Project Training Expert Group 7A Tour of 10 Participants...	Rittenhouse, Larry R	Rangeland Ecosystem Science CID-Consortium for Inter. Development	09/10/97- 10/10/97	9212 \$13,852
The Willingness of Colorado Anglers to Incur Increased License Fees	Manfredo, Michael J	Nat Resource Recreation & Tourism Colorado Division of Wildlife	04/01/97- 06/30/98	0096 \$58,000
Human Dimensions in Natural Resources Research Unit	Manfredo, Michael J	Nat Resource Recreation & Tourism Colorado Division of Wildlife	07/01/97- 06/30/98	0370 \$140,000
Recreation Management of Western Water	Haas, Glenn E	Nat Resource Recreation & Tourism DOI-Bureau of Reclamation	09/30/97- 12/31/01	1736 \$20,000
Lower Sheenjek River Impact Analysis, Public Involvement, & River Management Plan	Vaske, Jerry J	Nat Resource Recreation & Tourism DOI-NPS-National Park Service	07/01/97- 06/30/98	1889 \$20,000
Environmental Learning Center Youth Council	Wells, Marcella A	Nat Resource Recreation & Tourism W.M.B. Berger Foundation	09/20/97- 08/07/98	5451 \$35,000
Exploring Shifts in Value Orientations Toward the Natural Environment	Manfredo, Michael J	Nat Resource Recreation & Tourism US Department of Agriculture	08/28/97- 08/31/02	8701 \$29,018
Establishment of Baseline Water Quality Conditions in the National Park Service	Hannah, Judith L	Earth Resources DOI-NPS-National Park Service	10/01/97- 09/30/99	1730 \$50,000
Development of Environmental Contaminant Encyclopedia	Stednick, John D	Earth Resources DOI-NPS-National Park Service	09/01/97- 09/30/98	1731 \$20,000
Hydrologic Effects of the Grand Ditch on Rocky Mountain National Park	MacDonald, Lee H Cooper, David J	Earth Resources DOI-NPS-National Park Service	06/01/96- 06/01/98	1818 \$15,000
Snow Distribution & Runoff Forecasting, Kings River Basin, California	Elder, Kevin J	Earth Resources DOD-ARMY-Corps of Engineers	08/15/96- 08/14/99	2322 \$15,543

College: Natural Resources – Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj#/\$ Amt.
Snow Distribution & Runoff Forecasting, Kings River Basin, California	Elder, Kevin J	Earth Resources DOD-ARMY-Corps of Engineers	08/15/96- 08/14/99	2322 \$11,989
Collaborative Research on the 190Pt-1860s System as a Test of Core-mantle Interaction	Morgan, John W	Earth Resources NSF-GEO-Geosciences	09/01/97- 08/31/98	3259 \$55,000
Principles & Guidelines for Evaluating Cumulative Effects	MacDonald, Lee H Loftis, Jim C	Earth Resources Environmental Protection Agency	07/01/97- 09/30/99	5810 \$48,860
Pheasant Survival	Anderson, David R	Cooperative Fish & Wildlife Research Colorado Division of Wildlife	07/01/97- 06/30/98	0080 \$28,250
Dynamics of Whirling Disease on the Cache La Poudre River	Bergersen, Eric P	Cooperative Fish & Wildlife Research Montana State University	05/01/97- 04/30/98	1602 \$34,487
Anthropogenic Influences on Common Ravens in the Mojave Desert	Knight, Richard L	Cooperative Fish & Wildlife Research DOI-National Biological Survey	07/01/97- 06/30/98	1809 \$44,066
Possible Long-term Declines in the Annual Probability of Survival in North America...	Anderson, David R Burnham, Kenneth P	Cooperative Fish & Wildlife Research DOI-National Biological Survey	07/01/97- 12/01/98	1874 \$6,000
Federal Clean-up Assistance	Bergersen, Eric P	Cooperative Fish & Wildlife Research DOI-USGS-Geological Survey	07/28/97- 10/31/97	1893 \$10,000
Federal Clean-up Assistance	Bergersen, Eric P	Cooperative Fish & Wildlife Research DOI-USGS-Geological Survey	07/28/97- 11/15/97	1893 \$15,000
Effects of Sediment Contaminants on Macroinvertebrate & Fish Assemblages on Lower Lakes..	Clements, William H	Cooperative Fish & Wildlife Research DOI-USFWS-Fish & Wildlife Service	07/01/94- 12/31/97	4120 \$8,211
SCOP: A System for Conservation	Hobbs, N Thompson Gross, John E	Natural Resource Ecology Lab Colorado Division of Wildlife	07/02/97- 06/30/98	0072 \$193,390
Ecological Modeling in Support of County Decision Making (GIS)	Hobbs, N Thompson	Natural Resource Ecology Lab Colorado Division of Wildlife	09/01/96- 06/30/98	0981 \$35,000
GIS to Determine Alfalfa Stem Nematode Occurrence & Alfalfa Disease Risk in the So. Pl...	Freckman, Diana W Niles, Robert K	Natural Resource Ecology Lab USDA-Western Region I.P.M. Program	09/15/97- 09/30/00	1430 \$196,499
Spatial Ecosystem Modeling of Yellowstone Bison & their Environments	Coughenour, Michael B	Natural Resource Ecology Lab DOI-USGS-Geological Survey	06/01/97- 05/31/02	1705 \$9,482
Century Erosion Study	Ojima, Dennis Parton, William J	Natural Resource Ecology Lab DOI-USGS-Geological Survey	09/15/97- 09/30/98	1728 \$35,000
Measurement of Mercury Deposition at Chassahowitzka & Okefenokee National Wildlife...	Swift, David M Welker, Mary C	Natural Resource Ecology Lab DOI-NPS-National Park Service	07/08/97- 09/30/98	1734 \$28,064
Summitville Mine Ecological Risk Assessment: Soil, Vegetation & Livestock Exposure...	Stohlgren, Thomas J	Natural Resource Ecology Lab DOI-USGS-Geological Survey	07/01/97- 08/31/98	1894 \$56,486
Bio-Atmospheric Cycles of Nitrogen & Carbon: Linking Global Air Pollution...	Parton, William J	Natural Resource Ecology Lab National Aeronautics & Space Admin.	08/01/97- 07/31/98	1932 \$25,000
Workshop on the Development of a Temperate East Asia Land-cover Database	Ojima, Dennis	Natural Resource Ecology Lab National Aeronautics & Space Admin.	08/01/97- 07/31/98	1943 \$35,000
VEMAP Phase II (Vegetation/Ecosystem Modeling & Analysis Project)	Ojima, Dennis Parton, William J	Natural Resource Ecology Lab National Aeronautics & Space Admin.	07/01/97- 06/30/98	1946 \$101,452

College: Natural Resources – Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj#/\$ Amt.
Shortgrass Steppe Ecosystem Dynamics & Trace Gas Exchange under Elevated CO2	Valentine,David W Parton,William J	Natural Resource Ecology Lab USDA-ARS-Agricultural Research Service	01/22/96- 12/30/00	2029 \$45,000
U.S. Agroecozones using GIS Colorado	Elliott,Edward T	Natural Resource Ecology Lab USDA-ARS-Agricultural Research Service	05/21/96- 09/30/99	2074 \$24,000
Quantifying the Change in Greenhouse Gas Emissions Due to Natural Resource Conservation...	Paustian,Keith H Elliott,Edward T	Natural Resource Ecology Lab USDA-NRCS-Natural Resources Conservtn Srv	09/30/96- 09/30/98	2090 \$60,000
The National Atmospheric Deposition Program (NRSP-3)	Swift,David M	Natural Resource Ecology Lab USDA-CSRS-Coop. States Research Service	10/01/92- 09/30/97	2113 \$203,376
The National Atmospheric Deposition Program (NRSP-3)	Swift,David M	Natural Resource Ecology Lab USDA-CSRS-Coop. States Research Service	10/01/92- 09/30/97	2113 \$152,797
Biotic Controls on Soil C Dynamics & N Cycling Under Elevated CO2	Milchunas,Daniel G Freckman,Diana	Natural Resource Ecology Lab NSF-GEO-Geosciences	04/01/98- 03/31/01	3169 \$450,000
Integrated Assessment of African Savannas with Spatial-Dynamic Vegetation & Land...	Coughenour,Michael B Ellis,James E	Natural Resource Ecology Lab NSF-GEO-Geosciences	09/01/97- 08/31/00	3202 \$450,000
Global Climate Change: Emissions, Control & Economic Analysis	Parton,William J Ojima,Dennis	Natural Resource Ecology Lab RCG/Hagler, Bailly, Inc.	01/23/97- 02/15/97	5902 \$2,600
Research in Agriculture	Elliott,Edward T	Natural Resource Ecology Lab USDA-ARS-Agricultural Research Service	10/01/96- 09/30/97	8020 \$3,512

College: Natural Sciences – Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj#/\$ Amt.
Study Groups in Sciences (CIMD)	Wilburn,Rezzella H	Dean of Natural Sciences Arizona State University	01/01/97- 12/31/97	3400 \$177
Excellence in Learning through Technology: Chemtrek II	Stein,Fredrick M Thompson,Stephen	Center for Science, Math & Tech Edu CCHE-Commission on Higher Education	06/18/97- 06/30/98	0108 \$93,250
Connected Math Projects Program	Bruckhart,Glenn	Center for Science, Math & Tech Edu Michigan State University	06/01/96- 05/31/98	3403 \$24,000
Rocky Mountain Teacher Education Collaborative	Stein,Fredrick M Hartley,Nancy K	Center for Science, Math & Tech Edu University of Northern Colorado	09/01/97- 05/31/98	3446 \$227,117
CIRB Fellowship	Nyborg,Jennifer K	Biochemistry & Molecular Biology CIRB-Colo. Inst. Research in Biotech.	07/01/97- 06/30/98	0095 \$8,000
Fellowship for Andrea Terrell	Laybourn,Paul J	Biochemistry & Molecular Biology CIRB-Colo. Inst. Research in Biotech.	07/01/97- 06/30/98	0205 \$8,000
Reaction Center Dynamics	Schenck,Craig C Levinger,Nancy E	Biochemistry & Molecular Biology USDA-CSRS-CGP-Competitive Grants Program	08/15/97- 08/19/99	1426 \$110,000
ADF/Cofilin in Early Vertebrate Development	Bamburg,James R	Biochemistry & Molecular Biology HHS-PHS-Biophysics & Physiological Sci.	04/01/97- 03/31/98	7623 \$28,971
Mechanism of pH-response in PCK Gene Expression	Curthoys,Norman P	Biochemistry & Molecular Biology HHS-PHS-Kidney Dis., Urology/Hematology	07/01/97- 06/30/98	7736 \$170,578
Control of Renal Glutaminase Induction during Acidosis	Curthoys,Norman P	Biochemistry & Molecular Biology HHS-PHS-Diabetes, Endocrin. & Metab. Res	08/25/97- 08/31/98	7762 \$181,603
Actin Reorganization via Ca-signaling in Growth Cones	Bamburg,James R	Biochemistry & Molecular Biology HHS-PHS-Senior International Fellowships	07/12/97- 05/31/99	7926 \$34,284
New Methods & Applications for Bioconjugation	Greenberg,Marc M	Chemistry University of Colorado	07/01/97- 06/30/98	0093 \$15,000
Apoenzyme-based Molecular-recognition Membranes for Enantioseparations	Martin,Charles R	Chemistry NSF - Engineering Grant	09/01/97- 08/31/98	3140 \$49,665
Solvation & Reaction Dynamics in Liquids & Molecular Clusters	Ladanyi,Branka M	Chemistry NSF-MPS-Mathematical & Physical Sciences	08/01/95- 01/31/98	3235 \$64,000
Dynamics of Polar Solvation & Chemical Reactions at the Interface between Immiscible...	Levinger,Nancy E	Chemistry NSF-MPS-Mathematical & Physical Sciences	08/01/94- 07/31/98	3387 \$48,000
A Study of New Actinide Zintl Ion Materials	Dorhout,Peter K	Chemistry DOE-Office of Energy Research	09/01/97- 08/31/98	3820 \$77,039
Studies of Intramolecular Photoinduced Charge Separation & Donor-Acceptor Interaction...	Elliott,C Michael	Chemistry US Department of Energy	09/15/97- 01/14/99	3837 \$187,000
Multinuclear Magnetic Resonance Study of the Interactions of Pollutants with Major Soil...	Maciel,Gary E	Chemistry DOE-Basic Energy Sci / Univ & Sci Educ	07/01/97- 06/30/98	3860 \$110,000
An Alternative to Autografts for Orofacial Repair	Grainger,David	Chemistry Oregon Health Sciences University	06/01/97- 05/31/98	4347 \$9,995
Mechanistic Studies of Nucleic Acid Damage	Greenberg,Marc M	Chemistry HHS-PHS-Pharmacology & Biorelated Chem	07/01/97- 06/30/98	4446 \$160,512

College: Natural Sciences – Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj#/\$ Amt.
Synthesis of Bioactive Cyclams, Biscyclam & Complexes	Hegedus,Louis S Greenberg,Marc M	Chemistry HHS-PHS-Pharmacology & Biorelated Chem	08/01/97- 07/31/98	4448 \$150,634
Solvation & Electron Transfer Dynamics in Reverse Micelles	Levinger,Nancy E	Chemistry American Chemical Society	08/01/97- 08/31/99	5196 \$50,000
Developing New Methods for Asymmetric Epoxidation of Unfunctionalized Olefins	Shi,Yian	Chemistry Arnold & Mabel Beckman Foundation	07/01/97- 06/30/98	5446 \$100,000
Hewlett Packard Graduate Student Research Fellowship	Grainger,David Fisher,Ellen R	Chemistry Hewlett Packard	07/01/97- 06/30/98	6176 \$58,000
NMR Studies of Modified Carbon Blacks	Maciel,Gary E	Chemistry Cabot Power Corp.	01/01/97- 01/01/98	6229 \$15,921
B12 Dependent Ribonucleotide Reductase Metallochemistry	Finke,Richard G	Chemistry HHS-PHS-Diabetes, Endocrin. & Metab. Res	07/01/97- 06/30/98	7655 \$155,961
Los Alamos National Lab Agreement for Dr. Oldehoeft	Oldehoeft,Rodney R	Computer Science Univ. California-Los Alamos National Lab	07/01/97- 09/30/98	3998 \$17,373
Scanning Probe Microscopy of Superconducting Systems	Field,Stuart	Physics NSF-MPS-Mathematical & Physical Sciences	08/15/97- 07/31/98	3071 \$92,894
Light Force Manipulation of Aluminum Atoms	Lee,Siu Au	Physics Harvard University	03/15/95- 01/31/99	3470 \$54,562
Ion/Excited-Atom Collision Studies with a Rydberg Target & a CO2 Laser	Lundeen,Stephen R	Physics DOE-Basic Energy Sci / Univ & Sci Educ	09/01/97- 08/31/98	3812 \$56,305
Ion/Excited-Atom Collision Studies with a Rydberg Target & a CO2 Laser - OFF CAMPUS	Lundeen,Stephen R	Physics DOE-Basic Energy Sci / Univ & Sci Educ	09/01/97- 08/31/98	3814 \$48,695
Research in Collider Physics	Wilson,Robert J Toki,Walter	Physics US Department of Energy	04/15/97- 04/14/98	3859 \$30,000
Physics Research at the Stanford Linear Accelerator Center B Factory (Supplement)	Toki,Walter	Physics Stanford University	06/01/97- 08/14/97	9333 \$27,062
Adolescent AOD Use Among Asian Groups	Beauvais,Frederick Oetting,Eugene R	Psychology Southwest Regional Laboratories	09/30/94- 08/31/97	4342 \$105,574
Adolescent Drug Use in Rural America	Edwards,Ruth W	Psychology HHS-PHS-Drug Abuse Research Programs	08/01/97- 07/31/98	4423 \$388,307
Preventing Intimate Violence in Rural Minority Communities	Edwards,Ruth W	Psychology HHS-CDC-Environ. Hlth & Injury Control	09/01/97- 08/31/98	4425 \$244,701
Adolescent Drug Use in Rural America: Research Supplement for Underrepresented Minorities...	Edwards,Ruth W	Psychology HHS-PHS-Drug Abuse Research Programs	09/01/97- 08/31/98	4458 \$60,596
Mexican-American Dropouts & Drug Use	Chavez,Ernest L Swaim,Randall C	Psychology HHS-PHS-Drug Abuse Research Programs	07/01/97- 06/30/98	4843 \$311,981
School Consultation / Special Education	Rosen,Lee A	Psychology Poudre R-1	08/16/96- 06/05/98	5625 \$43,580
Experimental Investigation of the Threshold of Acceptability	Bell,Paul A	Psychology USDA-USFS-Rocky Mtn. Experiment Station	08/26/97- 03/01/99	8713 \$19,000

College: Natural Sciences – Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj#/\$ Amt.
Statistical Modeling for Farming Operations	Hoeting,Jennifer A Davis,Richard A	Statistics USDA-ARS-Agricultural Research Service	07/01/97- 08/30/98	2116 \$50,000
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
Continued Development of Bowhead Aboriginal Whaling Management Procedures	Givens,Geof H	Statistics Alaska Department of Wildlife Management	09/12/97- 06/30/98	5021 \$59,997
CASE-Statistical Research	Zumbrunnen,James R	Statistics Various "For Profit" Sponsors	09/01/95- 05/31/99	6131 \$210
CASE-Statistical Research	Zumbrunnen,James R	Statistics Various "For Profit" Sponsors	09/01/95- 05/31/99	6131 \$150
CASE-Statistical Research	Zumbrunnen,James R	Statistics Various "For Profit" Sponsors	09/01/95- 05/31/99	6131 \$250
CASE-Statistical Research	Zumbrunnen,James R	Statistics Various "For Profit" Sponsors	09/01/95- 05/31/99	6131 \$1,288
CASE-Statistical Research	Zumbrunnen,James R	Statistics Various "For Profit" Sponsors	09/01/95- 05/31/99	6131 \$140
CASE-Statistical Research	Zumbrunnen,James R	Statistics Various "For Profit" Sponsors	09/01/95- 05/31/99	6131 \$630
CASE-Statistical Research	Zumbrunnen,James R	Statistics Various "For Profit" Sponsors	09/01/95- 05/31/99	6131 \$100
CASE-Statistical Research	Zumbrunnen,James R	Statistics Various "For Profit" Sponsors	09/01/95- 05/31/99	6131 \$192
CASE-Statistical Research	Zumbrunnen,James R	Statistics Various "For Profit" Sponsors	09/01/95- 05/31/99	6131 \$225
Effects of Changing Land Use on Wildlife Diversity	Wiens,John A Miller,James Robert	Biology Colorado Division of Wildlife	07/01/97- 06/30/98	0078 \$15,010
Rearing & Analysis of Reintroduction Methods for Boreal Toads	Wunder,Bruce A	Biology Colorado Division of Wildlife	07/01/97- 06/30/98	0090 \$23,524
Manipulation of Expression of KCBP in Arabidopsis	Reddy,Anireddy S N	Biology CIRB-Colo. Inst. Research in Biotech.	07/01/97- 06/30/98	0094 \$8,000
Baseline Conditions & Potential Effects Acid Mine Drainage on Water...	Wunder,Bruce A Nimmo,Del Wayne R	Biology DOI-National Biological Survey	05/01/96- 10/30/99	1807 \$62,222
Toxicological Studies at the Eastern Municipal Water District Wetlands, Hemet, California	Wunder,Bruce A Nimmo,Del Wayne R	Biology DOI-National Biological Survey	06/01/96- 11/30/98	1827 \$13,000
Gravity-induced Changes in Gene Expression in Arabidopsis	Reddy,A Mykles,Donald L	Biology National Aeronautics & Space Admin.	09/22/97- 09/21/98	1949 \$172,340
Development of Brown Tree Snake Baits & Repellents	Wright,William G	Biology USDA-APHIS-Ag & Plant Health Insp Srv	10/01/96- 09/30/97	2097 \$4,996
Use of Transgenic Plants & Pollen to Study Pollen Extensins	Bedinger,Patricia A	Biology National Science Foundation	06/01/97- 05/31/98	3265 \$57,486

College: Veterinary Medicine & Biomedical Sciences – Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj#/\$ Amt.
Professional Veterinary Medicine--CCHE Program of Excellence	Voss,James L Jones,Robert L	Dean of Veterinary Medicine CCHE-Commission on Higher Education	07/01/97- 06/30/98	0112 \$141,510
Colorado State University VETPREP	Tucker,Alan	Dean of Veterinary Medicine HHS-PHS-Health Careers Opportunity Prgm	09/01/97- 08/31/98	7924 \$122,269
Do NMDA & Non-NMDA Glutamate Receptor Share a Common Functional Domain?	Partin,Kathryn M	Anatomy & Neurobiology NSF-Biological Centers	07/01/97- 06/30/98	3256 \$49,938
Signaling between Calcium Channels	Beam,Kurt G	Anatomy & Neurobiology Harvard University	09/08/97- 07/31/98	4306 \$189,702
Rocky Mountain Taste & Smell Center	Kinnamon,Sue C	Anatomy & Neurobiology University of Colorado Health Sci Ctr	04/01/97- 03/31/98	4352 \$23,431
Control of Calcium Movement in Muscle	Dirksen,Robert T	Anatomy & Neurobiology HHS-NIH-Arthr., Musclesk. & Skin Disord.	09/01/97- 08/31/98	4457 \$108,060
Calcium Channels & Tonic Fibers of Extraocular Muscle	Korotzer,Andrew R Beam,Kurt G	Anatomy & Neurobiology HHS-PHS-Vision Research	10/01/97- 09/30/98	4903 \$29,900
Neuroanatomic Substrate for HIV-associated Seizures	Dudek,F Edward Fails,Anna Dee	Anatomy & Neurobiology HHS-PHS-Biol Basis Research in Neurosci	09/01/97- 08/31/98	4934 \$35,300
Uptake of Glutamate May Contribute to Ischemic Brain Damage	Madl,James E	Anatomy & Neurobiology American Heart Association of Colorado	07/01/97- 06/30/98	5118 \$30,000
Role of the CzA Domain of Synaptotagmin in Neurotransmitter Release	Reist,Noreen E	Anatomy & Neurobiology American Heart Association	07/01/97- 06/30/98	5169 \$25,000
Molecular Mechanism of Negative Modulation of AMPA Receptors by 2,3-Benzodiazepine	Partin,Kathryn M	Anatomy & Neurobiology American Heart Association	07/01/97- 06/30/98	5175 \$25,000
Synaptic Reorganization After Cerebral Ischemia	Dudek,F Edward	Anatomy & Neurobiology American Heart Association	07/01/97- 06/30/98	5176 \$28,789
Structure/Analysis of Synaptotagmin in Neurotransmitter Release	Reist,Noreen E	Anatomy & Neurobiology Muscular Dystrophy Association, Inc.	07/01/97- 06/30/00	5194 \$166,293
Stem Cell Gene Therapy: Improved Retroviral Vectors for Ribozyme Gene Delivery...	Akkina,Ramesh K	Pathology University of Colorado	07/01/97- 06/30/98	0200 \$20,000
Impact of Anti-viral Therapies on Pathogenic FIC Infection	Hoover,Edward A	Pathology University of Washington	06/01/97- 05/31/98	4355 \$104,991
Characterization of Feline Model of Niemann-Pick Type C	Thrall,Mary Anna	Pathology HHS-PHS-Comparative Medicine Program	09/30/97- 09/29/98	4413 \$137,556
T Cell Mediated Pathologic Responses to Murine Malaria	Avery,Anne C Wassom,Donald L	Pathology HHS-PHS-AID-Microbio & Infectious Dis Re	08/01/97- 07/31/98	4424 \$74,688
Perinatal Mucosal FIV Infection & Intervention	Obert,Leslie A Hoover,Edward A	Pathology HHS-PHS-AID-Microbio & Infectious Dis Re	09/01/97- 08/31/98	4426 \$74,554
The Role of JSRV in Ovine Pulmonary Carcinoma	Demartini,James C Carlson,Jonathan O	Pathology HHS-NIH-NCI-National Cancer Institute	08/01/97- 05/31/98	4449 \$286,452
The Role of JSRV in Ovine Pulmonary Carcinoma	Demartini,James C Carlson,Jonathan O	Pathology HHS-NIH-NCI-National Cancer Institute	08/01/97- 05/31/98	4449 \$31,031

College: Veterinary Medicine & Biomedical Sciences – Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj#/\$ Amt.
Immunopathogenesis of Transmucosal FIV Infection	Hoover,Edward A Burkhard,Mary Jo	Pathology HHS-NRSA-Nat. Research Service Award	08/01/97- 07/31/98	4964 \$35,300
The Human Immune Response to Leishmania Major in Vitro System	Titus,Richard Garreis-Chasey,K	Pathology Intl Fndtn for Ethical Research, Inc.	09/01/97- 08/31/98	5452 \$14,500
Maxadilan-based Vaccines for Leishmaniasis	Titus,Richard	Pathology Heska Corporation (Paravax)	07/01/97- 06/30/98	6271 \$12,500
Stem Cell Gene Therapy: Improved Retroviral Vectors for Gene Delivery	Akkina,Ramesh K	Pathology Amgen, Inc.	09/01/97- 09/30/98	6274 \$35,000
Use of Liposomes to Cryopreserve Rooster Sperm	Graham,James K	Physiology USDA-CSRS-CGP-Competitive Grants Program	09/01/97- 08/31/99	1415 \$210,322
Animal Reproduction & Biotechnology Laboratory Facility	Amann,Rupert P Baker,Ronald Alan	Physiology USDA-CSRS-CGP-Competitive Grants Program	06/01/94- 05/31/98	1477 \$1,067,000
Computer Simulation of Cardiovascular Function in Reduced Gravity	Tucker,Alan Gotshall,Robert	Physiology National Aeronautics & Space Admin.	07/01/97- 06/30/98	1904 \$22,000
Anti-Androgenic Pesticides: Impact on Male Reproduction	Veeramachaneni,D N R	Physiology Environmental Protection Agency	10/01/97- 09/30/00	5811 \$454,974
Nerve Regeneration Screen	Ishii,Douglas N	Physiology Aurogen, Inc.	09/01/96- 12/31/97	6207 \$9,300
Potential Improvement of Fertility in Cattle	Seidel,George E Jr	Physiology Biopore, Inc.	06/23/97- 12/31/97	6259 \$15,851
Recovery from Nerve Injury - Project 4	Ishii,Douglas N	Physiology HHS-CDC-Environ. Hlth & Injury Control	09/01/97- 08/31/98	7704 \$62,054
Molecular Physiology of Uterine Sodium Channels	Tamkun,Michael	Physiology HHS-PHS-Research for Mothers & Children	07/01/97- 05/31/98	7765 \$168,929
Pathogenesis of Diabetic Neuropathy 09	Ishii,Douglas N	Physiology HHS-PHS-Biol Basis Research in Neurosci	09/30/97- 08/31/98	7770 \$239,679
Mechanisms of GnRH Receptor Gene Expression	Clay,Colin Duval,Dawn L	Physiology HHS-NRSA-Nat. Research Service Award	09/01/96- 08/31/98	7922 \$28,600
Training in Mammalian Reproductive Biology	Niswender,Gordon D	Physiology HHS-PHS-Population Research	07/01/97- 04/30/98	7927 \$88,117
Responses of Leukemic Cells & Transfections to X-rays & Heat Treatments	Lett,John T	Radiological Health Sciences DOD-USAF-Air Force	09/28/95- 09/30/97	2586 \$6,500
HZE Radiation Induced Chromosomal Instability	Bedford,Joel S	Radiological Health Sciences HHS-NIH-NCI-National Cancer Institute	09/30/97- 03/31/98	7772 \$92,428
Detection of Cryptic Chromosome Inversions	Bedford,Joel S	Radiological Health Sciences HHS-Cancer Detection-Diagnosis Research	09/30/97- 09/29/98	7773 \$143,029
Radiological Sciences Basic to Cancer Research	Bedford,Joel S	Radiological Health Sciences HHS-PHS-Cancer Research Manpower	09/01/97- 08/31/98	7928 \$239,412
Specialized Centers of Research & Training	Gillette,Edward L Borak,Thomas B	Radiological Health Sciences Univ California-Lawrence Berkeley Lab	07/01/97- 12/31/97	9327 \$1,015,248

College: Veterinary Medicine & Biomedical Sciences – Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj#/\$ Amt.
Project 2B: DNA Repair & Early Development of Chromosomal Changes	Bedford,Joel S	Radiological Health Sciences Univ California-Lawrence Berkeley Lab	07/01/97- 12/31/01	9328 \$338,481
Project 3B: Mechanisms & Modulation of Mutagenesis	Waldren,Charles A	Radiological Health Sciences Univ California-Lawrence Berkeley Lab	07/01/97- 12/31/01	9329 \$373,424
Project 4: Role of the Microenvironment in Radiation Responses of Epithelial Cells...	Gillette,Edward L	Radiological Health Sciences Univ California-Lawrence Berkeley Lab	07/01/97- 12/31/01	9330 \$345,344
Ecological Risk Assessment Methodology for the Savannah River Site	Whicker,F Ward	Radiological Health Sciences University of Georgia	04/30/97- 12/31/97	9331 \$31,775
Ecological Risk Assessment Methodology for the Savannah River Site	Whicker,F Ward	Radiological Health Sciences University of Georgia	04/30/97- 12/31/97	9332 \$15,786
Exposure to Metals in Albuquerque Constructed Wetland Test Cells	Ramsdell,Howard S	Environmental Health DOI-USGS-Geological Survey	09/01/97- 07/01/98	1801 \$10,000
Summitville Mine/Alamosa River: Livestock Exposure Investigation	Ramsdell,Howard S Kimberling,Cleon V	Environmental Health DOI-USGS-Geological Survey	07/31/97- 08/31/98	1896 \$53,959
Conference of the International Society of Veterinary Epidemiology	Salman,M D	Environmental Health USDA-APHIS-Animal Damage Control	06/17/97- 06/16/98	2119 \$5,000
Conference: Current Issues on Chemical Mixtures	Yang,Raymond S H	Environmental Health DOD-ARMY-Medical Research & Development	07/01/97- 09/30/98	2394 \$5,000
Factors Associated with Relinquishment of Dogs & Cats	Salman,Mowafak D	Environmental Health Nat'l Council Pet Population Study/Policy	01/01/95- 12/31/97	5032 \$19,200
Wyoming Department of Agriculture - Study Field Project in Food Protection	Blehm,Kenneth D	Environmental Health State of Wyoming	05/27/97- 08/05/97	5184 \$1,000
Organochlorine Compounds & Risk of Breast Cancer	Tessari,John Domenic	Environmental Health Yale University	09/30/96- 09/29/97	7510 \$70,995
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 \$579,000
Historical Prospective Study: Breast Cancer & Organochlorine Pesticides & Polychlori...	Keefe,Thomas J	Environmental Health HHS-NIH-NCI-National Cancer Institute	08/19/97- 07/31/98	7625 \$35,274
Colorado Injury Control Research Center	Stallones,Lorann	Environmental Health HHS-CDC-Environ. Hlth & Injury Control	09/01/97- 08/31/98	7700 \$223,522
Colorado Farm Family Health & Hazard Surveillance	Stallones,Lorann	Environmental Health HHS-Occup Safety/Health Research Grants	09/28/96- 09/27/98	7737 \$241,948
Melatonin & Occupational Electric & Magnetic Fields Exposure	Reif,John S	Environmental Health HHS-NIH-Environmental Health Services	08/20/96- 07/31/98	7740 \$276,893
Symposium on Current Issues of Chemical Mixtures	Yang,Raymond S H	Environmental Health HHS-PHS-Superfund Hazardous Substances	04/01/97- 03/31/98	7760 \$10,000
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- 07/31/98	7768 \$20,000
Evaluation of HomeSafe: Injury Prevention & Outcomes	Bigelow,Philip L Herron,Robert E	Environmental Health HHS-Occup Safety/Health Research Grants	09/30/97- 09/29/98	7771 \$189,135

College: Veterinary Medicine & Biomedical Sciences – Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj#/\$ Amt.
Industrial Hygiene Training Program	Buchan,Roy M	Environmental Health HHS-Occup Health/Safety Training Grants	07/01/97- 06/30/98	7955 \$73,029
IPA for Gary Coulter	Coulter,Gary R	Microbiology NASA-ARC-Ames Research Center	07/01/97- 06/30/98	1975 \$79,590
Workshop on Novel Trends in Environmental & Agricultural Biotechnology	Klein,Donald A Tengerdy,Robert	Microbiology NSF-SBE-Social, Behav & Econ Sciences	01/01/97- 08/31/98	3264 \$15,000
Exploitation of Novel Pathways for New TB Therapeutics	McNeil,Michael R	Microbiology National Jewish Center	06/01/97- 05/31/98	4304 \$115,874
New Drugs for Mycobacterial Infections in AIDS Patients	McNeil,Michael R Besra,Gurdyal S	Microbiology Southern Research Institute	07/01/97- 06/30/98	4357 \$38,126
Tuberculosis Research Materials & Vaccine Testing	Belisle,John T Orme,Ian M	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	07/01/97- 06/30/99	4444 \$1,730,896
Tuberculosis Research Materials & Vaccine Testing	Belisle,John T Orme,Ian M	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	07/01/97- 06/30/99	4445 \$408,205
Selection of Aedes aegypti Refractory to Dengue Virus	Black,William C IV	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	08/01/97- 07/31/98	4451 \$65,406
Cell Wall of M. Tuberculosis; Focus for Drug Discovery	Brennan,Patrick J	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	08/01/97- 07/31/98	4454 \$505,969
Cell Wall of M. Tuberculosis; Focus for Drug Discovery	Belisle,John T	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	08/01/97- 07/31/98	4455 \$109,558
Cell Wall of M. Tuberculosis; Focus for Drug Discovery	Inamine,Julia M	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	08/01/97- 07/31/98	4456 \$144,011
Molecular Definition of M. avium Colony Morphotypes	Inamine,Julia M Belisle,John T	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	09/01/97- 05/31/98	4460 \$151,404
Molecular Determinants of Dengue Epidemic Potential in North America	Beaty,Barry J	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	09/30/97- 08/31/98	4464 \$286,843
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 \$80,139
Cell Wall Biogenesis--Target for New Anti-TB Drugs	McNeil,Michael R	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	09/01/97- 08/31/98	4603 \$313,256
Molecular Genetic Analysis of Mycobacterium Tuberculosis	Inamine,Julia M	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	08/01/97- 07/31/98	4649 \$64,422
Targeting DNA Vaccines to Professional Antigen Presenting Cells	Howell,Mark D	Microbiology Immune Response Corporation	07/01/96- 06/30/98	6191 \$25,000
Options for Monitoring of Equine Diseases in the United States	Traub-Dargatz,Josie	Clinical Sciences USDA-APHIS-Ag & Plant Health Insp Srv	10/11/96- 09/30/97	2088 \$10,000
The Role of Type XI Collagen in the Functional Integrity of Normal & Osteoarthritic...	Oxford,Julia Thom	Clinical Sciences Arthritis Foundation	07/01/96- 06/30/99	5421 \$75,000
Synovial Fluid & Tissue Expression of Degradative Enzymes, Inflammatory Mediators &...	Trotter,Gayle W Trumble,Troy	Clinical Sciences Southern California Equine Fndn, Inc.	09/01/97- 08/31/98	5447 \$11,095

College: Veterinary Medicine & Biomedical Sciences – Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj#/\$ Amt.
Determination of Contact Stresses in the Carpal & Femorotibial Joint of Horses, &	McIlwraith,C Wayne Kawcak,Christopher E	Clinical Sciences Southern California Equine Fndn, Inc.	09/01/97- 08/31/98	5448 \$44,927
Cardiopulmonary & Vascular Remodeling Effects of Raloxifene in Ovariectomized Ewes	Turner,Anthony Simon	Clinical Sciences Lilly Research Laboratories	09/09/97- 09/08/98	6026 \$37,228
Evaluation of Mechanism of Action of Intravenous Hyaluronan (Legend) in the Horse	McIlwraith,C Wayne Hendrickson,Dean A	Clinical Sciences Bayer Corp. / Agriculture Division	06/01/96- 12/31/98	6193 \$27,929
Pilot Study of Safety & Efficacy of Resonant Frequency Stimulation of Bone Healing	Egger,Erick L	Clinical Sciences Dr. Robert Rieman	07/11/97- 08/31/97	6258 \$500
Pilot Study of Safety & Efficacy of Resonant Frequency Stimulation of Bone Healing	Egger,Erick L	Clinical Sciences Dr. Robert Rieman	07/11/97- 08/31/97	6258 \$500
Pilot Study of Safety & Efficacy of Resonant Frequency Stimulation of Bone Healing	Egger,Erick L	Clinical Sciences Dr. Robert Rieman	07/11/97- 08/31/97	6258 \$500
Pilot Study of Safety & Efficacy of Resonant Frequency Stimulation of Bone Healing	Egger,Erick L	Clinical Sciences Dr. Robert Rieman	07/11/97- 08/31/97	6258 \$800
In Vivo Postvaccinal Reaction & Gas Chromatographic Evaluation of New Combined Feli...	Macy,Dennis W	Clinical Sciences Rhone Merieux, Inc.	07/01/97- 06/30/98	6261 \$7,656
Oral Use of Low Dose Natural Human Interferon Alpha for the Treatment of Canine Keratoc...	Roberts,Steven M	Clinical Sciences Virbac, Inc.	07/01/97- 06/30/98	6263 \$60,240
Disc Replacement Therapy: A Pilot Study in Sheep	Turner,Anthony Simon	Clinical Sciences Sulzer Innotec, Winterthur, Switzerland	07/24/97- 10/24/97	6265 \$24,641
Investigation of Hepatic Oxidant Damage in Dogs with Chronic Hepatitis...	Twedt,David C	Clinical Sciences Iams Company	09/06/96- 09/01/99	6266 \$31,127
Effects of Dietary N-3 Fatty Acid Supplementation on a Model of Glomerulonephrit...	Grauer,Gregory F Greco,Deborah S	Clinical Sciences Iams Company	09/01/97- 09/01/99	6268 \$80,363
Effectiveness of Calcium Phosphate Cement for Vertebral Body Strengthening in an Osteo	Turner,Anthony Simon	Clinical Sciences Howmedica	09/01/97- 01/31/99	6269 \$27,402
Evaluation of CollaSeal Hemostatic Device & Tisseel Fibrin Sealant for Hemostatic ...	Turner,Anthony Simon	Clinical Sciences Cohesion Corporation	09/12/97- 01/31/98	6270 \$43,698
Evaluation of a Cohesion Polymer after Left Atriotomy in an Ovine Model	Monnet,Eric	Clinical Sciences Cohesion Corporation	10/01/97- 10/31/98	6272 \$10,037
Direct Current Stimulation of Lumbar Fusion: A Study in Sheep	Turner,Anthony Simon	Clinical Sciences EBI-Electro-Biology, Inc.	10/01/97- 09/30/98	6273 \$61,233
Augmentation of Trabecular Bone by Low Magnitude Strain	Turner,Anthony Simon	Clinical Sciences State University of New York	12/01/96- 11/30/97	7511 \$126,046

College: Other – Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj#/\$ Amt.
Educational Talent Search	Thayer,Paul B	Talent Search Program DE-Department of Education Talent Search	09/01/94- 08/31/98	4224 \$261,789
Graduate Research Fellowship Program for David Ahije vych	Rutledge,Steven A	Graduate School NSF-EHR-Education & Human Resources	09/01/97- 08/31/98	3601 \$24,500
Graduate Research Fellowship Program	Rutledge,Steven A	Graduate School NSF-EHR-Education & Human Resources	09/01/97- 08/31/98	3602 \$31,700
Fellowship for Russell Young	Jaros,Dean	Graduate School National Science Foundation	06/01/92- 05/31/93	3614 \$2,000
Patricia Roberts Harris Fellowship Program -- Doctoral Study	Jaros,Dean	Graduate School US Department of Education	09/01/97- 08/31/98	4202 \$97,804
Ronald E. McNair Postbaccalaureate Achievement Program	Wilcox,Anne M	Graduate School DE-Ronald E McNair Post-Baccal Achieve	10/01/97- 09/30/98	4207 \$197,600
Peace Corps Strategy Contract with CSU, 1997-98	Denney,Martha A	International Education Action/Peace Corps (Use CN0000)	10/01/97- 09/30/98	1000 \$13,700
Northern Front Range Air Quality Study	Smith,Ralph E	V P Research & Info Technology Governors Office	09/19/95- 10/01/98	0835 \$25,350
Northern Front Range Air Quality Study	Smith,Ralph E	V P Research & Info Technology Governors Office	09/19/95- 10/01/98	0835 \$64,000
Planning Trip to Turkey; Turkey EAWT Project	Niehaus,Merle H	International Research & Development CID-Consortium for Inter. Development	03/01/97- 04/20/97	9225 \$8,664
Partners in Parenting	Martin,Dorothy H Whaley,Christine B	Cooperative Extension Colorado Department of Human Service	07/01/97- 06/30/98	0048 \$87,469
Colorado Youth Council	Martin,Dorothy H Millich,Krystie Rose	Cooperative Extension Colorado Department of Human Service	07/01/97- 06/30/98	0060 \$11,535
Colorado STAND	Luevane,Carmen Mendo	Cooperative Extension Colorado Department of Human Service	07/01/97- 06/30/98	0081 \$25,622
Department of Local Affairs Work Study	Katers,Timothy J	Cooperative Extension Colorado Department of Local Affairs	07/01/97- 06/30/98	0082 \$3,900
Colorado Youth Council	Millich,Krystie Rose Steele,Doug	Cooperative Extension Colorado Department of Education	09/10/97- 06/30/98	0207 \$10,000
Communities in Economic Transition Six-State Pilot Project	Knop,Sheila A Lamm,Dennis	Cooperative Extension Texas A & M	09/01/96- 09/30/98	1319 \$15,540
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 \$114,669
Primary Prevention for 2- to 5 Year old Youth & Their High-Risk Parents & Caregivers...	Miller-Heyl,Janet L MacPhee,David L	Cooperative Extension HHS-PHS-Prev of Alco & Drug Abuse/Youth	09/30/97- 09/29/98	4453 \$33,988
Primary Prevention for 2- to 5 Year-Old Youth & Their High-risk Parents & Caregivers...	Miller-Heyl,Janet L	Cooperative Extension HHS-PHS-Prev of Alco & Drug Abuse/Youth	09/30/97- 09/29/98	4462 \$49,159
DARE to be You DARE-PAIR for Montezuma County, Colorado	Miller-Heyl,Janet L	Cooperative Extension Montezuma County Partners, Inc.	07/01/97- 06/30/98	5002 \$21,721

College: Other – Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj#/\$ Amt.
Project Wild Clerical Assistance	Bahm,Michael G	Colorado State Forest Service Colorado Division of Wildlife	07/01/97- 06/30/98	0089 \$17,133
Denver Urban Resources Partnership Program	Hubbard,James E Hofer,Philip J	Colorado State Forest Service DOI-NPS-National Park Service	06/01/95- 09/01/98	4155 \$30,000
Colorado State University Educational Opportunity Center	Thayer,Paul B	Center-Educational Assess/Outreach DE-Educational Opportunity Centers	11/01/97- 10/31/98	4221 \$365,279
Student Support Services	Aragon,Geraldine J	Academic Advancement Center DE-Student Support Services	09/01/97- 08/31/98	4261 \$223,633

College: Other -- Awards

Title	Principal Investigator	Department / Sponsor Name	Dates	Proj # / \$ Amt.
Animal Care & Technical Services for Paravax	Maul,Donald H	Laboratory Animal Resources Heska Corporation (Paravax)	07/01/96- 06/30/97	6028 \$942,500
Animal Care & Technical Services for Paravax	Maul,Donald H	Laboratory Animal Resources Heska Corporation (Paravax)	07/01/96- 06/30/97	6028 \$69,596
Animal Studies Using Recombinant Hemoglobin Preparations	Maul,Donald H	Laboratory Animal Resources Somatogen	03/15/94- 03/15/97	6895 \$14,269
Rodent Thoren Caging Systems	Maul,Donald H	Laboratory Animal Resources HHS-Extramural Research Facil Constrtn	07/01/96- 06/30/97	7921 \$42,711
East Anatolia Watershed Training Project - Group 10 - France	Niehaus,Merle H Rittenhouse,Larry R	International Research & Development CID-Consortium for Inter. Development	09/10/96- 09/30/96	9213 \$9,864
Colorado Water Resource Research Institute Program - FY 96	Ward,Robert C	Colorado Water Resources Res Inst DOI-USGS-Geological Survey	03/01/96- 02/28/97	2937 \$20,000
Partners in Parenting	Poncelow,Stacy Diane	Cooperative Extension Colorado Department of Human Service	07/01/96- 06/30/97	0925 \$82,571
Colorado Youth Council (CYC)	Millich,Krystie Rose Martin,Dorothy	Cooperative Extension Colorado Department of Human Service	07/01/96- 06/30/97	0931 \$12,434
Department of Local Affairs Work Study	Katers,Timothy J	Cooperative Extension Colorado Department of Local Affairs	07/01/96- 06/30/97	0952 \$3,900
Regional Prevention Center Project	Martin,Dorothy Poncelow,Stacy Diane	Cooperative Extension Colorado Department of Human Service	07/01/96- 06/30/00	0954 \$78,000
Colorado Youth Council	Millich,Krystie Rose Martin,Dorothy	Cooperative Extension Colorado Department of Education	07/01/96- 06/30/97	0964 \$10,000
Colorado STAND	Luevane,Carmen	Cooperative Extension Colorado Department of Human Service	07/01/96- 06/30/97	0968 \$26,000
Reduction of Losses of Nitrogen by Surge Irrigation	Bartholomay,Richard	Cooperative Extension DOI-Bureau of Reclamation	07/10/96- 01/31/99	1824 \$19,600
DARE to be You Primary Prevention for Preschoolers by Parents/Caregivers (Replication)...	Miller-Heyl,Janet L Fritz,Janet J	Cooperative Extension HHS-SAMHSA-CSAP-Ctr Substance Abuse Prvn	09/30/96- 09/29/97	4416 \$245,933
DARE to be You DARE-PAIR for Montezuma County, Colorado	Miller-Heyl,Janet L	Cooperative Extension Montezuma County Partners, Inc.	07/01/96- 06/30/97	5002 \$20,281
Student Support Services	Aragon,Geraldine J	Academic Advancement Center DE-Student Support Services	09/01/96- 08/31/97	4205 \$215,032