

Office of Vice President for Research
and
Information Technology

Research Proposals Submitted

and

Research Awards Received

July - September 1998

Research Proposals Submitted *and* Research Awards Received

July through September 1998

Foreword

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

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

Forward (Continued)

Multi-million Dollar Proposals*

Fiscal Year/College	Department	Sponsor	Start and End Dates	Total \$
Fiscal Year 95				
Applied Human Sciences	Social Work	Colorado Department of Human Service	7/1/95 - 6/30/96	\$6,441,005
Engineering	Atmospheric Science	NSF-GEO-Geosciences	4/15/95 - 4/14/00	\$2,715,212
Engineering	Civil Engineering	National Aeronautics & Space Admin.	10/1/95 - 9/30/00	\$5,000,000
Engineering	Electrical Engineering	DOD-USAF-Office of Scientific Research	7/1/95 - 6/30/97	\$2,999,946
Engineering	Mechanical Engineering	DOD-NAVY-ONR-Office of Naval Research	12/15/94 - 2/15/97	\$3,021,353
Natural Resources	Dean Of Natural Resources	NSF-SBE-Social, Behav & Econ Sciences	1/1/96 - 2/31/00	\$5,000,000
Natural Resources	Forest Sciences	DOD-ARMY-Corps of Engineers	1/4/95 - 2/31/00	\$36,667,775
Natural Sciences	Psychology	HHS-PHS-Drug Abuse Research Programs	9/1/95 - 8/30/00	\$6,370,787
Natural Sciences	Psychology	HHS-PHS-Drug Abuse Research Programs	4/1/96 - 3/31/01	\$2,186,582
Other	Center Educ Access & Outreach	DE-Dept of Educa - Upward Bound Program	6/1/95 - 5/31/00	\$2,249,838
Vet. Medicine & Biomedical Sciences	Microbiology	HHS-PHS-AID-Microbio & Infectious Dis Re	8/1/95 - 7/31/99	\$3,214,415
Vet. Medicine & Biomedical Sciences	Microbiology	HHS-PHS-AID-Microbio & Infectious Dis Re	7/1/95 - 6/30/02	\$2,915,379
Vet. Medicine & Biomedical Sciences	Pathology	HHS-PHS-AID-Microbio & Infectious Dis Re	8/1/95 - 7/31/99	\$2,317,176
Vet. Medicine & Biomedical Sciences	Physiology	HHS-PHS-Biol Basis Research in Neurosci	5/1/95 - 4/30/00	\$2,258,424
Vet. Medicine & Biomedical Sciences	Radiological Health Sciences	HHS-PHS-NCI-Cancer Treatment Center	1/1/96 - 2/31/01	\$12,977,989
Fiscal Year 96				
Engineering	Cira	DOC-NOAA-Natl Oceanic & Atmospheric Admn	7/1/96 - 6/30/01	\$80,426,087
Engineering	Dean Of Engineering	NSF-EHR-Education & Human Resources	6/15/96 - 6/15/01	\$5,000,000
Natural Resources	Forest Sciences	DOD-ARMY-CERL-Const. Engineer. Res. Lab.	1/1/96 - 2/31/98	\$5,565,880
Natural Resources	Natural Resource Ecology Lab	NSF-Biological Centers	10/1/96 - 9/30/02	\$3,360,000
Natural Resources	Rangeland Ecosystem Science	DOD-ARMY-CERL-Const. Engineer. Res. Lab.	8/1/96 - 7/31/99	\$3,420,849
Natural Sciences	Physics	DOE-Office of Energy Research	4/15/96 - 4/15/01	\$2,905,000
Natural Sciences	Physics	NSF-Sci/Tech Ctr/STI Sci/Tech Infra Ctr	7/1/96 - 6/30/01	\$2,000,000
Natural Sciences	Statistics	EPA-Environmental Education Grants	7/1/96 - 6/30/01	\$5,000,000
Vet. Medicine & Biomedical Sciences	Microbiology	HHS-PHS-AID-Microbio & Infectious Dis Re	4/1/96 - 3/31/00	\$2,581,905
Vet. Medicine & Biomedical Sciences	Radiological Health Sciences	US Department of Energy	7/1/96 - 6/30/01	\$5,000,001

*Includes all proposals greater than or equal to \$2,000,000.

Forward (Continued)

Multi-million Dollar Proposals*

Fiscal Year/College	Department	Sponsor	Start and End Dates	Total \$
Fiscal Year 97				
Agricultural Sciences	Entomology	HHS-NIH-National Institute of Health	4/1/98 - 3/31/03	\$2,251,832
Engineering	Civil Engineering	NSF - Engineering Grant	1/1/98 - 2/31/02	\$9,886,252
Engineering	Mechanical Engineering	DOC-NIST-Nat. Inst. Standards & Tech..	11/1/96 - 0/31/97	\$10,534,405
Engineering	Mechanical Engineering	Kansas State University	1/1/98 - 2/31/02	\$6,178,480
Engineering	Mechanical Engineering	NSF - Engineering Grant	1/1/98 - 1/1/08	\$3,918,091
Other	Cooperative Extension	CCHE-Commission on Higher Education	7/1/97 - 6/30/99	\$2,551,907
Vet. Medicine & Biomedical Sciences	Environmental Health	HHS-Occup Safety/Health Research Grants	9/30/96 - 9/29/01	\$3,749,455
Vet. Medicine & Biomedical Sciences	Environmental Health	HHS-NIH-Environmental Health Sciences	7/1/97 - 6/30/02	\$3,169,033
Vet. Medicine & Biomedical Sciences	Pathology	HHS-NIH-National Institute of Health	1/1/98 - 2/31/02	\$2,145,633
Fiscal Year 98				
Applied Human Sciences	Human Dev & Family Studies	HHS-CDC-Centers for Disease Control	9/30/97 - 9/30/02	\$2,137,951
Business	Marketing	HHS-NIH-National Institutes of Health	10/1/98 - 9/30/03	\$2,280,662
Engineering	Cira	DOD-ARMY	7/1/98 - 6/30/02	\$7,500,000
Engineering	Cira	NSF-Biological Centers	11/1/98 - 0/31/01	\$2,523,756
Engineering	Civil Engineering	NSF - Engineering Grant	6/1/98 - 5/31/04	\$4,992,092
Liberal Arts	Journalism & Technical Comm	HHS-NIH-National Institutes of Health	10/1/98 - 9/30/03	\$2,435,263
Natural Resources	Forest Sciences	DOD-NAVY-ONR-Office of Naval Research	1/1/99 - 2/31/02	\$2,235,651
Natural Resources	Forest Sciences	US Department of Defense	-	\$2,000,000
Natural Resources	Natural Resource Ecology Lab	NSF-GEO-Geosciences	10/1/98 - 9/30/03	\$22,027,740
Natural Resources	Natural Resource Ecology Lab	University of Colorado	9/1/98 - 8/31/03	\$2,779,952
Natural Sciences	Biology	NSF-Biological Centers	4/1/98 - 3/31/03	\$2,462,907
Natural Sciences	Dean Of Natural Sciences	HHMI-Howard Hughes Medical Institute	1/1/98 - 2/31/01	\$2,199,320
Natural Sciences	Physics	NSF-MPS-Mathematical & Physical Sciences	6/1/98 - 5/31/03	\$3,958,575
Natural Sciences	Psychology	HHS-NIH-National Institutes of Health	5/1/99 - 4/30/04	\$6,396,694
Natural Sciences	Psychology	Macro International, Inc.	10/1/98 - 9/30/03	\$2,561,414
Other	Center Educ Access & Outreach	US Department of Education	11/9/99 - 0/31/94	\$2,727,993
Vet. Medicine & Biomedical Sciences	Environmental Health	HHS-CDC-Centers for Disease Control	9/1/98 - 8/31/03	\$6,505,879
Vet. Medicine & Biomedical Sciences	Environmental Health	HHS-NIH-Environmental Health Sciences	9/1/98 - 8/31/03	\$2,247,049
Fiscal Year 99				
Engineering	Civil Engineering	DOS-AID-Agency for Inter. Development	1/1/99 - 2/31/03	\$7,750,000
Engineering	Dean Of Engineering	NSF - National Science Foundation	1/1/99 - 2/31/03	\$2,500,000
Other	Library	NSF - National Science Foundation	1/1/99 - 2/31/02	\$2,849,860

*Includes all proposals greater than or equal to \$2,000,000.

Forward (Continued)

Multi-million Dollar Awards*

Fiscal Year/College	Department	Sponsor	Start and End Dates	Total \$
Fiscal Year 95				
Applied Human Sciences	Social Work	Colorado Dept Human Service	7/1/94 - 6/30/95	\$2,504,469
Engineering	Cira	DOD-ARMY-ARO-Army Research Office	9/30/94 - 9/29/97	\$4,336,000
Fiscal Year 96				
Applied Human Sciences	Social Work	Colorado Dept Public Health & Environ	7/1/95 - 6/30/96	\$3,342,560
Applied Human Sciences	Social Work	Colorado Dept Public Health & Environ	7/1/95 - 6/30/96	\$3,098,445
Fiscal Year 97				
Engineering	Cira	DOC-NOAA-Natl Oceanic & Atmospheric Admn	7/1/96 - 6/30/01	\$2,903,657
Fiscal Year 98				
Engineering	Cira	DOC-NOAA-Natl Oceanic & Atmospheric Admn	7/1/96 - 6/30/01	\$3,146,303

*Includes all awards greater than or equal to \$2,000,000.

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

Please forward any comments, address changes or corrections to:

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Section II

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Section III

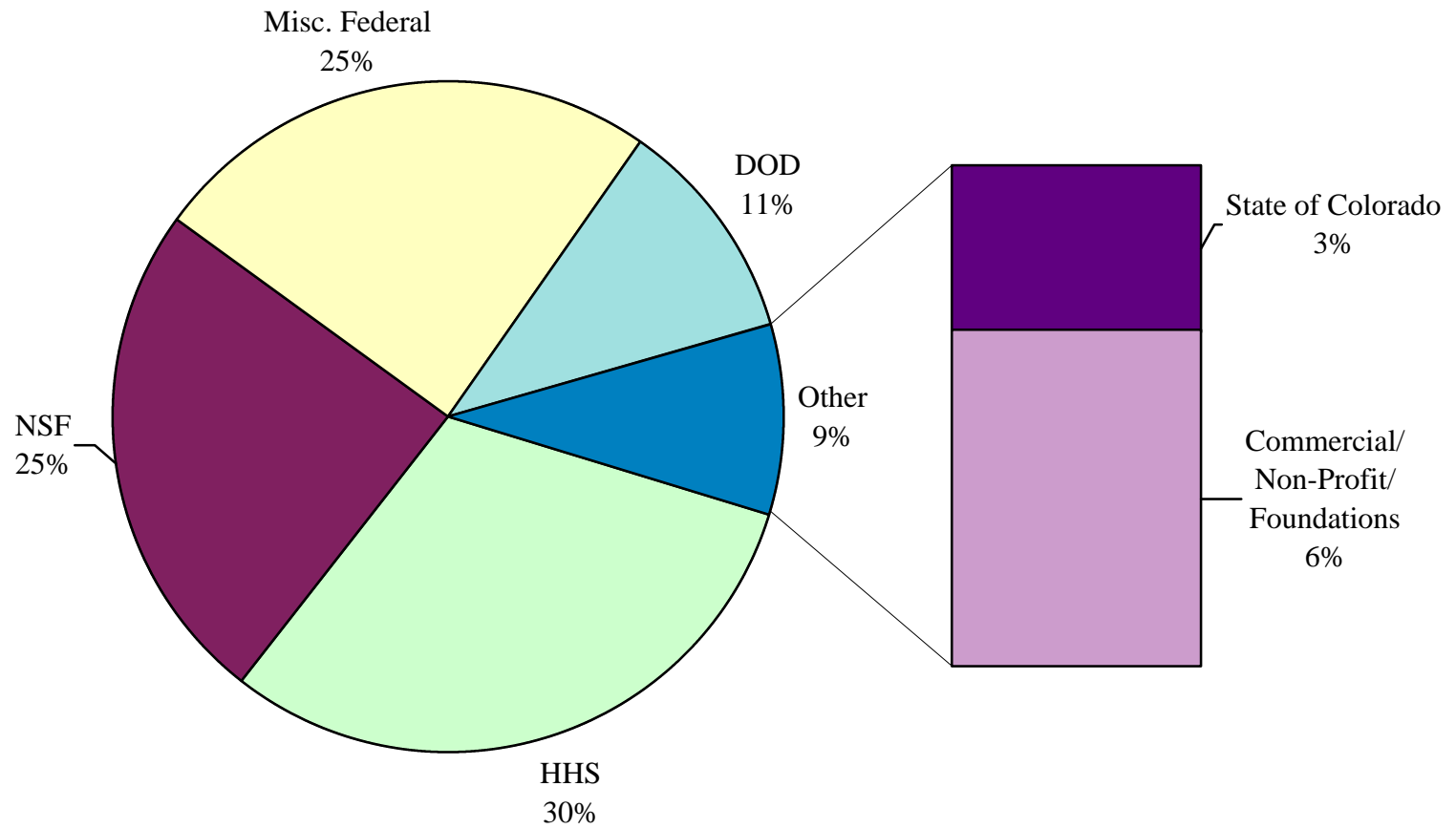
Detailed List of Awards Received	Awards Received - 1
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Section I

Historical Summaries

Proposals by Fund Source

July - September 1998



Proposals by Fund Source

Five-Year Comparison

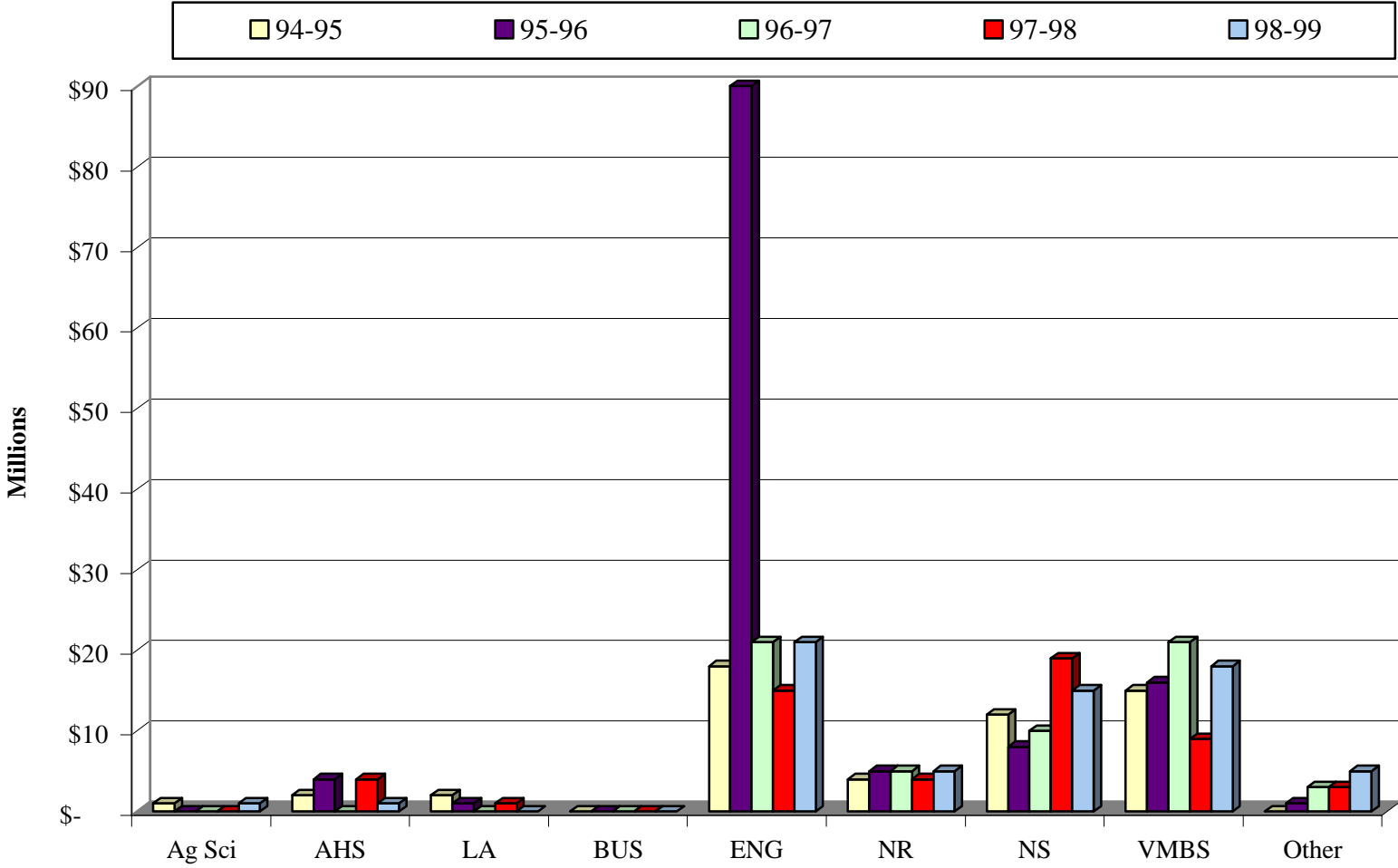
July - September

Sponsor	#	1994-1995	#	1995-1996	#	1996-1997	#	1997-1998	#	1998-1999
Commercial and Non-Profit	40	\$ 2,932,300	38	\$ 4,726,936	34	\$ 8,061,188	39	\$ 6,919,908	43	\$ 3,952,848
Foundations	11	\$ 467,682	16	\$ 1,939,327	11	\$ 1,243,454	12	\$ 958,682	10	\$ 415,988
Institutes	1	\$ 210,420	2	\$ 147,055	0	\$0	0	\$0	1	\$25,000
State of Colorado	23	\$ 6,963,786	17	\$ 11,151,711	21	\$ 1,508,999	9	\$ 894,790	10	\$ 1,899,668
Subtotal of Non-Federal	75	\$ 10,574,188	73	\$ 17,965,029	66	\$ 10,813,641	60	\$ 8,773,380	64	\$ 6,293,504
USDA - Department of Agriculture	6	\$ 353,053	11	\$ 1,290,460	5	\$ 390,042	11	\$ 469,182	4	\$ 62,934
DOC - Department of Commerce	8	\$ 1,772,750	5	\$ 80,976,216	13	\$ 13,237,652	7	\$ 2,176,820	7	\$ 1,432,695
DOD - Department of Defense	25	\$ 9,372,641	16	\$ 2,474,468	24	\$ 5,258,238	8	\$ 2,425,753	26	\$ 6,581,335
DOE - Department of Energy	8	\$ 3,037,823	1	\$ 389,321	1	\$ 324,126	2	\$ 570,313	4	\$ 1,634,282
EPA - Environmental Protection Agency	5	\$ 1,285,333	1	\$ 20,540	4	\$ 139,075	1	\$ 87,500	3	\$ 1,015,460
HHS - Health & Human Services	22	\$ 14,819,217	15	\$ 10,078,614	30	\$ 19,108,496	15	\$ 10,821,282	31	\$ 19,961,572
USDI - Department of the Interior	4	\$ 959,650	2	\$ 35,650	8	\$ 846,579	10	\$ 400,566	5	\$ 587,590
NASA - National Aeronautics & Space Administration	5	\$ 1,685,843	0	\$0	3	\$ 590,998	2	\$670,650	8	\$3,494,055
NSF - National Science Foundation	30	\$ 9,681,267	33	\$ 10,867,963	21	\$ 8,576,299	36	\$ 23,867,753	34	\$ 16,465,314
Miscellaneous Federal	10	\$ 1,155,208	1	\$ 23,591	5	\$ 734,446	6	\$ 4,128,228	3	\$ 8,144,015
Subtotal of Federal	123	\$44,122,785	85	\$106,156,823	114	\$49,205,951	98	\$45,618,047	125	\$59,379,252
*** TOTAL ***	198	\$54,696,973	158	\$124,121,852	180	\$60,019,592	158	\$54,391,427	189	\$65,672,756

Proposals by College

Five-Year Comparison

July - September



Proposals by College

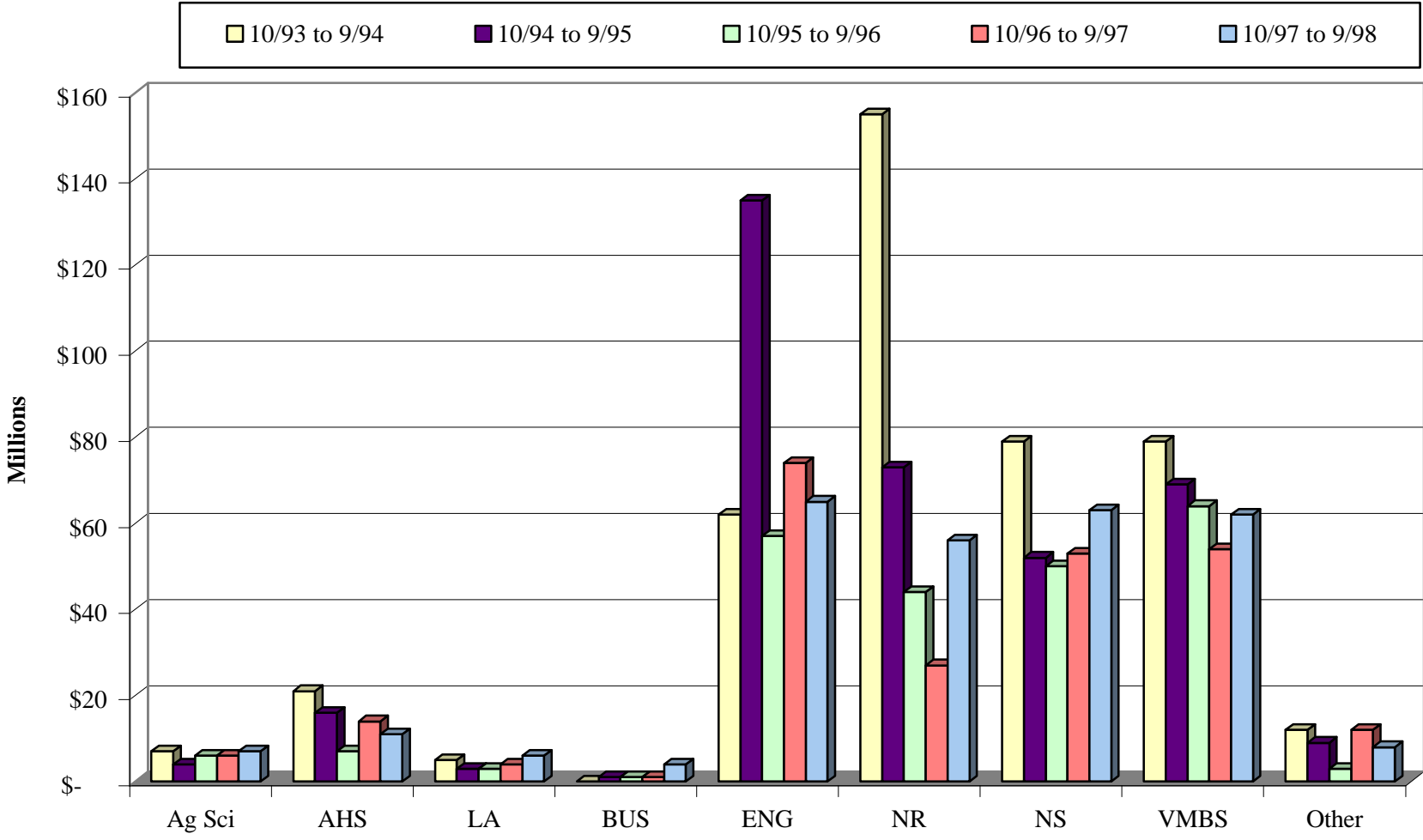
Five-Year Comparison

July - September

College	#	1994-1995	#	1995-1996	#	1996-1997	#	1997-1998	#	1998-1999
Ag Sci - Agricultural Sciences	12	\$ 1,301,498	4	\$ 198,397	3	\$ 84,647	8	\$ 438,407	7	\$ 782,392
AHS - Applied Human Sciences	21	\$ 2,074,691	9	\$ 3,829,667	10	\$ 431,162	10	\$ 3,604,073	13	\$ 1,344,355
CLA - Liberal Arts	7	\$ 1,719,692	3	\$ 889,819	6	\$ 224,877	4	\$ 573,995	4	\$ 440,121
Bus - Business	0	\$0	1	\$ 42,500	1	\$ 12,100	3	\$ 28,615	0	\$ -
Eng - Engineering	58	\$ 17,719,622	40	\$ 89,736,668	44	\$ 20,747,379	46	\$ 15,079,534	49	\$ 20,842,894
NR - Natural Resources	14	\$ 4,363,946	29	\$ 4,795,289	30	\$ 5,026,459	20	\$ 3,817,072	31	\$ 5,241,138
NS - Natural Sciences	42	\$ 11,856,412	31	\$ 8,092,384	37	\$ 9,993,436	41	\$ 19,086,388	37	\$ 14,796,955
CVMBMS - Veterinary Medicine & Biomed. Sci.	34	\$ 15,219,547	37	\$ 15,912,083	40	\$ 20,698,162	23	\$ 8,797,850	42	\$ 17,673,953
Other - Other	10	\$ 441,565	4	\$ 625,045	9	\$ 2,801,370	3	\$ 2,965,493	6	\$ 4,550,948
*** TOTAL ***	198	\$ 54,696,973	158	\$ 124,121,852	180	\$ 60,019,592	158	\$ 54,391,427	189	\$ 65,672,756

Proposals by College

Five-Year Comparison
October - September



Proposals by College

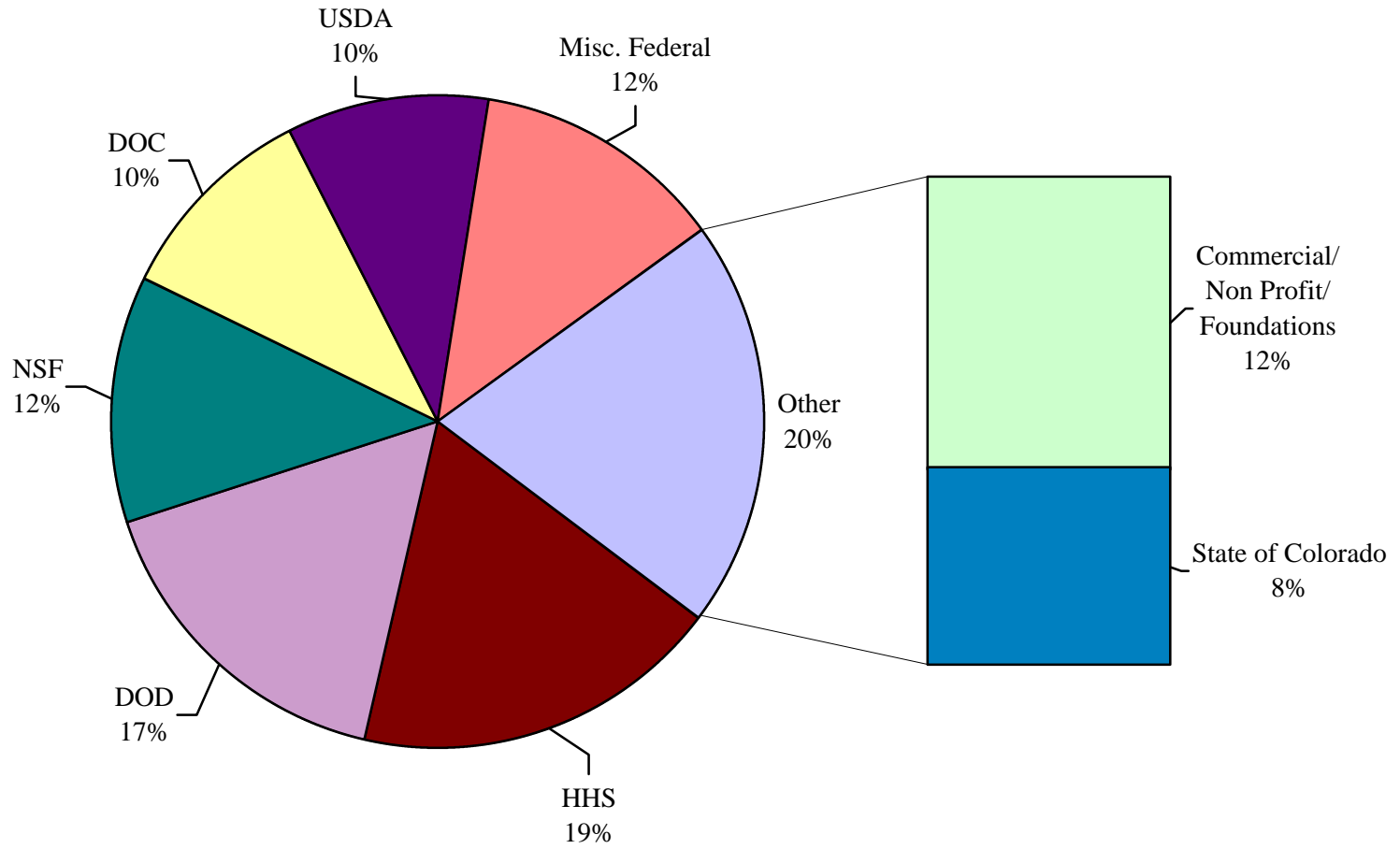
Five-Year Comparison

October - September

College	#	10/93 to 9/94	#	10/94 to 9/95	#	10/95 to 9/96	#	10/96 to 9/97	#	10/97 to 9/98
Ag Sci - Agricultural Sciences	60	\$ 7,280,415	43	\$ 4,156,006	39	\$ 6,229,860	44	\$ 7,599,310	51	\$ 7,030,762
AHS - Applied Human Sciences	76	\$ 21,010,188	40	\$ 16,438,808	40	\$ 6,921,130	40	\$ 13,506,532	62	\$ 11,118,301
CLA - Liberal Arts	17	\$ 4,895,219	11	\$ 2,851,826	24	\$ 2,831,464	18	\$ 3,555,336	18	\$ 5,694,462
Bus - Business	4	\$ 108,670	6	\$ 1,101,880	5	\$ 896,622	6	\$ 1,412,351	3	\$ 3,688,879
Eng - Engineering	205	\$ 61,852,027	201	\$ 135,485,185	188	\$ 57,413,462	186	\$ 74,361,465	185	\$ 64,828,129
NR - Natural Resources	107	\$ 155,065,239	143	\$ 72,617,813	124	\$ 44,279,954	110	\$ 27,094,619	136	\$ 56,091,820
NS - Natural Sciences	191	\$ 78,690,706	165	\$ 52,126,790	164	\$ 50,399,726	160	\$ 53,374,703	144	\$ 62,819,363
CVMBS - Veterinary Medicine & Biomed. Sci.	185	\$ 78,640,155	169	\$ 69,063,801	188	\$ 63,804,556	185	\$ 54,283,787	158	\$ 62,230,832
Other - Other	47	\$ 11,696,674	39	\$ 8,642,294	18	\$ 3,388,404	32	\$ 11,942,591	15	\$ 8,257,007
*** TOTAL ***	892	\$ 419,239,293	817	\$ 362,484,403	790	\$ 236,165,178	781	\$ 247,130,694	772	\$ 281,759,555

Awards by Fund Source

July - September 1998



Awards by Fund Source

Five-Year Comparison

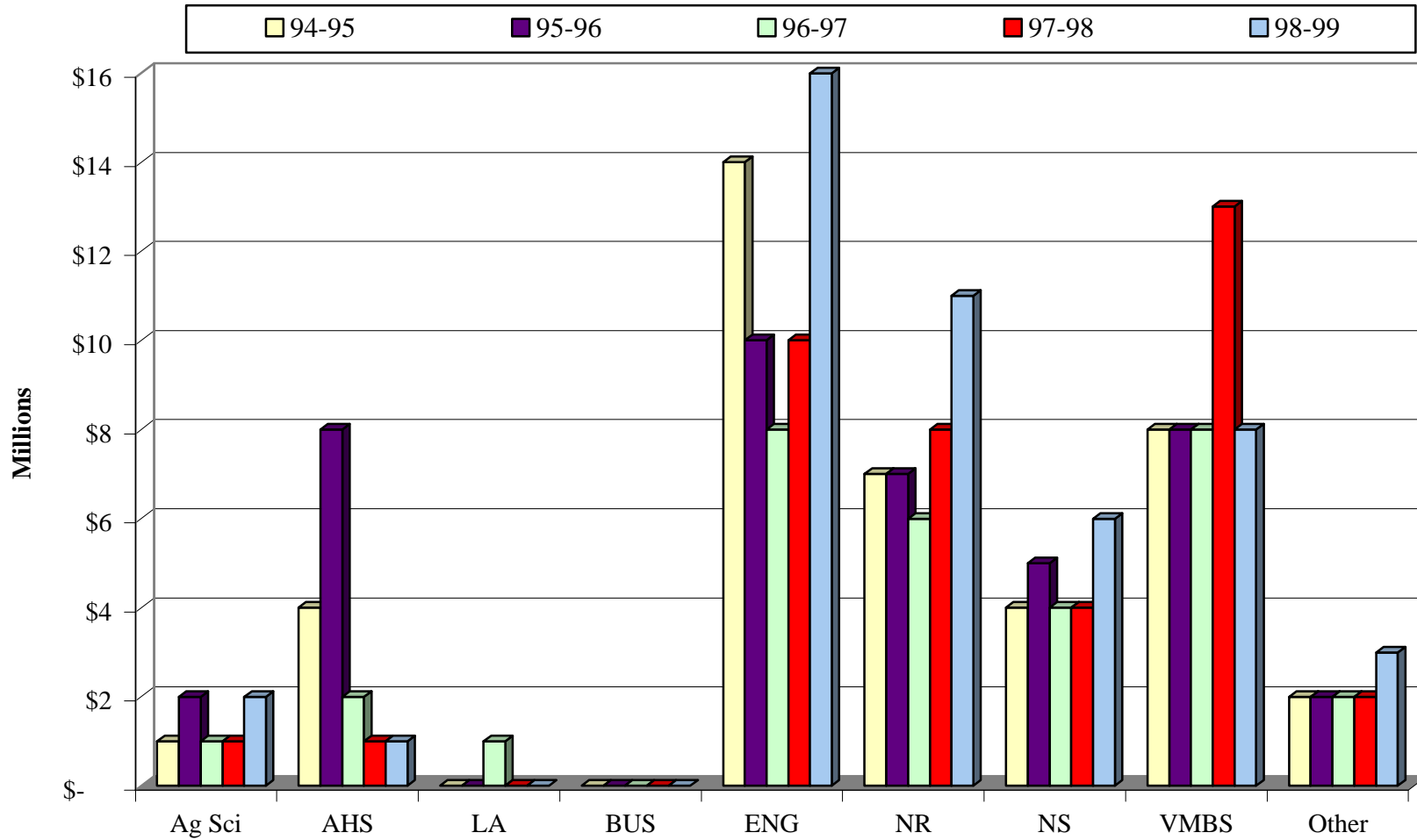
July - September

Sponsor	#	1994-1995	#	1995-1996	#	1996-1997	#	1997-1998	#	1998-1999
Commercial and Non-Profit	142	\$ 3,254,715	136	\$ 4,096,057	129	\$ 4,290,749	141	\$ 5,753,273	146	\$ 4,895,887
Foundations	13	\$ 324,420	5	\$ 35,710	9	\$ 169,603	10	\$ 413,392	12	\$ 225,498
Institutes	6	\$ 1,105,759	4	\$ 254,189	2	\$ 21,913	2	\$178,983	3	\$442,378
State of Colorado	51	\$ 6,240,377	55	\$ 10,208,063	52	\$ 2,966,723	48	\$ 3,149,478	49	\$ 3,937,609
Subtotal of Non-Federal	212	\$ 10,925,271	200	\$ 14,594,019	192	\$ 7,448,988	201	\$ 9,495,126	210	\$ 9,501,372
USDA - Department of Agriculture	71	\$ 4,780,343	74	\$ 3,020,821	86	\$ 4,007,137	61	\$ 4,259,606	81	\$ 4,605,835
DOC - Department of Commerce	10	\$ 1,802,006	11	\$ 2,655,655	18	\$ 2,162,472	12	\$ 4,116,873	24	\$ 4,984,437
DOD - Department of Defense	21	\$ 5,428,252	30	\$ 4,569,063	28	\$ 1,614,017	49	\$ 3,442,476	60	\$ 7,544,845
DOE - Department of Energy	11	\$ 956,937	12	\$ 1,455,803	11	\$ 1,444,220	10	\$ 780,348	10	\$ 448,987
EPA - Environmental Protection Agency	5	\$ 318,993	7	\$ 401,030	10	\$ 529,274	6	\$ 567,462	5	\$ 110,043
HHS - Health & Human Services	41	\$ 7,961,370	47	\$ 7,071,483	51	\$ 7,667,977	57	\$ 10,094,192	57	\$ 8,757,736
USDI - Department of the Interior	41	\$ 2,322,726	45	\$ 1,724,191	46	\$ 1,936,550	47	\$2,427,808	69	\$2,925,792
NASA - National Aeronautics & Space Administration	10	\$ 1,074,605	11	\$ 1,323,941	12	\$ 1,321,701	12	\$ 707,676	11	\$ 1,000,718
NSF - National Science Foundation	36	\$ 3,384,044	31	\$ 3,771,135	28	\$ 2,348,436	24	\$ 2,988,897	42	\$ 5,530,935
Miscellaneous Federal	17	\$ 2,522,605	6	\$ 1,265,516	8	\$ 877,083	11	\$ 1,692,412	14	\$ 1,499,240
Subtotal of Federal	263	\$ 30,551,881	274	\$ 27,258,638	298	\$ 23,908,867	289	\$ 31,077,750	373	\$ 37,408,568
*** TOTAL ***	475	\$ 41,477,152	474	\$ 41,852,657	490	\$ 31,357,855	490	\$ 40,572,876	583	\$ 46,909,940

Awards by College

Five-Year Comparison

July - September



Awards by College

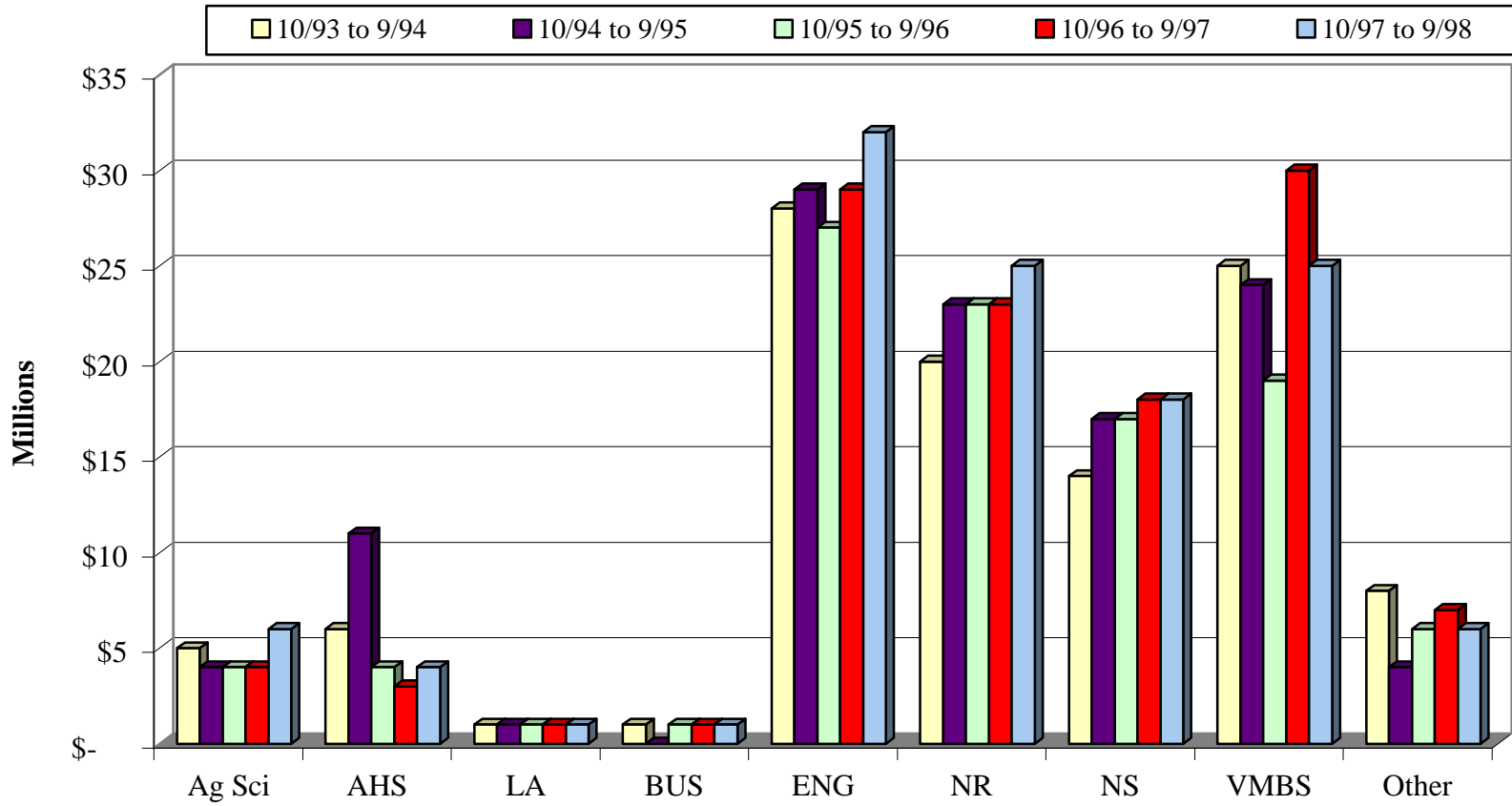
Five-Year Comparison

July - September

College	#	1994-1995	#	1995-1996	#	1996-1997	#	1997-1998	#	1998-1999
Ag Sci - Agricultural Sciences	70	\$ 1,462,347	72	\$ 1,588,063	53	\$ 1,353,313	57	\$ 1,444,744	59	\$ 1,940,832
AHS - Applied Human Sciences	21	\$ 4,005,065	21	\$ 7,759,386	27	\$ 1,587,413	23	\$ 1,413,476	16	\$ 797,736
CLA - Liberal Arts	7	\$ 193,274	5	\$ 276,044	12	\$ 578,432	5	\$ 447,693	5	\$ 195,938
Bus - Business	0	\$0	3	\$ 23,814	1	\$ 11,147	2	\$ 194,440	6	\$ 175,756
Eng - Engineering	120	\$ 14,315,070	87	\$ 9,607,510	103	\$ 7,816,167	93	\$ 9,875,911	113	\$ 16,264,875
NR - Natural Resources	112	\$ 7,355,170	123	\$ 7,418,003	146	\$ 6,382,252	129	\$ 7,952,095	216	\$ 11,438,160
NS - Natural Sciences	50	\$ 4,077,613	63	\$ 5,376,961	51	\$ 4,112,061	60	\$ 4,109,169	60	\$ 5,608,451
CVMBBS - Veterinary Medicine & Biomed. Sci.	73	\$ 8,177,384	71	\$ 7,950,307	81	\$ 7,704,379	97	\$ 13,398,593	76	\$ 7,970,613
Other - Other	22	\$ 1,891,229	29	\$ 1,852,569	16	\$ 1,812,691	24	\$ 1,736,755	32	\$ 2,517,579
*** TOTAL ***	475	\$ 41,477,152	474	\$ 41,852,657	490	\$ 31,357,855	490	\$ 40,572,876	583	\$ 46,909,940

Awards by College

Five-Year Comparison
October - September



Awards by College

Five-Year Comparison

October - September

College	#	10/93 to 9/94	#	10/94 to 9/95	#	10/95 to 9/96	#	10/96 to 9/97	#	10/97 to 9/98
Ag Sci - Agricultural Sciences	203	\$ 4,841,268	217	\$ 3,877,579	193	\$ 3,665,759	172	\$ 3,932,135	171	\$ 5,610,588
AHS - Applied Human Sciences	91	\$ 6,178,771	101	\$ 10,662,429	89	\$ 3,429,786	57	\$ 3,117,444	56	\$ 3,738,967
CLA - Liberal Arts	16	\$ 961,230	15	\$ 572,235	23	\$ 927,969	11	\$ 567,425	16	\$ 1,442,578
Bus - Business	24	\$ 685,078	8	\$ 173,728	11	\$ 631,226	9	\$ 613,081	16	\$ 545,685
Eng - Engineering	362	\$ 28,161,460	352	\$ 29,476,013	348	\$ 27,189,183	310	\$ 29,137,866	323	\$ 32,396,752
NR - Natural Resources	330	\$ 19,653,215	348	\$ 23,227,887	403	\$ 23,407,112	355	\$ 22,798,752	504	\$ 25,131,524
NS - Natural Sciences	184	\$ 13,889,326	226	\$ 17,428,637	215	\$ 17,476,130	232	\$ 18,460,122	210	\$ 17,840,361
CVMBMS - Veterinary Medicine & Biomed. Sci.	235	\$ 24,623,775	230	\$ 24,011,449	248	\$ 19,359,952	273	\$ 30,013,508	261	\$ 25,015,248
Other - Other	109	\$ 7,787,622	92	\$ 4,109,038	84	\$ 5,944,601	98	\$ 6,608,206	83	\$ 5,561,044
*** TOTAL ***	1,554	\$ 106,781,745	1,589	\$ 113,538,995	1,614	\$ 102,031,718	1,517	\$ 115,248,539	1,640	\$ 117,282,747

Section II

**Proposals Submitted
July - September 1998**

Agricultural Sciences - Proposals

Principal Investigator	Department/Sponsor	Title	Dates	Key # \$Amount
Hoag,Dana Loyd	Agric & Resource Economics	Sub-Saharan Africa Dissertation Internship	1/1/99 -	99047601
Frasier,W. Marshall	Rockefeller Foundation		6/30/00	\$16,733
Sampath,Rajan K	Agric & Resource Economics Midwest Research Institute - NREL	Economic Analysis of Renewable Energy Electrification Project in Ghana	8/1/98 - 7/31/99	99011301 \$48,643
Newman,Steven E	Horticulture & Landscape Arch Vortex Water Systems, L.L.C.	Plant Response to Electrocoagulation of Irrigation Water	1/1/99 - 12/31/99	99048701 \$7,424
Brick,Mark A	Soil & Crop Sciences	Evaluation of the Phaseolus Core Collection for Reaction	1/1/99 -	99024401
Schwartz,Howard F	USDA - US Department of Agriculture	to Three Races of Fusarium Wilt	12/31/99	\$5,250
Byrne,Patrick F	Soil & Crop Sciences	Heat Tolerance & Genetic Diversity Analysis of Winter	4/1/99 -	99032301
Quick,James S	USDA - US Department of Agriculture	Wheat Germplasm from Romania & the US	3/31/02	\$29,685
Lapitan,Nora				
Heil,Dean M	Soil & Crop Sciences EPA - Environmental Protection Agency	Soil Chemistry Issues in the Development of Ecological Soil Screening Levels	10/1/98 - 10/1/00	99029201 \$122,072
Kelly,Eugene F	Soil & Crop Sciences NASA - Natl Aeronautics & Space Admin.	Utilization of Remote Sensing Technologies: Landscape Models for Soil Inventories-Precision Farming	4/1/99 - 3/31/02	99033801 \$552,585

Applied Human Sciences - Proposals

Principal Investigator	Department/Sponsor	Title	Dates	Key # \$Amount
Carlile,Brenda M	Design, Merch & Consumer Sci Colo Dept Higher Educ-Historical Society	Wallpapers from the Linden Hotel, Fort Collins, Colorado	2/16/99 - 2/14/00	99045501 \$9,775
Kreul-Froseth,Susan A Tremblay,Kenneth R	Design, Merch & Consumer Sci Town of Kersey	A Framework for Comprehensive Planning	9/1/98 - 5/1/99	99052601 \$39,101
Hauck,Allan J Ogle, Jennifer	Design, Merch & Consumer Sci Iowa State University	Media & Family Impact on Food Choice, Dieting & Exercise: An Interdisciplinary Approach	1/1/99 - 12/31/01	99047001 \$135,283
Hickey,Matthew	Exercise & Sport Science Arizona State University	Skeletal Muscle JGF-1 Gene Expression in Response to Overload in Humans	9/1/98 - 12/18/98	99002201 \$1,756
Kennedy,Catherine A	Exercise & Sport Science Arthritis Foundation	Enhancing Physical Activity in Individuals with Rheumatoid Arthritis	3/1/99 - 3/15/00	99025001 \$17,607
Kendall,Patricia A	Food Science & Human Nutrition University of California at Davis	Consumer Attitudes, Behaviors and Demand for Food Safety	9/30/98 - 9/30/99	99025501 \$13,000
Melby,Christopher L	Food Science & Human Nutrition HHS-NIH-National Institutes of Health	Exercise & Energy Requirements in African- American Women	9/1/99 - 8/31/02	99048101 \$808,173
Zimmerman,Toni S	Human Dev & Family Studies American Assoc. of University Women	Gender-Sensitive Relationship & Family Therapy Training on the Web	9/1/99 - 6/30/01	99037001 \$100,000
Demiranda,Michael A	Mfg Tech & Constr Mgmt Social Science Research Council	Education Within a Technological World: A Comparative Study of Three Industrial Societies & Their Approaches...	6/1/99 - 5/31/00	99028801 \$114,984
Wolff,Birgit H	Mfg Tech & Constr Mgmt NYSDEC - NY State Dept of Envir Conserv	Understanding Transient Testing & its Challenges to the Service/Repair Industry	9/9/98 - 12/30/98	99033701 \$19,648
Sample,Pat L	Occupational Therapy Colorado Department of Education	Colorado Community Assessment Project	9/1/98 - 10/31/99	99016701 \$45,154
Timpson,William M	School Of Education American Association of Higher Education	Intervention for Instructional Improvement	9/1/98 - 8/31/99	99019201 \$9,940
Sheafor,Bradford W	Social Work General Mills Foundation	Human-Animal Bond in Colorado - Project: Facilitating Family Understanding & Respect	7/1/98 - 6/30/99	99004501 \$29,934

Engineering - Proposals

Principal Investigator	Department/Sponsor	Title	Dates	Key # \$Amount
Collett,Jeffrey L. Jr	Atmospheric Science ENSR Consulting & Engineering	Pilot Studies Investigating Organic Composition of San Joaquin Valley Fogs & Techniques for Measuring Fog Deposition	9/1/98 - 8/31/99	99027001 \$78,158
Denning,A Scott	Atmospheric Science Harvard University	CO2 Budget & Rectification Airborne Study-- North America (COBRA--NA)	1/1/99 - 12/31/02	99018201 \$123,192
Denning,A Scott	Atmospheric Science University of Minnesota	Regional Forest-ABL Coupling: Influence on CO2 & Climate	7/1/98 - 8/31/00	99037501 \$107,951
Gray,William M	Atmospheric Science Bermuda Biological Station for Research	Developing a Parametric Radial Wind Model for Hurricanes-Typhoons of Different Intensity, Size, Movement, Life...	9/1/98 - 8/31/00	99014201 \$119,999
Gray,William M	Atmospheric Science DOE - US Department of Energy	Radiatively Forced Diurnal Circulations & the Distribution of Tropical Water Vapor	12/1/98 - 11/30/01	99010101 \$334,895
Montgomery,Michael T Hertenstein,Rolf F	Atmospheric Science NSF - National Science Foundation	Potential Vorticity Banners & Wave Breaking in the Alps & Rockies	1/1/99 - 1/31/02	99026201 \$333,793
Pielke,Roger A	Atmospheric Science University of Texas	Interactions Between Climatic Variability & Human Land Use Decisions in the Great Plains of the US	5/1/99 - 4/30/02	99052801 \$288,126
Randall,David A	Atmospheric Science Calif. Inst. of Tech/Jet Propulsion Lab	CloudSat Mission	1/1/99 - 2/28/05	99034001 \$209,743
Stephens,Graeme L	Atmospheric Science NASA - Natl Aeronautics & Space Admin.	Pathfinder Instruments for Cloud Aerosol Spaceborne Observations (PICASSO)	1/1/99 - 12/31/05	99036601 \$953,804
Stephens,Graeme L	Atmospheric Science DOE - US Department of Energy	Refinement, Validation & Application of Cloud-Radiation Parameterizations in a Global Climate Module	12/1/98 - 11/30/01	99009801 \$677,086
Stephens,Graeme L Platt,C.Martin R	Atmospheric Science NASA - Natl Aeronautics & Space Admin.	Retrieval of Properties of High Clouds from LITE Data	10/1/98 - 9/30/01	99014601 \$218,143
Belfiore,Laurence A	Chemical & Biores Engineering DOE - US Department of Energy	Kinetics of Gelation & Transmetallation During Transition-Metal Compatibilization of Immiscible Polymer Blends	11/1/98 - 10/31/01	99019001 \$394,597
Murphy,Vincent G Batt,Brian C	Chemical & Biores Engineering NSF - National Science Foundation	Research Experiences for Undergraduates in Chemical Engineering Using the Colorado Bioprocessing Center	1/15/99 - 12/31/01	99038201 \$193,896
Wickramasinghe,Ranil	Chemical & Biores Engineering NSF - National Science Foundation	Research Experiences for Undergraduates in Biomedical Engineering	2/1/99 - 2/29/04	99038001 \$277,626

Engineering - Proposals

Principal Investigator	Department/Sponsor	Title	Dates	Key # \$Amount
Wickramasinghe,Ranil	Chemical & Biores Engineering NSF - National Science Foundation	Virus Clearance by Flocculation & Microfiltration	7/1/99 - 6/30/03	99009501 \$210,000
Adams,Christopher R	Cira DOC-NOAA-Natl Oceanic & Atmospheric Admn	State & Local Government Use of El Nino Forecasts for National Disaster Reduction	10/1/98 - 9/30/00	99045901 \$250,404
Campbell,G Garrett	Cira DOC-NOAA-Natl Oceanic & Atmospheric Admn	Satellite Cloud Measurements & Climate Variation	5/1/99 - 4/30/00	99045301 \$61,695
Cotton,William R	Cira DOC-NOAA-Natl Oceanic & Atmospheric Admn	Sensitivity of Cloud Resolving Simulations of Convective Precipitation & Cloudiness to Various Methods of Soil...	5/1/99 - 4/30/02	99048001 \$256,137
Denning,A Scott	Cira DOC-NOAA-Natl Oceanic & Atmospheric Admn	Atmospheric Analysis of Mesocale Terrestrial Carbon Exchange	5/1/99 - 4/30/03	99048501 \$331,611
Denning,A Scott	Cira DOC-NOAA-Natl Oceanic & Atmospheric Admn	Atmospheric CO2 Inversion Intercomparison Project (TransCom 3)	1/1/99 - 12/31/01	99045401 \$303,874
Gray,William M Cotton,William R	Cira DOC-NOAA-Natl Oceanic & Atmospheric Admn	Studies on QBO Forcing of Short-term Climate Trends	5/1/99 - 4/30/01	99047801 \$222,974
Greenwald,Thomas J	Cira NASA - Natl Aeronautics & Space Admin.	Improved Estimates of Ice Water Path Using Multi- Sensor Satellite Data	3/1/99 - 2/28/02	99050301 \$230,748
Criswell,Marvin E	Civil Engineering University of Colorado	Development of DYNA 3D Analysis Tools for Roadside Safety Applications	10/1/98 - 12/31/01	99016801 \$110,028
Elhakim,Omnia Ismail	Civil Engineering DOS-AID-Agency for Inter. Development	International Center for Environment - Training Program	1/1/99 - 12/31/03	99029601 \$7,750,000
Gates,Timothy K	Civil Engineering World Bank	Flood Monitoring and Modeling: Specialized Training	8/1/98 - 10/31/98	99011601 \$53,109
Grigg,Neil S Vlachos,Evan C Cobb,R Brian	Civil Engineering NSF - National Science Foundation	Partnerships for Civil Infrastructure, Education & Urban Environment	1/1/99 - 12/31/01	99004001 \$372,458
Julien,Pierre Y	Civil Engineering Kaiser - Hill Company, L.L.C.	Watershed Erosion Modeling for the Actinide Migration Studies -- Rocky Flats	8/1/98 - 9/30/00	99003001 \$74,262
Junna,Mohan Reddy	Civil Engineering FTN Associates, Inc.	Canal Automation & Irrigation System Modeling	7/20/98 - 8/15/98	99012901 \$9,408
Sanders,Thomas G	Civil Engineering NASA-Johnson Space Center	A Water Reuse System for Pike's Peak Colorado	10/1/98 - 12/31/00	99050801 \$88,553

Proposals Submitted - 4

Engineering - Proposals

Principal Investigator	Department/Sponsor	Title	Dates	Key # \$Amount
Shackelford, Charles D	Civil Engineering NSF - National Science Foundation	Long-term Performance of GCLs Permeated with Aqueous Inorganic Solutions	8/15/99 -	99044601
			8/14/02	\$198,468
Ukaga, Okechukwu	Civil Engineering USIA-Educ Exchn/Profess & Research Scho	Proposal for East Timor Faculty Development Program	10/1/98 -	99009701
			9/1/99	\$194,179
Watson, Chester C Bledsoe, Brian	Civil Engineering DOD-ARMY-Corps of Engineers	Altered Channel Morphology as a Result of Increased Urbanization & Other Land Use Changes in Watersheds	10/1/98 -	99040701
			9/30/01	\$185,981
Crabtree, Loren W Elhakim, Omnia Ismail Gessler, Johannes	Dean Of Engineering NSF - National Science Foundation	Minority Graduate Education/Colorado Alliance for Minority Participation	1/1/99 -	99009401
			12/31/03	\$2,500,000
Azimi-Sadjadi, Mahmood R	Electrical Engineering DOD-NAVY-ONR-Office of Naval Research	Real-Time Target Detection, Classification & Tracking in Heavy Clutter Using High-Order Correlation Method	10/1/99 -	99040801
			9/30/01	\$206,000
Chandrasekar, V	Electrical Engineering NSF - National Science Foundation	Research Experiences for Undergraduates in Electrical Engineering Focused around the CSU-CHILL National Radar...	1/1/99 -	99037101
			12/31/02	\$207,765
Chen, Thomas Wei	Electrical Engineering NSF - National Science Foundation	Development of a Stereoscopic Haptic Acoustic Real- Time Computer for Virtual Environment Applications	1/1/99 -	99037801
			12/31/01	\$797,326
Collins, George J	Electrical Engineering NSF - National Science Foundation	Dry Etching of III-V Nitride Films & Nanostructures	4/1/00 -	99024101
			9/30/00	\$123,282
Nassar, Carl R Jayasumana, M A Anura P	Electrical Engineering NSF - National Science Foundation	Carrier Interference Multiple Access (CIMA): Innovation in Spread Spectrum Wireless Communication	5/15/99 -	99048601
			5/14/01	\$302,440
Zoughi, Reza Qaddoumi, Nasser N	Electrical Engineering Johns-Mansville Corporation	Broad-Band Microwave Dielectric Characterization of Complex Glasses	9/1/98 -	99013001
			5/31/99	\$20,043
Zoughi, Reza	Electrical Engineering NSF - National Science Foundation	Detection & Profiling of Accelerated Chloride Penetration in Concrete Using Near-Field Microwave Techniques	1/1/99 -	99008901
			12/31/01	\$399,176
Zoughi, Reza Qaddoumi, Nasser N	Electrical Engineering Texas Research Institute (NTIAC)	Impact Damage Detection in Composites Using Microwave Near-Field Techniques	1/1/99 -	99015201
			6/30/99	\$23,333
Carlile, Craig Jackson, Elizabeth A	Mechanical Engineering Colo Dept Higher Educ-Historical Society	Preservation Science - An Education Project	4/1/99 -	99045201
			8/31/99	\$9,990
Hutcherson, Gary Willson, Bryan D	Mechanical Engineering American Gas Association	Technical Proposal to Provide Project Management, Engine Testing and Data Analysis/Correlation for the ...	8/1/98 -	99019801
			7/31/99	\$209,682

Engineering - Proposals

Principal Investigator	Department/Sponsor	Title	Dates	Key # \$Amount
Kirkpatrick,Allan T	Mechanical Engineering	Establishment of a Center of Excellence for the Study of	9/1/98 -	99011401
Willson,Bryan D	DOE-Chicago	Hybrid Electric Vehicles	8/31/00	\$227,704
Peterson,Michael	Mechanical Engineering NSF - National Science Foundation	Dynamics of Distributed Parameter Systems- - Research & Education	9/1/99 - 8/31/03	99014901 \$198,866
Radford,Donald W	Mechanical Engineering NSF - National Science Foundation	Predictions of Solutions for Distortion Free Fiber Reinforced Laminated Composite Components	4/1/99 - 3/30/02	99045701 \$218,979
Willson,Bryan D	Mechanical Engineering	Scope of Work & Cost Estimate for the Testing of	9/15/98 -	99038301
Hutcherson,Gary	Woodward Governor Company *	Woodward Governor Company "Glow-Tech" Hardware	5/31/99	\$64,438
Willson,Bryan D	Mechanical Engineering	Scope of Work for Facility Preparation & Test Program	10/1/98 -	99050001
Hutcherson,Gary	General Electric Corporation	for General Electric Transportation Systems	12/31/98	\$77,780
Willson,Bryan D	Mechanical Engineering	Testing of Emissions of Hazardous Air Pollutants, Phase	9/1/98 -	99036001
Hutcherson,Gary	Pacific Environmental Services, Inc.	I & II	9/30/98	\$41,192

Liberal Arts - Proposals

Principal Investigator	Department/Sponsor	Title	Dates	Key # \$Amount
Browne,Katherine E	Anthropology NSF - National Science Foundation	Through the Lens of Entrepreneurship: A Comparative Study of Gender & Work in the Caribbean	1/1/99 - 12/31/99	99013401 \$192,229
Phillips,Ronnie J Cutler,Harvey	Economics NSF-SBE-Social, Behav & Econ Sciences	The Efficiency of Self-Regulated Payments Systems	5/15/99 - 5/15/01	99036801 \$165,168
Thaut,Michael H	Music, Theatre & Dance Manor Care Foundation	Keyboard & Percussion Instrument Therapy in the Physical Rehabilitation of Elderly Stroke Victims	9/1/98 - 8/31/99	99022401 \$74,724
Stavis,Dimitris Shibuya,Eric Y	Political Science NSF - National Science Foundation	"Mice Can Roar": Small Island States in International Environmental Policy	3/1/98 - 9/1/98	99022101 \$8,000

Natural Resources - Proposals

Principal Investigator	Department/Sponsor	Title	Dates	Key # \$Amount
Cooper,David Jonathan	Earth Resources The Nature Conservancy	Ecosystem Dynamics & the Ecological Integrity of Intermountain Wetlands	4/1/99 - 5/31/02	99047501 \$143,433
Hannah,Judith L Packard,Mary Johnson	Earth Resources NSF - National Science Foundation	Upgrading of an ICP Optical Emission & Mass Spectrometer for Geological & Biological Research	1/1/99 - 12/31/99	99014801 \$142,878
Stednick,John D	Earth Resources EPA - Environmental Protection Agency	Effects of Water Exchanges on Water Quality in the South Platte River Basin, Colorado	6/1/98 - 5/31/99	99034601 \$145,947
Wohl,Ellen E	Earth Resources DOD - US Department of Defense	Instrumentation for Disturbance Regimes of Hydrologically Extreme Regions	3/31/99 - 3/31/00	99005701 \$122,562
Kettler,Stephan M Wunder,Michael B	Fish & Wildlife Biology Colorado State Parks/CO Natural Areas Pg	Natural Heritage Inventory of Staunton State Park, Jefferson & Park Counties, Colorado	8/1/98 - 2/15/99	99039601 \$20,302
Knight,Richard L	Fish & Wildlife Biology USDA-NRCS-Natural Resources Consvtn Srv	Conversion of Ranchland to Rural Housing Developments: Ecological Costs	8/1/98 - 7/31/01	99018701 \$10,000
Noon,Barry R	Fish & Wildlife Biology DOI-Bureau of Reclamation	Population Viability Analysis for the Southwest Willow Flycatcher	10/1/98 - 9/30/99	99033301 \$139,153
Spackman,Susan	Fish & Wildlife Biology DOD - US Department of Defense	Rare Species Clearances for Peterson Air Force Base	4/1/99 - 12/31/99	99011501 \$18,000
Wunder,Michael B	Fish & Wildlife Biology DOI-USFWS-Fish & Wildlife Service	Mountain Plover Nest Area Interpretation & Analysis	10/1/98 - 2/28/99	99017801 \$9,385
Hoffer,Roger M	Forest Sciences NASA - Natl Aeronautics & Space Admin.	Characterizing Land Cover & Land Use with Multi-Resolution, Multi-Temporal & Multi-Spectral Satellite Data	5/16/99 - 5/15/02	99033901 \$598,179
Omi,Philip N	Forest Sciences DOI-NPS-National Park Service	Fire Regimes & Fuel Treatments: A Synthesis with Manager Feedback	1/1/99 - 12/31/00	99003401 \$163,759
Rideout,Douglas B Loomis,John B Omi,Philip N	Forest Sciences DOI-NPS-National Park Service	Assessing Values at Risk in the United States from Wildland Fires	2/1/99 - 2/1/01	99003101 \$260,293
Shaw,Robert B Brozka,Robert J	Forest Sciences DOD-ARMY-Fort Drum, New York	Big Game Hunting Data Collection at Fort Drum, New York (On Campus)	11/1/98 - 12/31/98	99042701 \$655
Shaw,Robert B Brozka,Robert J	Forest Sciences DOD-ARMY-Fort Drum, New York	Big Game Hunting Data Collection at Fort Drum, New York (Off Campus)	11/1/98 - 12/31/98	99042601 \$4,845

Natural Resources - Proposals

Principal Investigator	Department/Sponsor	Title	Dates	Key # \$Amount
Shaw,Robert B	Forest Sciences	Floristic Survey of Four Sites for Connecticut Army	3/1/99 -	99040901
Brozka,Robert J	DOD-ARMY-Army National Guard	National Guard	2/28/01	\$120,469
Shaw,Robert B	Forest Sciences	Indicators of Ecological Change on Military Lands	10/1/98 -	99028701
Brozka,Robert J	DOD-ARMY-CERL-Const. Engineer. Res. Lab.		9/30/03	\$1,826,237
Shaw,Robert B	Forest Sciences	Workshop on Landscape Erosion Modeling	10/1/98 -	99037401
Doe,William W	DOD-ARMY-ARO-Army Research Office		6/1/99	\$29,989
Warren,Steven D				
Shaw,Robert B	Forest Sciences	Integrated Natural Resources Plans, U.S. Air Force 611th	10/1/98 -	99043401
Bagley,Calvin F	DOD-ARMY	Air Support Group, Alaska (On Campus)	12/31/99	\$8,253
Shaw,Robert B	Forest Sciences	Integrated Natural Resources Plans, U.S. Air Force 611th	10/1/98 -	99043301
Bagley,Calvin F	DOD-ARMY	Air Support Group, Alaska (Off Campus)	12/31/99	\$36,747
Shaw,Robert B	Forest Sciences	Historic American Buildings Survey Documentation for	10/1/98 -	99041201
Bagley,Calvin F	DOD-ARMY	12 Contributing Properties of Ladd Field Historic District...	9/30/99	\$73,410
Shaw,Robert B	Forest Sciences	Historic American Buildings Survey Documentation for	10/1/98 -	99041301
Bagley,Calvin F	DOD-ARMY	12 Contributing Properties of Ladd Field Historic District...	9/30/99	\$226,590
Shaw,Robert B	Forest Sciences	Integrated Training Area Management & Geographic	10/1/98 -	99041101
Bagley,Calvin F	DOD-ARMY	Information Systems Support for U.S. Army Alaska (On Campus)	9/30/99	\$48,498
Shaw,Robert B	Forest Sciences	Integrated Training Area Management & Geographic	10/1/98 -	99041001
Bagley,Calvin F	DOD-ARMY	Information Systems Support for U.S. Army Alaska (Off Campus)	9/30/99	\$76,502
Shaw,Robert B	Forest Sciences	Alaska Army National Guard Geographical Information	9/1/98 -	99019601
Bagley,Calvin F	DOD - US Department of Defense	Systems (GIS) Support (On Campus)	9/30/99	\$6,734
Shaw,Robert B	Forest Sciences	Alaska Army National Guard Geographical Information	9/1/98 -	99019501
Bagley,Calvin F	DOD - US Department of Defense	Systems (GIS) Support (Off Campus)	9/30/99	\$63,266
Vaske,Jerry J	Nat Res Recreation & Tourism	Social Values, Norms & Sense of Place	8/15/98 -	99027101
Donnelly,Maureen P	USDA - US Department of Agriculture		5/31/00	\$17,999
Binkley,Daniel E	Natural Resource Ecology Lab	Sustainability of Natural Vegetation Communities Grazed	8/1/98 -	99015001
Singer,Francis J	DOI-USGS-Geological Survey	by Elk in Rocky Mountain National Park	9/30/99	\$15,000

Natural Resources - Proposals

Principal Investigator	Department/Sponsor	Title	Dates	Key # \$Amount
Hanan,Niall P	Natural Resource Ecology Lab NASA - Natl Aeronautics & Space Admin.	Net Carbon & Energy Balance of Savanna Ecosystems at Earth Observing System (EOS) Validation Sites in Southern Africa	1/1/99 - 12/31/01	99034301 \$558,470
Hanan,Niall P	Natural Resource Ecology Lab University of Nebraska	Characterization & Improvement of EOS Land Products	7/1/98 - 12/31/00	99012601 \$74,567
Wall,Diana H	Natural Resource Ecology Lab Winslow Foundation	Biodiversity Above & Below the Surface of Soils & Sediments; Mechanisms, Implications for Ecosystem Services & Global...	9/1/98 - 8/31/99	99034201 \$45,000
Wasser,Christopher J Burke,Ingrid C Lauenroth,William K	Rangeland Ecosystem Science NSF - National Science Foundation	Research Experiences for Undergraduates	3/1/99 - 2/28/04	99038101 \$234,016

Natural Sciences - Proposals

Principal Investigator	Department/Sponsor	Title	Dates	Key # \$Amount
Bamburg,James R	Biochemistry & Molecular Bio	REU Site: Undergraduate Research in Molecular	5/1/99 -	99033401
Curthoys,Norman P	NSF - National Science Foundation	Biosciences	4/30/02	\$279,450
Laybourn,Paul J	Biochemistry & Molecular Bio	Biochemical Analysis of PHO5 Gene Regulation	1/1/99 -	99009101
	NSF - National Science Foundation		12/31/02	\$749,961
Luger,Karolin	Biochemistry & Molecular Bio	X-Ray Crystallographic Studies on Transcription Factor	7/1/99 -	99052901
	Searle Scholars Program	Binding in a Nucleosomal Context	6/30/02	\$180,000
Florant,Gregory L	Biology	The Effects of Dietary Fatty Acids on Prostaglandin	3/1/99 -	99009601
	DOD-ARMY-ARO-Army Research Office	Production & Hibernation in Marmots	3/1/02	\$348,177
Medford,June I	Biology	Signals in Development of the Arabidopsis Shoot	1/1/99 -	99009001
	NSF - National Science Foundation		12/31/01	\$450,704
Mykles,Donald L	Biology	Protease Inhibitors as a Countermeasure for Muscle	7/1/99 -	99047301
	NASA - Natl Aeronautics & Space Admin.	Atrophy	12/31/01	\$293,573
Pilon-Smits,Elizabeth A.H	Biology	Heavy Metal Tolerance & Homeostasis in Plants: The	8/1/99 -	99008801
Pilon,Marinus	NSF - National Science Foundation	Role of Chloroplasts	7/31/03	\$655,380
Reddy,Anireddy S N	Biology	Biochemical Basis of Morphogenesis: Elucidating the	2/1/99 -	99024901
	Human Frontier Science Program	Role of Cytoskeletal Motors in Plant Cell Elongation...	1/31/02	\$118,800
Reddy,Anireddy S N	Biology	Functional Analysis of a Novel Calmodulin-binding	7/1/99 -	99048201
	HHS-NIH-National Eye Institute	Kinesin-like Protein from Arabidopsis	6/30/04	\$998,065
Voss,Randall S	Biology	Providing the Amphibian Perspective to Vertebrate	5/1/99 -	99012801
	NSF - National Science Foundation	Genomics: Comparative Gene Mapping in a Model Salamander (Ambystoma)	5/1/02	\$348,745
Wilson,Thomas G	Biology	Genetics of Juvenile Hormone Action in Drosophila	7/1/99 -	99045101
	HHS-NIH-National Institutes of Health		6/30/03	\$688,050
Stein,Fredrick M	Center For Sci, Math & Tech Ed	K2 Reach/Teach: Keystone Kids as Researchers with	3/1/99 -	99027201
	NSF - National Science Foundation	Teachers Project	2/28/02	\$750,001
Stein,Fredrick M	Center For Sci, Math & Tech Ed	Math Teacher Enhancement Project	3/1/99 -	99026301
	Denver Public Schools		2/28/03	\$541,022
Bernstein,Elliot R	Chemistry	Chemical Reactions in Clusters - Atmospheric &	7/1/99 -	99003301
	NSF - National Science Foundation	Combustion Related Systems	6/30/02	\$430,090
Fisher,Ellen R	Chemistry	Acquisition of Departmental Surface Analysis Equipment	3/31/99 -	99024601
Dorhout,Peter K	DOD-NAVY-ONR-Office of Naval Research		4/1/00	\$385,000

Natural Sciences - Proposals

Principal Investigator	Department/Sponsor	Title	Dates	Key # \$Amount
Hochheimer,Hans D	Chemistry	Lattice Effects on the Electronic & Magnetic Properties	5/1/99 -	99019901
Gelfand,Martin P	NSF - National Science Foundation	of Anisotropic Materials	4/30/03	\$1,095,199
Dorhout,Peter K				
Meyers,Albert I	Chemistry	Asymmetric Total Synthesis for Erythrina Alkaloids	1/1/99 -	99018001
	HHS-NIH-National Institutes of Health		12/31/00	\$51,176
Meyers,Albert I	Chemistry	Methodology for Disubstituted Amino Acid Synthesis	1/1/99 -	99017901
	HHS-NIH-National Institutes of Health		12/31/00	\$51,176
Meyers,Albert I	Chemistry	The Total Synthesis of Viridenomycin	6/1/99 -	99047401
	American Cancer Society, Inc.		6/1/01	\$62,338
Parkinson,Bruce Alan	Chemistry	New Approaches to Designing Polymers &	10/1/98 -	99011201
Elliott,C Michael	DOD-USAF-Office of Scientific Research	Characterizing their Interfaces for Electroluminescent	9/30/01	\$663,927
		Device...		
Parkinson,Bruce Alan	Chemistry	Synthesis & Tunneling Spectroscopy of Inorganic	8/15/98 -	99034101
	Midwest Research Institute - NREL	Fullerene Materials	5/30/99	\$46,736
Shi,Yian	Chemistry	Asymmetric Epoxidation of Olefins by Chiral Dioxiranes	7/1/99 -	99048301
	HHS-NIH-National Institutes of Health		6/30/03	\$1,161,581
Shi,Yian	Chemistry	Exploring New Reactive Species for Cyclopropanation	4/1/99 -	99015101
	NSF - National Science Foundation		3/31/04	\$495,611
Stermitz,Frank R	Chemistry	Natural Substrates & Inhibitors of Microbial MDR Pumps	5/1/99 -	99037701
	HHS-NIH-National Institutes of Health		4/30/02	\$203,285
Strauss,Steven H	Chemistry	Weakly Coordinating Aion-Activated Ni-and Pd-	1/1/99 -	99013301
	NSF - National Science Foundation	Catalysts for Polymerizing Norbornene	12/31/01	\$324,195
Szamel,Grzegorz	Chemistry	Dependence of Polymer Dynamics on Polymer	1/1/99 -	99005801
	American Chemical Society	Architecture	12/31/02	\$90,000
Williams,Robert M	Chemistry	Biomedically Important Amino Acids & Derivatives	7/1/99 -	99045001
	HHS-NIH-National Institutes of Health		6/30/03	\$1,182,314
Draper,Bruce	Computer Science	CAREER: Object Recognition as a Markov Decision	7/1/99 -	99013201
	NSF - National Science Foundation	Problem	6/30/03	\$199,680
Gupta,Sandeep K	Computer Science	Communication Support for Distributed Applications in	8/15/99 -	99013601
	NSF - National Science Foundation	Mobile Ad Hoc Networks	8/14/04	\$244,726
Whitley,L Darrell	Computer Science	Walsh Analysis of Embedded Landscapes & Genetic	6/1/99 -	99037901
	NSF - National Science Foundation	Algorithms	5/31/02	\$297,395

Proposals Submitted - 12

Natural Sciences - Proposals

Principal Investigator	Department/Sponsor	Title	Dates	Key # \$Amount
Patton, Carl E	Physics DOD-ARMY-ARO-Army Research Office	Ferrite Ferroelectric Composite Materials for Microwave & Millimeter Wave Devise Applications	10/1/98 - 2/1/99	99022001 \$20,000
Patton, Carl E	Physics DOD-ARMY-ARO-Army Research Office	Instrumentation for the Design & Development of Microwave Magnetic Envelope Soliton Ferrite Film Devices for Radar...	3/31/99 - 3/31/00	99021901 \$179,614
Patton, Carl E	Physics DOD-NAVY-ONR-Office of Naval Research	Instrumentation for the Fabrication & Characterization of Magnetic Oxide Films for Microwave & Millimeter...	3/31/99 - 3/31/00	99021801 \$344,270
She, Chiaoyao	Physics DOD-USAF-Office of Scientific Research	A Sodium Lidar Transmitter for Wind & Temperature Measurements at Artic Lidar Observatory for Middle Atmosphere Research	3/31/99 - 3/31/01	99024801 \$588,682
Givens, Geof H	Statistics NSF - National Science Foundation	CAREER; Bayesian Simulation Modeling	1/22/99 - 1/21/03	99013101 \$217,951
Givens, Geof H	Statistics North Slope Borough (Alaska)	Optimization Methods for Bowhead Aboriginal Whaling Management Procedures	8/15/98 - 6/30/99	99024701 \$54,081
Givens, Geof H	Statistics DOC-NOAA-Natl Oceanic & Atmospheric Admn	Equipment Purchase Contribution for AWMP Simulation	8/1/98 - 5/30/99	99018101 \$6,000

Vet. Medicine & Biomedical Sciences - Proposals

Principal Investigator	Department/Sponsor	Title	Dates	Key # \$Amount
Dudek,F Edward	Anatomy & Neurobiology HHS-NIH-National Institutes of Health	Local Neuronal Circuits of the Suprachiasmatic Nucleus	4/1/99 - 3/31/02	99010001 \$1,268,822
Handa,Robert J	Anatomy & Neurobiology DOD-ARMY	Sex Differences in Stress Responses: Neuroprotective Actions of Gonadal Steroid Hormones	7/1/99 - 6/30/02	99018801 \$355,637
Handa,Robert J Price,Richard H	Anatomy & Neurobiology HHS-NIH-National Institutes of Health	Testosterone & Ethanol Withdrawal Neurotoxicity	10/1/98 - 9/30/99	99034801 \$15,196
Kinnamon,Sue C	Anatomy & Neurobiology Human Frontier Science Program	Utilizing Transgenic Mice to Study Taste Coding	4/1/99 - 3/31/01	99029001 \$80,075
Nagahara,Alan H	Anatomy & Neurobiology HHS-NIH-National Institutes of Health	Fetal Alcohol Exposure & Prefrontal Cortical Function	9/1/98 - 8/31/99	99019701 \$97,474
Rash,John E	Anatomy & Neurobiology HHS-NIH-National Institutes of Health	Technology to Label & Map Membrane Proteins in Central Nervous System (CNS) Tissue	7/1/99 - 6/30/01	99046101 \$217,500
Smith,Bret N	Anatomy & Neurobiology HHS-NIH-National Institutes of Health	Neural Circuitry in the Caudal Solitary Complex	7/1/99 - 6/30/02	99050101 \$446,759
Billinghurst,R. Clark Frisbie,David D	Clinical Sciences Grayson-Jockey Club Research Foundation	Assessment of Serum Markers for Fracture Detection in Race Horses	4/1/99 - 3/30/01	99045601 \$100,009
Dernell,William S	Clinical Sciences AlloSource	Quantification of Bone Induction by Calcium Sulfate & Demineralized Bone Matrix	7/20/98 - 7/19/99	99016601 \$14,436
Grauer,Gregory F Greco,Deborah S Lappin,Michael R	Clinical Sciences Iams Company	Effects of N-3 Fatty Acid Supplementation on the Development of Dirofilarial Associated Glomerulonephritis in Dogs	1/1/99 - 12/31/01	99026101 \$78,988
Kane,Albert J McIlwraith,C Wayne	Clinical Sciences Grayson-Jockey Club Research Foundation	Toe Grabs & Performance Advantage in Racehorses	4/1/99 - 3/31/00	99046001 \$19,661
Kawcak,Christopher E Park,Richard D Norrdin,Robert W	Clinical Sciences Grayson-Jockey Club Research Foundation	Diagnosis of Joint Injury by Computed Tomography (CT) Osteoabsorptiometry	4/1/99 - 3/31/00	99049901 \$16,013
McIlwraith,C Wayne Frisbie,David D	Clinical Sciences Advanced Tissue Sciences, Inc.	A Pilot Project Assessing the Feasibility of Equine Chondrocyte Transplantation Using 3-D Cartilage Scaffolds	8/31/98 - 8/30/99	99023901 \$17,536
Wimsatt,Jeffrey H	Clinical Sciences HHS-NIH-National Institutes of Health	Insulin Resistance & Pregnancy-Induced Hypertension	7/1/99 - 6/30/02	99048401 \$604,758

Vet. Medicine & Biomedical Sciences - Proposals

Principal Investigator	Department/Sponsor	Title	Dates	Key # \$Amount
Cosma,Greg N	Environmental Health University of Colorado Health Sci Ctr	Melatonin in Breast Cyst Fluid: Relationship with Growth Factors & Growth Inhibition in MCF-7 Cells	9/1/98 - 8/31/99	99014301 \$17,273
Cosma,Greg N Burch,James B	Environmental Health HHS-NIH-National Institutes of Health	Oncostatic Role of Melatonin in Gross Cystic Breast Disease	1/1/99 - 12/31/02	99044701 \$322,366
Darragh,Amy Jane Rountree	Environmental Health HHS-CDC-Occup Safety & Health (NIOSH)	Risks, Preventive Strategies, & Hazards Experienced by Construction Workers	9/1/98 - 3/1/98	99025201 \$14,733
Ramsdell,Howard S Veeramachaneni,D N Rao	Environmental Health EPA - Environmental Protection Agency	Adverse Effects of Environmental Endocrine Disruptors in Frogs	10/1/99 - 9/30/02	99036501 \$747,441
Reif,John S	Environmental Health DOD-ARMY	Radiofrequency Oxidative Damage & Amyloid Beta	2/1/99 - 1/31/02	99018901 \$641,290
Stallones,Lorann	Environmental Health HHS-NIH-National Institutes of Health	Farm Stressors & Child Work Practices on Farms	10/1/98 - 2/1/00	99024001 \$99,776
Beaty,Barry J	Microbiology HHS-NIH-National Institutes of Health	Molecular Determinants of Dengue Epidemic Potential	7/1/99 - 6/30/04	99036701 \$1,777,039
Beaty,Barry J	Microbiology HHS-NIH-National Institutes of Health	Training in Molecular Determinants of Dengue Epidemic Potential	7/1/99 - 6/30/04	99036901 \$483,415
Beaty,Barry J	Microbiology HHS-NIH-National Institutes of Health	Training in Vector-Borne Diseases	7/1/99 - 6/30/04	99034701 \$1,246,316
Brennan,Patrick Joseph Belisle,John T	Microbiology HHS-NIH-National Institutes of Health	South African Clinical Isolates of M. Tuberculosis	7/1/99 - 6/30/04	99037201 \$1,496,149
Cooper,Andrea M	Microbiology HHS-NIH-National Institutes of Health	Characterization of Memory Immunity in Tuberculosis	8/1/99 - 7/31/04	99050501 \$920,406
Crick,Dean C	Microbiology HHS-NIH-National Institutes of Health	Isoprenoid Synthesis in M. Tuberculosis	7/1/99 - 6/30/04	99046201 \$1,132,113
Mcneil,Michael R	Microbiology HHS-NIH-National Institutes of Health	Synthesis of Inhibitors of UDP-Galp Mutase	4/1/99 - 3/31/01	99029101 \$75,600
Orme,Ian M	Microbiology HHS-NIH-National Institutes of Health	Strategies for Tuberculosis Vaccine Development & Screening	8/1/99 - 7/31/04	99050401 \$1,347,237
Schweizer,Herbert P	Microbiology Cystic Fibrosis Foundation	Analysis of Pseudomonas Autoinducer-Regulated Proteins	4/1/99 - 3/31/01	99028901 \$86,307

Vet. Medicine & Biomedical Sciences - Proposals

Principal Investigator	Department/Sponsor	Title	Dates	Key # \$Amount
Baker,Dale C	Pathology HHS-NIH-National Institutes of Health	Defective Coagulation Factor Carboxylation of Rambouillet Sheep	7/1/99 - 6/30/02	99050201 \$368,886
Barillas-Mury,Carolina V	Pathology HHS-NIH-National Institutes of Health	The Mosquito Immune Response & Malaria Transmission	7/1/99 - 6/30/02	99050601 \$621,727
Barillas-Mury,Carolina V	Pathology Searle Scholars Program	The Role of the Gambif1 & Ag-STAT Immunoregulatory Pathways from An. Gambiae on Plasmodium Development	6/1/99 - 5/31/02	99050701 \$179,545
Demartini,James C	Pathology University of Colorado Health Sci Ctr	Analysis of Retroviral Antigens & Nucleic Acids in Human Lung Cancer	9/1/98 - 8/31/99	99015301 \$21,058
Gould,Daniel H	Pathology CH2M Hill	Evaluating the Risk of Pathologic Ruminal H2S Production & Polioencephalomalacia	8/1/98 - 10/31/98	99019101 \$36,250
Anthony,Russell V	Physiology HHS-NIH-National Institutes of Health	Regulation & Function of Placental Hormones	7/1/99 - 6/30/02	99044801 \$551,275
Nett,Torrance M	Physiology Gonex, Inc	Ablation of Gonadotrophs in Dogs	11/1/98 - 10/31/99	99047101 \$66,513
Nett,Torrance M	Physiology Gonex, Inc	GnRH Analog Toxins for Targeted Gonadotroph Ablation	3/1/99 - 2/28/01	99018301 \$136,413
Nett,Torrance M Clay,Colin	Physiology HHS-NIH-National Institutes of Health	Targeted Cytoblation of Gonadotrophs	7/1/99 - 6/30/03	99045801 \$902,195
Nett,Torrance M	Physiology Gonex, Inc	GnRH-RIPs in Rams	10/1/98 - 12/31/99	99033201 \$41,920
Durham,James S	Radiological Health Sciences Nuclear Regulatory Commission	Skindose: An Upgrade to the Skin Dose Computer Code Varskin	1/1/99 - 12/31/00	99025301 \$199,836
Fox,Michael H	Radiological Health Sciences HHS-NIH-National Institutes of Health	Flow Cytometric Analysis of Genotoxicity	3/1/99 - 2/28/00	99013501 \$61,540
Waldren,Charles A	Radiological Health Sciences HHS-NIH-National Institutes of Health	Characterization of a Gene Involved in Mammalian Error-Prone Repair	7/1/99 - 6/30/04	99037301 \$746,470

Other - Proposals

Principal Investigator	Department/Sponsor	Title	Dates	Key # \$Amount
Anderson,Jennifer E	Cooperative Extension Colorado Department of Human Service	Colorado Nutrition Network Education Plan (On Campus)	10/1/98 - 9/30/99	99055801 \$415,828
Anderson,Jennifer E	Cooperative Extension Colorado Department of Human Service	Colorado Nutrition Network Education Plan (Off Campus)	10/1/98 - 9/30/99	99055701 \$1,161,340
Bray,Colleen R	Cooperative Extension CompreCare Foundation	Nutrition Program for the Elderly	1/1/99 - 12/31/99	99047201 \$10,000
Mathis,Robert D	Cooperative Extension Search Institute	Assets for Colorado Youth - San Luis Valley Youth Speak	1/1/99 - 12/31/02	99037601 \$25,000
Hurt,Nancy K	Facilities Management Colo Dept Higher Educ-Historical Society	Printing & Publications Renovation (Old Library/ Student Health Services/ Old Commerce)	2/1/99 - 8/15/01	99044901 \$88,920
Wessling,Julie E Delaney,Thomas G	Library NSF - National Science Foundation	Project RAPID (Rapid Access, Processing & Information Delivery): Prototype for Digitized Delivery	1/1/99 - 12/31/02	99009301 \$2,849,860

Section III

**Awards Received
July - September 1998**

Agricultural Sciences - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Davies,Stephen P	Agric & Resource Economics	Computable General Equilibrium Model for the City of Fort Collins	7/8/98 -	5638
Cutler,Harvey	City of Fort Collins		12/31/98	\$22,704
Davies,Stephen P	Agric & Resource Economics	Computable General Equilibrium Model for Larimer & Weld Counties	9/15/98 -	5645
Cutler,Harvey	Larimer County		12/1/99	\$80,000
Davies,Stephen P	Agric & Resource Economics	Small Region Computable General Equilibrium Model	9/15/98 -	8716
Cutler,Harvey	USDA-USFS-Rocky Mtn. Rsrch Station - CO		11/15/00	\$10,000
Frasier,W. Marshall	Agric & Resource Economics	Coping with Prolonged & Severe Drought in the Rio Grande River Basin	9/1/96 -	2901
Young,Robert A	New Mexico State University		8/31/98	\$28,852
Frasier,W. Marshall	Agric & Resource Economics	Meeting Time-Dependent Instream Flow Requirements in a Fully Appropriated Multi-State River Basin	9/1/98 -	2949
	DOI-USGS-Geological Survey		8/31/00	\$291,932
Frasier,W. Marshall	Agric & Resource Economics	Applications of Multivariate Statistics to Values-Objectives-Attitudes-Behavior (VOAB) Data	9/17/98 -	8735
	USDA-USFS-Rocky Mtn. Rsrch Station - CO		12/31/99	\$15,000
Loomis,John B	Agric & Resource Economics	Estimating Non Market Values of Natural Resources	8/15/98 -	2012
	USDA-NRCS-Natural Resources Consvtn Srv		9/30/99	\$15,000
Loomis,John B	Agric & Resource Economics	Preferences & Willingness to Pay Related to Natural Resource Management	9/15/98 -	8739
	USDA-USFS-Rocky Mtn. Rsrch Station - CO		11/15/00	\$25,000
Loomis,John B	Agric & Resource Economics	Estimating the Economic Value of Big Game Habitat Production from Natural & Prescribed Fire	9/23/98 -	8740
	USDA-USFS-Pacific SW		9/30/01	\$22,375
Loomis,John B	Agric & Resource Economics	Theories & Methods for Measuring Environmental Values & Modeling Consumer & Policy Decision Processes	9/17/98 -	8742
	USDA-USFS-Rocky Mtn. Rsrch Station - CO		9/30/01	\$44,140
Sampath,Rajan K	Agric & Resource Economics	Economic Analysis of Renewable Energy Electrification Project in Ghana	8/15/98 -	9353
	Midwest Research Institute - NREL		8/14/99	\$43,274
Belk,Keith	Animal Sciences	Effects of Various Feedlot Growth Promotant Implant Strategies on Beef Carcass Grade Characteristics & ...	7/1/98 -	5628
Tatum,Joseph D	Natl Cattlemen's Beef Association		7/1/99	\$39,592
Smith,Gary C				
Golden,Bruce L	Animal Sciences	Development of a Biometric Identification Device	7/1/98 -	8211
Rollin,Bernard E	Pig Improvement Company (PIC)		10/30/98	\$48,518
Switzer,Ralph V Jr				
Grandin,Temple	Animal Sciences	Survey of Trucking Practice & Injury in Slaughter Horses	7/30/98 -	2003
	USDA-APHIS-Ag & Plant Health Insp Srvc		7/29/99	\$50,000

*Sum of awards received July - September 1998.

Awards Received - 1

Agricultural Sciences - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Irlbeck,Nancy A	Animal Sciences Denver Zoological Foundation	Development of Browse Data Base	2/19/97 - 2/19/99	5440 \$5,000
Siciliano,Paul D	Animal Sciences DuCoa	Effect of Dietary Spray-Dried Bovine Plasma Protein Supplementation on Serum Immunoglobulins & Pre- & Post-	7/1/98 - 6/1/99	8212 \$8,491
Sofos,John N Belk,Keith	Animal Sciences National Pork Producers Council	Microbiological Sampling of Hog Carcasses	4/1/97 - 8/1/98	5163 \$5,479
Smith,Gary C				
Schweissing,Frank C	Arkansas Valley Research Ctr Various "For Profit" Sponsors	Arkansas Valley Project	6/23/92 - 12/31/98	6751 \$2,750
Beck,K George	Bioagriculturl Sci & Pest Mgmt DOI-BLM-Bureau of Land Management	Integrated Leafy Spurge Management: Combining Biological Control Tools to Reduce or Eliminate Herbicide Use	5/21/97 - 12/31/98	1878 \$12,000
Brown,William M Jr	Bioagriculturl Sci & Pest Mgmt USDA-ARS-Agricultural Research Service	Field Evaluation of Barley Germplasm for Reaction to Barley Stripe Rust	6/1/96 - 5/31/01	2067 \$15,000
Hill,Joseph P Quick,James S	Bioagriculturl Sci & Pest Mgmt Colorado Wheat Administrative Commission	Development of Improved Quality & High Yield in Wheat Germplasm in Colorado	7/1/97 - 6/30/99	8305 \$5,000
Holtzer,Thomas O	Bioagriculturl Sci & Pest Mgmt USDA-CSRS-Coop. States Research Service	Management of Russian Wheat Aphid in Dryland Cropping Systems of the Great Plains	9/1/98 - 8/31/99	1441 \$186,955
Ishimaru,Carol A Knudson,Dennis L	Bioagriculturl Sci & Pest Mgmt USDA-ARS-Agricultural Research Service	Functional Landscape Mapping of Clavibacter Michiganensis Subsp. Sepedonicus	7/1/98 - 3/30/01	2159 \$50,397
Jacobi,William R	Bioagriculturl Sci & Pest Mgmt Denver Water Department	Water Usage of Cottonwoods	6/16/97 - 12/31/98	5179 \$12,000
Jacobi,William R	Bioagriculturl Sci & Pest Mgmt City of Fort Collins	Water Usage of Trees & Turf at ARDEC	6/30/98 - 10/30/98	5642 \$10,000
Jacobi,William R	Bioagriculturl Sci & Pest Mgmt USDA-USFS-Rocky Mtn. Rsrch Station - CO	Spatial Analysis of Forest Health Conditions	7/1/98 - 10/31/00	8715 \$22,000
Jacobi,William R	Bioagriculturl Sci & Pest Mgmt USDA-USFS-Forest Research	Pinyon Pine Decline	6/1/98 - 12/31/00	8859 \$15,000
Mcintyre,Gary A	Bioagriculturl Sci & Pest Mgmt USDA-CSRS-Coop. States Research Service	Western Regional Integrated Pest Management Special Projects Program	9/1/95 - 8/31/99	1486 \$50,000

*Sum of awards received July - September 1998.

Awards Received - 2

Agricultural Sciences - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Nissen,Scott J	Bioagriculturl Sci & Pest Mgmt Potato Administration of Colorado	Potential Losses of EPTAM during Sprinkler Application & the Influence of Soil Moisture Levels at Time of ...	7/1/96 - 6/30/99	8322 \$12,000
Nissen,Scott J	Bioagriculturl Sci & Pest Mgmt Potato Administration of Colorado	Continued Evaluation of Authority & Visor for Potato Weed Control	7/1/97 - 6/30/99	8337 \$5,000
Schwartz,Howard F Brick,Mark A	Bioagriculturl Sci & Pest Mgmt USDA-CSRS-Coop. States Research Service	Survey of Fusarium Oxysporum Variability & Its Management in Sugarbeet & Dry Bean Cropping Systems	8/15/98 - 8/31/00	1361 \$38,244
Byrne,Patrick F Schwartz,Howard F	Bioagriculturl Sci & Pest Mgmt Nebraska Dry Bean Commission	Bean Disease Management - Disease Forecasting Network	7/1/97 - 4/1/99	5195 \$5,000
Schwartz,Howard F Hill,Joseph P	Bioagriculturl Sci & Pest Mgmt Potato Administration of Colorado	Studies on Occurrance Control of Early & Late Blight Diseases of Potato in Colorado	7/1/97 - 6/30/99	8335 \$7,500
Westra,Philip	Bioagriculturl Sci & Pest Mgmt Washington State University	Basic Research on the Physiology & Genetic Diversity of Jointed Goatgrass	4/1/97 - 3/31/01	1321 \$10,000
Westra,Philip Nissen,Scott J	Bioagriculturl Sci & Pest Mgmt Washington State University	National Jointed Goatgrass Extension Coordinator	3/1/98 - 3/31/99	1328 \$25,619
Westra,Philip Nissen,Scott J	Bioagriculturl Sci & Pest Mgmt Washington State University	National Jointed Goatgrass Extension Coordinator	3/1/98 - 3/31/00	1329 \$6,381
Westra,Philip Nissen,Scott J	Bioagriculturl Sci & Pest Mgmt Washington State University	National Jointed Goatgrass Extension Coordinator	3/1/98 - 3/31/00	1330 \$10,000
Pearson,Calvin H	Fruita Research Center Various "Non-Profit" Sponsors	Agronomic Research in Western Colorado	7/1/91 - 12/31/98	6667 \$1,000
Hamman Jr,Richard Allen	Horticulture & Landscape Arch Colorado Department of Agriculture	Viticulture & Enology Research for the Colorado Wine Industry	7/1/98 - 6/30/99	0216 \$120,000
Spencer,William P	Intl Agricultural Program USDA-Foreign Agricultural Service	Faculty Exchange Program	4/20/97 - 12/31/99	2099 \$44,487
Spencer,William P	Intl Agricultural Program USDA-Foreign Agricultural Service	Non-Degree Training Program	7/1/98 - 7/30/03	2158 \$14,500
Thompson-Johns,Asunta L	San Luis Valley Research Ctr Potato Administration of Colorado	Cultural & Physiological Studies	7/1/97 - 6/30/99	8325 \$35,000

*Sum of awards received July - September 1998.

Agricultural Sciences - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Davis, Jessica G	Soil & Crop Sciences University of Nebraska	Effective Use of Carbon & Nutrients in Manure Using Site-Specific Application	4/1/98 - 3/31/01	1302 \$45,599
Davis, Jessica G Heil, Dean M	Soil & Crop Sciences DOI-BLM-Bureau of Land Management	Development of Best Management Practices for the Oxford Tract	9/15/98 - 9/30/99	1814 \$5,000
Johnson, Duane L	Soil & Crop Sciences Kansas State University	Development & Management of Canola in the Great Plains Region	5/1/94 - 4/30/99	1306 \$11,000
Johnson, Jerry J	Soil & Crop Sciences Colorado Wheat Administrative Commission	Development of Improved Quality & High Yield in Wheat Germplasm in Colorado	7/1/97 - 6/30/99	8302 \$6,500
Kelly, Eugene F Cipra, Jan E	Soil & Crop Sciences USDA-NRCS-Natural Resources Consvtn Srv	Soil Survey & Survey Certificate	10/1/97 - 9/30/98	2007 \$5,740
Quick, James S	Soil & Crop Sciences USDA-ARS-Agricultural Research Service	Sugarbeet Production Research (FY97)	10/1/97 - 9/30/98	8033 \$1,695
Quick, James S	Soil & Crop Sciences Colorado Wheat Administrative Commission	Development of Improved Quality & High Yield in Wheat Germplasm in Colorado	7/1/97 - 6/30/99	8300 \$61,500
Quick, James S	Soil & Crop Sciences Colorado Wheat Administrative Commission	Evaluation of Milling & Baking Performance of Colorado Wheats	7/1/97 - 6/30/99	8303 \$6,000
Waibel, Gilbert P	Soil & Crop Sciences Colorado Seed Growers Association	Colorado Seed Growers	7/1/98 - 6/30/99	5626 \$141,008
Waskom, Reagan M	Soil & Crop Sciences Colorado Department of Agriculture	Training & Education for Agricultural Chemicals & Groundwater	7/1/98 - 6/30/99	0285 \$125,600
Westfall, Dwayne G	Soil & Crop Sciences USDA-ARS-Agricultural Research Service	Precision Farming to Protect Water Quality & Conserve Resources	9/1/96 - 8/31/01	2079 \$60,000

*Sum of awards received July - September 1998.

Applied Human Sciences - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Stein,Fredrick M	Dean Of Applied Human Sciences	Rocky Mountain Teacher Education Collaborative	6/15/94 -	3454
Hartley,Nancy K	University of Northern Colorado		5/31/99	\$140,305
Kiisk,Linda M	Design, Merch & Consumer Sci	Introduction to Sustainable Practices Teleconference	6/12/98 -	2912
Dunbar,Brian H	DOI-NPS-National Park Service		10/21/98	\$56,000
Carlile,Brenda M				
Hickey,Matthew	Exercise & Sport Science Experimental and Applied Sciences, Inc.	Effect of an Oral IGF-1 Secretagogue on Skeletal Muscle & Endocrine Adaptations to Resistance Exercise	5/1/98 - 3/1/99	6311 \$44,642
Johnson,Patricia A	Human Dev & Family Studies Kansas State University	Children, Youth & Family Network for Action: Child Care	2/1/98 - 1/31/99	1333 \$5,600
Yang,Raymond K	Human Dev & Family Studies	Colorado Elderhostel	7/1/95 -	5050
Rastall,Jan M	Elderhostel		9/30/98	\$15,176
Wolff,Birgit H	Mfg Tech & Constr Mgmt	Envirotest Illinois Training	5/15/98 -	6003
Kemper,James M	Envirotest		5/15/99	\$91,404
Sample,Pat L	Occupational Therapy DE-Special Ed-Children with Disabilities	Life Transition for Youth with Acquired Brain Injuries	10/1/98 - 9/30/02	4211 \$149,953
Sample,Pat L	Occupational Therapy HHS-CDC-Environ. Hlth & Injury Control	The Culture of Rural Health Care-(Project 1)	9/1/95 - 8/31/01	7806 \$35,525
Schelly,Catherine L	Occupational Therapy Foothills Gateway Rehabilitation Center	Community Integrated Employment/ Partnerships in Employment through Natural Supports	7/1/98 - 9/30/98	5643 \$50,994
Cobb,R Brian	School Of Education	Transition System Project	7/1/98 -	0267
Thomson,Alexander D	Colorado Department of Education		6/30/99	\$43,631
Lehmann,Jean P	School Of Education DE-Dept. of Devel. Post-Secondary	Aiming for the Future	11/1/96 - 10/31/99	4209 \$117,386
Love,Cathleen T	School Of Education Poudre School District R-1	Even Start Program	7/1/94 - 6/30/99	5301 \$18,849
Buchan,Victoria	Social Work Poudre Valley Fire Authority	Household & Business Community Survey	7/1/98 - 3/31/99	5513 \$28,271

*Sum of awards received July - September 1998.

Business - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Francis,G James	Inst For Transportation Mgt	Tribal Technical Assistance Program	1/1/98 -	1026
Hall,Ronald C	DOT-Federal Highway Administration		12/31/98	\$9,615
Francis,G James	Inst For Transportation Mgt	Tribal Technical Assistance Program	1/1/98 -	1027
Hall,Ronald C	DOT-Federal Highway Administration		12/31/98	\$140,385
Mccarthy,Anne M	Management	Human Resources Management Practices	5/1/98 -	3663
Tucker,Mary	Arizona State University		12/31/98	\$756
Mccarthy,Anne M	Management	Entrepreneurship Curriculum Development	6/15/98 -	5473
	Coleman Foundation		5/15/99	\$25,000

*Sum of awards received July - September 1998.

Engineering - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Collett, Jeffrey L. Jr	Atmospheric Science	Investigations of Drop Size-Dependent Cloud Chemistry	8/24/98 -	5864
Moore, Katharine F	EPA-Environmental Educ & Training Prog		8/23/99	\$8,714
Collett, Jeffrey L. Jr	Atmospheric Science ENSR Consulting & Engineering	Pilot Studies Investigating Organic Composition of San Joaquin Valley Fogs & Techniques for Measuring Fog Deposition	9/1/98 - 8/31/99	6016 \$78,160
Cox, Stephen K	Atmospheric Science UCAR-NCAR-SOARS	Significant Opportunities in Atmospheric Research & Science (SOARS) Scholarship -Janel Cobb	8/15/96 - 12/31/98	3402 \$6,088
Denning, A Scott	Atmospheric Science NASA-Goddard	Spatial Integration of Regional Carbon Balance in Amazonia	7/1/98 - 2/28/99	1987 \$110,530
Denning, A Scott	Atmospheric Science Univ. of California at Santa Barbara	The Earth System Science Workbench: A Scalable Infrastructure for Earth Science Information Partners	3/1/98 - 1/31/01	2722 \$20,311
Denning, A Scott	Atmospheric Science NSF-GEO-Geosciences	Sources & Sinks of Anthropogenic; CO2: Integrated Assessment using Biogeochemical...	7/1/98 - 9/30/00	3539 \$244,000
Gray, William M	Atmospheric Science American Meteorological Society	Earth System Science Mission to Planet Earth Fellowship	8/15/98 - 8/14/99	5506 \$15,000
Johnson, Richard H	Atmospheric Science American Meteorological Society	Graduate Fellowship for 1998/1999 for Erica Loechl	8/1/98 - 7/31/99	5647 \$15,000
Kreidenweis-Dandy, Sonia M Chen, Yalei	Atmospheric Science NASA-Goddard	Studies of Homogeneous Freezing Nucleation at Upper Tropospheric Conditions	9/1/97 - 8/31/99	1901 \$22,000
Pielke, Roger A Liston, Glen E	Atmospheric Science NASA-Goddard	A Snow-Evolution Modeling-System for Weather, Climate, & Hydrologic Applications	7/1/98 - 6/30/01	1986 \$320,000
Randall, David A	Atmospheric Science NSF-GEO-Geosciences	Convective Cloud Systems in Climate Models	10/1/98 - 9/30/03	3554 \$209,494
Randall, David A Jensen, Tommy G	Atmospheric Science DOE - US Department of Energy	Clouds & Ocean-Atmosphere Interactions in the Pacific Basin	9/15/95 - 3/31/99	3865 \$90,000
Rutledge, Steven A Bringi, Viswanathan N Chandrasekar, V	Atmospheric Science NSF-GEO-Geosciences	Improving Nexrad-Based Estimates of Precipitation Rates & Hydrometeor Classification	9/1/96 - 8/31/99	3091 \$125,000
Rutledge, Steven A Bringi, Viswanathan N Cox, Stephen K	Atmospheric Science NSF-GEO-Geosciences	The CSU-CHILL Radar Facility	5/1/95 - 4/30/00	3157 \$581,899

*Sum of awards received July - September 1998.

Awards Received - 7

Engineering - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Stephens,Graeme L	Atmospheric Science	Retrieval of Cirrus Cloud Microphysical & Radiative	9/1/96 -	1933
Drummond,Charles J	NASA - Natl Aeronautics & Space Admin.	Properties from Multispectral MODIS & MAS Measurements	8/31/99	\$22,000
Stephens,Graeme L	Atmospheric Science NASA - Natl Aeronautics & Space Admin.	Assessing the Impact of Remote Sensing Data on the Cloudiness Predictions in Short-Term Forecasts	11/1/97 - 10/31/00	1950 \$173,386
Stephens,Graeme L	Atmospheric Science Battelle Memorial Institute	Shortwave Intensive Operating Period (IOP)	8/13/97 - 8/31/99	9335 \$15,535
Batt,Brian C	Chemical & Biores Engineering CATI-Colo. Advanced Technology Institute	The Colorado Bioprocessing Center	7/1/98 - 6/30/99	0286 \$320,000
Garcia,Luis	Chemical & Biores Engineering DOI-Bureau of Reclamation	Update to the Agricultural Drainage Planning Program (ADPP)	9/21/98 - 5/1/99	1796 \$20,000
Garcia,Luis	Chemical & Biores Engineering DOI-Bureau of Reclamation	Stream Water Quality Modeling Technology Development	9/30/96 - 9/30/99	1842 \$13,805
Karim,M Nazmul	Chemical & Biores Engineering UNCF-Merck Science Initiative	Graduate Science Research Dissertation Fellowship Award	8/16/98 - 3/15/00	5694 \$40,000
Loftis,Jim C Garcia,Luis	Chemical & Biores Engineering DOI-NPS-National Park Service	Inventorying & Monitoring Natural Resources Status & Trends in the National Park System	4/17/95 - 2/22/99	4159 \$20,000
Mcconica,Carol M Edwards,Harry W	Chemical & Biores Engineering NSF - Engineering Grant	Nonflowing Chemical Processing for Thin Film Manufacturing	10/1/97 - 9/30/99	3285 \$40,000
Murphy,Vincent G	Chemical & Biores Engineering CATI-Colo. Advanced Technology Institute	Colorado Institute for Research in Biotechnology (CIRB) Program Plan for Fiscal Year 99	7/1/98 - 6/30/99	0279 \$166,500
Oad,Ramchand	Chemical & Biores Engineering CID-Consortium for Inter. Development	Sustainable Irrigation Development in Indonesia	5/15/97 - 9/14/98	9226 \$33,146
Reardon,Kenneth F	Chemical & Biores Engineering EPA-Environmental Educ & Training Prog	1998 Science to Achieve Results (STAR) Fellowships for Graduate Environmental Study	9/1/98 - 8/31/01	5862 \$17,000
Adams,Christopher R Vonderhaar,Thomas H	Cira DOC-NOAA-Natl Oceanic & Atmospheric Admn	Effective Communication & Utilization of National Weather Service Critical Hydrometeorological Information...	10/1/96 - 6/30/01	1214 \$37,000
Cotton,William R Pielke,Roger A Walko,Robert L	Cira DOC-NOAA-Natl Oceanic & Atmospheric Admn	Simulations of the Interaction Between Deep Convection & the Ocean Mixed Layer During...	2/11/97 - 6/30/01	1224 \$80,000

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Engineering - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Cotton, William R	Cira	Precipitation & Sediment Transport in the Rio Puerco Basin	9/15/97 -	1733
Doesken, Nolan J	DOI-USGS-Geological Survey		9/30/99	\$19,947
Ramirez, Jorge A				
Eis, Kenneth E	Cira	Investigation to Identify Secondary Uses Associated with Existing Flood Detection & Early Warning System	8/1/98 -	1768
Gruntfest, Eve	DOI-Bureau of Reclamation		9/30/98	\$6,000
Eis, Kenneth E	Cira	Assistance for Image Display Techniques & Data Analysis	9/1/98 -	1790
	DOI-NPS-National Park Service		8/31/99	\$672,552
Feingold, Graham	Cira	Impact of Enhanced Cloud Condensation Nucleus Concentrations on Microphysics & Dynamics of Marine	7/1/96 -	1209
	DOC-NOAA-Natl Oceanic & Atmospheric Admn		6/30/01	\$43,340
Fuller, Kirk A	Cira	Radiative Transfer Analysis of Filter-Based Measurements of Aerosol Absorption Coefficients	9/1/98 -	1791
Kreidenweis-Dandy, Sonia M	DOI-NPS-National Park Service		12/31/99	\$42,655
Iyer, Hariharan K	Cira	Statistical Analyses Related to Air Quality & Atmospheric Visibility	9/1/98 -	1794
	DOI-NPS-National Park Service		8/30/99	\$84,053
Johnson, Lynn	Cira	Hydrologic Forecasting System Evaluation & Development Support	7/1/96 -	1215
Vonderhaar, Thomas H	DOC-NOAA-Natl Oceanic & Atmospheric Admn		6/30/01	\$50,400
Johnson, Richard H	Cira	Study of Large-Scale Motions, Boundary Layer Processes & Convective Parameterizations using TOGA/...	2/11/97 -	1222
	DOC-NOAA-Natl Oceanic & Atmospheric Admn		6/30/01	\$110,000
Kidder, Stanley Q	Cira	Co-Instructor for the COMET Satellite Meteorology Course	9/1/98 -	1105
	UCAR-NCAR-COMET Atmospheric Tech. Divis.		9/30/98	\$3,370
Kidder, Stanley Q	Cira	Study of the Role of Clouds in the Relationship Between Land Use/Land Cover & the Climate & Air Quality	11/21/96 -	1936
	NASA-Marshall Space Center		11/20/99	\$58,866
Kreidenweis-Dandy, Sonia M	Cira	Impact of Clouds on Nitrogen Species & Ozone in the NARE Boundary Layer	5/1/98 -	1236
Feingold, Graham	DOC-NOAA-Natl Oceanic & Atmospheric Admn		6/30/01	\$126,700
Kreidenweis-Dandy, Sonia M	Cira	Characterization of Particle Light Extinction at Grand Canyon & Big Bend National Parks	9/1/98 -	1792
Collett, Jeffrey L. Jr	DOI-NPS-National Park Service		8/31/99	\$120,466
Mckee, Thomas B	Cira	Temperature, Precipitation & Wind Continuity with Automated Surface Observing System-ASOS	10/1/96 -	1213
Doesken, Nolan J	DOC-NOAA-Natl Oceanic & Atmospheric Admn		6/30/01	\$127,000

*Sum of awards received July - September 1998.

Engineering - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Pielke,Roger A	Cira	Parameterizing Subgrid-Scale Snow-Cover	7/1/97 -	1229
Liston,Glen E	DOC-NOAA-Natl Oceanic & Atmospheric Admn	Heterogeneities for Use in Regional & Global Climate Models	6/30/01	\$70,000
Schubert,Wayne H	Cira	Influence of the Tropical Western Pacific on Climate Dynamics	2/11/97 -	1223
	DOC-NOAA-Natl Oceanic & Atmospheric Admn		6/30/01	\$106,100
Stephens,Graeme L	Cira	A Multisensor Satellite Study of Upper Tropospheric Water Vapor & Clouds	7/1/96 -	1207
	DOC-NOAA-Natl Oceanic & Atmospheric Admn		6/30/01	\$80,000
Vonderhaar,Thomas H	Cira	Cooperative Institute for Research	7/1/96 -	1201
	DOC-NOAA-Natl Oceanic & Atmospheric Admn		6/30/01	\$365,000
Vonderhaar,Thomas H	Cira	Environmental Applications Research	7/1/96 -	1202
	DOC-NOAA-Natl Oceanic & Atmospheric Admn		6/30/01	\$2,955,938
Vonderhaar,Thomas H	Cira	Air-Sea Interaction Remote Sensing Processes	6/19/96 -	1204
Frisch,Alfred S	DOC-NOAA-Natl Oceanic & Atmospheric Admn		6/30/01	\$50,551
Vonderhaar,Thomas H	Cira	International Satellite Cloud Climatology Project Sector Processing Center for GOES-9...	7/1/96 -	1210
	DOC-NOAA-Natl Oceanic & Atmospheric Admn		6/30/01	\$150,000
Vonderhaar,Thomas H	Cira	CIRA Activities & Participation in DMSP Satellite Data Processing & Analysis	7/1/96 -	1211
Eis,Kenneth E	DOC-NOAA-Natl Oceanic & Atmospheric Admn		6/30/01	\$136,000
Vonderhaar,Thomas H	Cira	GOES-I/M Product Assurance & Advanced Product Development for a Demonstration Project for Satellite...	7/1/96 -	1212
	DOC-NOAA-Natl Oceanic & Atmospheric Admn		6/30/01	\$25,000
Vonderhaar,Thomas H	Cira	Severe Weather Research	7/1/96 -	1221
Purdom,James F	DOC-NOAA-Natl Oceanic & Atmospheric Admn		6/30/01	\$135,000
Vonderhaar,Thomas H	Cira	Funds for Satellite Data Reception & Analysis Support	10/1/96 -	1227
	DOC-NOAA-Natl Oceanic & Atmospheric Admn		6/30/01	\$75,000
Vonderhaar,Thomas H	Cira	GOES Science Improvements from Technical Modeling Work for Precipitation Forecasting & Storm ...	8/1/97 -	1232
	DOC-NOAA-Natl Oceanic & Atmospheric Admn		12/31/01	\$100,000
Vonderhaar,Thomas H	Cira	GOES-I/M Product Assurance for Advanced Product Development for Support of the Virtual Institute for Satellite...	1/1/98 -	1235
	DOC-NOAA-Natl Oceanic & Atmospheric Admn		6/30/01	\$100,000
Vonderhaar,Thomas H	Cira	Center for Geosciences/Atmospheric Research	8/5/98 -	7400
	DOD-ARMY	Technology Transfer	8/4/01	\$888,576

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Engineering - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Vonderhaar, Thomas H	Cira DOD-ARMY	Center for Geosciences/Atmospheric Research Hydro-Meteorology	8/5/98 - 8/4/01	7410 \$476,150
Vonderhaar, Thomas H	Cira DOD-ARMY	Center for Geosciences/Atmospheric Research Cloud Structure, Dynamics & Climatology	8/5/98 - 8/4/01	7420 \$1,266,762
Vonderhaar, Thomas H	Cira DOD-ARMY	Center for Geosciences/Atmospheric Research N-Dimensional Data Assimilation & Fusion	8/5/98 - 8/4/01	7430 \$695,166
Vonderhaar, Thomas H	Cira DOD-ARMY	Center for Geosciences/Atmospheric Research Chemistry, Aerosols & Visibility	8/5/98 - 8/4/01	7440 \$269,292
Vonderhaar, Thomas H	Cira DOD-ARMY	Center for Geosciences/Atmospheric Research Remote Sensing of Battlespace Parameters	8/5/98 - 8/4/01	7450 \$887,191
Abt, Steven R	Civil Engineering	Synthetic Industries Pyramat Tests	9/2/98 -	6005
Thornton, Christopher I	Synthetic Industries		11/30/00	\$149,721
Abt, Steven R	Civil Engineering	Platte River Hydraulic Model Study	12/1/97 -	6285
Brisbane, Thomas E	Love & Associates, Inc.		12/31/98	\$5,750
Thornton, Christopher I				
Bienkiewicz, Bogusz J	Civil Engineering DOT-Federal Highway Administration	Federal Highway Administration Purchase Order	5/15/98 - 8/14/98	1024 \$3,770
Fontane, Darrell G	Civil Engineering	Ecology of Western Reservoirs	9/1/96 -	1832
Unknown 13	DOI-National Biological Survey		8/31/99	\$9,973
Fontane, Darrell G	Civil Engineering Union Corporation (Japan)	Hydraulics: Specialized Training	8/1/98 - 8/31/99	5708 \$30,850
Fontane, Darrell G	Civil Engineering	Ultrasound Imaging Procedures: Specialized Training	9/19/98 -	5741
Wrigley, Robert H	U.N.-Food & Agriculture Organization		12/19/98	\$6,000
Fontane, Darrell G	Civil Engineering	Molecular Technology in Virology: Specialized Training	9/19/98 -	5742
Akkina, Ramesh K	U.N.-Food & Agriculture Organization		12/19/98	\$6,000
Gutkowski, Richard M	Civil Engineering North Dakota State University	North Front Range Transportation Research Internships	7/1/98 - 12/31/98	1065 \$9,857
Gutkowski, Richard M	Civil Engineering North Dakota State University	Mountain Plains Consortium Subcontract	7/1/98 - 12/31/98	1091 \$79,741

*Sum of awards received July - September 1998.

Engineering - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Gutkowski, Richard M	Civil Engineering North Dakota State University	Local Management of Mountain Plains Consortium Programs	7/1/98 -	1092
			12/31/98	\$5,357
Gutkowski, Richard M	Civil Engineering North Dakota State University	Participation in TEL8	7/1/98 -	1093
			12/31/98	\$19,355
Gutkowski, Richard M	Civil Engineering North Dakota State University	Experimental Wood-Concrete Bridge Construction	7/1/98 -	1095
			12/31/98	\$17,680
Gutkowski, Richard M	Civil Engineering North Dakota State University	Effects of Environmental on Timber Railroad Bridge Members and Connections	7/1/98 -	1098
			12/31/98	\$12,953
Gutkowski, Richard M	Civil Engineering North Dakota State University	Composite Repair of Timber Railroad Bridges	7/1/98 -	9501
			12/31/98	\$14,541
Jacobs, Harold R	Civil Engineering University of Colorado	Space Center of Excellence	7/1/98 -	0131
			6/30/99	\$25,000
Julien, Pierre Y	Civil Engineering Kaiser - Hill Company, L.L.C.	Watershed Erosion Modeling for the Actinide Migration Studies -- Rocky Flats	8/1/98 -	9351
			9/30/00	\$9,496
Meroney, Robert N	Civil Engineering NSF - National Science Foundation	Cooperative Wind Engineering Program	1/1/95 -	3045
			6/30/99	\$350,077
Neff, David E	Civil Engineering Texas Tech University	Cable Vibration Study	5/20/98 -	5658
			6/1/98	\$6,206
Podmore, Terence H	Civil Engineering DOI-Bureau of Reclamation	Water Management Education Program for Navajo Nation Water Users	10/1/97 -	2908
			3/31/99	\$5,000
Salas, Jose D	Civil Engineering DOI-Bureau of Reclamation	Stochastic Analysis Modeling & Simulation (SAMS)	7/15/98 -	2941
			9/30/98	\$12,000
Salas, Jose D Boes, Duane C	Civil Engineering NSF - Engineering Grant	Uncertainty & Risk Analysis Under Extreme Hydrologic Events	10/1/96 -	3113
			9/30/99	\$92,803
Salas, Jose D	Civil Engineering DOE - US Department of Energy	Synthetic Streamflow Generation & Forecasting Project, Phase III	6/15/98 -	3873
			12/15/98	\$32,387
Shackelford, Charles D	Civil Engineering NSF - Engineering Grant	Coupled Solute Migration Through Clay Barrier Materials	9/15/96 -	3112
			8/31/99	\$47,043

*Sum of awards received July - September 1998.

Engineering - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Thornton,Christopher I	Civil Engineering	Investigation of A-Jacks Implementations	8/19/98 -	6038
Watson,Chester C	Armortec		6/30/99	\$148,750
Abt,Steven R				
Thornton,Christopher I	Civil Engineering	Armortec L-Block Testing	8/27/98 -	6334
Abt,Steven R	Armortec		6/30/99	\$85,700
Elhakim,Omnia Ismail	Dean Of Engineering	Colorado Alliance for Minority Participation (CO-AMP)	11/1/96 -	3129
Stein,Fredrick M	NSF-EHR-Education & Human Resources		10/31/01	\$700,000
Smith,Frederick W				
Bringi,Viswanathan N	Electrical Engineering	Coordinated Analysis of Fully Polarimetric CSU-CHILL	7/15/98 -	3544
Hubbert,John	NSF-GEO-Geosciences	Radar Signatures with Surface...	6/30/01	\$112,209
Burleigh,Joan M	Electrical Engineering	The Central Auditory Nervous System & Motor	8/15/98 -	3536
James,Susan P	NSF - Engineering Grant	Performance: Management Through Binaural Synchronization	7/31/99	\$49,488
Menoni,Carmen S	Electrical Engineering	Nanostructure Fabrication Using Co-polymer Masks	7/1/98 -	0283
	CAMI-Advanced Materials Institute/Colo.		6/30/99	\$10,000
Rocca,Jorge J G	Electrical Engineering	Short Pulse Laser Driven X-Ray Lasers in Capillary Discharges	5/14/97 -	5733
	MBI - Max Born Institute/Germany		11/13/98	\$5,300
Wilmsen,Carl W	Electrical Engineering	Colorado State University-Cambridge University	3/1/98 -	3553
	NSF-SBE-Social, Behav & Econ Sciences	Cooperative Research	2/28/01	\$18,000
Wilmsen,Carl W	Electrical Engineering	Optoelectronics Research Experience for Undergraduates	5/1/97 -	3651
	University of Colorado		8/31/98	\$8,536
Zoughi,Reza	Electrical Engineering	Fatigue & Stress Corrosion Failure of Glass Fibers Under	7/1/98 -	0326
Qaddoumi,Nasser N	CAMI-Advanced Materials Institute/Colo.	Static Load	6/30/99	\$10,000
Zoughi,Reza	Electrical Engineering	Microwave Inspection of Rubber Hoses	6/4/98 -	3662
	Arizona State University		6/30/99	\$756
Zoughi,Reza	Electrical Engineering	Development of a Simple, Robust & On-Site Microwave	9/1/98 -	5688
	Portland Cement Association	Inspection Technique for Determining Water to ...	8/31/99	\$20,000
Cherian,Sunil	Mechanical Engineering	Testing Services to ADC Projects	3/12/98 -	6304
	Co-Create, Inc.		9/12/98	\$11,000

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Engineering - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Hittle,Douglas C	Mechanical Engineering	Robust Learning Control for Heating, Ventilating, & Air-	9/15/98 -	3555
Anderson,Charles	NSF - Engineering Grant	Conditioning Systems	8/31/01	\$175,036
Young,Peter				
James,Susan P	Mechanical Engineering	Graduate Fellowships in Mechanical Engineering	9/1/97 -	4262
Hittle,Douglas C	US Department of Education	Engineering	8/31/00	\$126,110
Peterson,Michael				
Peterson,Michael	Mechanical Engineering	Tire Characterization of Multiple Size Tire Casings	5/1/98 -	6000
	Bandag, Inc.		12/31/99	\$49,650
Radford,Donald W	Mechanical Engineering	Effects of Accumulated Fatigue Damage on Ultra- High	7/1/98 -	0282
	CAMI-Advanced Materials Institute/Colo.	Modulus Carbon Fiber Reinforced Composites	6/30/99	\$10,000
Sakurai,Hiroshi	Mechanical Engineering	Generation of Faces & Solids from Curves	8/1/98 -	6009
	Nissan Motor Company		7/31/99	\$31,000
Scheuerman,J. David	Mechanical Engineering	Dynamic Materials Internship	11/4/97 -	6281
Troxell,Wade O	Dynamic Materials Corporation		5/31/98	\$1,228
Smith,Frederick W	Mechanical Engineering	Graduate Research Traineeships in Environmentally	9/15/95 -	3391
	NSF-EHR-Education & Human Resources	Conscious Manufacturing	8/31/00	\$112,500
Trenka,Andrew R	Mechanical Engineering	Colorado Industrial Ecology Program	3/1/98 -	9346
	UCAR-NCAR-Nat Ctr for Atmospheric Res		12/31/98	\$48,139
Willson,Bryan D	Mechanical Engineering	Evaluation of Technologies for Reducing Hazardous Air	8/12/98 -	5508
	GRI-Gas Research Institute	Pollution Emissions	6/30/00	\$397,078
Willson,Bryan D	Mechanical Engineering	Testing of Emissions of Hazardous Air Pollutants, Phase I	9/8/98 -	5934
Hutcherson,Gary	Pacific Environmental Services, Inc.		9/30/98	\$20,167
Willson,Bryan D	Mechanical Engineering	Testing of Emissions of Hazardous Air Pollutants, Phase	9/8/98 -	5935
Hutcherson,Gary	Pacific Environmental Services, Inc.	II	9/30/98	\$21,025

*Sum of awards received July - September 1998.

Liberal Arts - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Sargent,Stuart H	Foreign Languages & Literature Pacific Cultural Foundation	Journey to the West: An Interdisciplinary Symposium	7/1/98 - 11/30/98	5476 \$4,000
Sargent,Stuart H	Foreign Languages & Literature Association for Asian Studies	Journey to the West: An Interdisciplinary Symposium	7/1/98 - 4/1/99	5503 \$1,477
Slater,Michael D	Journalism & Technical Comm HHS-PHS-Alcohol Research Programs	Optimizing & Evaluating Alcohol Warnings in TV Ads	8/1/95 - 7/31/99	7697 \$150,014
Zimmerman,Donald E	Journalism & Technical Comm HHS-CDC-Environ. Hlth & Injury Control	Developing Research-based Multimedia & Print Safety Communications for Rural Populations (Core 2)	9/1/95 - 8/31/01	7805 \$36,247
Slusarski-Harris,Jane	Music, Theatre & Dance City of Fort Collins - Fort Fund	American College Dance Festival	7/1/98 - 4/15/99	5634 \$4,200

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Natural Resources - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Anderson,David R	Coop Fish & Wildlife Research Colorado Division of Wildlife	Demography of Preble's Meadow Jumping Mouse	8/1/98 - 6/30/99	0084 \$20,000
Anderson,David R	Coop Fish & Wildlife Research Colorado Division of Wildlife	98/99 'S' Account	7/1/98 - 6/30/99	0290 \$20,000
Anderson,David R	Coop Fish & Wildlife Research DOI-USGS-Geological Survey	Beaver Control of Tamarisk: Mechanisms & Management Applications	8/5/98 - 12/31/01	1776 \$15,000
Anderson,David R	Coop Fish & Wildlife Research DOI-USGS-Geological Survey	Adaptive Stochastic Dynamic Programming Software Development	4/29/98 - 12/31/00	2825 \$45,000
Anderson,David R	Coop Fish & Wildlife Research USDA-USFS-Pacific SW	The Relationship Between Habitat & Demographic Parameters of the California Spotted Owl in Northeastern California	9/28/98 - 8/31/99	8714 \$26,000
Bergersen,Eric P	Coop Fish & Wildlife Research Colorado Division of Wildlife	98/99 Aquatic Studies	7/1/98 - 6/30/99	0291 \$24,500
Bergersen,Eric P	Coop Fish & Wildlife Research Colorado Division of Wildlife	98/99 Whirling Disease in High Lakes	7/1/98 - 6/30/99	0293 \$38,664
Bergersen,Eric P	Coop Fish & Wildlife Research Colorado Division of Wildlife	98/99 Whirling Disease Polymerase Chain Reaction Development	7/1/98 - 6/30/99	0294 \$58,607
Bergersen,Eric P	Coop Fish & Wildlife Research Colorado Division of Wildlife	98/99 Sentinel Fish Testing for Whirling Disease Resistance	7/1/98 - 6/30/99	0295 \$36,836
Bergersen,Eric P	Coop Fish & Wildlife Research Montana State University	Dynamics of Whirling Disease on the Cache La Poudre River	5/1/97 - 6/30/99	1602 \$33,348
Bergersen,Eric P	Coop Fish & Wildlife Research Montana State University	Assessment of Possible Resistance to Whirling Disease after Exposure to Myxobolus Cerebralis Infection . . .	7/1/98 - 6/30/99	1607 \$53,000
Burnham,Kenneth P	Coop Fish & Wildlife Research Colorado Division of Wildlife	98/99 Sage Grouse Research	7/1/98 - 6/30/99	0292 \$28,000
Cooper,David Jonathan	Earth Resources Colorado Department of Transportation	Limon Wetlands Project: Why Do Cattails Dominate Marsh Wetlands?	7/1/98 - 6/30/99	0300 \$15,000
Cooper,David Jonathan	Earth Resources DOI-NPS-National Park Service	Determining the Cause of Wetland Disappearance at the Great Sand Dunes	5/1/98 - 5/1/00	2822 \$15,200

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Natural Resources - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Cooper,David Jonathan	Earth Resources	Tamarisk Removal & Riparian Restoration Along Reaches of the Green River, Colorado	6/25/98 -	2913
	DOI - US Department of the Interior		12/31/99	\$33,100
Elder,Kevin J	Earth Resources	Snow Hydrology: The Parameterization of Subgrid Processes Within a Physically Based Snow Energy & Mass Model	7/1/98 -	1989
	NASA-Goddard		6/30/01	\$51,313
Elder,Kevin J	Earth Resources	Snow Distribution & Runoff Forecasting, Kings River Basin, California	8/15/96 -	2322
	DOD-ARMY-Corps of Engineers		8/14/99	\$14,146
Hannah,Judith L	Earth Resources	Development of Environmental Contaminant Encyclopedia	8/27/93 -	1731
	DOI-NPS-National Park Service		10/1/99	\$73,100
Hannah,Judith L Herrmann,Raymond	Earth Resources	Watershed Research	7/1/96 -	1752
	DOI-National Biological Survey		8/1/99	\$59,599
Laituri,Melinda J	Earth Resources	Partnership for Geography/Earth Science	8/1/98 -	5618
	Poudre School District R-1		9/30/99	\$12,000
Laituri,Melinda J	Earth Resources	Quantitative Methods in Environmental Justice	9/15/98 -	8736
	USDA-USFS-Rocky Mtn. Rsrch Station - CO		8/31/99	\$11,000
Macdonald,Lee H	Earth Resources	Erosion & Sedimentation in Virgin Islands National Park	2/1/97 -	1867
	DOI - US Department of the Interior		12/31/00	\$14,000
Macdonald,Lee H Loftis,Jim C	Earth Resources	Principles & Guidelines for Evaluating Cumulative Effects	7/1/97 -	5810
	EPA - Environmental Protection Agency		9/30/99	\$37,000
Magloughlin,Jerry F	Earth Resources	Argon Geochronometer of Fault Rocks Associated with Ancient Earthquakes	8/1/98 -	3540
	NSF - National Science Foundation		7/31/00	\$74,056
Meiman,James R	Earth Resources	East Anatolia Watershed Training - 17 Study Group #20	7/12/98 -	9229
	CID-Consortium for Inter. Development		7/30/98	\$8,122
Smith,Freeman M Kunkle,Samuel	Earth Resources	Water Resources Management Plan for the Chattahoochee River National Recreation Area	12/1/97 -	4195
	DOI-NPS-National Park Service		12/31/99	\$18,498
Wohl,Ellen E	Earth Resources	Modeling Flows for Fish Habitat Maintenance - Hydraulic Modeling	8/28/98 -	0312
	Colorado Division of Wildlife		6/30/99	\$21,000
Wohl,Ellen E	Earth Resources	Monitoring Erosion-Control Projects in the Rio Puerco Basin, New Mexico	10/10/98 -	1812
	DOI-BLM-Bureau of Land Management		11/10/99	\$22,000

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Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Allredge,A William	Fish & Wildlife Biology	Response of Elk to Prescribed Fire	1/1/94 -	5287
	Rocky Mountain Elk Foundation		6/30/99	\$14,000
Allredge,A William	Fish & Wildlife Biology	Response of Elk to Prescribed Fires	7/1/98 -	5474
	Rocky Mountain Elk Foundation		6/30/99	\$14,000
Allredge,A William	Fish & Wildlife Biology	Upper Eagle River Valley Elk Study 2	7/1/98 -	6052
	Vail Associates, Inc.		6/30/01	\$129,707
Andelt,William F	Fish & Wildlife Biology	Resolving Conflicts with Wildlife	8/19/98 -	2010
	USDA-APHIS-Ag & Plant Health Insp Srvc		8/18/99	\$5,000
Andelt,William F	Fish & Wildlife Biology	Non-Lethal Methods for Reducing Conflicts With Rodents	8/19/98 -	2011
	USDA-APHIS-Ag & Plant Health Insp Srvc		8/18/99	\$18,000
Baker,Barry B	Fish & Wildlife Biology	Great Outdoors Colorado Program (GOCO) Fiscal Year 1999	7/1/98 -	0313
	Colorado Division of Wildlife		6/30/99	\$300,000
Bestgen,Kevin R	Fish & Wildlife Biology	Evaluation of the Interagency Standardized Monitoring Program Technique (ISMP)	9/8/98 -	0314
	Colorado Division of Wildlife		6/30/99	\$43,450
Bestgen,Kevin R	Fish & Wildlife Biology	Levee Removal & Floodplain Connectivity Evaluation in the Green River, Utah	3/1/96 -	1788
	DOI-Bureau of Reclamation		9/30/01	\$37,400
Bestgen,Kevin R	Fish & Wildlife Biology	Initial Implementation of a Monitoring Programs for Evaluation of Restoration Activities	3/1/96 -	1793
	DOI-Bureau of Reclamation		9/30/01	\$49,000
Bestgen,Kevin R	Fish & Wildlife Biology	Larval Fish Laboratory Involvement in Implementing Recovery Actions for the Endangered Fish in the Upper	10/10/89 -	1845
	DOI-Bureau of Reclamation		9/30/01	\$61,200
Bestgen,Kevin R	Fish & Wildlife Biology	Flaming Gorge Studies: Technical Integration & Synthesis	10/1/94 -	1847
	DOI-Bureau of Reclamation		9/30/01	\$15,000
Bestgen,Kevin R	Fish & Wildlife Biology	Assessment of Drifting Larval Fishes in the Yampa & Green Rivers	10/1/89 -	1871
	DOI-Bureau of Reclamation		9/30/01	\$44,800
Bestgen,Kevin R	Fish & Wildlife Biology	Duchesne River: Assessment & Refinement of Instream Flow Needs	6/1/97 -	1883
	DOI-Bureau of Reclamation		9/30/01	\$33,000
Snyder,Darrel E	Fish & Wildlife Biology	Status of Flannelmouth & Bluehead Suckers & Roundtail Chub	5/1/98 -	2944
	DOI-Bureau of Reclamation		9/30/00	\$30,000

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Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Beyers, Daniel W	Fish & Wildlife Biology	Effects of Winter & Spring Flows on Colorado Squawfish	10/1/94 -	1846
Bestgen, Kevin R	DOI-Bureau of Reclamation		9/30/01	\$22,900
Muth, Robert T				
Beyers, Daniel W	Fish & Wildlife Biology DOI-Bureau of Reclamation	Assessment & Prediction of Effects of Selenium on Razorback Sucker	2/1/98 - 9/30/01	4194 \$62,100
Clements, William H	Fish & Wildlife Biology Colorado Division of Wildlife	Arkansas River Basin Research Study	8/28/98 - 12/31/98	0296 \$71,800
Clements, William H	Fish & Wildlife Biology	Development & Application of Biological Assessment Techniques	10/1/94 - 9/30/99	4171 \$58,000
Boyle, Terence P	DOI-National Biological Survey			
Clements, William H	Fish & Wildlife Biology Hydrosphere Resource Consultants, Inc.	Upper Animas River Biological Evaluation	7/1/98 - 6/30/99	6002 \$32,411
Covich, Alan P	Fish & Wildlife Biology NSF-Biological Centers	Biotic Control of Detrital Processing in Hawaiian Streams	7/15/97 - 7/31/99	3260 \$10,893
Covich, Alan P	Fish & Wildlife Biology USDA - US Department of Agriculture	Effects of Low Flows on Tropical Freshwater Gastropods Along an Elevational Gradient	9/1/98 - 8/31/99	8802 \$30,000
Fausch, Kurt D	Fish & Wildlife Biology Colorado Division of Wildlife	Measuring the Effects of Nonnative Brook Trout on Native Colorado River Cutthroat Trout Populations	7/1/98 - 6/30/99	0287 \$10,000
Fausch, Kurt D	Fish & Wildlife Biology Colorado Division of Wildlife	Developing Tools to Predict Persistence of Extent & Reintroduced Native Cutthroat Trout Populations	7/1/98 - 6/30/99	0306 \$25,000
Flickinger, Stephen A	Fish & Wildlife Biology Colorado Division of Wildlife	Call Center	7/1/98 - 6/30/99	0297 \$51,946
Flickinger, Stephen A	Fish & Wildlife Biology	Development of New Information & Education Products / Collaborational Research	7/1/98 - 6/30/99	0302 \$53,677
Seeber, David A	Colorado Division of Wildlife			
Flickinger, Stephen A	Fish & Wildlife Biology	Wildlife Watch	7/1/98 - 6/30/99	0319 \$55,426
Herring, Renee Karlin	Colorado Division of Wildlife			
Flickinger, Stephen A	Fish & Wildlife Biology	Research on Stream & Riparian Contaminant Risk Assessment Methods for Monitoring Fish & Wildlife Habitat...	4/1/95 - 7/31/99	4169 \$36,348
Nimmo, Del Wayne R	DOI-National Biological Survey			
Grunau, Lee	Fish & Wildlife Biology The Nature Conservancy	Preble's Meadow Jumping Mouse Conservation Plan	8/1/98 - 5/31/99	5507 \$29,281

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Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Grunau, Lee	Fish & Wildlife Biology	City of Boulder Mountain Parks Data #1	6/30/98 -	5630
	City of Boulder		5/31/99	\$1,000
Hawkins, John A	Fish & Wildlife Biology	Yampa River Non-native Fish Control: Northern Pike Spawning & Nursery Habitat Evaluation	5/30/98 -	2943
	DOI-Bureau of Reclamation		9/30/98	\$17,699
Johnson, Brett Michael	Fish & Wildlife Biology	Modeling/Publication of Stable Isotopes	8/1/98 -	0260
	Colorado Division of Wildlife		6/30/99	\$19,300
Johnson, Brett Michael	Fish & Wildlife Biology	Lake Shasta Food Web Analysis Using Bioenergetics Stable Isotopes and Diet Sampling	8/24/98 -	1786
	DOI-USGS-Geological Survey		5/1/99	\$11,300
Kettler, Stephan M Wunder, Michael B	Fish & Wildlife Biology	San Miguel River Site Conservation Plan	5/15/98 -	5627
	The Nature Conservancy		10/31/98	\$7,000
Kettler, Stephan M Wunder, Michael B	Fish & Wildlife Biology	Boulder County Caribou Ranch	4/1/98 -	5654
	Boulder County Parks & Open Spaces		12/31/98	\$16,500
Kettler, Stephan M	Fish & Wildlife Biology	Jefferson County Grassland	6/30/98 -	6017
	Land Stewardship Consulting		12/31/98	\$2,616
Knight, Richard L	Fish & Wildlife Biology	Songbirds Along the Rio Grande River	6/17/98 -	2947
	DOI-Bureau of Reclamation		9/30/00	\$10,000
Lyon, Margarette J	Fish & Wildlife Biology	Mancos Shale Disturbance Study	6/1/98 -	2945
	DOI-BLM-Bureau of Land Management		2/1/99	\$22,500
Noon, Barry R	Fish & Wildlife Biology	Population Viability Analysis for the Southwest Willow Flycatcher	9/30/98 -	1804
	DOI-Bureau of Reclamation		9/30/99	\$132,167
Noon, Barry R	Fish & Wildlife Biology	Predicting the Effects of Ecosystem Fragmentation & Restoration: Management Models for Animal Populations	2/11/98 -	2627
	Northern Arizona University		12/31/98	\$7,250
Noon, Barry R	Fish & Wildlife Biology	Effects of Landscape Patterns on the Distribution & Abundance of Grassland Birds	9/16/98 -	8721
	USDA-USFS-Rocky Mtn. Rsrch Station - CO		8/31/99	\$20,000
Pineda, Phyllis Maria Wunder, Michael B	Fish & Wildlife Biology	Lepidoptera Survey of Jefferson County Lands	6/29/98 -	5641
	Jefferson County, Colorado		12/31/99	\$8,826
Rondeau, Renee	Fish & Wildlife Biology	Pueblo Chemical Depot Permanent Vegetation Monitoring	7/15/98 -	1778
	DOI-USFWS-Fish & Wildlife Service		4/30/03	\$39,418
Sanderson, John S Wunder, Michael B	Fish & Wildlife Biology	Montrose County Wetland Inventory & Assessment	6/1/98 -	1784
	DOI-BLM-Bureau of Land Management		11/15/98	\$9,499

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Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Schorr,Robert	Fish & Wildlife Biology	U. S. Air Force Academy Jumping Mouse 20K	6/1/98 -	2630
Wunder,Michael B	The Nature Conservancy		12/31/98	\$20,000
Schorr,Robert	Fish & Wildlife Biology	Preble's Mouse Surveys	9/17/98 -	8741
Wunder,Michael B	USDA-USFS-Forest Research		9/30/99	\$2,496
Spackman,Susan	Fish & Wildlife Biology	Global Ranking Reports	5/11/98 -	1340
	The Nature Conservancy		11/15/98	\$3,400
Spackman,Susan	Fish & Wildlife Biology	NOSR3 Targeted Inventory Area Analysis & Inventory	3/16/98 -	1783
Wunder,Michael B	DOI-BLM-Bureau of Land Management		9/30/98	\$10,000
White,Gary C	Fish & Wildlife Biology	Modeling & Analytical Services	7/1/98 -	0301
	Colorado Division of Wildlife		6/30/99	\$103,300
Wilson,Kenneth R	Fish & Wildlife Biology	Foraging Behavior & Population Dynamics of Beaver	9/15/96 -	1787
	DOI-National Biological Survey	(Castor canadensis) in Regulated & Unregulated, Arid ...	5/30/00	\$52,566
Wunder,Michael B	Fish & Wildlife Biology	South Park Mountain Plover 4	5/12/98 -	2853
	DOI-BLM-Bureau of Land Management		9/30/98	\$9,000
Wunder,Michael B	Fish & Wildlife Biology	Element Occurrence (EO) Animal Species	6/22/98 -	5617
	The Nature Conservancy		1/31/99	\$2,000
Bagley,Calvin F	Forest Sciences	Integrated Training Area Management Geographic	7/16/98 -	7316
	DOD-ARMY-Corps of Engineers	Information System for the US Army Environmental	7/15/99	\$78,201
		Center		
Bagley,Calvin F	Forest Sciences	Integrated Training Area Management & Related	8/3/98 -	7321
	DOD-ARMY-Corps of Engineers	Geographic Information System Support for United . . .	8/2/99	\$439,884
Binkley,Daniel E	Forest Sciences	Nutrient Supply Effects on Riparian Vegetation on the	5/1/98 -	2940
	DOI-USGS-Geological Survey	Green & Yampa Rivers	5/31/99	\$29,985
Binkley,Daniel E	Forest Sciences	Water Quality & Ecosystem Studies in Northwest Alaska	7/10/96 -	8788
	USDA-USFS-Forest Research		11/30/00	\$45,000
Brozka,Robert J	Forest Sciences	Integrated Training Area Management Program Land	7/13/98 -	7318
	DOD-ARMY-Corps of Engineers	Condition Trend Analysis Field Support for the US . . .	12/12/98	\$29,221
Brozka,Robert J	Forest Sciences	Wetland Management Field Support at Fort Drum, New	7/6/98 -	7391
	DOD-ARMY-Fort Drum, New York	York, On-Campus	10/31/99	\$3,248

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Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Brozka,Robert J	Forest Sciences DOD-ARMY-Fort Drum, New York	Wetland Management Field Support at Fort Drum, New York, Off-Campus	7/6/98 - 10/31/99	7392 \$23,752
Dean,Denis J	Forest Sciences The Nature Conservancy	Spatial Data Management for the Colorado Rockies Regional Cooperative	1/1/96 - 6/30/98	1601 \$11,312
Dean,Denis J	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	Spatially Explicit Models of Oak Woodland Landscapes in California	8/21/97 - 8/31/00	8719 \$60,000
Omi,Philip N	Forest Sciences DOI-BLM-Bureau of Land Management	Evaluation of Wildfire Rehabilitation Treatments, Grand Junction District	5/31/98 - 12/31/98	2903 \$22,000
Shaw,Robert B Brozka,Robert J	Forest Sciences DOI-USFWS-Fish & Wildlife Service	Plant Lamination for the US Fish & Wildlife Service at Rocky Mountain Arsenal	8/10/98 - 6/30/99	1795 \$5,478
Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	Land Condition Trend Analysis Support for Fort A.P. Hill, Virginia	7/28/97 - 9/30/99	2356 \$5,986
Shaw,Robert B Doe,William W Warren,Steven D	Forest Sciences DOD-ARMY-ARO-Army Research Office	Workshop on Landscape Erosion Modeling	9/30/98 - 9/29/99	2364 \$32,000
Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	Wetland & Endangered Species Survey Support for Fort McCoy, Wisconsin	10/1/97 - 9/30/98	2425 \$1,400
Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	U.S. Army Regional Environmental Offices Support of the Chief of Staff, U.S. Army...	11/26/97 - 11/25/98	2460 \$97,999
Shaw,Robert B	Forest Sciences DOD-ARMY-Fort Drum, New York	Cultural Resource Surveys & Management	2/1/98 - 6/30/99	2463 \$36,500
Shaw,Robert B	Forest Sciences DOD-ARMY-Fort Drum, New York	Cultural Resource Surveys & Management	2/1/98 - 6/30/99	2466 \$263,500
Shaw,Robert B Bagley,Calvin F	Forest Sciences DOD-ARMY	Integrated Natural Resources Plans, U.S. Air Force 611th Air Support Group, Alaska, ON CAMPUS	9/29/98 - 9/30/99	2472 \$8,253
Shaw,Robert B Bagley,Calvin F	Forest Sciences DOD-ARMY	Integrated Natural Resources Plans, U.S. Air Force 611th Air Support Group, Alaska, OFF CAMPUS	9/29/98 - 9/30/99	2473 \$36,747
Shaw,Robert B Bagley,Calvin F	Forest Sciences DOD-ARMY	Historic American Buildings Survey Documentation for 12 Contributing Properties of Ladd Field Historic District...	9/29/98 - 9/30/99	2476 \$73,410

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Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Shaw,Robert B	Forest Sciences	Historic American Buildings Survey Documentation for	9/29/98 -	2477
Bagley,Calvin F	DOD-ARMY	12 Contributing Properties of Ladd Field Historic District...	9/30/99	\$226,590
Shaw,Robert B	Forest Sciences	Integrated Training Area Management & Geographic	9/29/98 -	2485
Bagley,Calvin F	DOD-ARMY	Information Systems Support for U.S. Army Alaska, ON CAMPUS	9/30/99	\$48,498
Shaw,Robert B	Forest Sciences	Integrated Training Area Management & Geographic	9/29/98 -	2486
Bagley,Calvin F	DOD-ARMY	Information Systems Support for U.S. Army Alaska, OFF CAMPUS	9/30/99	\$76,502
Shaw,Robert B	Forest Sciences	Intergovernmental Personnel Act (IPA) for Charles E.	7/1/95 -	2562
	DOD-ARMY	Wright	6/30/99	\$106,370
Shaw,Robert B	Forest Sciences	Oregon Army National Guard Resource Monitoring	10/1/98 -	2631
Doe,William W	DOD-ARMY-Oregon Natl Guard/Military Dept	Protocol	12/31/99	\$15,197
Shaw,Robert B	Forest Sciences	Land Condition Trend Analysis Data Analysis for Yuma	7/15/98 -	5629
Brozka,Robert J	Laguna Nat. Res. Conservation District	Proving Ground	8/15/98	\$3,465
Shaw,Robert B	Forest Sciences	Lamination of Botanical Specimens for New Mexico	8/1/98 -	5685
Brozka,Robert J	The Nature Conservancy	Natural Heritage Program	12/31/98	\$5,250
Shaw,Robert B	Forest Sciences	Integrated Training Area Management Support for U.S.	1/7/98 -	7301
	DOD-ARMY	Army Environmental Center in Support of ODCSOP Stationing	1/6/99	\$9,990
Shaw,Robert B	Forest Sciences	Integrated Training Area Management Support for Fort	7/1/98 -	7306
	DOD-ARMY-Corps of Engineers	Stewart, Georgia	6/30/99	\$5,000
Shaw,Robert B	Forest Sciences	Integrated Training Area Management Land Condition	7/1/98 -	7308
	DOD-ARMY-Corps of Engineers	Trend Analysis Support for Fort Stewart, Georgia	6/30/99	\$5,000
Shaw,Robert B	Forest Sciences	Integrated Training Area Management Support at Fort	9/29/98 -	7309
	DOD-ARMY-Corps of Engineers	Stewart, Georgia	9/28/99	\$5,000
Shaw,Robert B	Forest Sciences	Legacy Resources Management Assistance Office of the	3/9/98 -	7310
	DOD-ARMY-Corps of Engineers	Deputy Under Secretary of Defense	9/11/98	\$2,000
Shaw,Robert B	Forest Sciences	Integrated Training Area Management Support for Fort	7/8/98 -	7313
Bagley,Calvin F	DOD-ARMY-Corps of Engineers	Dix, New Jersey	7/7/99	\$68,577

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Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Shaw,Robert B	Forest Sciences	Legacy Resources Management Support	9/14/98 -	7315
Brozka,Robert J	DOD-ARMY-Corps of Engineers		6/13/99	\$55,855
Shaw,Robert B	Forest Sciences	Military Training & Land Management Support for the	11/30/98 -	7317
Doe,William W	DOD-ARMY-Corps of Engineers	Army Training Support Directorate	11/29/99	\$92,082
Shaw,Robert B	Forest Sciences	Integrated Training Area Management Support for Fort	8/3/98 -	7319
Brozka,Robert J	DOD-ARMY-Corps of Engineers	Hunter Liggett, California	8/2/99	\$69,239
Shaw,Robert B	Forest Sciences	Integrated Area Training Management (ITAM)	8/17/98 -	7320
Doe,William W	DOD-ARMY-Corps of Engineers	Management Support for the U.S. Army Environmental Center	2/13/99	\$53,848
Shaw,Robert B	Forest Sciences	Land Condition Trend Analysis & Land Rehabilitation &	8/17/98 -	7322
Brozka,Robert J	DOD-ARMY-Corps of Engineers	Maintenance Program Support at Fort Hunter Liggett...	8/16/99	\$103,995
Shaw,Robert B	Forest Sciences	Land Condition Trend Analysis & Land Rehabilitation &	8/17/98 -	7323
Brozka,Robert J	DOD-ARMY-Corps of Engineers	Maintenance Field Support for Fort Hunter Liggett ...	8/16/99	\$43,601
Shaw,Robert B	Forest Sciences	Integrated Training Area Management Program Support	9/14/98 -	7324
Doe,William W	DOD-ARMY-Corps of Engineers	for the Training Directorate, ODCSOPS Headquarters	1/13/99	\$74,933
Shaw,Robert B	Forest Sciences	Integrated Training Area Management Land Condition	8/17/98 -	7325
Brozka,Robert J	DOD-ARMY-Corps of Engineers	Trend Analysis Support for Aberdeen Proving Ground, Maryland	8/16/99	\$69,239
Shaw,Robert B	Forest Sciences	Integrated Training Area Management (ITAM) Program	9/14/98 -	7326
Brozka,Robert J	DOD-ARMY-Corps of Engineers	Management for Headquarters, U.S. Army Forces Command	9/14/99	\$57,207
Shaw,Robert B	Forest Sciences	Range XXI & Integrated Training Area Management	8/24/98 -	7327
Brozka,Robert J	DOD-ARMY-Corps of Engineers	(ITAM) Program Support for U.S. Army Environmental Center	1/4/99	\$55,352
Shaw,Robert B	Forest Sciences	Headquarters, U.S. Army Training & Doctrine Command	8/24/98 -	7328
Brozka,Robert J	DOD-ARMY-Corps of Engineers	Management Integrated Training Area Management...	8/23/99	\$257,741
Shaw,Robert B	Forest Sciences	Land Condition Trend Analysis & Integrated Training	9/21/98 -	7329
Doe,William W	DOD-ARMY-Corps of Engineers	Area Management Program Technical Support for U.S. Army...	9/20/99	\$132,961
Shaw,Robert B	Forest Sciences	Tracked Vehicle Study Data Analysis for Idaho Army	7/1/98 -	7389
Bagley,Calvin F	DOD-ARMY-Army National Guard	National Guard	4/30/99	\$5,000

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Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Shaw,Robert B	Forest Sciences	Integrated Training Area Management & Technical	7/1/98 -	7390
Bagley,Calvin F	DOD-ARMY-Army National Guard	Support for Idaho Army National Guard	4/30/99	\$30,000
Shaw,Robert B	Forest Sciences	Land Condition Trend Analysis Technical Support to the	7/6/98 -	7393
Doe,William W	DOD-ARMY-Corps of Engineers	U.S. Army Environmental Center	12/30/98	\$20,798
Shaw,Robert B	Forest Sciences	Rocky Mountain Arsenal Technical Support, ON-	8/15/98 -	7394
Brozka,Robert J	DOD-ARMY-Rocky Mountain Arsenal	CAMPUS	8/15/99	\$3,322
Shaw,Robert B	Forest Sciences	Rocky Mountain Arsenal Technical Support, OFF-	8/15/98 -	7395
Brozka,Robert J	DOD-ARMY-Rocky Mountain Arsenal	CAMPUS	8/15/99	\$38,564
Shaw,Robert B	Forest Sciences	Alaska Army National Guard Geographical Information	9/1/98 -	7398
Bagley,Calvin F	DOD - US Department of Defense	Systems (GIS) Support, ON-CAMPUS	9/30/99	\$6,734
Shaw,Robert B	Forest Sciences	Alaska Army National Guard Geographical Information	9/1/98 -	7399
Bagley,Calvin F	DOD - US Department of Defense	Systems (GIS) Support, OFF-CAMPUS	9/30/99	\$63,266
Shaw,Robert B	Forest Sciences	Natural & Cultural Resource Conservation & Resource	7/9/98 -	8880
	USDA-USFS-Rocky Mtn. Rsrch Station - CO	Management	7/8/03	\$1,339,200
Shaw,Robert B	Forest Sciences	Environmental Management Administration	9/14/95 -	8900
	USDA-USFS-Rocky Mtn. Rsrch Station - CO		6/30/00	\$39,839
Shaw,Robert B	Forest Sciences	Threatened & Endangered Species Management at Fort	9/14/95 -	9051
	USDA-USFS-Rocky Mtn. Rsrch Station - CO	McCoy, Wisconsin	6/30/00	\$19,050
Shaw,Robert B	Forest Sciences	Development of a Community-Based Approach to	9/14/95 -	9055
	USDA-USFS-Rocky Mtn. Rsrch Station - CO	Threatened & Endangered Plant Species Management	6/30/00	\$999
Shaw,Robert B	Forest Sciences	Evaluation of Military Training Noise on Red- Cockaded	9/14/95 -	9074
	USDA-USFS-Rocky Mtn. Rsrch Station - CO	Woodpeckers on Fort Stewart, Georgia	6/30/00	\$3,695
Shaw,Robert B	Forest Sciences	Population Trends of Golded-Cheeked Warblers & Black-	9/14/95 -	9075
	USDA-USFS-Rocky Mtn. Rsrch Station - CO	Capped Vireos on Camp Bullis, Texas	6/30/00	\$2,635
Shaw,Robert B	Forest Sciences	Environmental Monitoring of CMTC Live Fire Exercise	9/14/95 -	9091
Brozka,Robert J	USDA-USFS-Rocky Mtn. Rsrch Station - CO	at Grafenwoehr, Germany	6/30/00	\$7,889
Shaw,Robert B	Forest Sciences	Field & Data Support for Vegetation Mapping &	9/14/95 -	9092
	USDA-USFS-Rocky Mtn. Rsrch Station - CO	Conservation Assistance Program Projects	6/30/00	\$21,307
Shaw,Robert B	Forest Sciences	Integrated Training Area Management Program	9/14/95 -	9094
Brozka,Robert J	USDA-USFS-Rocky Mtn. Rsrch Station - CO	Coordinator Headquarters, U.S. Army Pacific	6/30/00	\$72,478

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Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	Army Template Integrated Cultural Resources Management Plan Project	9/14/95 - 6/30/00	9095 \$58,745
Shaw,Robert B Bagley,Calvin F	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	Remote Sensing/Geographical Information Systems Application Development for Support of Carrying Capacity	9/14/95 - 6/30/00	9096 \$77,492
Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	Natural Resources Monitoring Program for Fort Huachuca, Arizona	9/14/95 - 6/30/00	9097 \$23,007
Shaw,Robert B Bagley,Calvin F	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	Red-Cockaded Woodpecker Research at Fort Stewart, Georgia (USA-CERL)	9/14/95 - 6/30/00	9098 \$21,472
Shaw,Robert B Bagley,Calvin F	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	U.S. Army Alaska Integrated Training Area Management Training Requirements Integration (TRI) Implementation ...	9/14/95 - 6/30/00	9099 \$25,954
Shaw,Robert B Bagley,Calvin F	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	Field Validation of Disturbance Distribution for Fort Hood, Texas	9/14/95 - 6/30/00	9100 \$13,356
Shaw,Robert B Bagley,Calvin F	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	Soil & Vegetation Monitoring Under Land Condition Trend Analysis at Fort Leonard Wood, Missouri	9/14/95 - 6/30/00	9101 \$64,792
Shaw,Robert B Brozka,Robert J	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	Geographical Information Systems Technical Support at CMTC Hohenfels, Germany	9/14/95 - 6/30/00	9102 \$65,186
Shaw,Robert B Brozka,Robert J	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	Land Rehabilitation & Maintenance Support at Fort Polk, Louisiana	9/14/95 - 6/30/00	9103 \$38,167
Shaw,Robert B Brozka,Robert J	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	Exotic Plant Species Management at Fort McCoy, Wisconsin	9/14/95 - 6/30/00	9104 \$16,889
Shaw,Robert B Brozka,Robert J	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	Wildlife Management Support at Eglin Air Force Base, Florida	9/14/95 - 6/30/00	9105 \$49,553
Shaw,Robert B Bagley,Calvin F	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	Research to Perform Population Modeling to Evaluate Training Impacts on Endangered Species	9/14/95 - 6/30/00	9106 \$24,887
Shaw,Robert B Bagley,Calvin F	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	Review, Editing & Compilation of 1998 SERDP Final Report	9/14/95 - 6/30/00	9107 \$13,933

*Sum of awards received July - September 1998.

Natural Resources - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Shaw,Robert B	Forest Sciences	Review, Editing & Compilation of USA-CERL Technical	9/14/95 -	9108
Bagley,Calvin F	USDA-USFS-Rocky Mtn. Rsrch Station - CO	Report on Distributed Geomorphological Process Model for...	6/30/00	\$16,346
Shaw,Robert B	Forest Sciences	Compilation of Microphytic Species Documentation	9/14/95 -	9109
Bagley,Calvin F	USDA-USFS-Rocky Mtn. Rsrch Station - CO		6/30/00	\$8,629
Shaw,Robert B	Forest Sciences	Wind Erosion Research (USA-CERL)	9/14/95 -	9110
Bagley,Calvin F	USDA-USFS-Rocky Mtn. Rsrch Station - CO		6/30/00	\$36,078
Haas,Glenn E	Nat Res Recreation & Tourism DOI-Bureau of Reclamation	Recreation Management of Western Water	9/30/97 - 12/31/01	1736 \$5,000
Manfredo,Michael J	Nat Res Recreation & Tourism Colorado Division of Wildlife	Assessing Demand for Elk & Deer Hunting	9/14/98 - 6/30/99	0330 \$80,000
Manfredo,Michael J	Nat Res Recreation & Tourism Colorado Division of Wildlife	Human Dimensions in Natural Resources	7/1/98 - 6/30/99	0371 \$155,544
Manfredo,Michael J	Nat Res Recreation & Tourism USDA-USFS-Rocky Mtn. Rsrch Station - CO	Publication Participation in Allocation Decisions Related to Public Owned Natural Resources	9/5/96 - 9/30/99	8785 \$7,000
Rodriguez,Donald A	Nat Res Recreation & Tourism Estes Valley Recreation & Park District	An Assessment of the Recreational Needs Within the Estes Valley Recreation & Park District	7/1/98 - 3/1/99	5640 \$13,340
Vaske,Jerry J	Nat Res Recreation & Tourism	Social Values, Norms & Sense of Place	8/24/98 -	8717
Donnelly,Maureen P	USDA-USFS-Rocky Mtn. Rsrch Station - CO		5/31/00	\$18,000
Baron,Jill	Natural Resource Ecology Lab	Long-Term Ecological Measurements in Loch Vale	5/1/96 -	1754
Swift,David M	DOI-USGS-Geological Survey	Watershed, Rocky Mountain National Park	3/31/99	\$75,386
Baron,Jill	Natural Resource Ecology Lab	Air Quality Effects	7/6/98 -	2939
Johnson,Brett Michael	DOI-USGS-Geological Survey		5/30/99	\$58,356
Baron,Jill	Natural Resource Ecology Lab EPA-Environmental Educ & Training Prog	Processes Controlling Nitrogen Retention & Export in High Elevation Rocky Mountain Watersheds	8/24/98 - 8/31/99	5865 \$7,676
Binkley,Daniel E	Natural Resource Ecology Lab	Sustainability of Natural Vegetation Communities Grazed	9/1/98 -	1805
Singer,Francis J	DOI-USGS-Geological Survey	by Elk in Rocky Mountain National Park	9/1/99	\$10,010
Elliott,Edward T	Natural Resource Ecology Lab USDA-ARS-Agricultural Research Service	Research in Agricultural Sciences	10/1/97 - 9/30/98	8031 \$497

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Natural Resources - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Ellis,James	Natural Resource Ecology Lab	Integrated Assessment of the Effects of Climate & Land use Change on Ecosystem Dynamics...	10/1/95 -	3398
Coughenour,Michael B	NSF-GEO-Geosciences		9/30/99	\$36,562
Galvin,Kathleen				
Gibson,James H	Natural Resource Ecology Lab	Development & Management of a USDA UVB Monitoring Program	9/15/98 -	1446
Bigelow,David S	USDA-CSRS-SRG-Special Research Grants		9/30/99	\$934,773
Slusser,James R				
Gross,John E	Natural Resource Ecology Lab Colorado Division of Wildlife	Simulating Disease Dynamics & Spatial Processes in Wild Cervid Populations	9/25/98 -	0331
			6/30/99	\$27,000
Gross,John E	Natural Resource Ecology Lab DOI-USGS-Geological Survey	Forecasting Genetic Consequences of Wild Horse Management Options	6/1/98 -	2946
			5/31/99	\$13,000
Hanan,Niall P	Natural Resource Ecology Lab University of Nebraska	Characterization & Improvement of Earth Observing Systems Land Products...	3/1/98 -	2723
			2/28/99	\$17,988
Hobbs,N Thompson	Natural Resource Ecology Lab Colorado Division of Wildlife	Development of Natural Diversity Information System (NDIS)	7/1/98 -	0310
			6/30/99	\$215,000
Hobbs,N Thompson	Natural Resource Ecology Lab Colorado Division of Wildlife	Ecological Modeling in Support of County Decision Making	7/1/98 -	0311
			6/30/99	\$300,013
Ojima,Dennis	Natural Resource Ecology Lab	VEMAP Phase II (Vegetation/Ecosystem Modeling & Analysis Project)	7/1/97 -	1946
Parton,William J	NASA - Natl Aeronautics & Space Admin.		6/30/99	\$100,730
Ojima,Dennis	Natural Resource Ecology Lab	Regional Great Plains Assessment	7/31/98 -	9350
Parton,William J	Univ Chicago/Argonne Univ Assoc-Argn Lab		7/30/99	\$306,781
Parton,William J	Natural Resource Ecology Lab	The Bio-Atmospheric Cycles of Nitrogen & Carbon: Linking Global Air Pollution & Terrestrial ...	8/1/97 -	1932
	NASA - Natl Aeronautics & Space Admin.		7/31/99	\$27,500
Parton,William J	Natural Resource Ecology Lab	Population & Environment in the U.S. Great Plains	8/1/96 -	7503
Galvin,Kathleen	University of Texas at Austin		7/31/00	\$92,404
Paustian,Keith H	Natural Resource Ecology Lab	Quantifying the Change in Greenhouse Gas Emissions Due to Natural Resource Conservation...	9/30/96 -	2090
Elliott,Edward T	USDA-NRCS-Natural Resources Consvtn Srv		9/30/98	\$80,000
Simmons,Carol L	Natural Resource Ecology Lab	Potential Consequences of Climate Change & Variability for the Rocky Mountain & Great Basin Region . . .	8/4/98 -	1723
Stohlgren,Thomas J	DOI-USGS-Geological Survey		1/1/00	\$56,000
Simmons,Carol L	Natural Resource Ecology Lab	Global Change Data Center	7/21/98 -	2942
	DOI-National Biological Survey		11/30/98	\$15,000

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Natural Resources - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Simmons,Carol L	Natural Resource Ecology Lab DOI-National Biological Survey	Global Change Data Center	5/16/95 - 9/30/99	4152 \$27,000
Singer,Francis J Elliott,Edward T	Natural Resource Ecology Lab DOI-National Biological Survey	Large Mammalian Herbivores, Plant Interactions, & Ecosystem Processes in Five National Parks	3/26/95 - 8/31/99	4147 \$30,300
Wall,Diana H	Natural Resource Ecology Lab NSF-Biological Centers	Intergoverntal Personnel Act (IPA) Agreement for Dr. Edward T. Elliott	9/1/98 - 8/31/99	3550 \$107,797
Wall,Diana H Parsons,Andrew N Hunt,H William	Natural Resource Ecology Lab NSF-Biological Centers	Identifying Ecoystem Controls on Biodiversity: a US & UK Project (Collaborative Research)	9/15/98 - 8/31/02	3606 \$309,081
Wall,Diana H Burke,Ingrid C Lauenroth,William K	Natural Resource Ecology Lab New Mexico State University	Development of User-Friendly Graphical Interfaces for Ecological Simulation Models	4/1/98 - 7/31/99	3658 \$62,818
Wall,Diana H	Natural Resource Ecology Lab University of Alabama	McMurdo Dry Valleys: A Cold Desert Ecosystem	6/15/99 - 5/31/99	3660 \$82,550
Burke,Ingrid C Lauenroth,William K	Rangeland Ecosystem Science NSF-Biological Centers	Long Term Ecological Research Program: Shortgrass Steppe	2/1/97 - 1/31/03	3033 \$74,953
Burke,Ingrid C Lauenroth,William K Wasser,Christopher J	Rangeland Ecosystem Science NSF-Biological Centers	Planning Activities: Shortgrass Steppe Ecological Research Field Station	9/1/98 - 8/31/99	3552 \$24,550
Child,Dennis R	Rangeland Ecosystem Science DOI-BLM-Bureau of Land Management	Vegetation Cover Project - Canon City District	7/6/98 - 9/30/98	1777 \$10,000
Child,Dennis R	Rangeland Ecosystem Science USDA-ARS-Agricultural Research Service	Erosional Soil Loss & Its Effects on Rangeland Health & Productivity	6/18/97 - 4/15/02	2102 \$26,000
Child,Dennis R	Rangeland Ecosystem Science USDA-USFS-Rocky Mtn. Rsrch Station - CO	Ecological Plant Classification & Monitoring	9/23/97 - 3/31/00	8730 \$27,300
Leininger,Wayne C	Rangeland Ecosystem Science USDA-USFS-Rocky Mtn. Rsrch Station - UT	Litter Decomposition & Tirogen Mineralization Rates As Affected by Grazing in a Montane Riparian Zone	9/17/98 - 7/31/00	8732 \$10,000
Roath,L Roy	Rangeland Ecosystem Science Colorado Division of Wildlife	Habitat Management Support	7/1/98 - 6/30/99	0235 \$60,356
Woodmansee,Robert G	Rangeland Ecosystem Science USDA-USFS-Rocky Mtn. Rsrch Station - CO	Analysis of Criteria & Indicators for Rangeland Sustainability	8/1/98 - 4/30/99	8723 \$5,000

*Sum of awards received July - September 1998.

Natural Sciences - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Bamburg,James R	Biochemistry & Molecular Bio Spinal Cord Research Foundation	Axonal Cytoskeleton: Role in Nerve Growth & Degeneration	7/1/98 - 6/30/99	5475 \$7,540
Bamburg,James R	Biochemistry & Molecular Bio HHS-PHS-Senior International Fellowships	Actin Reorganization via Ca-Signaling in Growth Cones	7/12/97 - 7/31/99	7926 \$35,550
Curthoys,Norman P	Biochemistry & Molecular Bio HHS-PHS-Kidney Dis., Urology/Hematology	Mechanism of pH-Response in PCK Gene Expression	7/1/91 - 6/30/01	7736 \$177,401
Jaros,Dean	Biochemistry & Molecular Bio National Research Council	Ford Foundation Fellowships for Minorities	9/1/98 - 8/31/03	5609 \$7,500
Lumb,Kevin J	Biochemistry & Molecular Bio HHS-NIH-Biomedical Technology	XL-I Analytical Ultracentrifuge	7/15/98 - 7/14/99	7803 \$234,628
Detling,James K Van Horne,Beatrice	Biology Denver Zoological Foundation	The Effects of Prairie Dog Activities on Short-Horned Grasshoppers	7/1/98 - 6/30/99	5479 \$1,530
Florant,Gregory L	Biology NSF-Biological Centers	Carbohydrate & Lipid Metabolism in Mammals	9/1/96 - 8/31/99	3183 \$70,000
Poff,N. Leroy	Biology NSF - National Science Foundation	Herbivore Interactions in Heterogeneous Environments: Role of Context-Dependency & Functional Redundancy	7/1/98 - 8/31/00	3525 \$100,000
Steingraeber,David A	Biology Colorado Department of Natural Resources	Evaluation of the National Hydrogeomorphic Slope Wetland Guidebook Applied to the...	5/26/98 - 8/30/99	0258 \$10,000
Wunder,Bruce A	Biology Colorado Division of Wildlife	Rearing & Analysis of Reintroduction Methods for Boreal Toads	7/1/98 - 6/30/99	0288 \$24,713
Stein,Fredrick M Hartley,Nancy K	Center For Sci, Math & Tech Ed University of Northern Colorado	Rocky Mountain Teacher Education Collaborative	6/15/94 - 5/31/99	3446 \$229,163
Stein,Fredrick M	Center For Sci, Math & Tech Ed PETE-Partnership for Environmental Techn	Pollution Prevention in General Chemistry	10/1/96 - 9/30/98	5900 \$3,000
Thompson,Stephen	Center For Sci, Math & Tech Ed DE-FIPSE-Fund Imp. of Post. Sec. Educ.	The Solutions Project: Reducing the Cost of Chemistry Laboratory Instruction	9/1/98 - 8/31/00	4210 \$213,595
Anderson,Oren P Dorhout,Peter K	Chemistry NSF-MPS-Mathematical & Physical Sciences	Purchase of a Powder-Thin Film X-Ray Diffraction System	7/1/98 - 6/30/99	3551 \$210,207
Barisas,B George	Chemistry NSF-MPS-Mathematical & Physical Sciences	Optical Investigations of the Mast Cell Function- Associated Antigen (MAFA) Regulatory Protein	9/1/98 - 8/31/02	3556 \$100,000

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Natural Sciences - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Bernstein, Elliot R	Chemistry DOD-ARMY-ARO-Army Research Office	Initial Steps in the Decomposition of Energetic Materials: Pathways Involving Their Excited Electronic States & ...	9/28/98 -	2381
			9/27/01	\$65,000
Dorhout, Peter K	Chemistry	Acquisition of Materials Characterization Instrumentation for a Central Materials Analysis Facility	9/1/98 -	3304
Grainger, David W	NSF-MPS-Mathematical & Physical Sciences		8/31/99	\$296,002
Dorhout, Peter K	Chemistry DOE-Office of Energy Research	A Study of New Actinide Zintl Ion Materials	9/1/97 -	3820
			8/31/00	\$87,600
Fisher, Ellen R	Chemistry NSF-EHR-Education & Human Resources	Resonantly Enhanced Multiphoton Ionization for Measurement of Radical-Surface Reactivities	8/1/98 -	3549
			7/31/99	\$75,000
Greenberg, Marc M	Chemistry CATI-Colo. Advanced Technology Institute	New Methods & Applications for Bioconjugation	7/1/98 -	0327
			6/30/99	\$20,000
Greenberg, Marc M	Chemistry HHS-NIH-NCI-National Cancer Institute	Effects of Formamidopyrimidine Lesions on Nucleic Acid Structure & Function	9/10/97 -	4466
			7/31/01	\$139,634
Hegedus, Louis S	Chemistry	Synthesis of Bioactive Cyclams, Biscyclam & Complexes	8/1/97 -	4448
Greenberg, Marc M	HHS-PHS-Pharmacology & Biorelated Chem		7/31/00	\$143,293
Kelley, David F	Chemistry Sandia Corporation/Sandia National Lab.	Treatment of Organic Chemistry in Water	6/26/97 -	9326
			6/25/99	\$39,000
Levinger, Nancy E	Chemistry NSF-MPS-Mathematical & Physical Sciences	Dynamics of Polar Solvation & Chemical Reactions at the Interface Between Immiscible...	8/1/94 -	3387
			7/31/99	\$62,500
Maciel, Gary E	Chemistry South Dakota State University	Solid-state Nuclear Magnetic Resonance Measurements	5/20/98 -	2629
			5/19/99	\$66,153
Maciel, Gary E	Chemistry Eastman Chemical Co.	Nuclear Magnetic Resonance (NMR) Studies of the Methylaluminumoxane (MAO)/Silica System	9/1/98 -	6018
			8/31/99	\$27,000
Martin, Charles R	Chemistry NSF - Engineering Grant	Nanotubule-Based Molecular-Recognition Membranes	9/1/98 -	3543
			8/31/01	\$80,483
Parkinson, Bruce Alan	Chemistry CAMI-Advanced Materials Institute/Colo.	Morphology-Photoconductivity Relationships in Pthalocyanine Thin Films	7/1/98 -	0284
			6/30/99	\$10,000
Parkinson, Bruce Alan	Chemistry Midwest Research Institute - NREL	Synthesis & Tunneling Spectroscopy of Inorganic Fullerene Materials	9/23/98 -	3902
			5/31/99	\$46,736
Rappe, Anthony K	Chemistry Edison Polymer Innovation Corporation	Molecular Modeling of Potential Polyvinylchloride Catalysts	9/1/98 -	5610
			8/31/01	\$75,941

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Natural Sciences - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Shi, Yian	Chemistry Arnold & Mabel Beckman Foundation	Developing New Methods for Asymmetric Epoxidation of Unfunctionalized Olefins	7/1/97 - 6/30/99	5446 \$100,000
France, Robert	Computer Science NSF-CISE-Computer & Info Sci & Engin	A Formal Basis For Object Oriented Modeling Techniques	9/1/98 - 8/31/01	3321 \$175,238
Vonmayrhauser, Anneliese	Computer Science CATI-Colo. Advanced Technology Institute	Fiscal Year 99 Program Plan	7/1/98 - 6/30/99	0278 \$335,000
Whitley, L Darrell	Computer Science National Physical Science Consortium	Fellowship--Soroya Rana	8/1/93 - 5/31/99	5271 \$3,750
Georg, Kurt Allgower, Eugene L	Mathematics NSF-MPS-Mathematical & Physical Sciences	Numerical Continuation for Nonlinear Problems with Symmetry Structures	8/1/98 - 7/31/01	3545 \$130,000
Kabos, Pavel Sites, James R	Physics DOC-NIST-Nat. Inst. Standards & Tech..	Physical Models for the Precessional Damping in Magnetic Films	8/1/98 - 7/3/99	1199 \$55,408
Lee, Siu Au	Physics NSF-MPS-Mathematical & Physical Sciences	Light Force Manipulation of Group III Atoms	9/1/98 - 8/31/00	3546 \$128,676
Lundeen, Stephen R	Physics NSF-MPS-Mathematical & Physical Sciences	Microwave/Optical Spectroscopy of Helium & H2 Rydberg States	8/1/98 - 7/31/99	3542 \$100,000
Lundeen, Stephen R	Physics DOE-Basic Energy Sci / Univ & Sci Educ	Ion/Excited-Atom Collision Studies with a Rydberg Target & a CO2 Laser	9/1/96 - 8/31/99	3812 \$57,844
Lundeen, Stephen R	Physics DOE-Basic Energy Sci / Univ & Sci Educ	Ion/Excited-Atom Collision Studies with a Rydberg Target & a CO2 Laser - OFF CAMPUS	9/1/96 - 8/31/99	3814 \$50,156
Patton, Carl E	Physics NSF-MPS-Mathematical & Physical Sciences	The Fundamental Physics of Envelope Solitons- Microwave Solitons in Magnetic Films	8/15/98 - 8/14/01	3547 \$95,000
Patton, Carl E	Physics DOD-ARMY-ARO-Army Research Office	Microwave Magnetic Solitons in Ferrite Films - Physics & Devices for Radar, Electronic Countermeasures & Surveillance	7/1/98 - 10/31/98	7388 \$50,000
Sites, James R	Physics Midwest Research Institute - NREL	Device Physics of Thin-Film Polycrystalline Solar Cells	1/20/98 - 1/19/01	9343 \$39,068
Toki, Walter Malchow, Russell	Physics DOE - US Department of Energy	Research in Collider Physics	4/15/93 - 4/14/99	3874 \$50,000

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Natural Sciences - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Wilson,Robert	Physics	Research in Collider Physics	1/1/95 -	3819
Toki,Walter	DOE - US Department of Energy		4/14/99	\$23,000
Wilson,Robert	Physics	Research in Collider Physics	4/15/93 -	3859
Toki,Walter	DOE - US Department of Energy		4/14/99	\$58,000
Chavez,Ernest L	Psychology	Mexican-American Dropouts & Drug Use	7/15/98 -	4481
Deffenbacher,Jerry L	HHS-PHS-Drug Abuse Research Programs		6/30/99	\$428,106
Deffenbacher,Jerry L	Psychology	The Reduction of Driving Anger	9/1/95 -	7808
	HHS-CDC-Environ. Hlth & Injury Control		8/31/01	\$32,722
Edwards,Ruth W	Psychology	Adolescent Drug Use in Rural America	8/1/96 -	4423
	HHS-PHS-Drug Abuse Research Programs		7/31/01	\$397,497
Edwards,Ruth W	Psychology	Adolescent Drug Use in Rural America: Research Supplement for Underrepresented Minorities...	8/1/96 -	4458
	HHS-PHS-Drug Abuse Research Programs		7/31/01	\$60,014
Edwards,Ruth W	Psychology	Adolescent Drug Use in Rural America	8/1/96 -	4475
	HHS-NIH-National Institutes of Health		7/31/01	\$100,046
Edwards,Ruth W	Psychology	Adolescent Drug Use in Rural America	8/1/96 -	4477
	HHS-PHS-Drug Abuse Research Programs		7/31/01	\$134,412
Edwards,Ruth W	Psychology	Supplement to Adolescent Drug Use in Rural America	8/1/96 -	4479
	HHS-PHS-Drug Abuse Research Programs		7/31/01	\$10,138
Hamilton,Scott B	Psychology	Counseling Psychology Program & the Tri-Ethnic Center for Prevention Research: Program of Excellence	7/1/98 -	0130
Chavez,Ernest L	CCHE-Commission on Higher Education		6/30/99	\$140,000
James,Keith	Psychology	Values & Science Among American Indians	9/15/98 -	3344
	NSF-SBE-Social, Behav & Econ Sciences		8/31/01	\$115,837
Rosen,Lee A	Psychology	School Consultation / Special Education	9/1/91 -	5625
	Poudre School District R-1		6/4/99	\$45,531
Volbrecht,Vicki J	Psychology	Color Vision in the Peripheral Retina	2/1/97 -	3152
Nerger,Janice L	NSF-Biological Centers		1/31/00	\$2,839
Givens,Geof H	Statistics	Equipment Purchase Contribution for Aboriginal Whaling Management Procedure Simulation	9/15/98 -	1282
	DOC-NOAA-Natl Oceanic & Atmospheric Admn		6/15/99	\$6,000
Hoeting,Jennifer A	Statistics	Statistical Modeling for Farming Operations	7/1/97 -	2116
Davis,Richard A	USDA-ARS-Agricultural Research Service		8/30/01	\$25,000

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Vet. Medicine & Biomedical Sciences - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Beam,Kurt G	Anatomy & Neurobiology Harvard University	Signalling Between Calcium Channels	8/1/98 - 7/31/99	4319 \$195,389
Beam,Kurt G Kovarik,Mary Cathleen	Anatomy & Neurobiology HHS-PHS-Aging Research	Functional Analysis of NMDA Receptors in the Aging Brain	7/1/98 - 6/30/01	4918 \$5,520
Handa,Robert J	Anatomy & Neurobiology HHS-ADAMHA-Alcohol, Drug (Use HE013X)	Testosterone & Ethanol Withdrawal Neurotoxicity	10/1/98 - 9/30/99	4900 \$14,748
Kinnamon,Sue C	Anatomy & Neurobiology HHS-NIH-NIDCD-Deafness & Other Comm. Dis	Electrophysiology of Taste Transduction	4/1/90 - 6/30/99	4405 \$100,000
Nagahara,Alan H	Anatomy & Neurobiology HHS-Alcohol Research Career Development	Fetal Alcohol Exposure & Prefrontal Cortical Function	9/1/98 - 8/31/99	4419 \$97,474
Pickard,Gary E Dudek,F Edward	Anatomy & Neurobiology HHS-NIH-National Institutes of Health	5HT Presynaptic Inhibition of Retinal Input to the Hypothalamic Suprachiasmatic Nucleus	8/21/97 - 6/30/00	4452 \$265,267
Cuddon,Paul A	Clinical Sciences Morris Animal Foundation	Electrophysiologic, Morphologic & Biochemical Evaluation of Diabetic Neuropathy in Cats	9/1/98 - 8/31/00	5478 \$15,450
Dernell,William S	Clinical Sciences AlloSource	Quantification of Bone Induction by Calcium Sulfate & Demineralized Bone Matrix	8/1/98 - 11/1/98	5512 \$14,436
Garry,Franklyn B	Clinical Sciences USDA-APHIS-Animal Damage Control	National Animal Health Monitoring System: Cattle Health & Management	9/30/98 - 9/30/99	2013 \$16,000
Mcilwraith,C Wayne Kawcak,Christopher E Norrdin,Robert W	Clinical Sciences AQHA-American Quarter Horse Assoc.	Evaluation of Strenuous Treadmill Exercise on Navicular Bones ...	8/1/98 - 9/30/99	5675 \$14,343
Mcilwraith,C Wayne Frisbie,David D	Clinical Sciences Neocyte Joint Venture	A Pilot Project Assessing the Feasibility of Equine Chondrocyte Transplantation Using 3-D Cartilage Scaffolds	8/31/98 - 10/31/98	6031 \$17,536
Monnet,Eric	Clinical Sciences Cohesion Corporation	Evaluation of a Cohesion Polymer After Left Atriotomy in an Ovine Model	10/1/97 - 10/31/98	6272 \$1,514
Traub-Dargatz,Josie L	Clinical Sciences USDA-APHIS-Ag & Plant Health Insp Srvc	Options for Monitoring of Equine Diseases in the United States	10/1/97 - 9/30/98	2064 \$10,000
Turner,Anthony Simon	Clinical Sciences Sulzer Innotec, Winterthur, Switzerland	Comparison of PhotoFix vs. Homologous Plugs in Cartilage Grafting: A Pilot Study in Sheep	7/6/98 - 12/6/98	6312 \$13,288

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Vet. Medicine & Biomedical Sciences - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Twedt,David C	Clinical Sciences American Kennel Club	Investigation of Oxidant Stress & Antioxidant Levels in Livers of Dogs Having Congenital Portal Systemic...	8/12/98 -	5477
			8/12/99	\$14,544
Tucker,Alan	Dean Of Vet Medicine HHS-PHS-Health Careers Opportunity Prgm	Health Careers Opportunity Program (VETPREP)	9/1/96 -	7924
			8/31/99	\$122,969
Voss,James L	Dean Of Vet Medicine	Professional Veterinary Medicine--Program of Excellence	7/1/97 -	0129
Jones,Robert L	CCHE-Commission on Higher Education		6/30/02	\$189,000
Bigelow,Philip L	Environmental Health EPA-Surveys, Studies, Investigations	Assessing the Effectiveness of Pesticide Safety Training for Migrant Farm Workers in Colorado	9/4/98 -	5836
			9/30/00	\$39,653
Buchan,Roy M	Environmental Health HHS-CDC-Occup Safety & Health (NIOSH)	High Plains Intermountain Center for Agricultural Health and Safety	9/30/98 -	7605
			9/29/01	\$717,000
Buchan,Roy M	Environmental Health HHS-Occup Health/Safety Training Grants	Industrial Hygiene Training Program	7/1/94 -	7931
			6/30/02	\$68,786
Darragh,Amy Jane Rountree	Environmental Health HHS-CDC-Occup Safety & Health (NIOSH)	Risks, Preventive Strategies, & Hazards Experienced by Construction Workers	9/1/98 -	7604
			5/1/99	\$14,733
Gustafson,Daniel L	Environmental Health	Predictive Models for Combination Cancer Chemotherapy	7/1/98 -	7801
Yang,Raymond S H	HHS-PHS-Cancer Research Manpower		6/30/03	\$78,945
Keefe,Thomas J	Environmental Health HHS-NIH-NCI-National Cancer Institute	Historical Prospective Study: Breast Cancer & Organochlorine Pesticides...	8/19/97 -	7625
			7/31/99	\$35,513
Ramsdell,Howard S	Environmental Health	Melatonin as a Biomarker of Oxidative Stress in Humans	7/1/98 -	7789
Reif,John S	HHS-NIH-NCI-National Cancer Institute		6/30/99	\$72,458
Reif,John S	Environmental Health National Bison Association	Malignant Catarrhal Fever: An Important Threat to the Bison Community	10/1/97 -	5365
			3/1/99	\$1,500
Salman,M D	Environmental Health USDA-APHIS-Animal Damage Control	National Animal Health Reporting Systems	9/30/98 -	2014
			9/30/99	\$10,998
Salman,M D	Environmental Health Natl Council Pet Population Study/Policy	Factors Associated with Relinquishment of Dogs & Cats	1/1/95 -	5032
			12/31/98	\$25,000
Stallones,Lorann	Environmental Health HHS-CDC-Environ. Hlth & Injury Control	Colorado Injury Control Research Center (CICRC)	9/1/95 -	7804
			8/31/01	\$307,388
Stallones,Lorann	Environmental Health HHS-CDC-Environ. Hlth & Injury Control	The Culture of Rural Health Care -(Project 2)	9/1/95 -	7807
			8/31/01	\$39,747

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Vet. Medicine & Biomedical Sciences - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Yang, Raymond S H	Environmental Health HHS-NIH-Toxicological Research	Developing a Predictive Strategy for Chemical Mixtures	8/15/98 - 7/31/99	7601 \$272,385
Yang, Raymond S H	Environmental Health HHS-PHS-Toxic Substances & Dis. Registry	Integration of Mechanistic Carcinogenicity Studies with PBPK/PD Modeling ...	9/30/94 - 9/29/02	7621 \$141,538
Beaty, Barry J	Microbiology University of Wisconsin	Virus Expression Systems in Mosquito Biology	6/1/98 - 5/31/99	4362 \$191,494
Beaty, Barry J	Microbiology HHS-CDC-Centers for Disease Control	Longitudinal Studies of Rodent Reservoirs of Hantaviruses in the Southwestern United States	9/30/96 - 9/29/01	4461 \$133,000
Beaty, Barry J	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	Molecular Determinants of Dengue Epidemic Potential in North America	9/30/97 - 8/31/00	4464 \$278,725
Belisle, John T	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	Cell Wall of M. Tuberculosis; Focus for Drug Discovery	8/1/95 - 7/31/99	4483 \$112,843
Brennan, Patrick Joseph	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	Cell Wall of M. Tuberculosis; Focus for Drug Discovery	8/1/95 - 7/31/99	4454 \$9,395
Brennan, Patrick Joseph	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	Cell Wall of M. Tuberculosis; Focus for Drug Discovery	8/1/95 - 7/31/99	4482 \$526,333
Chatterjee, Delphi	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	Structure of LAM in Relation to Biology & Biosynthesis	6/1/96 - 5/31/99	4421 \$171,812
Chatterjee, Delphi	Microbiology HHS-DRR-Fogarty International Center	Analysis of M. Avium Wall Structures from AIDS Patients	9/30/97 - 7/31/00	4468 \$25,200
Cooper, Andrea M	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	Immunopathogenesis of Mycobacterium Avium Disease	9/1/97 - 8/31/02	4459 \$237,584
Coulter, Gary R	Microbiology NASA-ARC-Ames Research Center	Researching New Relationships Between Government, Industry & the Education Community	7/1/95 - 10/31/98	1928 \$101,292
Inamine, Julia M	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	Cell Wall of M. Tuberculosis; Focus for Drug Discovery	8/1/95 - 7/31/99	4484 \$147,132
Mcneil, Michael R	Microbiology	New Drugs for Mycobacterial Infections in AIDS Patients	7/1/96 -	4301
Besra, Gurdial Singh	Southern Research Institute		6/30/99	\$39,651
Mcneil, Michael R	Microbiology National Jewish Center	Exploitation of Novel Pathways for New TB Therapeutics	6/1/98 - 5/31/99	4360 \$120,511

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Vet. Medicine & Biomedical Sciences - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Mcneil,Michael R	Microbiology	X-Ray Structure of UDP-Galactopyranose Mutase	9/1/98 -	4422
	HHS-DRR-Fogarty International Center		8/31/01	\$25,200
Mcneil,Michael R	Microbiology	Cell Wall Biogenesis--Target for New Anti-TB Drugs	9/30/92 -	4603
	HHS-PHS-AID-Microbio & Infectious Dis Re		8/31/02	\$291,753
Orme,Ian M	Microbiology	M. Tuberculosis Infection in the Lung; Subcontract	9/1/95 -	4309
	Case Western Reserve University		8/31/00	\$101,967
Orme,Ian M	Microbiology	Animal Model Testing of TB Drugs	7/1/94 -	4856
	HHS-PHS-AID-Microbio & Infectious Dis Re		6/30/99	\$376,935
Schweizer,Herbert P	Microbiology	Pseudomonas Autoinducer Biosynthesis & Drug Discovery	8/1/98 -	4363
	HHS-PHS-Biophysics & Physiological Sci.		7/31/02	\$206,087
Schweizer,Herbert P	Microbiology	Pseudomonas Autoinducer Biosynthesis & Drug Discovery	8/1/98 -	4485
	HHS-PHS-Biophysics & Physiological Sci.		7/31/02	\$206,087
Akkina,Ramesh K	Pathology	Stem Cell Gene Therapy: Improved Retroviral Vectors for Gene Delivery & Development of the ...	7/1/98 -	0237
	CATI-Colo. Advanced Technology Institute		6/30/99	\$15,000
Avery,Anne C	Pathology	T Cell Mediated Pathologic Responses to Murine Malaria	8/1/96 -	4424
Wassom,Donald L	HHS-PHS-AID-Microbio & Infectious Dis Re		7/31/99	\$74,958
Titus,Richard G				
Demartini,James C	Pathology	Macrophage Effects in Lentivirus Lymphoid Pneumonia	8/1/98 -	4480
Keane,Kevin A	HHS-PHS-Lung Disease Research		7/31/01	\$66,933
Frank,Anthony A	Pathology	Dedicated Prion Research Lab - Supplies	9/1/98 -	5481
	Floyd Cross Foundation		8/31/99	\$6,000
Hoover,Edward A	Pathology	Impact of Anti-Viral Therapies on FIV Infection	9/1/87 -	4361
	University of Washington		5/31/99	\$107,278
Obert,Leslie A	Pathology	Perinatal Mucosal FIV Infection & Intervention	9/1/96 -	4426
Hoover,Edward A	HHS-PHS-AID-Microbio & Infectious Dis Re		8/31/99	\$76,916
Thrall,Mary Anna	Pathology	Characterization of Feline Model of Niemann-Pick Type C	9/30/91 -	4413
	HHS-PHS-Comparative Medicine Program		9/29/99	\$144,818
Bowen,Richard A	Physiology	Genetic Immunization for Control of Vesicular Stomatitis in Cattle & Horses	9/15/98 -	1449
	USDA-CSRS-CGP-Competitive Grants Program		9/30/00	\$140,000

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Vet. Medicine & Biomedical Sciences - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Clay,Colin	Physiology	Mechanisms of GnRH Receptor Gene Expression	9/1/96 -	7922
Duval,Dawn L	HHS-NRSA-Nat. Research Service Award		8/31/99	\$31,492
Graham,James K	Physiology	Methods to Enhance Viability of Cooled Stallion Sperm	10/1/98 -	5659
Squires,Edward L	AQHA-American Quarter Horse Assoc.		9/30/99	\$33,005
Bruemmer,Jason				
Ishii,Douglas N	Physiology HHS-CDC-Environ. Hlth & Injury Control	Recover from Ischemic Brain Injury (Project 4)	9/1/95 - 8/31/01	7809 \$50,870
Nett,Torrance M	Physiology Gonex, Inc	GnRH-RIPs in Rams	10/1/98 - 10/31/99	6019 \$41,920
Niswender,Gordon D	Physiology USDA-CSRS-CGP-Competitive Grants Program	Fifth International Symposium on Reproductive in Domestic Ruminants	7/15/98 - 7/31/99	1360 \$9,000
Niswender,Gordon D	Physiology USDA-CSRS-CGP-Competitive Grants Program	Molecular Control of Luteal Secretion of Progesterone in Ruminants	9/15/98 - 9/30/00	1447 \$175,000
Phillips,Robert W	Physiology	A Critical Analysis of Education & Science	7/1/95 -	1929
Coulter,Gary R	NASA-ARC-Ames Research Center	Communication Programs in the Space Life Sciences...	10/31/98	\$13,101
Billings,Linda M				
Seidel,George E.Jr	Physiology Biopore, Inc.	Potential Improvement of Fertility in Cattle	6/23/97 - 6/30/99	6259 \$15,851
Seidel,George E.Jr	Physiology XY, Inc.	Sexing Mammalian Sperm by Flow Cytometry	7/1/97 - 6/30/99	6279 \$32,062
Tamkun,Michael	Physiology Commission for Cult., Educ. & Scientific	Molecular Determinants of External Block & Channel Gating Induced by Local Anesthetics...	6/1/98 - 5/31/99	5711 \$15,000
Bedford,Joel S	Radiological Health Sciences HHS-NIH-NCI-National Cancer Institute	HZE Radiation Induced Chromosomal Instability	9/30/97 - 9/30/01	7772 \$178,162
Bedford,Joel S	Radiological Health Sciences HHS-Cancer Detection-Diagnosis Research	Detection of Cryptic Chromosome Inversions	9/30/97 - 9/29/00	7773 \$143,029
Bedford,Joel S	Radiological Health Sciences HHS-PHS-Cancer Research Manpower	Radiological Sciences Basic to Cancer Research	9/1/76 - 8/31/02	7901 \$219,084
Ibrahim,Shawki A	Radiological Health Sciences Oak Ridge Associated Universities	Assessment of Plutonium Burdens in People Living Around the Rocky Flats Plant	9/1/98 - 9/30/99	9352 \$49,632

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Vet. Medicine & Biomedical Sciences - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Larue,Susan M	Radiological Health Sciences Morris Animal Foundation	Molecular Cytogenetics of Canine Cancer	9/1/98 - 8/31/01	5482 \$29,228
Waldren,Charles A	Radiological Health Sciences Nabisco Company	Mutagenicity in the AC/PECH Cell System of Food Mutagens	1/1/90 - 6/30/99	6569 \$10,000
Whicker,F Ward	Radiological Health Sciences University of Georgia	Efficiency of a Biotic System for Remediating Radionuclide Contamination	7/1/97 - 6/30/99	9337 \$56,151

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Other - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Burns,Patrick J	Acad Computing & Network Serv NSF - National Science Foundation	High Performance Connection for Colorado State University	7/1/98 - 6/30/00	3541 \$223,412
Aragon,Geraldine Josephine	Academic Advancement Center DE-Student Support Services	Student Support Services	9/1/97 - 8/31/02	4265 \$232,578
Heil,Robert D	Agric Experiment Station Western Association of Ag Exp Stn Direct	Western Executive Director	7/1/93 - 12/31/03	5500 \$332,694
Mcnerney,Ralph B	Career Center DOI-Bureau of Reclamation	Southwestern Willow Flycatcher Survey	4/1/97 - 9/30/98	1873 \$95,000
Ward,Robert C Garcia,Luis	Colo Water Resources Res Inst Various "Non-Profit" Sponsors	Developing a Decision Support System for the South Platte Basin	3/1/97 - 6/30/99	5153 \$3,000
Ward,Robert C Loftis,Jim C	Colo Water Resources Res Inst N. Front Range Water Qlty Planning Assoc	Design of a Water Quality Monitoring Network - Big Thompson Watershed	6/1/98 - 12/31/99	5529 \$10,000
Bahm,Michael G	Colorado State Forest Service Colorado Division of Wildlife	Project Wild Administrative Assistance	7/1/97 - 6/30/02	0289 \$17,478
Schomaker,Michael E	Colorado State Forest Service USDA-USFS-Rocky Mtn. Rsrch Station - UT	Forest Health Monitoring	9/17/98 - 6/30/99	8718 \$146,660
Luevane,Carmen Mendoza	Cooperative Extension Colorado Department of Human Service	Colorado Students Taking A New Direction (STAND)	7/1/98 - 6/30/99	0298 \$28,122
Mccarty,Patrick W	Cooperative Extension Utah State University	In Depth Training & Work Experience on a Community Supported Agriculture (C.S.A.) Farm	7/1/97 - 12/31/99	1332 \$4,400
Miller-Heyl,Janet L	Cooperative Extension HHS-PHS-Prev of Alco & Drug Abuse/Youth	Primary Prevention for 2- to 5-Year-Old Youth & Their High-Risk Parents & Caregivers...	9/30/97 - 6/30/99	4462 \$40,688
Miller-Heyl,Janet L Macphee,David L	Cooperative Extension HHS-SAMHSA-Consolidated Knowledge Dev	Multi-Site Comprehensive Intervention for Teen Parents	9/30/98 - 9/29/01	4486 \$513,002
Fritz,Janet J				
Rewerts,Milan A	Cooperative Extension University of Alaska at Fairbanks	School Age & Teen Project	9/10/97 - 9/30/99	2202 \$105,935
Steele,Douglas L Whaley,Christine B	Cooperative Extension Colorado Department of Human Service	Partners in Parenting	7/1/98 - 6/30/99	0280 \$91,142

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Other - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Steele,Douglas L	Cooperative Extension	4-H Developmental Assets Infusion Project	9/1/98 -	5635
Poncelow,Stacy Diane	Search Institute		8/31/00	\$40,000
Valliant,James C	Cooperative Extension	Canal Seepage Reduction Demonstration	9/16/97 -	4140
	DOI-Bureau of Reclamation		9/30/00	\$12,500
Zuschlag,Nancy L	Cooperative Extension	Rivers/Trails/Conservation Act (RCTA) Technical Assistance (DURP)	6/1/98 -	2948
	DOI-NPS-National Park Service		8/1/98	\$10,000
Child,Dennis R	Graduate School	Graduate Research Fellowship Program	9/1/97 -	3602
	NSF-EHR-Education & Human Resources		8/31/01	\$18,300
Jaros,Dean	Graduate School	Graduate Research Fellowship Program	9/1/97 -	3605
	NSF-EHR-Education & Human Resources		8/31/01	\$25,500
Poff,N. Leroy	Graduate School	Graduate Research Fellowship for Debra Finn	6/1/98 -	3603
	NSF-EHR-Education & Human Resources		8/31/01	\$1,000
Rutledge,Steven A	Graduate School	Graduate Research Fellowship Program David Ahijevych	9/1/98 -	3604
	NSF - National Science Foundation		8/31/01	\$25,500
Wilcox,Anne M	Graduate School	Ronald E. McNair Postbaccalaureate Achievement Program	10/1/95 -	4207
	DE-Ronald E McNair Post-Baccal Achieve		9/30/99	\$202,087
Denney,Martha Annette	International Education	Peace Corps Strategy Contract with CSU, 1998-99	10/1/97 -	1023
	Action/Peace Corps		9/30/98	\$13,700
Cook,Alicia Skinner	International Programs	Training in Environmental Strategies for Viera Rovnakova from Slovakia	9/12/98 -	5710
	DOS-AID-Agency for Inter. Development		9/26/98	\$1,800
Denney,Martha Annette	International Programs	ARAMCO Baseline Study	9/26/98 -	5620
	NAFSA: Assoc. of International Educators		5/15/99	\$10,500
Immasche,Sonia M	Student Center	Community Homecoming Parade	3/20/98 -	5633
	City of Fort Collins - Fort Fund		12/31/98	\$1,300
Thayer,Paul	Talent Search Program	University Talent Search	9/1/98 -	4266
	DE-Department of Education Talent Search		8/31/02	\$288,261
Hopkins,Donn	University Police	Marijuana Eradication Grant	8/1/98 -	5614
	Colorado Association of Chiefs of Police		7/31/99	\$1,000
Carrothers,Ruth A	Women's Programs & Studies	Sexual Assault Prevention Through Peer Education: A Secondary & Post Secondary Model	7/1/98 -	0329
	Div. of Criminal Justice/CO Dept Pub Saf		6/30/99	\$14,000

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Other - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Carrothers,Ruth A	Women's Programs & Studies	Sexual Assault Prevention Through Peer Education:	1/1/97 -	5145
	CCASA-CO Coalition Against Sexual Asslt	Secondary & Post Secondary Model	9/30/98	\$8,020

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