

Office of Vice President for Research
and
Information Technology

Research Proposals Submitted

and

Research Awards Received

October - December 1998

Research Proposals Submitted *and* Research Awards Received

October through December 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

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

Forward (Continued)

Multi-million Dollar Proposals*

<u>Fiscal Year/College</u>	<u>Department</u>	<u>Sponsor</u>	<u>Start and End Dates</u>	<u>Total \$</u>
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
Natural Sciences	Psychology	NSF - National Science Foundation	8/1/99 - 8/31/04	\$7,033,720
Other	Center Educ Access & Outreach	DE-Dept of Educa - Upward Bound Program	6/1/99 - 5/31/04	\$2,268,685
Other	Library	NSF - National Science Foundation	1/1/99 - 2/31/02	\$2,849,860
Vet. Medicine & Biomedical Sciences	Microbiology	HHS-NIH-National Institutes of Health	8/17/99 - 8/16/06	\$3,744,606

*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.

Contents

Section I Historical Summaries

Proposals by Fund Source	Historical Summaries - 2
Proposals by College.....	Historical Summaries - 6
Awards by Fund Source	Historical Summaries - 14
Awards by College.....	Historical Summaries - 18

Section II

Detailed List of Proposals Submitted.....	Proposals Submitted - 1
---	-------------------------

Section III

Detailed List of Awards Received	Awards Received - 1
--	---------------------

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

Please forward any comments, address changes or corrections to:

Colorado State University
Sponsored Programs
Attention: Diane Rees
408 University Service Center
Fort Collins, Colorado 80523-2002

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

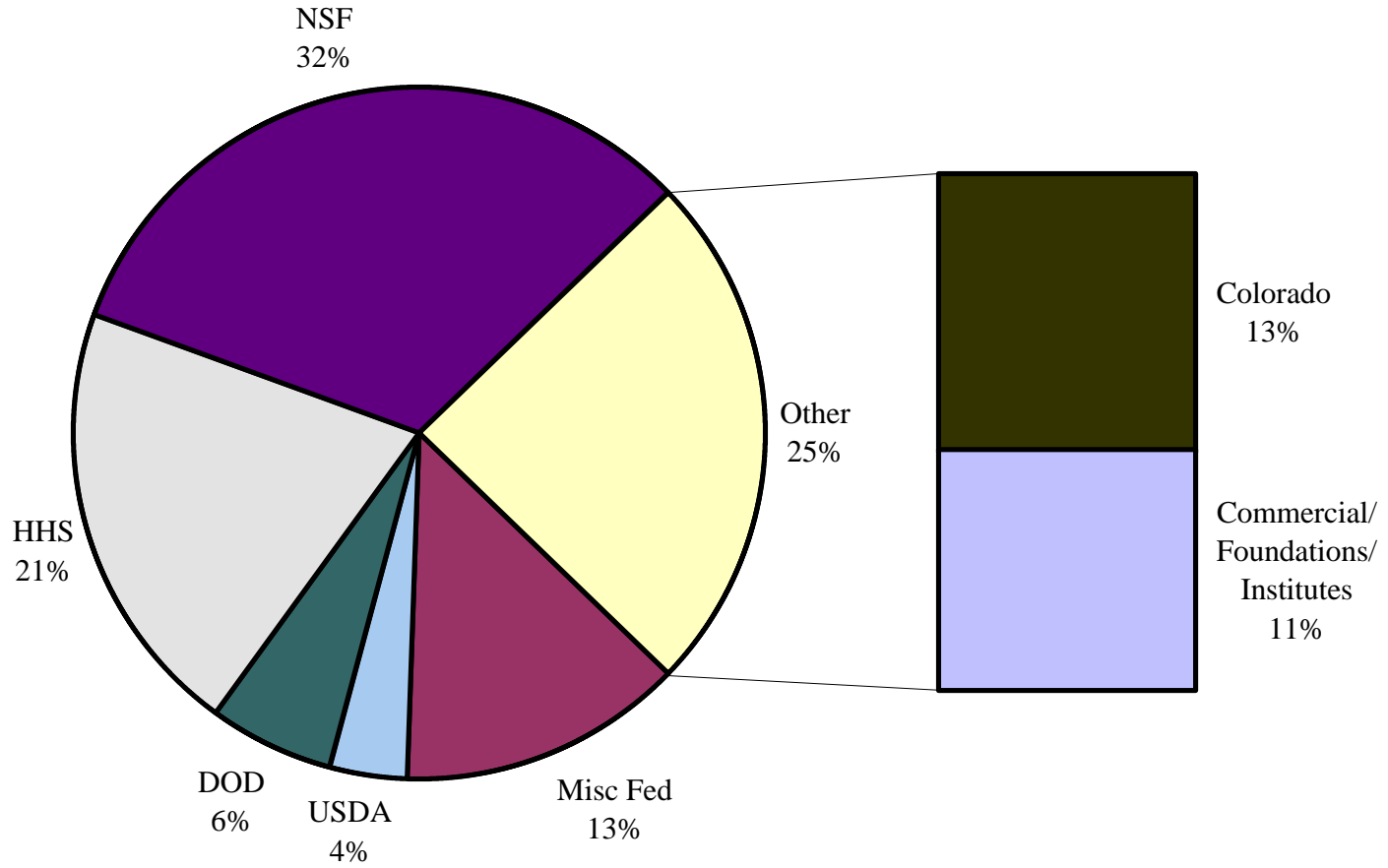
Section I

Historical Summaries

Proposal Summaries

Proposals by Fund Source

October - December 1998



Proposals by Fund Source

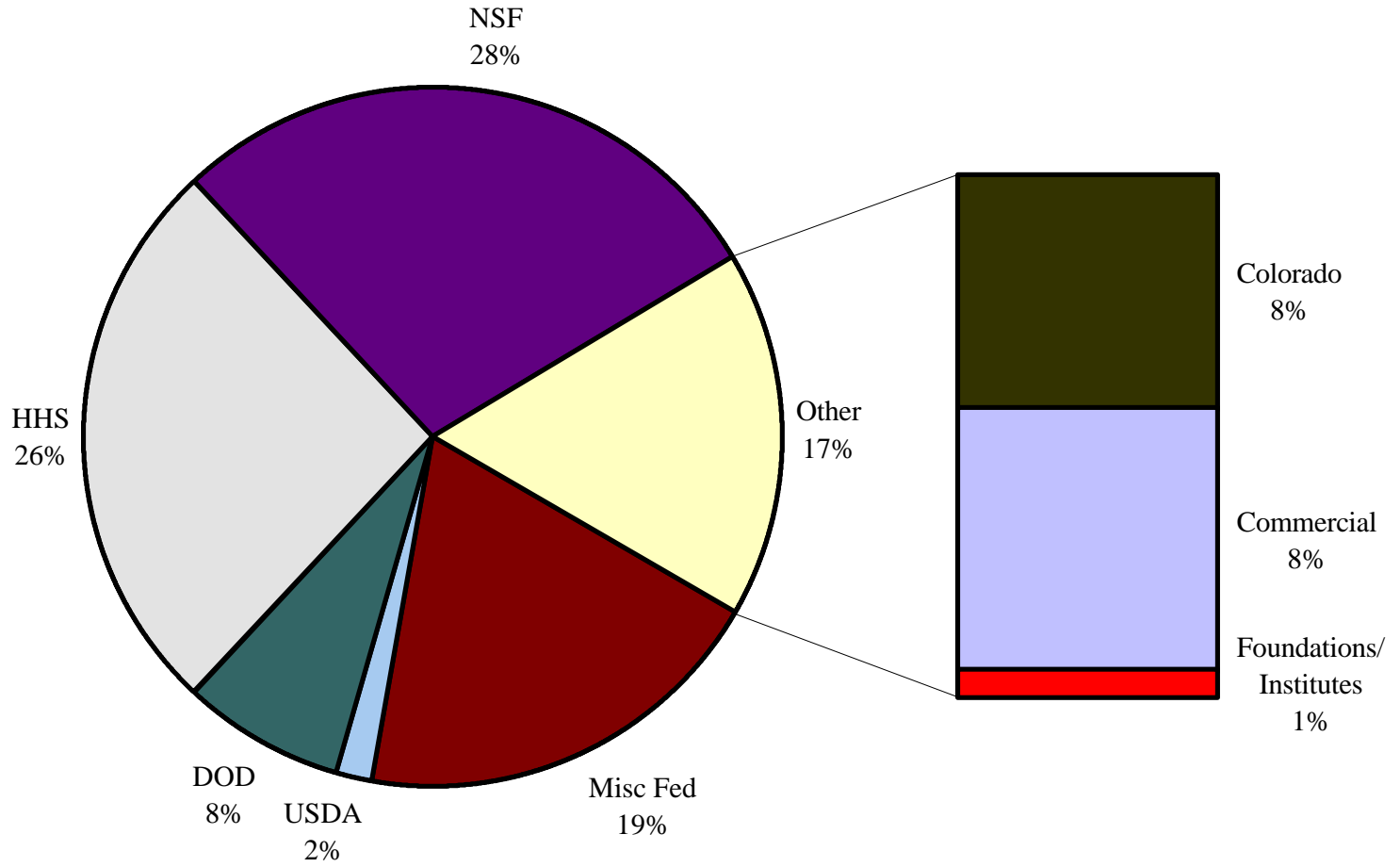
Five-Year Comparison

October - December

Sponsor	#	FY 95	#	FY 96	#	FY 97	#	FY 98	#	FY 99
Commercial and Non-Profit	46	\$ 4,110,418	53	\$ 5,683,469	40	\$ 3,887,379	41	\$ 4,376,587	45	\$ 5,962,081
Foundations	6	\$ 263,088	10	\$ 463,174	10	\$ 406,234	15	\$ 1,855,888	10	\$ 457,891
Institutes	0	\$ -	1	\$ 46,644	0	\$ -	2	\$ 2,509,320	0	\$ -
State of Colorado	10	\$ 903,269	11	\$ 859,858	16	\$ 6,335,450	19	\$ 6,922,336	16	\$ 6,746,742
Subtotal of Non-Federal	62	\$ 5,276,775	75	\$ 7,053,145	66	\$ 10,629,063	77	\$ 15,664,131	71	\$ 13,166,714
USDA - Department of Agriculture	11	\$ 2,382,863	12	\$ 2,826,384	22	\$ 4,831,688	9	\$ 2,318,141	11	\$ 2,189,229
DOC - Department of Commerce	1	\$ 135,437	0	\$ -	0	\$ -	5	\$ 848,545	5	\$ 1,255,820
DOD - Department of Defense	17	\$ 39,475,155	14	\$ 7,703,157	11	\$ 3,179,940	9	\$ 2,142,966	7	\$ 2,911,798
DOE - Department of Energy	1	\$ 395,525	8	\$ 10,051,094	4	\$ 1,310,337	2	\$ 402,386	1	\$ 575,471
EPA - Environmental Protection Agency	3	\$ 318,701	3	\$ 124,625	0	\$ -	5	\$ 1,076,802	0	\$ -
HHS - Health & Human Services	27	\$ 16,452,690	19	\$ 8,987,918	10	\$ 8,271,213	15	\$ 13,214,750	14	\$ 10,589,198
USDI - Department of the Interior	7	\$ 1,667,687	2	\$ 40,278	2	\$ 120,319	11	\$ 1,312,906	6	\$ 754,550
NASA - National Aeronautics & Space Administration	5	\$ 1,783,561	8	\$ 6,863,866	5	\$ 4,587,161	4	\$ 1,143,915	1	\$ 95,000
NSF - National Science Foundation	52	\$ 19,133,207	34	\$ 15,178,246	33	\$ 9,124,681	34	\$ 10,638,092	34	\$ 17,492,134
Miscellaneous Federal	11	\$ 2,765,191	6	\$ 2,714,417	6	\$ 4,057,635	7	\$ 4,547,730	7	\$ 3,906,877
Subtotal of Federal	135	\$ 84,510,017	106	\$ 54,489,985	93	\$ 35,482,974	101	\$ 37,646,233	86	\$ 39,770,077
*** TOTAL ***	197	\$ 89,786,792	181	\$ 61,543,130	159	\$ 46,112,037	178	\$ 53,310,364	157	\$ 52,936,791

Proposals by Fund Source

July - December 1998



Proposals by Fund Source

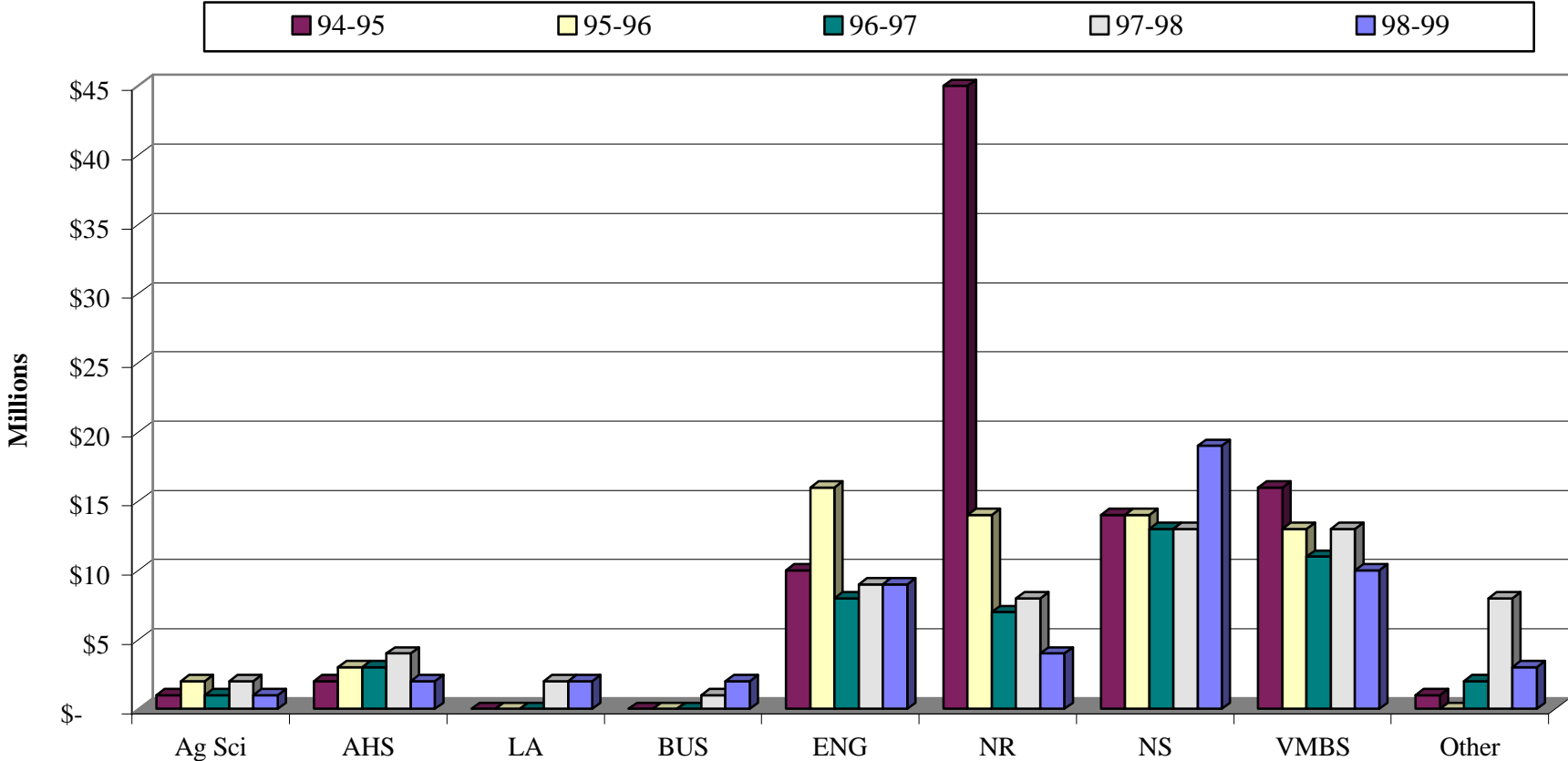
Five-Year Comparison

July - December

Sponsor	#	FY 95	#	FY 96	#	FY 97	#	FY 98	#	FY 99
Commercial and Non-Profit	86	\$ 7,042,718	91	\$ 10,410,405	74	\$ 11,948,567	80	\$ 11,296,495	88	\$ 9,914,929
Foundations	17	\$ 730,770	26	\$ 2,402,501	21	\$ 1,649,688	27	\$ 2,814,570	20	\$ 873,879
Institutes	1	\$ 210,420	3	\$ 193,699	0	\$ -	2	\$ 2,509,320	1	\$ 25,000
State of Colorado	33	\$ 7,867,055	28	\$ 12,011,569	37	\$ 7,844,449	28	\$ 7,817,126	26	\$ 8,646,410
Subtotal of Non-Federal	137	\$ 15,850,963	148	\$ 25,018,174	132	\$ 21,442,704	137	\$ 24,437,511	135	\$ 19,460,218
USDA - Department of Agriculture	17	\$ 2,735,916	23	\$ 4,116,844	27	\$ 5,221,730	20	\$ 2,787,323	15	\$ 2,252,163
DOC - Department of Commerce	9	\$ 1,908,187	5	\$ 80,976,216	13	\$ 13,237,652	12	\$ 3,025,274	12	\$ 2,688,515
DOD - Department of Defense	42	\$ 48,847,796	30	\$ 10,177,625	35	\$ 8,438,178	17	\$ 4,568,719	33	\$ 9,493,133
DOE - Department of Energy	9	\$ 3,433,348	9	\$ 10,440,415	5	\$ 1,634,463	4	\$ 972,699	5	\$ 2,209,753
EPA - Environmental Protection Agency	8	\$ 1,604,034	4	\$ 145,165	4	\$ 139,075	6	\$ 1,164,302	3	\$ 1,015,460
HHS - Health & Human Services	49	\$ 31,271,907	34	\$ 19,066,532	40	\$ 27,379,709	30	\$ 24,036,002	45	\$ 30,550,770
USDI - Department of the Interior	11	\$ 2,627,337	4	\$ 75,928	10	\$ 966,898	21	\$ 1,713,472	11	\$ 1,342,140
NASA - National Aeronautics & Space Administration	10	\$ 3,469,404	8	\$ 6,863,866	8	\$ 5,178,159	6	\$ 1,814,565	9	\$ 3,589,055
NSF - National Science Foundation	82	\$ 28,814,747	67	\$ 26,046,209	54	\$ 17,700,980	70	\$ 34,505,845	68	\$ 33,957,448
Miscellaneous Federal	61	\$ 3,920,126	141	\$ 2,738,008	11	\$ 4,792,081	13	\$ 8,676,079	10	\$ 12,050,892
Subtotal of Federal	298	\$ 128,632,802	325	\$ 160,646,808	207	\$ 84,688,925	199	\$ 83,264,280	211	\$ 99,149,329
*** TOTAL ***	435	\$ 144,483,765	473	\$ 185,664,982	339	\$ 106,131,629	336	\$ 107,701,791	346	\$ 118,609,547

Proposals by College

Five-Year Comparison
October - December



Proposals by College

Five-Year Comparison

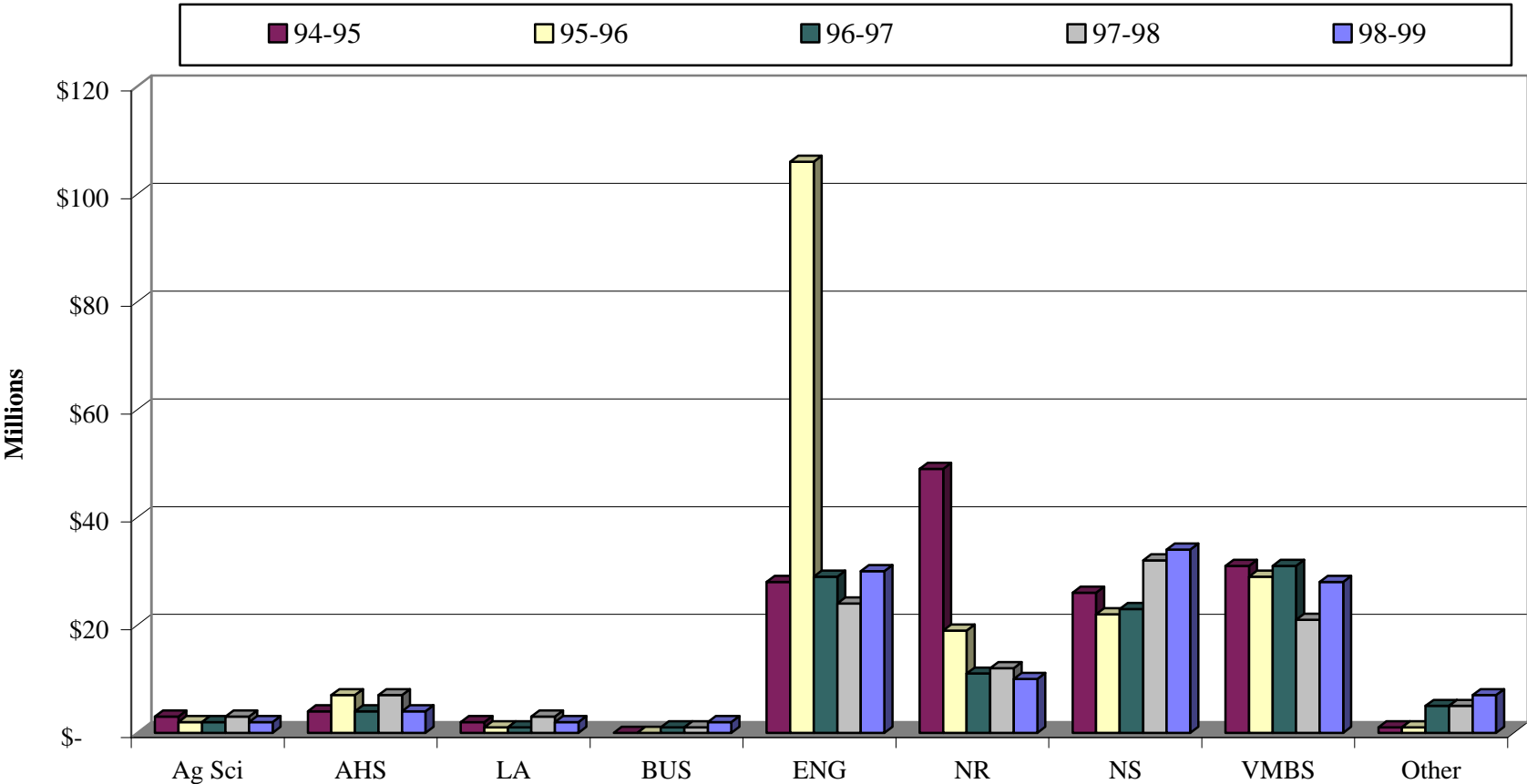
October - December

College	#	FY 95	#	FY 96	#	FY 97	#	FY 98	#	FY 99
Ag Sci - Agricultural Sciences	10	\$ 1,229,301	9	\$ 1,624,016	12	\$ 1,488,925	17	\$ 2,121,239	9	\$ 1,383,512
AHS - Applied Human Sciences	10	\$ 1,958,394	8	\$ 2,915,823	4	\$ 3,316,490	22	\$ 3,789,235	10	\$ 2,388,814
CLA - Liberal Arts	3	\$ 302,579	3	\$ 15,316	3	\$ 317,780	5	\$ 2,097,423	6	\$ 2,017,491
Bus - Business	1	\$ 40,000	2	\$ 347,797	1	\$ 862,751	1	\$ 1,150,792	2	\$ 1,575,809
Eng - Engineering	50	\$ 10,172,162	48	\$ 15,971,035	23	\$ 7,802,946	35	\$ 9,040,746	38	\$ 9,018,221
NR - Natural Resources	26	\$ 44,674,237	27	\$ 13,750,777	24	\$ 6,439,924	28	\$ 7,845,377	24	\$ 4,399,023
NS - Natural Sciences	49	\$ 14,367,472	43	\$ 13,933,001	45	\$ 13,230,742	42	\$ 12,976,896	37	\$ 19,128,823
VMBS - Veterinary Medicine & Biomedical Sciences	44	\$ 16,277,602	39	\$ 12,971,765	39	\$ 10,528,353	27	\$ 12,565,181	29	\$ 10,398,042
Other	4	\$ 765,045	2	\$ 13,600	8	\$ 2,124,126	1	\$ 1,723,475	2	\$ 2,627,056
*** TOTAL ***	197	\$ 89,786,792	181	\$ 61,453,130	159	\$ 46,112,037	178	\$ 53,310,364	157	\$ 52,936,791

Proposals by College

Five-Year Comparison

July - December



Proposals by College

Five-Year Comparison

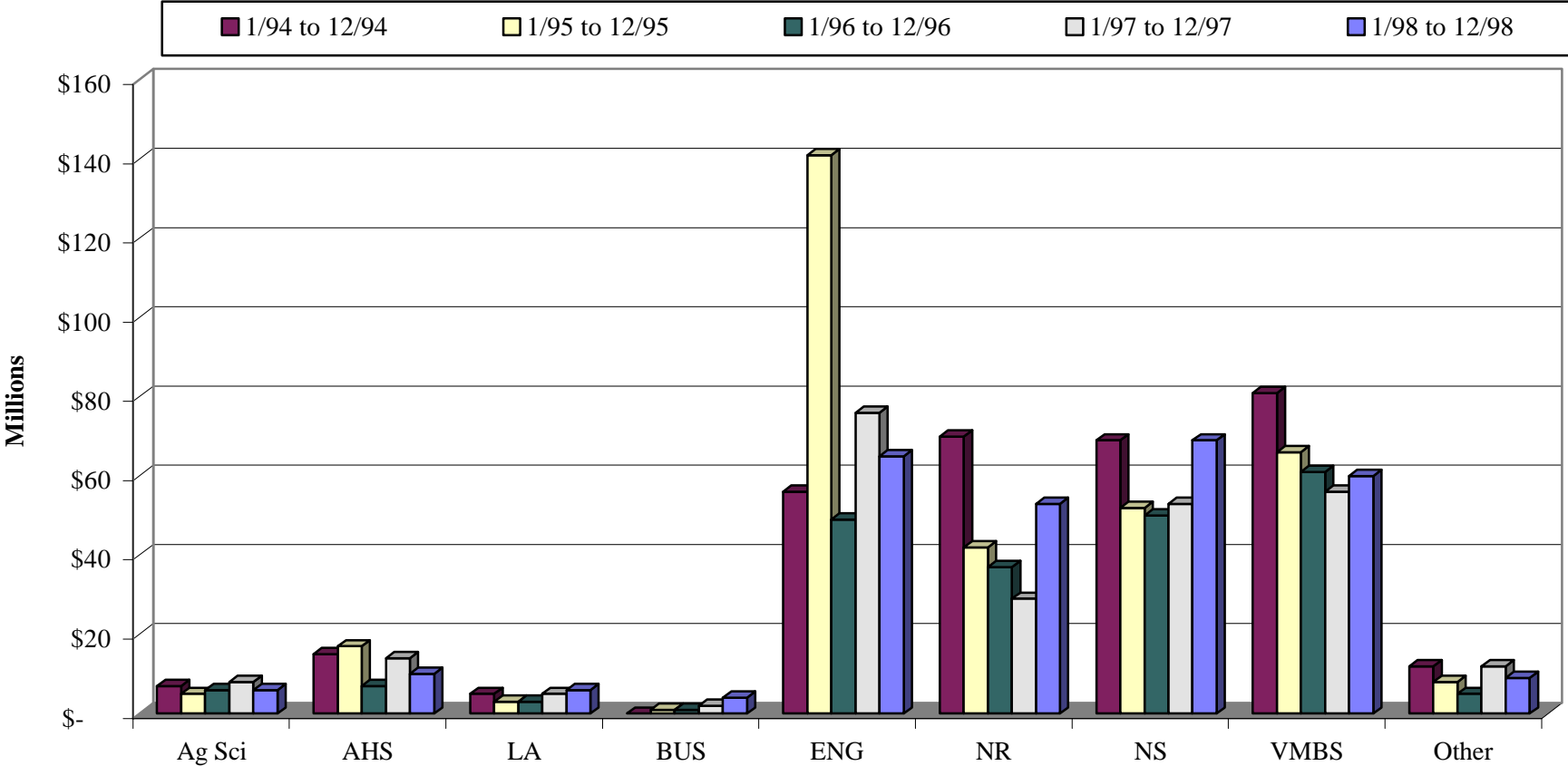
July - December

College	#	FY 95	#	FY 96	#	FY 97	#	FY 98	#	FY 99
Ag Sci - Agricultural Sciences	22	\$ 2,530,799	13	\$ 1,822,413	15	\$ 1,573,572	25	\$ 2,559,646	16	\$ 2,165,904
AHS - Applied Human Sciences	31	\$ 4,033,085	17	\$ 6,745,490	14	\$ 3,747,652	32	\$ 7,393,308	23	\$ 3,733,169
CLA - Liberal Arts	10	\$ 2,022,271	6	\$ 905,135	9	\$ 542,657	9	\$ 2,671,418	10	\$ 2,457,612
Bus - Business	1	\$ 40,000	3	\$ 390,297	2	\$ 874,851	4	\$ 1,179,407	2	\$ 1,575,809
Eng - Engineering	108	\$ 27,891,784	88	\$ 105,707,703	67	\$ 28,550,325	81	\$ 24,120,280	87	\$ 29,861,115
NR - Natural Resources	40	\$ 49,038,183	56	\$ 18,546,066	54	\$ 11,466,383	48	\$ 11,662,449	55	\$ 9,640,161
NS - Natural Sciences	91	\$ 26,223,884	74	\$ 22,025,385	82	\$ 23,224,178	83	\$ 32,063,284	74	\$ 33,925,778
VMBS - Veterinary Medicine & Biomedical Sciences	78	\$ 31,497,149	76	\$ 28,883,848	79	\$ 31,226,515	50	\$ 21,363,031	71	\$ 28,071,995
Other	14	\$ 1,206,610	6	\$ 638,645	17	\$ 4,925,496	4	\$ 4,688,968	8	\$ 7,178,004
*** TOTAL ***	395	\$ 144,483,765	339	\$ 185,664,982	339	\$ 106,131,629	336	\$ 107,701,791	346	\$ 118,609,547

Proposals by College

Five-Year Comparison

January - December



Proposals by College

Five-Year Comparison

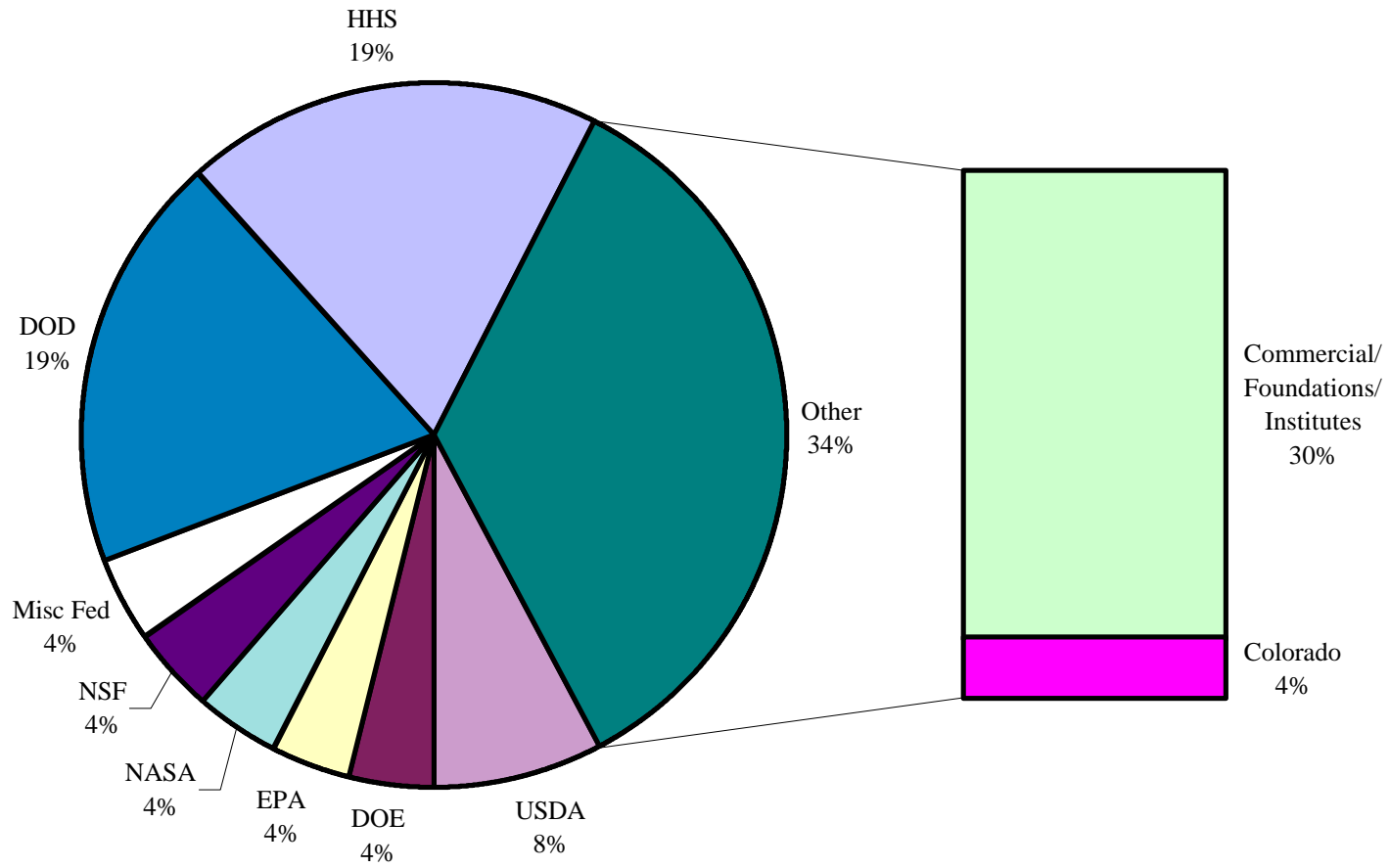
January - December

College	#	01/94 to 12/94	#	01/95 to 12/95	#	01/96 to 12/96	#	01/97 to 12/97	#	01/98 to 12/98
Ag Sci - Agricultural Sciences	60	\$ 6,694,079	42	\$ 4,550,721	42	\$ 6,094,769	49	\$ 8,231,624	43	\$ 6,293,035
AHS - Applied Human Sciences	59	\$ 14,866,290	38	\$ 17,396,237	36	\$ 7,321,797	58	\$ 13,979,277	50	\$ 9,717,880
CLA - Liberal Arts	17	\$ 5,027,082	11	\$ 2,564,563	24	\$ 3,133,928	20	\$ 5,334,979	19	\$ 5,614,530
Bus - Business	5	\$ 148,670	7	\$ 1,409,677	4	\$ 1,411,576	6	\$ 1,700,392	4	\$ 4,113,896
Eng - Engineering	205	\$ 56,002,608	199	\$ 141,284,058	163	\$ 49,245,373	198	\$ 75,599,265	188	\$ 64,805,604
NR - Natural Resources	104	\$ 70,039,309	144	\$ 41,694,353	121	\$ 36,969,101	114	\$ 28,500,072	132	\$ 52,645,466
NS - Natural Sciences	177	\$ 68,923,814	159	\$ 51,692,319	166	\$ 49,697,467	157	\$ 53,120,857	139	\$ 68,971,290
VMBS - Veterinary Medicine & Biomedical Sciences	189	\$ 80,613,854	164	\$ 65,757,964	188	\$ 61,361,144	173	\$ 56,320,615	160	\$ 60,063,693
Other	43	\$ 11,868,146	37	\$ 7,890,849	24	\$ 5,498,930	25	\$ 11,541,940	16	\$ 9,160,588
*** TOTAL ***	859	\$ 314,183,852	801	\$ 334,240,741	768	\$ 220,734,085	800	\$ 254,329,021	751	\$ 281,385,982

Award Summaries

Awards by Fund Source

October - December 1998



Awards by Fund Source

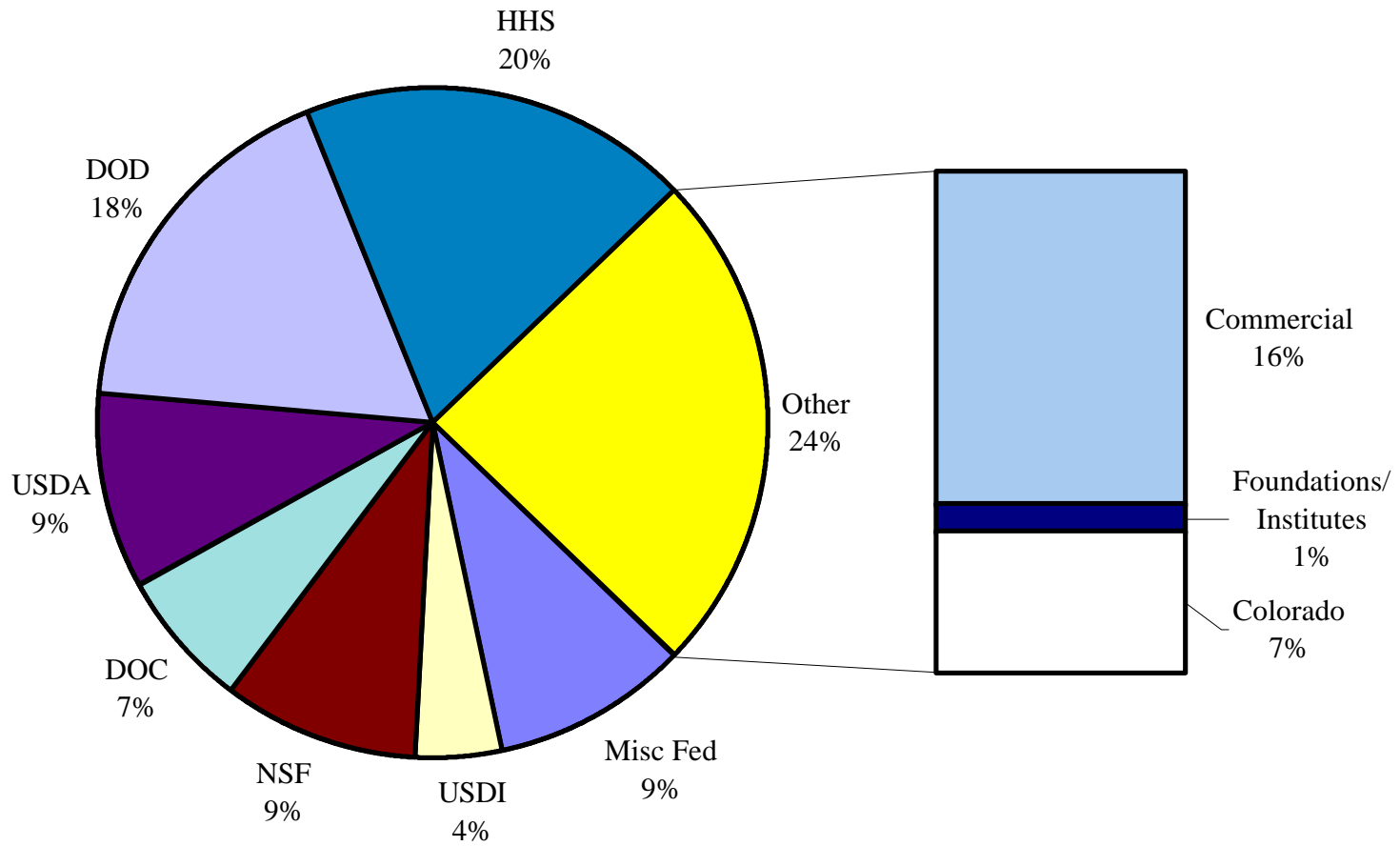
Five-Year Comparison

October - December

Sponsor	#	FY 95	#	FY 96	#	FY 97	#	FY 98	#	FY 99
Commercial and Non-Profit	110	\$ 3,820,578	110	\$ 3,568,782	106	\$ 5,769,035	104	\$ 4,633,654	151	\$ 7,451,099
Foundations	5	\$ 47,790	8	\$ 67,483	9	\$ 236,919	5	\$ 70,650	12	\$ 303,869
Institutes	0	\$ -	2	\$ 232,676	1	\$ 87,935	1	\$ 203,509	5	\$ 400,000
State of Colorado	62	\$ 2,156,964	66	\$ 3,999,429	67	\$ 3,900,665	40	\$ 3,032,252	28	\$ 1,266,203
Subtotal of Non-Federal	177	\$ 6,025,332	186	\$ 7,868,370	183	\$ 9,994,554	150	\$ 7,940,065	196	\$ 9,421,171
USDA - Department of Agriculture	47	\$ 3,767,690	48	\$ 3,087,728	72	\$ 2,736,187	31	\$ 1,275,613	45	\$ 1,960,690
DOC - Department of Commerce	2	\$ 224,007	3	\$ 191,810	2	\$ 2,995,703	3	\$ 385,220	2	\$ 164,872
DOD - Department of Defense	17	\$ 2,059,606	8	\$ 712,382	19	\$ 1,712,013	35	\$ 2,475,872	41	\$ 5,021,725
DOE - Department of Energy	8	\$ 1,250,024	6	\$ 891,535	8	\$ 965,800	6	\$ 555,401	5	\$ 544,000
EPA - Environmental Protection Agency	3	\$ 225,910	4	\$ 503,969	7	\$ 823,867	2	\$ 1,039,625	2	\$ 719,019
HHS - Health & Human Services	21	\$ 3,003,049	18	\$ 1,835,242	31	\$ 3,723,237	29	\$ 4,694,030	27	\$ 4,788,270
USDI - Department of the Interior	22	\$ 1,452,556	11	\$ 837,933	9	\$ 102,111	10	\$ 439,967	6	\$ 337,339
NASA - National Aeronautics & Space Administration	13	\$ 578,577	1	\$ 35,000	9	\$ 521,594	9	\$ 903,361	13	\$ 769,342
NSF - National Science Foundation	30	\$ 2,401,448	21	\$ 2,125,445	15	\$ 1,881,928	10	\$ 1,156,537	9	\$ 1,497,021
Miscellaneous Federal	6	\$ 415,900	4	\$ 138,943	6	\$ 1,038,180	2	\$ 665,106	3	\$ 922,222
Subtotal Federal	169	\$ 15,378,767	124	\$ 10,359,987	178	\$ 16,500,620	137	\$ 13,590,732	153	\$ 16,724,500
*** TOTAL ***	346	\$ 21,404,099	310	\$ 18,228,357	361	\$ 26,495,174	287	\$ 21,530,797	349	\$ 26,145,671

Awards by Fund Source

July - December 1998



Awards by Fund Source

Five-Year Comparison

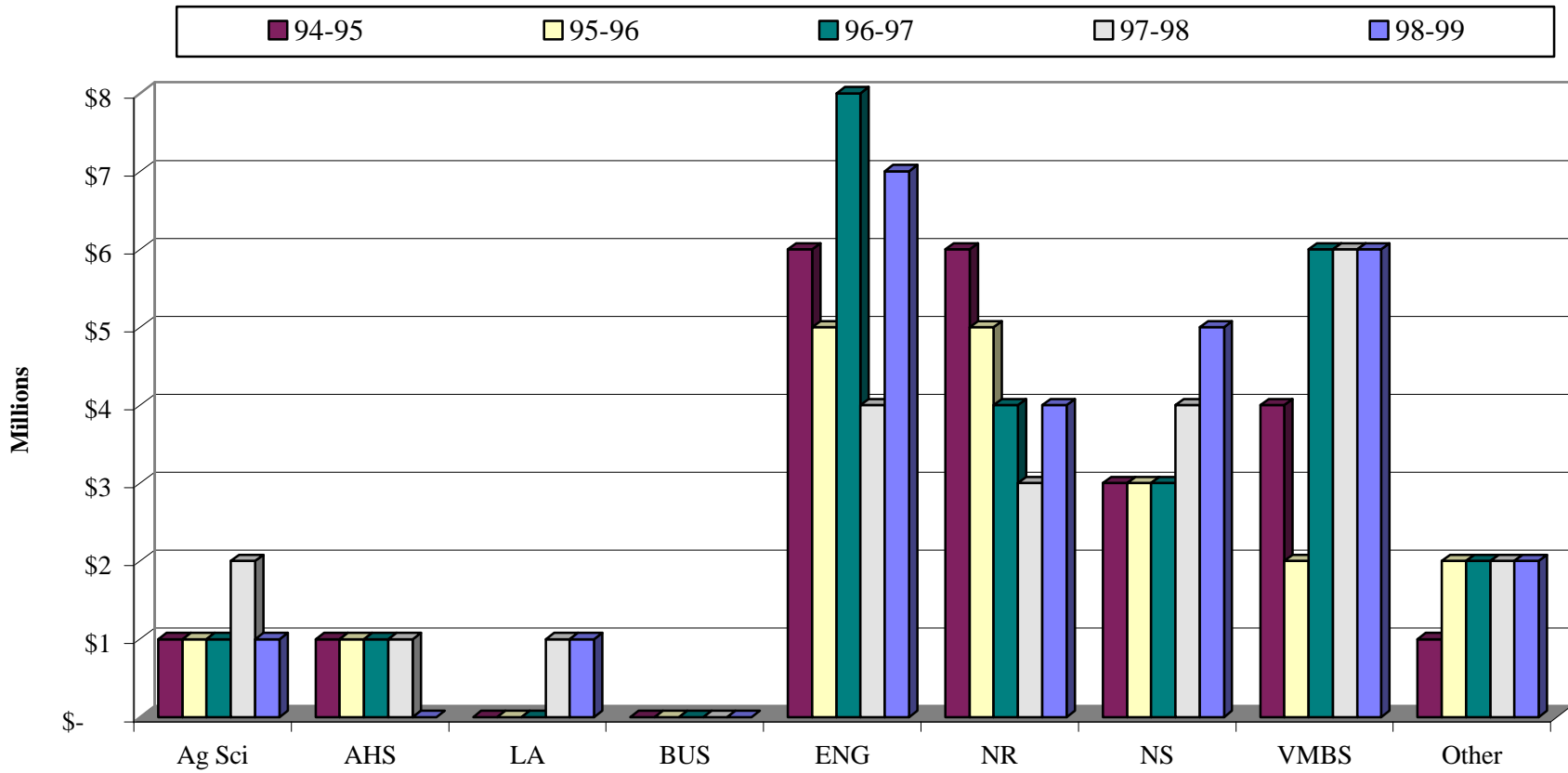
July - December

Sponsor	#	FY 95	#	FY 96	#	FY 97	#	FY 98	#	FY 99
Commercial and Non-Profit	252	\$ 7,075,293	246	\$ 7,664,839	235	\$ 10,059,784	245	\$ 10,386,927	297	\$ 12,346,986
Foundations	18	\$ 371,910	3	\$ 103,193	18	\$ 406,522	15	\$ 484,042	24	\$ 529,367
Institutes	6	\$ 1,105,759	6	\$ 486,865	3	\$ 109,848	3	\$ 382,492	8	\$ 842,378
State of Colorado	113	\$ 8,397,341	121	\$ 14,207,492	119	\$ 6,867,388	88	\$ 6,181,730	77	\$ 5,203,812
Subtotal of Non-Federal	389	\$ 16,950,303	376	\$ 22,462,389	375	\$ 17,443,542	351	\$ 17,435,191	406	\$ 18,922,543
USDA - Department of Agriculture	118	\$ 8,548,033	122	\$ 6,108,549	158	\$ 6,743,324	92	\$ 5,535,219	126	\$ 6,566,525
DOC - Department of Commerce	12	\$ 2,026,013	14	\$ 2,847,465	20	\$ 5,158,175	15	\$ 4,502,093	26	\$ 5,149,309
DOD - Department of Defense	38	\$ 7,487,858	38	\$ 5,281,445	47	\$ 3,326,030	84	\$ 5,918,348	101	\$ 12,566,570
DOE - Department of Energy	19	\$ 2,206,961	18	\$ 2,347,338	19	\$ 2,410,020	16	\$ 1,335,749	15	\$ 992,987
EPA - Environmental Protection Agency	8	\$ 544,903	11	\$ 904,999	17	\$ 1,353,141	8	\$ 1,607,087	7	\$ 829,062
HHS - Health & Human Services	62	\$ 10,964,419	65	\$ 8,906,725	82	\$ 11,391,214	86	\$ 14,788,222	84	\$ 13,546,006
USDI - Department of the Interior	63	\$ 3,775,282	56	\$ 2,562,124	55	\$ 2,038,661	57	\$ 2,867,775	75	\$ 3,263,131
NASA - National Aeronautics & Space Administration	23	\$ 1,653,182	12	\$ 1,358,941	21	\$ 1,843,295	21	\$ 1,611,037	24	\$ 1,770,060
NSF - National Science Foundation	66	\$ 5,785,492	52	\$ 5,896,580	43	\$ 4,230,364	34	\$ 4,145,434	51	\$ 7,027,956
Miscellaneous Federal	61	\$ 2,938,805	141	\$ 1,404,459	14	\$ 1,915,263	13	\$ 2,357,518	17	\$ 2,421,462
Subtotal of Federal	470	\$ 45,930,948	529	\$ 37,618,625	476	\$ 40,409,487	426	\$ 44,668,482	526	\$ 54,133,068
*** TOTAL ***	859	\$ 62,881,251	905	\$ 60,081,014	851	\$ 57,853,029	777	\$ 62,103,673	932	\$ 73,055,611

Awards by College

Five-Year Comparison

October - December



Awards by College

Five-Year Comparison

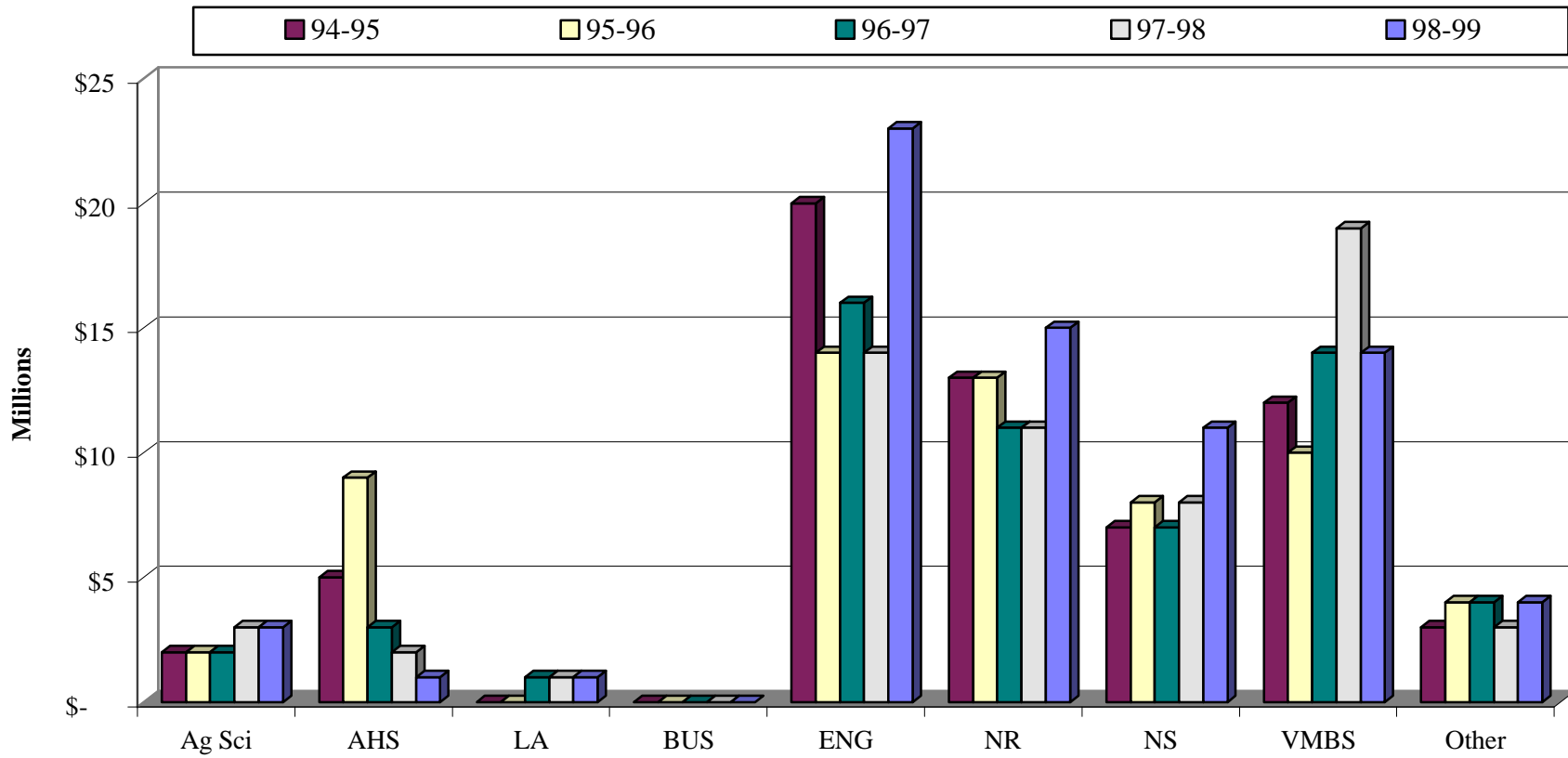
October - December

College	#	FY 95	#	FY 96	#	FY 97	#	FY 98	#	FY 99
Ag Sci - Agricultural Sciences	50	\$ 769,883	43	\$ 547,625	46	\$ 951,021	39	\$ 1,657,387	43	\$ 1,384,331
AHS - Applied Human Sciences	31	\$ 1,049,492	22	\$ 1,046,581	19	\$ 1,213,105	8	\$ 594,939	11	\$ 471,646
CLA - Liberal Arts	2	\$ 31,503	3	\$ 75,991	0	\$ -	4	\$ 993,651	3	\$ 695,731
Bus - Business	1	\$ 30,012	3	\$ 266,210	2	\$ 336,201	2	\$ 16,642	0	\$ -
Eng - Engineering	84	\$ 5,766,711	57	\$ 4,541,626	75	\$ 8,359,886	57	\$ 3,729,151	80	\$ 6,776,096
NR - Natural Resources	54	\$ 5,568,520	70	\$ 5,379,011	89	\$ 4,199,875	55	\$ 3,326,456	65	\$ 3,863,330
NS - Natural Sciences	47	\$ 3,410,566	39	\$ 2,576,153	39	\$ 3,225,367	45	\$ 3,705,203	53	\$ 5,246,274
VMBS - Veterinary Medicine & Biomedical Sciences	42	\$ 3,826,178	45	\$ 1,623,813	67	\$ 5,804,537	59	\$ 5,909,993	65	\$ 6,192,964
Other	35	\$ 951,234	28	\$ 2,171,347	24	\$ 2,405,182	18	\$ 1,597,375	29	\$ 1,515,299
*** TOTAL ***	346	\$ 21,404,099	310	\$ 18,228,357	361	\$ 26,495,174	287	\$ 21,530,797	349	\$ 26,145,671

Awards by College

Five-Year Comparison

July - December



Awards by College

Five-Year Comparison

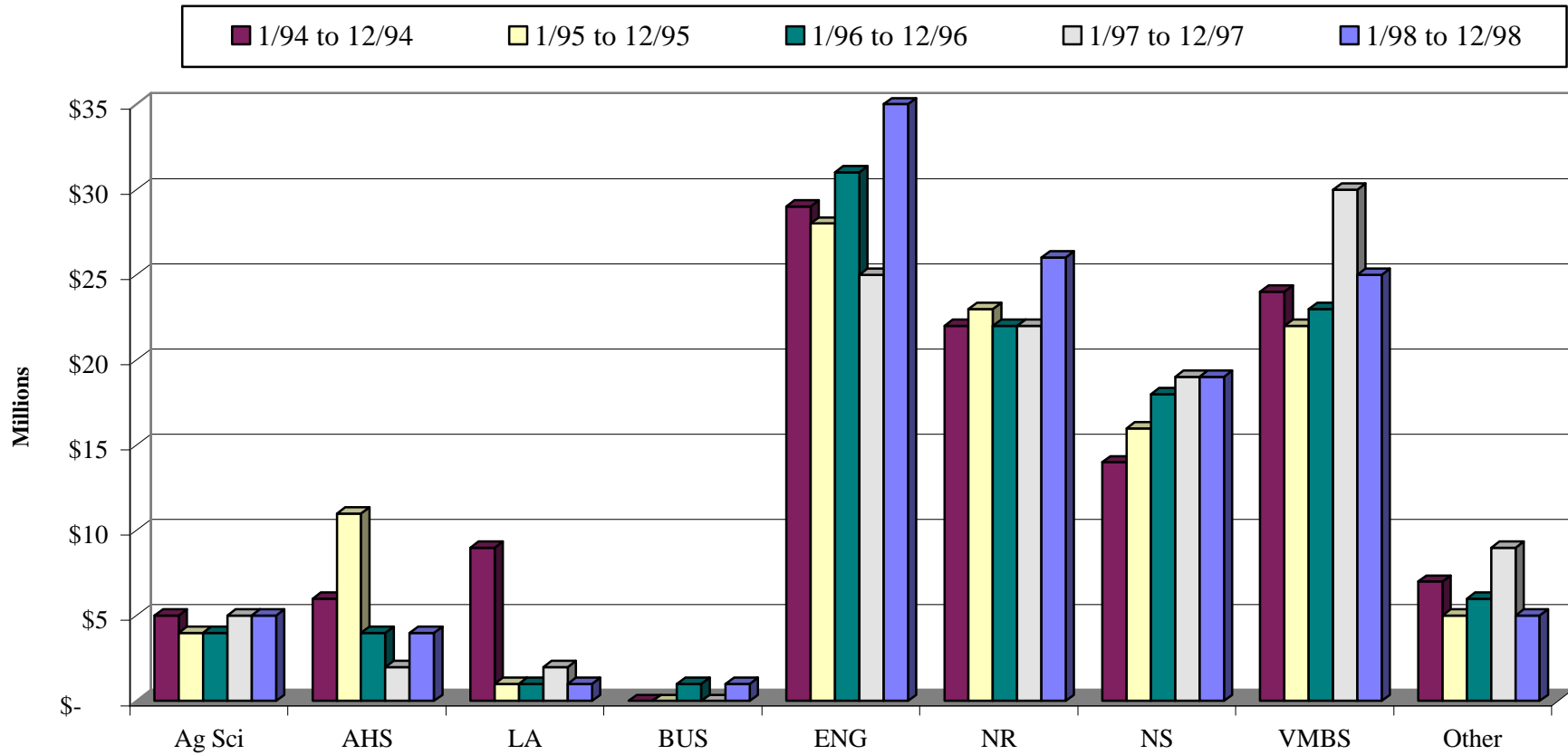
July - December

College	#	FY 95	#	FY 96	#	FY 97	#	FY 98	#	FY 99
Ag Sci - Agricultural Sciences	120	\$ 2,232,230	115	\$ 2,135,688	99	\$ 2,304,334	96	\$ 3,102,131	102	\$ 3,325,163
AHS - Applied Human Sciences	52	\$ 5,054,557	43	\$ 8,805,967	46	\$ 2,800,518	31	\$ 2,008,415	27	\$ 1,269,382
CLA - Liberal Arts	9	\$ 224,777	8	\$ 352,035	12	\$ 578,432	9	\$ 1,441,344	8	\$ 891,669
Bus - Business	1	\$ 30,012	6	\$ 290,024	3	\$ 347,348	4	\$ 211,082	6	\$ 175,756
Eng - Engineering	204	\$ 20,081,781	144	\$ 14,149,136	178	\$ 16,176,053	150	\$ 13,605,062	193	\$ 23,040,971
NR - Natural Resources	166	\$ 12,923,690	193	\$ 12,797,014	235	\$ 10,582,127	184	\$ 11,278,551	281	\$ 15,301,490
NS - Natural Sciences	97	\$ 7,488,179	102	\$ 7,953,114	90	\$ 7,337,428	105	\$ 7,814,372	113	\$ 10,854,725
VMBS - Veterinary Medicine & Biomedical Sciences	115	\$ 12,003,562	116	\$ 9,574,120	148	\$ 13,508,916	156	\$ 19,308,586	141	\$ 14,163,577
Other	57	\$ 2,842,463	57	\$ 4,023,916	40	\$ 4,217,873	42	\$ 3,334,130	61	\$ 4,032,878
*** TOTAL ***	821	\$ 62,881,251	784	\$ 60,081,014	851	\$ 57,853,029	777	\$ 62,103,673	932	\$ 73,055,611

Awards by College

Five-Year Comparison

January - December



Awards by College

Five-Year Comparison

January - December

College	#	01/94 to 12/94	#	01/95 to 12/95	#	01/96 to 12/96	#	01/97 to 12/97	#	01/98 to 12/98
Agricultural Sciences	218	\$ 5,026,198	210	\$ 3,655,321	190	\$ 3,949,793	165	\$ 4,638,501	175	\$ 5,337,532
Applied Human Sciences	90	\$ 6,151,283	92	\$ 10,659,518	86	\$ 3,596,310	46	\$ 2,499,278	59	\$ 3,615,674
Liberal Arts	16	\$ 923,881	16	\$ 616,723	20	\$ 851,978	15	\$ 1,561,076	15	\$ 1,144,658
Business	7	\$ 137,736	10	\$ 409,926	10	\$ 701,217	9	\$ 293,522	14	\$ 529,043
Engineering	379	\$ 29,226,049	325	\$ 28,250,928	362	\$ 30,957,156	292	\$ 24,507,131	346	\$ 35,443,697
Natural Resources	324	\$ 22,480,716	364	\$ 23,038,378	419	\$ 22,141,535	321	\$ 21,925,333	514	\$ 25,668,398
Natural Sciences	190	\$ 14,271,671	218	\$ 16,594,224	212	\$ 18,012,167	238	\$ 18,939,958	218	\$ 19,381,432
Veterinary Medicine & Biomedical Sciences	232	\$ 24,182,909	233	\$ 21,809,084	265	\$ 23,383,464	265	\$ 30,118,964	267	\$ 25,298,219
Other	114	\$ 7,247,166	85	\$ 5,329,151	79	\$ 6,178,260	92	\$ 5,800,399	94	\$ 5,478,968
*** TOTAL ***	1,570	\$ 109,647,609	1,553	\$ 110,363,253	1,643	\$ 109,771,880	1,443	\$ 110,284,162	1,702	\$ 121,897,620

Section II

**Proposals Submitted
October - December 1998**

Agricultural Sciences - Proposals

Principal Investigator	Department/Sponsor	Title	Dates	Key # \$Amount
Loomis,John B	Agric & Resource Economics	A Survey of Public Attitude Toward Fuel Treatment	11/1/98 -	99070901
Rideout,Douglas B	USDA - US Department of Agriculture	Policies	12/31/00	\$167,005
Omi,Philip N				
Sampath,Rajan K	Agric & Resource Economics	Groundwater Institutions for Sustainable & Equitable	9/1/99 -	99075201
	USIA-Education Exchange/Graduate Student	Resource Use & Management in Peninsular India	8/31/00	\$119,851
Seidl,Andrew F	Agric & Resource Economics	Confined Animal Feeding Operations Collaboration	10/1/98 -	99056401
Davis,Jessica G	CCI - Colorado Counties, Inc.	Project	9/30/99	\$12,000
Jones,Michelle L	Horticulture & Landscape Arch	The Regulation of Ethylene Biosynthesis by Pollination in	8/1/99 -	99076601
	USDA - US Department of Agriculture	Petunia	7/31/01	\$95,187
Koski,Anthony J	Horticulture & Landscape Arch	Turf Quality, Gas Exchange, Carbon Balance, & Root	6/1/99 -	99074501
Qian,Yaling	Golf Course Superintendents Assn of Amer	Activity of Annual Bluegrass & Creeping Bentgrass	5/31/01	\$16,800
Qian,Yaling	Horticulture & Landscape Arch	Effects of Different Irrigation Water Sources on Kentucky	6/1/99 -	99074401
Koski,Anthony J	Golf Course Superintendents Assn of Amer	Bluegrass & Tall Fescue	5/31/01	\$18,300
Wilhelm,Sarah J				
Qian,Yaling	Horticulture & Landscape Arch	Water Uses of Kentucky Bluegrass & Tall Fescue:	6/1/99 -	99069801
Wilhelm,Sarah J	International Turf Producers Foundation	Comparison of Two Irrigation Water Sources	5/31/01	\$18,096
Koski,Anthony J				
Wallner,Stephen J	Horticulture & Landscape Arch	Landscape Horticulture/Landscape Architecture Program	7/1/99 -	99065401
	CCHE-Commission on Higher Education	of Excellence	6/30/04	\$850,149
Davis,Jessica G	Soil & Crop Sciences	Partnering with Farm Co-ops & Fertilizer Dealers to	1/1/00 -	99054801
Cooley,Aubrey Wayne	USDA-CSRS-SARE-Sust Agri Res & Educ Prog	Encourage the Use of Soil Testing & Enhance	12/31/01	\$86,124
		Sustainability...		

Applied Human Sciences - Proposals

				Key # \$Amount
Principal Investigator	Department/Sponsor	Title	Dates	
Drennen,Nancy Hungerford	Design, Merch & Consumer Sci	Participant's Perspective: Evaluation Job Retention Efforts	1/1/99 -	99071501
Makela,Carole J	Larimer County		6/30/99	\$8,913
Makela,Carole J	Design, Merch & Consumer Sci	Background & Data Analysis: Evaluation Job Retention	1/1/99 -	99071701
Drennen,Nancy Hungerford	Larimer County	Efforts	6/30/99	\$7,890
Davy,Kevin	Exercise & Sport Science	Aging. Obesity, and Vascular Structure & Function	5/1/99 -	99066801
	HHS-NIH-National Institutes of Health		4/30/00	\$72,488
Anderson,Jennifer E	Food Science & Human Nutrition	Alternative Strategies of Nutrition Education for Low-	10/1/99 -	99066601
	USDA - US Department of Agriculture	Income Hispanics (Interactive Multi-Media)	9/30/02	\$319,706
Biringen,Zeynep C	Human Dev & Family Studies	The Transition to Elementary School: An Attachment	12/1/99 -	99073801
	NSF - National Science Foundation	Perspective	5/1/00	\$75,000
Zimmerman,Toni S	Human Dev & Family Studies	Successful Dual Earner Couples Project	9/1/99 -	99065801
	Alfred P. Sloan Foundation		6/30/01	\$200,042
Hanzlik,Jodie R	Occupational Therapy	The Occupational Therapy Undergraduate & Graduate	7/1/99 -	99065301
	CCHE-Commission on Higher Education	Programs	6/30/04	\$839,855
Lehmann,Jean P	School Of Education	Exceeding Expectations; Innovative Educational Practices	4/1/99 -	99073401
	US Department of Education		3/31/02	\$597,483
Yohon,Teresa I	School Of Education	Using Technology in Delivery of Vocational Teacher	9/1/99 -	99058601
	DE-FIPSE-Fund Imp. of Post. Sec. Educ.	Education & Teacher Licensure Courses	8/31/02	\$184,149
Schatz,Mona Struhsaker	Social Work	Sexual Trafficking: Trauma Recovery Response Team	3/1/99 -	99080301
	US Information Agency	Program	12/31/99	\$83,288

Business - Proposals

Principal Investigator	Department/Sponsor	Title	Dates	Key # \$Amount
Plotnicki, William J	Computer Information Systems CCHE-Commission on Higher Education	Enhancement of the CIS Undergraduate Program	7/1/99 - 6/30/04	99065101 \$810,000
Mccarthy, Anne M	Management US Department of Commerce	Minority Business Opportunity Committee	1/1/99 - 12/31/02	99060401 \$765,809

Engineering - Proposals

				Key # \$Amount
Principal Investigator	Department/Sponsor	Title	Dates	
Cotton, William R	Atmospheric Science	Development of New Methodologies for Determining	12/18/98 -	99059801
Mckee, Thomas B	State of Colorado	Extreme Precipitation	6/30/01	\$289,835
Cotton, William R	Atmospheric Science	Fundamental Studies of Aerosol/Boundary Layer Cloud	5/1/99 -	99079301
Feingold, Graham	NSF - National Science Foundation	Interactions & Development of Parameterizations Including...	4/30/02	\$398,168
Cotton, William R	Atmospheric Science	Numerical Simulation & Analysis of Mesoscale	3/1/99 -	99054601
	NSF - National Science Foundation	Convective Systems & Severe Storms	2/28/03	\$1,069,039
Cox, Stephen K	Atmospheric Science	An Observational Study of the Angular & Spatial	1/1/99 -	99058301
Davis, John M	NSF - National Science Foundation	Variability of Solar Radiances Transmitted Through Clouds	12/31/00	\$230,525
Belfiore, Laurence A	Chemical & Biores Engineering	Polymeric Systems that Deliver Anticoagulating Agents	7/1/99 -	99078001
	Proctor & Gamble Company		6/30/01	\$149,829
Belfiore, Laurence A	Chemical & Biores Engineering	Transition Metal Compatibilization of Immiscible	5/1/99 -	99066701
	NSF - National Science Foundation	Polymer Blends	4/30/02	\$281,046
Garcia, Luis	Chemical & Biores Engineering	A Decision Support System for Irrigation & Drainage	6/1/99 -	99066401
Durnford, Deanna S	USDA - US Department of Agriculture	Water Quality Management	5/31/02	\$296,735
Wickramasinghe, Ranil	Chemical & Biores Engineering	Flocculation of Biological Feeds for Downstream	9/1/99 -	99059901
	American Chemical Society	Processing	9/1/01	\$25,000
Cotton, William R	Cira	Examination of Linkages between the Northern Mexican	5/1/99 -	99063501
	DOC-NOAA-Natl Oceanic & Atmospheric Admn	Monsoon & Great Plains Precipitation	4/30/02	\$277,869
Fox, Douglas G	Cira	Technically Advanced Smoke Evaluation Tools	12/1/98 -	99076401
Eis, Kenneth E	DOI-NPS-National Park Service	(TASET): Needs Assessment & Feasibility Investigation	9/30/99	\$105,700
Vonderhaar, Thomas H				
Gray, William M	Cira	Specification & Extended Range Prediction of PACS	5/1/99 -	99063601
	DOC-NOAA-Natl Oceanic & Atmospheric Admn	Warm Season Rainfall Regimes	4/30/01	\$189,642
Abt, Steven R	Civil Engineering	Develop Design Data on Pressure Loss of 6,8, & 10" Pipe	4/1/99 -	99078701
Brisbane, Thomas E	ASHRAE-Amer Soc. of Heat.-Refrigeration-Air	Fittings	9/30/01	\$227,849
Criswell, Marvin E	Civil Engineering	Overcoming Implementation Barriers Confronting a Four-	6/1/99 -	99076701
Siller, Thomas J	NSF - National Science Foundation	Year Integrated Core Sequence	6/30/02	\$691,519
Fontane, Darrell G				
Gates, Timothy K	Civil Engineering	Identification & Solution of Waterlogging & Salinity	10/1/98 -	99055001
Labadie, John W	DOI-Bureau of Reclamation	Problems in the Lower Arkansas River Valley, Colorado	9/30/99	\$25,000

Engineering - Proposals

				Key # \$Amount
Principal Investigator	Department/Sponsor	Title	Dates	
Gessler,Daniel	Civil Engineering	West Bay Addition to Head of Passes Model	10/15/98 -	99056801
Abt,Steven R	DOD-ARMY-Corps of Engineers		12/31/98	\$34,563
Gessler,Daniel	Civil Engineering	Extension of Head of Passes Model	10/15/98 -	99056901
Abt,Steven R	DOD-ARMY-Corps of Engineers		3/31/99	\$27,965
Gessler,Daniel	Civil Engineering	Analysis of Medora Crossing Dike Field with High	10/15/98 -	99056701
Abt,Steven R	DOD-ARMY-Corps of Engineers	Resolution Model	3/31/99	\$50,425
Grigg,Neil S	Civil Engineering	Nomination of CE Undergraduate Program for CCHE	7/1/99 -	99065001
	CCHE-Commission on Higher Education	Program of Excellence	6/30/04	\$660,000
Heyliger,Paul R	Civil Engineering	Micromechanical & Constitutive Modeling in Material	5/1/99 -	99069701
Gessler,Johannes	NSF - National Science Foundation		8/30/00	\$99,975
Bledsoe,Ivette	Dean Of Engineering	Science, Math, Engineering and Technology (SMET)	1/1/99 -	99061701
Nededog,Arlene F	The GTE Foundation	Transfer Bridge Program	12/31/00	\$30,000
Collins,George J	Electrical Engineering	Exploring Physical Foundations & Fundamental	4/30/99 -	99055101
	NSF - National Science Foundation	Properties of a New Class of Plasma Generated Electron	3/31/02	\$400,551
		Beams		
Jayasumana,M A Anura P	Electrical Engineering	Hardware Implementation of Space Data Link Control	1/1/99 -	99057001
	Mitech Corporation	Protocol	12/31/00	\$115,280
Menoni,Carmen S	Electrical Engineering	Nanolithography Using Diblock Co-polymer Masks	1/1/99 -	99056101
Grainger,David W	DOD-ARPA-Advanced Research Proj. Agency		12/31/02	\$681,984
Parkinson,Bruce Alan				
Mitkas,Pericles A	Electrical Engineering	Knowledge Discovery & Data Mining Using an	7/1/99 -	99060001
	PBB Systems, Inc.	Electrooptic Data Warehouse	6/30/01	\$350,000
Nassar,Carl R	Electrical Engineering	Software-Based Simulator for Carrier Interference	7/1/99 -	99067301
	CASI-Colorado Advanced Software Inst.	Multiple Access (CIMA)	6/30/00	\$40,000
Nassar,Carl R	Electrical Engineering	Spread Spectrum Multiple Access Based on Carrier	7/1/99 -	99070001
Jayasumana,M A Anura P	NSF - National Science Foundation	Interference	6/30/01	\$299,002
Rocca,Jorge J G	Electrical Engineering	Development of a 13 Nanometer Laser for Metrology of	1/1/99 -	99056001
	DOD-ARPA-Advanced Research Proj. Agency	Projection Lithography Optics at the Manufacturer's Site	12/31/01	\$750,000
Wilmsen,Carl W	Electrical Engineering	Vertical Cavity Surface Emitting Laser (VCSEL) Based	3/1/99 -	99054501
Mitkas,Pericles A	NSF - National Science Foundation	Free-Space Processing System for a Biomolecular	2/28/02	\$453,801
		Database Scanner		

Engineering - Proposals

				Key # \$Amount
Principal Investigator	Department/Sponsor	Title	Dates	
Zoughi,Reza	Electrical Engineering	Near-Field Microwave Direct Property Characterization	4/1/99 -	99076901
Qaddoumi,Nasser N	RLE Technologies	of Cement Based Materials	9/30/99	\$25,000
Zoughi,Reza	Electrical Engineering	Near-Field Microwave Nondestructive Testing Methods	4/1/99 -	99075501
Qaddoumi,Nasser N	Texas Research Institute (NTIAC)	for Detecting & Evaluating Flaws in Elastomer Components	9/30/99	\$23,333
Zoughi,Reza	Electrical Engineering	Nondestructive Evaluation of Composite Core Structures	4/1/99 -	99075401
Qaddoumi,Nasser N	Texas Research Institute (NTIAC)		9/30/99	\$23,333
Hittle,Douglas C	Mechanical Engineering	Development of a Simplified Methodology to Determine	4/1/99 -	99075101
	ASHRAE-Amer Soc. of Heat.- Refrig -Air	Heat Transfer Design Impacts Associated with Common..	9/30/00	\$150,020
Jacobs,Harold R	Mechanical Engineering	Interactive Thermal Fluids Laboratory	3/1/99 -	99076501
Tong,Timothy	NSF - National Science Foundation		2/28/01	\$100,000
Kirkpatrick,Allan T				
Peterson,Michael	Mechanical Engineering	Development of Alternative Transportation Pool Vehicles	1/1/99 -	99071001
	City of Fort Collins		1/1/00	\$11,320
Radford,Donald W	Mechanical Engineering	Testing & Analysis on the Atlas Maintenance Unit	12/1/98 -	99065901
	Univ. California-Los Alamos National Lab		11/30/99	\$14,033
Smith,Frederick W	Mechanical Engineering	Applications of the Virtual Finite Element Concept to	12/1/98 -	99066001
	Univ. California-Los Alamos National Lab	Fracture Simulations of High Explosives	10/31/00	\$142,777
Tong,Timothy	Mechanical Engineering	The Development of a Conceptual Design for a	1/25/99 -	99056201
Sutlive,Vinson	NASA-ARC-Ames Research Center	Microgravity Resistance Training Unit	1/25/00	\$95,000
Trenka,Andrew R	Mechanical Engineering	Recoup-An Industrial Ecology Program	3/1/99 -	99080501
	Colorado Dept Public Health & Environ		2/28/00	\$182,103

Liberal Arts - Proposals

Principal Investigator	Department/Sponsor	Title	Dates	Key # \$Amount
Van Buren, Mary L	Anthropology	Prehistoric & Early Colonial Silver Mining in Porco, Bolivia	8/15/99 -	99078601
	National Geographic Society		12/9/99	\$12,792
Frickman, Linda G	Art	Colorado International Invitational Poster Exhibition	9/1/99 -	99080401
	City of Fort Collins - Fort Fund		11/1/99	\$4,000
Hoffert, Robert W	Dean Of Liberal Arts	Educating Democracy: At Home & in the World	9/1/99 -	99054701
	NEH-DEP-Division of Education Programs		8/1/02	\$295,050
Slater, Michael D	Journalism & Technical Comm	Improving Alcohol Risk Communication	9/1/99 -	99060701
	HHS-NIH-National Institutes of Health		8/31/03	\$1,210,799
Burns, Morris U	Music, Theatre & Dance	Outdoor Café Theatre Season	6/23/99 -	99080001
	City of Fort Collins - Fort Fund		7/24/99	\$3,500
Gill, Ann M	Speech Communication	Program of Excellence	7/1/99 -	99065501
Vest, David	CCHE-Commission on Higher Education		6/30/04	\$491,350

Natural Resources - Proposals

				Key # \$Amount
Principal Investigator	Department/Sponsor	Title	Dates	
Hannah, Judith L	Earth Resources	POWRE: Re-Os Systematics & Geochronology in	7/1/99 -	99073701
	NSF - National Science Foundation	Continental Sedimentary Rocks - - A Pilot Study in the Morrison...	12/31/00	\$74,804
Magloughlin, Jerry F	Earth Resources	Deciphering Detailed Tectonic Histories Using Enhanced	7/1/99 -	99070601
	NSF - National Science Foundation	Sm-Nd Garnet Analysis	6/30/01	\$170,451
Stein, Holly J	Earth Resources	POWRE: Re-Os Dating of Fumaroles - - Bridging	7/1/99 -	99073601
	NSF - National Science Foundation	Historic & Pre-historic Time	12/31/00	\$74,962
Wohl, Ellen E	Earth Resources	Hydraulic Resistance of Large Woody Debris in Step	6/1/99 -	99068901
	NSF - National Science Foundation	Pool Channels	7/1/01	\$78,200
Wohl, Ellen E	Earth Resources	Quantitative Modeling of Stream Flow Hydrology &	6/1/99 -	99068801
	NSF - National Science Foundation	Energy Expenditure	7/1/01	\$101,023
Dyer, Archie A	Fish & Wildlife Biology	Program of Excellence	7/1/99 -	99064901
	CCHE-Commission on Higher Education		6/30/04	\$988,379
Johnson, Brett Michael	Fish & Wildlife Biology	Top-down Influences on Water Quality in Front Range	6/1/98 -	99056601
	N. Front Range Water Qlty Planning Assoc	Reservoirs	4/30/99	\$1,995
Kittel, Gwen M	Fish & Wildlife Biology	Interactive Community Characterization Abstracts for the	1/1/99 -	99078101
	DOI-USGS-Geological Survey	Colorado Riparian Communities CD-ROM	12/31/99	\$14,999
Lyon, Margarette J	Fish & Wildlife Biology	Survey for Lesquerella vicina	4/1/99 -	99080701
	Colorado State Parks/CO Natural Areas Pg		12/31/99	\$4,650
Noon, Barry R	Fish & Wildlife Biology	Trophic Interactions Among the European Green Crab,	6/1/99 -	99063401
	DOC-NOAA-Natl Oceanic & Atmospheric Admn	Invertebrates & Shore Birds in Elkhorn Slough National..	5/31/02	\$16,500
Spackman, Susan	Fish & Wildlife Biology	Status Survey for Gibben's Beardtongue (Penstemon	3/1/99 -	99080601
	Colorado State Parks/CO Natural Areas Pg	gibbensii)	3/15/00	\$4,917
Wunder, Michael B	Fish & Wildlife Biology	Small Mammal Monitoring at Pueblo Chemical Depot	1/1/99 -	99079101
	DOI-USFWS-Fish & Wildlife Service		12/31/04	\$505,120
Binkley, Daniel E	Forest Sciences	Dissertation Research: Controls on Recalcitrant N Pool	5/1/98 -	99069501
	NSF - National Science Foundation	Dynamics	5/1/00	\$7,550
Haas, Glenn E	Nat Res Recreation & Tourism	Natural Conference on Outdoor Recreation Capacity	10/1/98 -	99052401
	DOI-Bureau of Reclamation		11/30/99	\$5,000
Covich, Alan P	Natural Resource Ecology Lab	Serial Processing & Species Redundancy: Roles of	7/1/99 -	99077901
	NSF - National Science Foundation	Aquatic Fungi & Invertebrates in Stream Food Webs	6/30/03	\$406,088

Natural Resources - Proposals

Principal Investigator	Department/Sponsor	Title	Dates	Key # \$Amount
Gross,John E	Natural Resource Ecology Lab DOI-NPS-National Park Service	A Scientific Assessment of the Potential Effects of Rocky Mountain Goats on the Ecosystems of Rocky Mountain National..	4/1/99 - 3/31/00	99078901 \$98,731
Hanan,Niall P	Natural Resource Ecology Lab University of Nebraska	Carbon Dynamics in the Great Plains & Great Basin Regions Using Bowen Ratio Flux Measurements & Ecosystem Models	7/1/99 - 6/30/01	99062301 \$199,461
Ojima,Dennis				
Hobbs,N Thompson	Natural Resource Ecology Lab	Evaluating Conservation Subdivisions in Larimer County	1/1/99 -	99056301
Theobald,David M	Colorado Division of Wildlife		12/31/99	\$47,230
Parton,William J	Natural Resource Ecology Lab University of California	Geochemical & Biological Control of P Cycling in Lowland Amazonian Forest Soils	9/1/99 - 8/31/02	99070701 \$175,442
Parton,William J	Natural Resource Ecology Lab	Population & Environment on the U.S. Great Plains	8/1/99 -	99060901
Galvin,Kathleen	University of Texas		7/31/02	\$470,558
Paustian,Keith H	Natural Resource Ecology Lab	Aggregate Turnover Controls on Soil Organic Matter:	8/1/99 -	99078401
Elliott,Edward T	NSF - National Science Foundation	The Influence of Management & Mineralogy	7/31/02	\$597,541
Six,Johan W				
Paustian,Keith H	Natural Resource Ecology Lab USDA - US Department of Agriculture	Economically Optimal Spatial Scale: Implications for Implementation of Carbon Sequestration Policy	7/1/99 - 6/30/01	99076201 \$60,525
Wall,Diana H	Natural Resource Ecology Lab	The Role of Biodiversity at Soil & Sediment Interfaces	2/1/99 -	99064801
Adams,Gina A	USDA - US Department of Agriculture	for the Functioning of Critical Transition Zones	8/1/00	\$99,939
Paschke,Mark W	Rangeland Ecosystem Science	Browsing Effects on Dinitrogen Fixation by Actinorhizal	10/1/99 -	99066501
Binkley,Daniel E	USDA - US Department of Agriculture	Ceanothus Shrubs in Post-Fire Habitats	9/30/02	\$194,958

Natural Sciences - Proposals

				Key # \$Amount
Principal Investigator	Department/Sponsor	Title	Dates	
Bamburg,James R	Biochemistry & Molecular Bio	Regulation of NF-kB & Neuronal Survival by S100bb	7/1/99 -	99056501
Alexanian,Arshak R	Alzheimers Association		6/30/01	\$80,000
Curthoys,Norman P	Biochemistry & Molecular Bio	B.S. Degree Program in Biochemistry	7/1/99 -	99065601
	CCHE-Commission on Higher Education		6/30/04	\$813,000
Antolin,Michael F	Biology	Nuclear Gene Genealogies in a Haplodiploid Parasitoid	7/1/99 -	99077301
	NSF - National Science Foundation	Wasp	6/30/01	\$174,252
Medford,June I	Biology	Refinement & Assessment of a System for in vivo	1/29/99 -	99079601
	NSF - National Science Foundation	Imaging of Plants	1/28/01	\$99,623
Medford,June I	Biology	The Role of the SCHIZOID Gene in Shoot Development	7/1/99 -	99078201
	USDA - US Department of Agriculture		6/30/02	\$235,280
Moore,Janice K	Biology	Mainland-Island Patterns in Wild Turkey Intestinal	9/1/99 -	99077701
	NSF - National Science Foundation	Helminth Communities: Introduced Species as a Probe for	8/31/03	\$531,636
		Community...		
Packard,Mary Johnson	Biology	An Integrated Approach to Understanding Calcium	8/1/99 -	99078801
	NSF - National Science Foundation	Homeostasis in Avian Embryos	7/31/03	\$358,018
Reddy,Anireddy S N	Biology	Functional Analysis of U1-70K Protein & Novel	9/1/99 -	99077601
	USDA - US Department of Agriculture	Serine/Arginine-Rich Proteins that Interact with it in Pre-	8/31/02	\$299,408
		mRNA...		
Wen,Jun	Biology	Systematics & Biogeography of Corylus L. (the Hazelnut	6/1/99 -	99069101
	NSF - National Science Foundation	Genus, Betulaceae)	5/31/01	\$12,800
Wiens,John A	Biology	Climate Change & Migratory Wetland Birds: Integrating	1/1/00 -	99079001
Van Horne,Beatrice	NSF - National Science Foundation	the Effects of Climate Variability & Habitat...	12/31/02	\$448,013
Stein,Fredrick M	Center For Sci, Math & Tech Ed	Silicon Valley Telementoring Hub	6/1/99 -	99070801
	Hewlett Packard *		5/30/00	\$20,000
Bernstein,Elliot R	Chemistry	Covariance Mapping of Cluster Growth & Fragmentation:	7/1/99 -	99068701
	NSF - National Science Foundation	Titanium Oxide & Vanadium Oxide Cluster	6/30/02	\$532,471
Bernstein,Elliot R	Chemistry	Photo-Ion & Photo-Electron Covariance Mapping of	7/1/99 -	99075301
	DOE - US Department of Energy	Titanium Oxide & Vanadium Oxide Clusters	6/30/02	\$575,471
Fisher,Ellen R	Chemistry	Nanostructured Assemblies of Thermoelectric Composite	5/1/99 -	99071201
Dorhout,Peter K	DOD-NAVY-ONR-Office of Naval Research	Materials	4/30/02	\$315,088

Natural Sciences - Proposals

Principal Investigator	Department/Sponsor	Title	Dates	Key # \$Amount
Maciel,Gary E	Chemistry	Thin Films Studied by Nuclear Magnetic Resonance	11/1/98 -	99054901
Fisher,Ellen R	NSF - National Science Foundation		10/31/01	\$594,849
Parkinson,Bruce Alan				
Meyers,Albert I	Chemistry	A Convergent Total Synthesis of Halicholactone	6/1/99 -	99070301
	HHS-NIH-National Institutes of Health		5/31/01	\$51,176
Meyers,Albert I	Chemistry	Routes to Chiral Carbocyclic & Heterocyclic Compounds	7/1/99 -	99061001
	HHS-NIH-National Institutes of Health		6/30/03	\$1,139,032
Meyers,Albert I	Chemistry	Total Synthesis of Viridenomycin	7/1/99 -	99070401
	HHS-NIH-National Institutes of Health		6/30/01	\$51,176
Parkinson,Bruce Alan	Chemistry	New Approaches to Designing Polymers & Characterizing Their Interfaces for Electroluminescent Device...	4/30/99 -	99061801
Elliott,C Michael	DOD-ARMY-ARO-Army Research Office		4/29/04	\$1,051,773
Parkinson,Bruce Alan	Chemistry	Observation of Individual Catalytic Hydrodesulfurization Reactions with A Variable Temperature-Scanning...	7/1/99 -	99061901
	American Chemical Society		8/31/01	\$59,633
Shi, Yian	Chemistry	Asymmetric Synthesis with Chiral Dioxiranes	1/1/99 -	99084101
Lebsack, Vicki D	Dreyfus Foundation (Camille & Henry) *		1/1/04	\$60,000
Bieman,James M	Computer Science	Design Pattern Recognition & Measurement	6/1/99 -	99058401
	NSF - National Science Foundation		5/31/02	\$381,237
France,Robert	Computer Science	Domain-Specific Application Development	7/1/99 -	99058501
	NSF - National Science Foundation		6/30/02	\$320,058
France,Robert	Computer Science	Empirically-Guided Formal Analysis of Software Designs	9/1/99 -	99060601
	Florida Atlantic University		8/31/02	\$168,846
Howe,Adele	Computer Science	POWRE: Studying Planning for Robotics	1/1/00 -	99073501
	NSF - National Science Foundation		12/31/00	\$79,255
Najjar,Walid A	Computer Science	Adaptive Computing Systems Debugging & Profiling Tool (ADAPT)	7/1/99 -	99079701
Bohm,Anton Pedro Willem	KRI-Khoral Research, Inc.		12/30/02	\$624,594
Draper,Bruce				
Najjar,Walid A	Computer Science	DRAASTIC: Dynamically Reconfigurable Application Aware SysTem Integration & Compilation	7/1/99 -	99079801
Bohm,Anton Pedro Willem	University of California at Irvine		6/30/03	\$1,026,352
Draper,Bruce				
Seidman,Stephen B	Computer Science	Controlled Evaluation of Intelligent Systems	9/1/99 -	99070101
Whitley,L Darrell	NSF - National Science Foundation		8/31/04	\$837,602
Howe,Adele				

Natural Sciences - Proposals

Principal Investigator	Department/Sponsor	Title	Dates	Key # \$Amount
Seidman,Stephen B	Computer Science	Graduate Program in Computer Science	7/1/99 -	99065201
	CCHE-Commission on Higher Education		6/30/04	\$650,836
Vonmayrhauser,Anneliese	Computer Science	Evaluating Software Testing Efficiency & Effectiveness	2/1/99 -	99079901
	CASI-Colorado Advanced Software Inst.		1/31/00	\$34,573
Whitley,L Darrell	Computer Science	Robust Methods for Assembly Scheduling	7/1/99 -	99067201
	CASI-Colorado Advanced Software Inst.		8/31/00	\$39,865
Nededog,Arlene F	Dean Of Natural Sciences	Western Alliance to Expand Student Opportunities- Study Workshops in the Sciences	1/19/99 -	99073301
	Arizona State University		5/14/99	\$126
Sneider,Thomas W	Dean Of Natural Sciences	Meeting Future Needs by Cross-Disciplinary Undergraduate Research Training	9/1/99 -	99062001
	Arnold & Mabel Beckman Foundation		8/31/00	\$88,000
Dangelmayr,Gerhard H	Mathematics	Secondary & Higher Order Bifurcations in Symmetric Systems of PDEs	7/1/99 -	99073901
	NSF - National Science Foundation		6/30/02	\$162,618
Beauvais,Frederick	Psychology	Gambling Among American Indian Adolescents	9/1/99 -	99080101
	National Center for Responsible Gaming		8/31/01	\$172,442
James,Keith	Psychology	American Indian Environmental Science Center	8/1/99 -	99055201
Ward,Robert C	NSF - National Science Foundation		8/31/04	\$7,033,720
Givens,Geof H	Statistics	Completion of Equipment Purchase for Aboriginal Whaling Management Procedure (AWMP) Development	10/20/98 -	99058701
	DOC-NOAA-NMFS-Nat. Marine Fishery Srvc.		9/30/99	\$6,000

Vet. Medicine & Biomedical Sciences - Proposals

Principal Investigator	Department/Sponsor	Title	Dates	Key # \$Amount
Beam,Kurt G	Anatomy & Neurobiology	Structures Involved in Calcium Channel Gating	5/15/99 -	99077201
Wilkens,Christina M	HHS-NIH-National Institutes of Health		5/14/02	\$36,835
Handa,Robert J	Anatomy & Neurobiology	Estrogen Regulation of Hippocampal Development	8/1/99 -	99075601
	HHS-NIH-National Institutes of Health		7/31/02	\$50,532
Baxter,Gary M	Clinical Sciences	Effects of Glucosamine & Chondroitin Sulfate on Equine	9/1/99 -	99071401
Dechant,Julie E	American College of Veterinary Surgeons	Articular Cartilage Explants In Vitro	10/15/99	\$5,000
Billinghamst,R. Clark	Clinical Sciences	The Evaluation of a Matrix Metalloproteinase Inhibitor in	12/1/98 -	99063801
Mcilwraith,C Wayne	Bayer Corp / Ag - Animal Health Division	the Dog	11/30/01	\$863,160
Bright,Janice M	Clinical Sciences	A Randomized Investigation of the Effects of	7/1/99 -	99076001
Orton,E Christopher	Robert H. Winn (Winn Feline) Foundation	Pentoxifylline on Left Ventricular Performance & Clinical	6/30/01	\$12,996
Mama,Khursheed R		Status...		
Dernell,William S	Clinical Sciences	In Vivo Evaluation of Antibiotic Beads	7/1/99 -	99060801
	HHS-NIH-National Institutes of Health		6/30/02	\$269,150
Gionfriddo,Juliet R	Clinical Sciences	Veterinary Medical Data Base Award	9/1/98 -	99069601
	Purdue University		8/31/98	\$10,607
Greco,Deborah S	Clinical Sciences	Comparison of Glycemic Control in Diabetic Cats	7/1/99 -	99071901
	Robert H. Winn (Winn Feline) Foundation	Receiving Acarbose or Acarbose Combined with	6/30/00	\$15,000
		Vanadium Compounds		
Kawcak,Christopher E	Clinical Sciences	Assessment of Bone Sialoprotein & COL2-3/4C as	10/1/99 -	99080201
Billinghamst,R. Clark	AQHA-American Quarter Horse Assoc.	Markers of Bone & Cartilage Degradation	9/30/00	\$14,601
Mcilwraith,C Wayne				
Lappin,Michael R	Clinical Sciences	Treatment of Feline Cryptosporidiosis	7/1/99 -	99075801
	Robert H. Winn (Winn Feline) Foundation		6/30/00	\$15,000
Monnet,Eric	Clinical Sciences	Evaluation of Vascular Clip for Coronary Artery	11/7/98 -	99058201
	Elective Vascular Interventions, Inc.	Anastomosis: Chronic Study in Dogs	11/1/99	\$140,744
Monnet,Eric	Clinical Sciences	Effect of Exochelin on Smooth Muscle Proliferation in a	1/1/99 -	99079501
	Keystone Biomedical, Inc.	Porcine Model: Pilot Study	1/1/00	\$22,669
Turner,Anthony Simon	Clinical Sciences	Optimization of Cage Design for Lumbar Interbody	10/1/98 -	99057701
	Sofamor-Danek	Fusion with BMP II: A Study in Sheep	9/30/99	\$42,604
Nuckols,John R	Environmental Health	Agricultural Chemical Exposures & Childhood Cancer	4/1/99 -	99069001
	HHS-NIH-National Institutes of Health		3/31/01	\$143,740

Vet. Medicine & Biomedical Sciences - Proposals

Principal Investigator	Department/Sponsor	Title	Dates	Key # \$Amount
Reif,John S	Environmental Health Battelle Columbus Division	Canine Bladder Cancer Risk & Exposure to Chlorinated Water Disinfection By-products	12/1/98 - 11/30/99	99066301 \$40,000
Chatterjee,Delphi Mcneil,Michael R	Microbiology HHS-NIH-National Institutes of Health	Tuberculosis (TB) Lipoarabinomannan (LAM) & Arabinogalactan (AG): Structures Correlated with Biology	7/1/99 - 6/30/04	99062401 \$1,925,072
Higgs,Stephen	Microbiology University of California - San Diego	Mosquito Transformation with Novel Retroviral Vectors	7/1/99 - 6/30/02	99057501 \$260,725
Klein,Donald A Tengerdy,Robert	Microbiology NSF - National Science Foundation	Molecular Analysis of Introduced Fungi in the Rhizosphere	10/1/99 - 9/30/02	99077801 \$316,737
Linden,James C Henk,Linda Lou Karim,M Nazmul	Microbiology USDA - US Department of Agriculture	Enrichment of Spent Brewers Grains with Enzymes by Solid Substrate Fermentation	7/1/99 - 6/30/02	99078301 \$334,362
Orme,Ian M Frank,Anthony A	Microbiology HHS-NIH-National Institutes of Health	Animal Model Testing of Tuberculosis Drugs	8/17/99 - 8/16/06	99071301 \$3,744,606
Wilcox,Christine L Colgin,Mark	Microbiology HHS-NIH-National Institutes of Health	Effects of Signaling Pathways on Herpes Simplex Virus Type 1 Reactivation	5/1/99 - 4/30/01	99071801 \$78,404
Baker,Dale C	Pathology American Heart Association	Carboxylation Deficiency & Bleeding in Rambouillet Sheep: A Model to Examine Carboxylation	7/1/99 - 6/30/01	99067501 \$79,378
Burnett,Robert Craig Avery,Anne C	Pathology Robert H. Winn (Winn Feline) Foundation	Development of Molecular Diagnostics for Feline Lymphocytic Neoplasia	7/1/99 - 6/30/00	99075901 \$10,040
Thrall,Mary Anna	Pathology HHS-NIH-National Institutes of Health	Characterization of Feline Niemann-Pick Type C	9/30/99 - 9/29/04	99061601 \$1,019,057
Thrall,Mary Anna Connally,Heather E	Pathology Robert H. Winn (Winn Feline) Foundation	Efficacy of High Dose Fomepizole as an Antidote for Ethylene Glycol Intoxication in the Cat	7/1/99 - 6/30/00	99075701 \$8,717
Davy,Kevin Beske,Stacy Tucker,Alan	Physiology American Heart Association	Obesity & Arterial Structure & Function in Middle-Aged & Older Adults	7/1/99 - 6/30/01	99066901 \$36,000
Graham,James K Bowen,Richard A	Physiology HHS-NIH-National Institutes of Health	Cryopreservation of Sperm from Genetically-Altered Mice	8/1/99 - 7/31/02	99060501 \$797,131
Tamkun,Michael Hulme,Joanne Tracy	Physiology American Heart Association	Molecular Biology of Oxygen-Sensitive Potassium Channels in the Pulmonary Vasculature	7/1/99 - 6/30/01	99067601 \$69,175

Vet. Medicine & Biomedical Sciences - Proposals

Principal Investigator	Department/Sponsor	Title	Dates	Key # \$Amount
Tucker,Alan	Physiology	Temporal & Molecular Mechanisms of Acute Hypoxic	7/1/99 -	99067401
Engebreetsen,Barbara	American Heart Association	Pulmonary Vascular Responses & High Altitude Pulmonary Edema...	6/30/01	\$36,000

Other - Proposals

Principal Investigator	Department/Sponsor	Title	Dates	Key # \$Amount
Thayer,Paul	Center Educ Access & Outreach DE-Dept of Educa - Upward Bound Program	Colorado State University Upward Bound Program	6/1/99 - 5/31/04	99060301 \$2,268,685
Cook,Alicia Skinner	International Programs USIA-Educ Exchnng/Profess & Research Scho	Thematically Limited Projects for Regional Groups of International Visitors-Africa & Economic Development	2/22/99 - 7/31/99	99071101 \$358,371

Section III

**Awards Received
October - December 1998**

Agricultural Sciences - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Hoag,Dana Loyd	Agric & Resource Economics USDA-ARS-Agricultural Research Service	Develop New Economic Budgeting & Risk Assessment Components for GPFarm (Great Plains Framework for...	9/29/98 -	2025
			7/31/03	\$25,700
Hoag,Dana Loyd	Agric & Resource Economics USDA-ARS-Agricultural Research Service	Develop New Economic Budgeting & Risk Assessment Components for Great Plains Framework for Agricultural Resource...	9/29/98 -	8047
			7/31/03	\$25,700
Loomis,John B	Agric & Resource Economics USDA-USFS-Rocky Mtn. Rsrch Station - CO	Develop Updated & Improved Estimates of Recreation Values	8/26/97 -	8710
			9/30/99	\$16,160
Loomis,John B	Agric & Resource Economics	A Survey of Public Attitude Toward Fuel Treatment	12/22/98 -	8772
Rideout,Douglas B	USDA-USFS-Pacific SW	Policies	5/31/00	\$167,005
Omi,Philip N				
Seidl,Andrew F	Agric & Resource Economics	Confined Animal Feeding Operations Collaboration	10/1/98 -	5655
Davis,Jessica G	CCI - Colorado Counties, Inc.	Project	9/30/99	\$13,050
Belk,Keith	Animal Sciences	Recommended Aging Guidelines for Different Beef	8/31/98 -	5646
Smith,Gary C	Natl Cattlemen's Beef Association	Subprimal Cuts	12/31/98	\$3,000
Tatum,Joseph D				
Belk,Keith	Animal Sciences	Effectiveness of Using the HunterLab BeefCam System to	8/31/98 -	5649
Tatum,Joseph D	Natl Cattlemen's Beef Association	Sort Beef Carcasses Into Differing Product Lines...	8/30/99	\$99,460
Smith,Gary C				
Belk,Keith	Animal Sciences	National Pork Retail Microbiological Baseline	10/8/98 -	5656
Sofos,John N	National Pork Producers Council		10/31/00	\$23,520
Smith,Gary C				
Belk,Keith	Animal Sciences	Pork Consumer Preference Study: South Korea	11/1/98 -	5680
Sofos,John N	U.S. Meat Export Federation		6/15/99	\$56,630
Smith,Gary C				
Belk,Keith	Animal Sciences	Effects of Supplementing Feedlot Cattle with High Levels	3/16/98 -	8209
Geary,Thomas W	Roche	of Vitamin D3 on Plasma & Tissue Calcium	3/15/01	\$20,469
Smith,Gary C		Concentrations...		
Belk,Keith	Animal Sciences	Paper Pak Soaker-Pad Study	10/20/98 -	8214
Smith,Gary C	Paper Pak, Inc.		3/30/99	\$5,796
Bruemmer,Jason	Animal Sciences	Efficacy of Administration of Altrenogest to Delay	7/1/98 -	8213
Squires,Edward L	Hoechst-Roussel	Ovulation & its Effects on Fertility	10/1/98	\$20,249

*Sum of awards received October - December 1998.

Awards Received - 1

Agricultural Sciences - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Lamm,W Dennis	Animal Sciences Utah State University	Western SARE Professional Development Program	10/1/98 - 12/31/99	1305 \$9,700
Stanton,Tim L	Animal Sciences Zinpro Corporation	Effect of Type & Level of Copper & Zinc Supplemented in Presence of Antagonists on Pre- & Post-Transport...	10/1/98 - 6/30/00	8215 \$29,512
Peairs, Frank B Quick, James S	Bioagricultur Sci & Pest Mgmt Colorado Wheat Administrative Commission	Development of Winter Wheat Varieties Resistant to Russian Wheat Aphid	7/1/97 - 6/30/99	8304 \$15,000
Westra, Philip Nissen, Scott J	Bioagricultur Sci & Pest Mgmt Washington State University	National Jointed Goatgrass Extension Coordinator	4/1/97 - 3/31/01	1303 \$20,000
Westra, Philip	Bioagricultur Sci & Pest Mgmt Washington State University	Integrated Management Systems for Jointed Goatgrass in the Central Great Plains	4/1/97 - 3/31/01	1323 \$42,000
Westra, Philip	Bioagricultur Sci & Pest Mgmt Colorado Wheat Administrative Commission	Winter Annual Grass Weed Research in Wheat	7/1/97 - 6/30/99	8301 \$20,000
Pearson, Calvin H	Fruita Research Center Various "Non-Profit" Sponsors	Agronomic Research in Western Colorado	7/1/91 - 12/31/99	6667 \$4,500
Hughes, Harrison G	Horticulture & Landscape Arch USDA-ARS-Agricultural Research Service	Development of Cryopreservation Techniques for Application to the Germplasm of Grape	9/29/98 - 8/31/01	2046 \$40,000
Hughes, Harrison G	Horticulture & Landscape Arch USDA-ARS-Agricultural Research Service	Development of Cryopreservation Techniques for Application to the Germplasm of Grape	9/29/98 - 8/31/01	8016 \$40,000
Klett, James E	Horticulture & Landscape Arch Denver Water Department	Relationship Between Water Savings & Increased Tree Canopy within Denver, Colorado	12/1/98 - 3/15/99	5672 \$3,399
Klett, James E	Horticulture & Landscape Arch Various "Non-Profit" Sponsors	Flower Trial Garden	1/1/91 - 12/31/99	6636 \$1,000
Stushnoff, Cecil	Horticulture & Landscape Arch Potato Administration of Colorado	Application of FTIR Spectroscopy to Identify Potato Cultivars	7/1/97 - 6/30/99	8324 \$6,500
Thompson-Johns, Asunta L	Horticulture & Landscape Arch Potato Administration of Colorado	Nitrogen Management Investigation for New Cultivars	7/1/98 - 6/30/99	8338 \$2,500
Wallner, Stephen J	Horticulture & Landscape Arch USDA-ARS-Agricultural Research Service	Plant Germplasm Research - Roos	10/1/98 - 9/30/99	8042 \$36,464
Dillon, Merlin A	San Luis Valley Research Ctr Potato Administration of Colorado	Potato Breeding & Selection	7/1/98 - 6/30/99	8327 \$2,500

*Sum of awards received October - December 1998.

Agricultural Sciences - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Holm,David G	San Luis Valley Research Ctr	Potato Breeding & Selection	7/1/97 -	8320
	Potato Administration of Colorado		6/30/99	\$26,000
Holm,David G	San Luis Valley Research Ctr	Potato Cultivar Development for Northern Colorado	7/1/97 -	8336
	Potato Administration of Colorado		6/30/99	\$2,100
Zink,Richard T	San Luis Valley Research Ctr	Assessment of QBAs for Control of Potato Diseases	5/15/98 -	8216
Davidson,Robert D	Camas Technologies, Inc.		12/31/98	\$9,950
Barbarick,Kenneth A	Soil & Crop Sciences	Colorado Seed Growers	7/1/97 -	5177
	Colorado Seed Growers Association		6/30/98	\$2,758
Barbarick,Kenneth A	Soil & Crop Sciences	Application of Sewage Sludge to Dryland Wheat	1/1/93 -	5677
	City of Littleton		12/31/99	\$64,588
Barbarick,Kenneth A	Soil & Crop Sciences	Effects of Biosolids Application on Erosion Control &	10/1/98 -	5867
Redente,Edward F	EPA-Environmental Protection-Consol Res	Ecosystem Recovery	9/30/03	\$137,500
Cardon,Grant E	Soil & Crop Sciences	Evaluation of the Acid-buffering Capacity and Metal	10/1/95 -	0890
Kelly,Eugene F	Colorado Dept Public Health & Environ	Mobility of Southwest San Luis Valley..	12/31/98	\$133,720
Peterson,Gary A	Soil & Crop Sciences	Dryland Agroecosystems	9/29/98 -	2044
	USDA-ARS-Agricultural Research Service		5/31/03	\$70,000
Quick,James S	Soil & Crop Sciences	Sugarbeet Production Research (FY98)	10/1/98 -	8019
	USDA-ARS-Agricultural Research Service		9/30/99	\$85,945
Quick,James S	Soil & Crop Sciences	Seed Viability & Storage Research FY' 98	10/1/98 -	8041
	USDA-ARS-Agricultural Research Service		9/30/99	\$68,298
Quick,James S	Soil & Crop Sciences	Central Plains Resources Management Research	10/1/98 -	8045
	USDA-ARS-Agricultural Research Service		9/30/99	\$9,868
Quick,James S	Soil & Crop Sciences	Great Plains System Research Unit	10/1/98 -	8046
	USDA-ARS-Agricultural Research Service		9/30/99	\$23,790

*Sum of awards received October - December 1998.

Awards Received - 3

Applied Human Sciences - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Hickey,Matthew	Exercise & Sport Science Arizona State University	Study Workshops in the Sciences	9/15/98 -	3435
			9/14/99	\$378
Anderson,Jennifer E	Food Science & Human Nutrition University of Wisconsin	Independent Validation of the Core Food Security Measure with Asian & Pacific Islanders	6/1/98 -	1327
			6/30/99	\$47,973
Koziol,Christopher J	Mfg Tech & Constr Mgmt Colo Dept Higher Educ-Historical Society	Architectural Conservation Institute	10/31/98 -	0337
			4/1/00	\$98,307
Wolff,Birgit H	Mfg Tech & Constr Mgmt	Expanded Border Vehicle Emission Profile of On-The- Road Emissions: Mexicali, Mexico & Calexico, CA	9/1/98 -	5910
Bohren,Lenora	New Mexico State University		5/30/99	\$23,217
Schelly,Catherine L	Occupational Therapy Foothills Gateway Rehabilitation Center	Community Integrated Employment/ Partnerships in Employment through Natural Supports	7/1/98 -	5643
			1/31/99	\$50,725
Deniston,Terry L	School Of Education	NEW WAYS	10/1/98 -	0342
Sample,Pat L	Colorado Department of Human Service		12/31/98	\$25,000
Feller,Richard W	School Of Education C.D. of Ed./Comm. College & Occup. Ed.	Clearinghouse for Career, Equity & Labor Market	7/1/98 -	0316
			6/30/99	\$60,000
Ginsberg,Richard	School Of Education C.D. of Ed./Comm. College & Occup. Ed.	Project F.O.C.U.S.	7/1/98 -	0318
			6/30/99	\$60,000
Gloeckner,Gene	School Of Education C.D. of Ed./Comm. College & Occup. Ed.	Tech Prep Technical Assistance	7/1/98 -	0315
			6/30/99	\$40,000
Hollingsworth,Jay E	School Of Education C.D. of Ed./Comm. College & Occup. Ed.	Vocational Credentialing & Testing	7/1/98 -	0317
			6/30/99	\$66,046

*Sum of awards received October - December 1998.

Engineering - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Cox,Stephen K	Atmospheric Science NASA-Langley Research Center	Radiative Significance of Middle & Upper Tropospheric Clouds	4/1/98 - 3/31/99	1982 \$13,258
Cox,Stephen K	Atmospheric Science DOD-NAVY-ONR-Office of Naval Research	Observational & Modeling Studies in Support of the Atlantic Stratocumulus Transition..	3/1/91 - 4/30/99	2397 \$40,000
Demott,Paul J Kreidenweis-Dandy,Sonia M Rogers,David C	Atmospheric Science NSF-GEO-Geosciences	Ice Formation Processes in Upper Tropospheric Conditions	1/15/97 - 12/31/99	3147 \$170,000
Denning,A Scott Prihodko,Lara	Atmospheric Science NASA - Natl Aeronautics & Space Admin.	The Effects of Remotely-Sensed Data on Modeled Land Surface Atmosphere Interactions; Consequences . . .	9/1/98 - 8/31/99	1958 \$22,000
Denning,A Scott	Atmospheric Science University of Minnesota	Regional Forest-ABL Coupling: Influence on CO2 & Climate	7/1/98 - 12/31/98	3909 \$40,791
Denning,A Scott	Atmospheric Science University of California at Davis	Regional & Global Estimates of Terrestrial CO2 Exchange from National Institute for Global Environmental Change...	7/1/98 - 2/28/99	3911 \$11,351
Denning,A Scott	Atmospheric Science Tulane University	Regional & Global Estimation of Terrestrial CO2 Exchange from NIGEC Flux Data	7/1/98 - 6/30/99	9349 \$97,734
Fuller,Kirk A Kreidenweis-Dandy,Sonia M	Atmospheric Science NASA - Natl Aeronautics & Space Admin.	Modeled Aerosol Optical Properties From Measurement-Based Mixtures...	11/1/98 - 10/31/99	1966 \$100,000
Gray,William M	Atmospheric Science NSF-GEO-Geosciences	Climate Analysis & Extended Range Seasonal Prediction	10/1/97 - 10/31/00	3184 \$135,683
Gray,William M	Atmospheric Science DOE - US Department of Energy	On the Fundamental Role of Day Versus Night Radiation Differences on the Diurnal...	12/1/93 - 11/30/99	3808 \$60,000
Pielke,Roger A Nicholls,Melville E	Atmospheric Science Simpson Weather Associates, Inc.	CAMEX-3 Project	10/15/98 - 10/14/99	6074 \$30,000
Randall,David A	Atmospheric Science NASA-Langley Research Center	Interdisciplinary Science Investigation of Clouds & the Earth's Radiant Energy System	11/1/98 - 10/31/03	1968 \$150,000
Rogers,David C Demott,Paul J Kreidenweis-Dandy,Sonia M	Atmospheric Science NSF-GEO-Geosciences	Relations Between Ice Nuclei and Ice Formation in Clouds	1/15/98 - 12/31/00	3281 \$113,856
Rutledge,Steven A Stephens,Graeme L	Atmospheric Science NASA - Natl Aeronautics & Space Admin.	Validation Studies & Algorithm Refinement in Support of TRMM	6/1/97 - 5/31/00	1962 \$62,000

*Sum of awards received October - December 1998.

Awards Received - 5

Engineering - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Stephens,Graeme L	Atmospheric Science NASA - Natl Aeronautics & Space Admin.	Towards a Multisensor Approach to Improve on Current Tropical Rainfall Measurement Mission . . .	11/1/98 -	1960
			10/31/01	\$85,205
Ayers,Paul D	Chemical & Biores Engineering HHS-CDC-Occup Safety & Health (NIOSH)	ROPS Design & Testing for Agricultural Tractors	9/30/98 -	7616
			9/29/01	\$136,160
Loftis,Jim C	Chemical & Biores Engineering	Design of a Water Quality Monitoring Network - Big	6/1/98 -	5529
Ward,Robert C	N. Front Range Water Qlty Planning Assoc	Thompson Watershed	12/31/99	\$35,500
Loftis,Jim C	Chemical & Biores Engineering USDA-ARS-Agricultural Research Service	Water Management Research	10/1/98 -	8043
			9/30/99	\$108,180
Wickramasinghe,Ranil	Chemical & Biores Engineering Arizona State University	Design of High Flux Hollow Fiber Microfiltration	9/15/98 -	3437
			9/14/99	\$378
Cotton,William R	Cira	Center for Geosciences/Atmospheric Research Realtime	8/5/98 -	7431
Vonderhaar,Thomas H	DOD-ARMY	Boundary Layer Forecast Modeling	8/4/01	\$70,749
Rutledge,Steven A	Cira DOC-NOAA-Nat Climate Program Office	Analysis & Modeling of the Transport of Lightning- generated NOx & Other Chemical...	7/1/97 -	1231
			6/30/00	\$58,050
Vonderhaar,Thomas H	Cira DOD-NAVY-ONR-Office of Naval Research	Development of an Ocean Model Based Upon the Reduced System of Equations	10/1/91 -	2413
			9/30/99	\$40,000
Vonderhaar,Thomas H	Cira DOD-ARMY	Center for Geosciences/Atmospheric Research Technology Transfer	8/5/98 -	7400
			8/4/01	\$386,252
Vonderhaar,Thomas H	Cira DOD-ARMY	Center for Geosciences/Atmospheric Research Hydro- Meteorology	8/5/98 -	7410
			8/4/01	\$266,335
Vonderhaar,Thomas H	Cira DOD-ARMY	Center for Geosciences/Atmospheric Research Cloud Structure, Dynamics & Climatology	8/5/98 -	7420
			8/4/01	\$486,544
Vonderhaar,Thomas H	Cira DOD-ARMY	Center for Geosciences/Atmospheric Research N- Dimensional Data Assimilation & Fusion	8/5/98 -	7430
			8/4/01	\$526,786
Vonderhaar,Thomas H	Cira DOD-ARMY	Center for Geosciences/Atmospheric Research Chemistry, Aerosols & Visibility	8/5/98 -	7440
			8/4/01	\$151,589
Vonderhaar,Thomas H	Cira DOD-ARMY	Center for Geosciences/Atmospheric Research Remote Sensing of Battlespace Parameters	8/5/98 -	7450
			8/4/01	\$535,357
Abt,Steven R	Civil Engineering	Platte River Hydraulic Model Study	12/1/97 -	6285
Brisbane,Thomas E	Love & Associates, Inc.		4/15/99	\$8,800
Thornton,Christopher I				

*Sum of awards received October - December 1998.

Awards Received - 6

Engineering - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Abt,Steven R	Civil Engineering USDA-USFS-Rocky Mtn. Rsrch Station - CO	Bedload Transport Processes in Gravel- Bed Rivers	4/26/96 -	8760
			5/31/99	\$7,209
Bienkiewicz,Bogusz J	Civil Engineering Powerlight Corporation	Wind Engineering Study of Powerguard RT Roofing System	9/28/98 -	3904
			6/30/99	\$83,799
Carlson,Kenneth H	Civil Engineering Platte River Power Authority	Assessing the Impact of the use of Park Creek Reservoir Water on the Water Quality of Hamilton Reservoir	10/20/98 -	5657
			1/31/99	\$9,088
Carlson,Kenneth H	Civil Engineering American Water Works Assc. Research Fd.	Assessing the Impact of Steady-State & Surge Recycling on Process Performance	10/21/98 -	5670
			3/16/00	\$70,000
Carlson,Kenneth H	Civil Engineering CH2M Hill	Development of Implementation Protocols for the Integrated Disinfection Design Framework	11/1/98 -	6104
			3/31/00	\$80,060
Diaz,Gustavo Eugenio	Civil Engineering Colbun Machicura S.A.	Snow Monitoring in the Maule River Basin	1/15/98 -	5736
			3/15/99	\$2,500
Fontane,Darrell G	Civil Engineering DOD-ARMY-Corps of Engineers	Devil's Lake Water Quality Review	8/20/98 -	2301
			1/31/99	\$8,000
Fontane,Darrell G	Civil Engineering NATO-North Atlantic Treaty Organization	NATO Advanced Research Workshop: Decision Support Systems for Integrated River Basin Management & Shared Water ...	10/12/98 -	5744
			8/31/99	\$61,650
Gates,Timothy K	Civil Engineering Central Water Commission (India)	Flood Forecasting Study Tour & Training Course	10/15/98 -	5717
			12/31/98	\$14,781
Gessler,Daniel Abt,Steven R	Civil Engineering DOD-ARMY-Corps of Engineers	West Bay Addition to Head of Passes Model	10/26/98 -	2409
			12/31/98	\$34,563
Gessler,Daniel Abt,Steven R	Civil Engineering DOD-ARMY-Corps of Engineers	Extension of Head of Passes Model	10/26/98 -	2412
			3/31/99	\$27,965
Gessler,Daniel Abt,Steven R	Civil Engineering DOD-ARMY-Corps of Engineers	Analysis of Medora Crossing Dike Field with High Resolution Model	10/29/98 -	2420
			3/31/99	\$50,426
Grigg,Neil S	Civil Engineering John Hopkins University	Senior Technical Advisors in Residence (STAR)	11/16/93 -	9026
			9/30/99	\$133,986
Grigg,Neil S	Civil Engineering CID-Consortium for Inter. Development	Orissa Project	4/1/98 -	9230
			12/31/00	\$92,946
Gutkowski,Richard M	Civil Engineering North Dakota State University	North Front Range Transportation Research Internships	7/1/98 -	1065
			6/30/99	\$20,940

*Sum of awards received October - December 1998.

Awards Received - 7

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
			6/30/99	\$11,380
Gutkowski,Richard M	Civil Engineering North Dakota State University	Participation in TEL8	7/1/98 -	1093
			6/30/99	\$41,119
Gutkowski,Richard M	Civil Engineering North Dakota State University	Experimental Wood-Concrete Bridge Construction	7/1/98 -	1095
			6/30/99	\$37,560
Gutkowski,Richard M	Civil Engineering North Dakota State University	Effects of Environmental on Timber Railroad Bridge Members and Connections	7/1/98 -	1098
			6/30/99	\$27,518
Gutkowski,Richard M	Civil Engineering North Dakota State University	Composite Repair of Timber Railroad Bridges	7/1/98 -	9501
			6/30/99	\$30,883
Julien,Pierre Y	Civil Engineering	Center for Geosciences/Atmospheric Research	8/5/98 -	7411
Vonderhaar,Thomas H	DOD-ARMY	Hydrologic Modeling	8/4/01	\$114,655
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
			7/31/00	\$31,773
Ramirez,Jorge A	Civil Engineering Tulane University	Application of a Statistical Dynamical Water Balance Model to Regional Scale Integrated Impact Assessment of ...	7/1/98 -	3906
			6/30/99	\$88,229
Sanders,Thomas G	Civil Engineering NASA-Johnson Space Center	A Water Reuse System for Pike's Peak Colorado	11/30/98 -	1990
			11/30/99	\$22,185
Sanders,Thomas G Unknown 3	Civil Engineering DOI-NPS-National Park Service	Quantification of Federal Reserved Water Rights for National Park Purposes	10/1/92 -	2860
			3/30/99	\$228,008
Sanders,Thomas G	Civil Engineering Tembind America, Inc.	Pikes Peak Road Dust Research Project	8/28/98 -	6145
			8/27/99	\$8,787
Thornton,Christopher I Abt,Steven R	Civil Engineering Hydrotex Synthetics, Inc.	Hydraulic Testing of Erosion Controls Materials for Field Applications	4/15/98 -	6315
			12/31/98	\$6,855
Watson,Chester C Abt,Steven R	Civil Engineering DOD-ARMY-Corps of Engineers	DEC Monitoring Sites 1996-1998	12/22/95 -	2590
			4/1/99	\$131,805
Watson,Chester C	Civil Engineering Louisiana Hydroelectric, Ltd. Partnershi	Geomorphic Assessment of Lower Mississippi & Atchafalaya Rivers in Vicinity of Old River Complex	8/15/98 -	6055
			12/31/98	\$82,334
Azimi-Sadjadi,Mahmood R	Electrical Engineering DOD-NAVY-ONR-Office of Naval Research	A Biologically Inspired Adaptive Underwater Target Classification System	11/15/98 -	2426
			11/14/00	\$86,225

*Sum of awards received October - December 1998.

Awards Received - 8

Engineering - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Bringi,Viswanathan N	Electrical Engineering	Improving TRMM Ground Validation & Field Campaign	11/1/98 -	1965
Hubbert,John	NASA - Natl Aeronautics & Space Admin.	Goals Using Polarimetric Radar Analyses with In-Situ . . .	10/31/01	\$100,000
Chandrasekar,V	Electrical Engineering	TRMM Precipitation Radar & Microphysics:	12/1/98 -	1970
	NASA-Goddard	Interpretation & Precipitation Estimation	11/30/01	\$80,000
Chandrasekar,V	Electrical Engineering	Tropical Rainfall Measuring Mission Ground Validation	7/1/97 -	2719
	University of Iowa		6/30/00	\$20,000
Collins,George J	Electrical Engineering	Phased Rf Excitation of Plasmas - Industry Match for	5/1/95 -	6091
	Advanced Energy Industries, Inc. *	NSF Grant	6/30/98	\$8,000
Collins,George J	Electrical Engineering	New Excitation Sources for Ultra High Quality	2/1/97 -	6227
	NEDO(New Energy/Indus. Tech. Dev. Org.)	Amorphous Semi Conducting Filters	10/31/00	\$11,656
Menoni,Carmen S	Electrical Engineering	Fabrication of Defractive Micro-Optics	7/1/98 -	0344
	University of Colorado		6/30/99	\$15,000
Menoni,Carmen S	Electrical Engineering	Development of Instrumentation for Growth of Low	9/1/98 -	3557
Lee,Siu Au	NSF - Engineering Grant	Dimensional Nanostructures Using Molecular Beam	8/31/01	\$124,490
		Epitaxy & Laser...		
Menoni,Carmen S	Electrical Engineering	Fabrication of Defractive Micro- Optics	7/1/97 -	6275
	Ball Aerospace Systems *		6/30/99	\$10,000
Robinson,Gary Y	Electrical Engineering	Understanding Back Contact	11/2/97 -	9340
	Midwest Research Institute - NREL		11/1/99	\$6,821
Rocca,Jorge J G	Electrical Engineering	Diagnostics of Dense Plasmas with a Table-top Soft X-	11/15/97 -	3867
	DOE - US Department of Energy	Ray Laser	11/14/99	\$199,000
Alciatore,David	Mechanical Engineering	Office of Research & Development Sabbatical	6/1/98 -	1034
	Central Intelligence Agency		6/1/99	\$3,381
Carlile,Craig	Mechanical Engineering	Exploring Science & Engineering Career Opportunities	9/1/98 -	3875
Jackson,Elizabeth A	DOE-Oakridge Operations Office		5/31/99	\$60,000
Troxell,Wade O				
Edwards,Harry W	Mechanical Engineering	Industrial Assessment Center	10/1/97 -	9338
	University City Science Center		9/30/99	\$60,700
Hutcherson,Gary	Mechanical Engineering	Technical Proposal to Provide Project Management,	10/26/98 -	5651
Willson,Bryan D	American Gas Association	Engine Testing and Data Analysis/Correlation for the ...	12/31/99	\$209,682

*Sum of awards received October - December 1998.

Awards Received - 9

Engineering - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Kirkpatrick, Allan T	Mechanical Engineering	Improvements to SUNREL/SERIRES Computer Program	9/1/98 -	3907
	Midwest Research Institute - NREL		5/31/00	\$62,478
Kostrzewa, Michael F	Mechanical Engineering	Consulting Assistance with Energy Conservation Assessments of National Guard Facilities	10/7/98 -	2632
	Ogden Environmental and Energy Services		9/30/99	\$16,208
Troxell, Wade O	Mechanical Engineering	Testing Services to ADC Projects	3/12/98 -	6304
	Co-Create, Inc.		12/14/98	\$9,600
Wilbur, Paul J	Mechanical Engineering	Advanced Electric Propulsion Research	1/23/96 -	1927
	NASA-Lewis Research Center		9/9/99	\$49,906
Willson, Bryan D	Mechanical Engineering	Scope of Work & Cost Estimate for the Testing of	10/5/98 -	6064
Hutcherson, Gary	Woodward Governor Company *	Woodward Governor Company "Glow-Tech" Hardware	3/31/99	\$64,438
Willson, Bryan D	Mechanical Engineering	High Pressure, Late Cycle Pilot Fuel Gas Injection Project	10/23/98 -	6076
			Hutcherson, Gary	Enginuity International, Inc.

*Sum of awards received October - December 1998.

Awards Received - 10

Liberal Arts - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Slater,Michael D	Journalism & Technical Comm HHS-PHS-Drug Abuse Research Programs	Community Readiness and Media Prevention Campaigns	9/30/98 - 8/31/03	7614 \$511,422
Thaut,Michael H	Music, Theatre & Dance CCHE-Commission on Higher Education	Center for Biomedical Research in Music	7/1/98 - 6/30/99	0128 \$169,309
Swanson,Louis E. Jr	Sociology University of Kentucky	Relation between Risk Management Policy & Natural Resource Use	7/1/98 - 6/30/99	1331 \$15,000

*Sum of awards received October - December 1998.

Awards Received - 11

Natural Resources - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Bergersen, Eric P	Coop Fish & Wildlife Research Colorado Division of Wildlife	Listening Log	10/30/98 -	0338
			4/30/99	\$13,500
Elder, Kevin J	Earth Resources DOD-ARMY-Corps of Engineers	Snow Distribution & Runoff Forecasting, Kings River Basin, California	8/15/96 -	2322
			8/14/99	\$8,798
Macdonald, Lee H	Earth Resources USDA-USFS-Forest Research	Assessment of Cumulative Effects on the Eldorado National Forest	9/28/98 -	8751
			1/10/00	\$10,000
Stednick, John D	Earth Resources University of Wyoming	Interdisciplinary Approaches to Identification & Mitigation of NPS Water Quality Impacts	9/15/94 -	3467
			8/31/99	\$51,900
Wohl, Ellen E Sutton, Sally	Earth Resources NSF-GEO-Geosciences	Chemical Weathering in Granitic Channels of India & the United States	12/1/98 -	3558
			11/30/01	\$12,192
Flickinger, Stephen A	Fish & Wildlife Biology Colorado Division of Wildlife	Call Center	7/1/98 -	0297
			6/30/99	\$15,007
Grunau, Lee	Fish & Wildlife Biology USDA-USFS-Forest Research	Region 2 FY 99	10/1/98 -	8753
			9/30/99	\$24,960
Johnson, Brett Michael	Fish & Wildlife Biology N. Front Range Water Qlty Planning Assoc	Top-down Influences on Water Quality in Front Range Reservoirs	6/1/98 -	5653
			4/30/99	\$1,995
Kettler, Stephan M	Fish & Wildlife Biology The Nature Conservancy	Elemental Global Rankings & CCAs	8/15/98 -	5665
			3/30/99	\$2,994
Lyon, Margarette J	Fish & Wildlife Biology USDA-USFS-Forest Research	Uncompahgre National Forest Biological Survey	11/25/98 -	8762
			12/31/98	\$5,000
Noon, Barry R	Fish & Wildlife Biology USDA -USFS - Tahoe National Forest	Effectiveness Monitoring - Lake Tahoe Basin Watershed Assessment	11/12/98 -	8767
			9/30/99	\$25,000
Pague, Katherine E	Fish & Wildlife Biology Colorado Division of Wildlife	GOCO/DOW IV	7/1/97 -	0069
			11/30/98	\$8,000
Spackman, Susan	Fish & Wildlife Biology Rocky Mountain Field Institute, Inc.	Alpine Field Studies Seminar 1998	7/17/98 -	5662
			8/30/98	\$485
Wunder, Michael B	Fish & Wildlife Biology Colorado Department of Natural Resources	Zoological Survey of Nine Colorado State Parks	6/1/98 -	0303
			12/31/98	\$23,014
Bagley, Calvin F	Forest Sciences Colorado Department of Military Affairs	Army National Guard Cultural & Natural Resource Program Management - Off Campus	6/1/98 -	0271
			11/30/99	\$108,688

*Sum of awards received October - December 1998.

Awards Received - 12

Natural Resources - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
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	1829 \$59,920
Rideout, Douglas B	Forest Sciences DOI-NPS-National Park Service	Assessing Values at Risk in the United States from Wildland Fires	10/1/98 - 10/1/99	1838 \$17,238
Omi, Philip N				
Shaw, Robert B	Forest Sciences	Big Game Hunting Data Collection at Fort Drum, New York, ON CAMPUS	11/1/98 - 12/31/98	2487 \$655
Brozka, Robert J	DOD-ARMY-Fort Drum, New York			
Shaw, Robert B	Forest Sciences	Big Game Hunting Data Collection at Fort Drum, New York, OFF CAMPUS	11/1/98 - 12/31/98	2488 \$4,845
Brozka, Robert J	DOD-ARMY-Fort Drum, New York			
Shaw, Robert B	Forest Sciences DOD-ARMY	Intergovernmental Personnel Act (IPA) Contract for Frederick W. Boecher	11/26/98 - 11/25/00	2550 \$184,850
Shaw, Robert B	Forest Sciences DOD-ARMY	Intergovernmental Personnel Act (IPA) Contract for Timothy A. Blume	11/26/98 - 11/25/00	2552 \$157,098
Shaw, Robert B	Forest Sciences DOD-ARMY	Intergovernmental Personnel Act (IPA) Contract for Michael F. Flannery, Jr.	11/26/98 - 11/25/00	2558 \$177,699
Shaw, Robert B	Forest Sciences DOD-ARMY	Intergovernmental Personnel Act (IPA) Contract for Jamie Marie Higgins	11/26/98 - 11/25/00	2559 \$153,827
Shaw, Robert B	Forest Sciences	Integrated Training Area Management (ITAM) Program Management for Headquarters, U.S. Army Forces Command	9/14/98 - 9/14/99	7326 \$2,700
Brozka, Robert J	DOD-ARMY-Corps of Engineers			
Shaw, Robert B	Forest Sciences	Pollution Prevention & National Environmental Policy Act (NEPA) for Deputy Assistant Secretary for Army...	10/5/98 - 10/4/99	7330 \$141,950
Brozka, Robert J	DOD-ARMY-Corps of Engineers			
Shaw, Robert B	Forest Sciences	Land Condition Trend Analysis Field Support for Fort Bragg, North Carolina	12/10/98 - 11/9/99	7331 \$45,243
Brozka, Robert J	DOD-ARMY-Corps of Engineers			
Shaw, Robert B	Forest Sciences	Range XXI & Integrated Training Area (ITAM) Program Support for U.S. Army Environmental Center	1/4/99 - 1/3/00	7332 \$165,894
Bagley, Calvin F	DOD-ARMY-Corps of Engineers			
Shaw, Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	Natural & Cultural Resource Conservation & Resource Management	7/9/98 - 7/8/03	8880 \$263,416
Shaw, Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	Environmental Management Administration	9/14/95 - 6/30/00	8900 \$7,498

*Sum of awards received October - December 1998.

Natural Resources - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	Support for Fog Oil Obscurant Effects Analysis & Risk Assessment Research	9/14/95 - 6/30/00	9076 \$14,099
Shaw,Robert B Bagley,Calvin F	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	Demonstration/Validation of Improved Vegetative & Slope Length-Steepness Factors	9/14/95 - 6/30/00	9111 \$15,996
Shaw,Robert B Bagley,Calvin F	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	Support for Fog Oil Obscurant Effect Analysis & Risk Assessment Research	9/14/95 - 6/30/00	9112 \$14,099
Shaw,Robert B Brozka,Robert J	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	Army Range Program Integration Support at the Training Directorate, Office of Deputy Chief of Staff/Operations Plans	9/14/95 - 6/30/00	9113 \$113,047
Shaw,Robert B Brozka,Robert J	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	Environmental Awareness Field Cards and Posters for Germany	9/14/95 - 6/30/00	9114 \$17,370
Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	Integrated Training Area Management Program Support at Fort Polk, Louisiana	9/14/95 - 6/30/00	9115 \$63,861
Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	Endangered Species Management Plans for Missouri National Guard	9/14/95 - 6/30/00	9116 \$12,655
Haas,Glenn E	Nat Res Recreation & Tourism DOI-Bureau of Reclamation	Natural Conference on Outdoor Recreation Capacity	10/1/98 - 11/30/99	1813 \$5,000
Wells,Marcella D	Nat Res Recreation & Tourism W.M.B. Berger Foundation	Environmental Learning Center Youth Ranger Corps	12/1/98 - 11/13/99	5491 \$20,000
Coughenour,Michael B	Natural Resource Ecology Lab University of California at Davis	Integrated Modeling & Assessment for Balancing Food Security, Conservation & Ecosystem...	7/31/97 - 9/30/00	9005 \$180,067
Coughenour,Michael B Galvin,Kathleen	Natural Resource Ecology Lab University of California at Davis	Integrated Modeling & Assessment for Balancing Food Security, Conservation, & Ecosystem Integrity	7/31/97 - 9/30/00	9006 \$169,933
Elliott,Edward T Paustian,Keith H	Natural Resource Ecology Lab University of Nebraska	Agroecosystem Boundaries & C Dynamics with Global Change in the Central United States	7/1/98 - 6/30/01	9348 \$123,396
Galvin,Kathleen Ellis,James	Natural Resource Ecology Lab DOC-NOAA-Natl Oceanic & Atmospheric Admn	Uses of Climate Forecast Information in the Livestock Sector of the Arid Regions of South Africa	7/1/98 - 6/30/01	1281 \$106,822
Ojima,Dennis	Natural Resource Ecology Lab UCAR-NCAR-Nat Ctr for Atmospheric Res	Integrated Nitrogen Cycle Analysis of Land Use Practices in the U.S. & China	9/1/96 - 8/31/99	3430 \$46,793
Ojima,Dennis	Natural Resource Ecology Lab University of Nebraska	Land Use & Climate Change Impacts on Carbon Fluxes (LUCCI)	7/1/98 - 6/30/99	3910 \$80,000

*Sum of awards received October - December 1998.

Awards Received - 14

Natural Resources - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Ojima,Dennis	Natural Resource Ecology Lab	Ecological, Climatic, Economic, & Socio-Cultural	7/1/98 -	9347
Parton,William J	University of Nebraska	Drivers of Land-Use Changes in...	6/30/01	\$80,000
Paustian,Keith H	Natural Resource Ecology Lab	Research in Agricultural Sciences	10/1/98 -	8017
	USDA-ARS-Agricultural Research Service		9/30/99	\$66,332
Wall,Diana H	Natural Resource Ecology Lab	Development of User-Friendly Graphical Interfaces for	4/1/98 -	3658
Burke,Ingrid C	New Mexico State University	Ecological Simulation Models	7/31/99	\$84,761
Lauenroth,William K				
Wall,Diana H	Natural Resource Ecology Lab	Biodiversity Above & Below the Surface of Soils &	9/1/98 -	5480
	Winslow Foundation	Sediments; Mechanisms, Implications for Ecosystem	8/31/99	\$45,000
		Services & Global...		
Bartlett,Ellsworth T	Rangeland Ecosystem Science	Range-Watershed Training for Native Americans	5/23/94 -	8756
Smith,Freeman M	USDA-USFS-Rocky Mtn. Rsrch Station - CO		9/30/98	\$20,000
Burke,Ingrid C	Rangeland Ecosystem Science	Long Term Ecological Research Program: Shortgrass	2/1/97 -	3033
Lauenroth,William K	NSF-Biological Centers	Steppe	1/31/03	\$560,000
Child,Dennis R	Rangeland Ecosystem Science	Agricultural Research Internships for Early Career South	9/30/96 -	2087
	USDA-ARS-Agricultural Research Service	African Scientists	9/29/01	\$121,975
Child,Dennis R	Rangeland Ecosystem Science	Ecological Plant Classification & Monitoring	9/23/97 -	8730
	USDA-USFS-Rocky Mtn. Rsrch Station - CO		3/31/00	\$27,300
Child,Dennis R	Rangeland Ecosystem Science	Ecological Classification of Riparian Ecosystem & Seral	5/18/98 -	8857
	USDA-USFS-Rocky Mtn. Rsrch Station - CO	Communities	1/15/99	\$9,100
Milchunas,Daniel G	Rangeland Ecosystem Science	The Role of Natural Grazing Refuges in Grassland	10/1/97 -	5705
	U.S.-Israel Binational Science Found.	Biodiversity	9/30/00	\$11,250
Redente,Edward F	Rangeland Ecosystem Science	Reclamation Plan for Summitville Super Fund Site	6/1/95 -	0796
	Colorado Dept Public Health & Environ		6/30/02	\$69,603
Redente,Edward F	Rangeland Ecosystem Science	Cooperative Work/Education Agreement for Etienne	10/1/98 -	2437
	DOD-ARMY-CERL-Const. Engineer. Res. Lab.	Johnson	9/30/99	\$18,580
Redente,Edward F	Rangeland Ecosystem Science	Cooperative Work/Education Agreement for Dafna Reiner	6/1/98 -	7386
	DOD-ARMY-CERL-Const. Engineer. Res. Lab.		9/30/99	\$18,580
Redente,Edward F	Rangeland Ecosystem Science	Cooperative Work/Education Agreement for Holly Zadeh	6/1/98 -	7387
	DOD-ARMY-CERL-Const. Engineer. Res. Lab.		9/30/99	\$18,580

*Sum of awards received October - December 1998.

Awards Received - 15

Natural Resources - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Rittenhouse,Larry R	Rangeland Ecosystem Science USDA-USFS-Forest Research	Ecological Classification for the Shortgrass Prairie Ecosystem	9/30/96 - 12/31/99	8765 \$23,000
Rittenhouse,Larry R Kelly,Eugene F	Rangeland Ecosystem Science USDA-USFS-Forest Research	Vegetation & Soils of the Comanche National Grasslands	6/28/95 - 12/31/99	8830 \$4,000
Rittenhouse,Larry R	Rangeland Ecosystem Science CID-Consortium for Inter. Development	Turkey East Anatolia Watershed Rehabilitation Project, Overseas Training Component	10/25/98 - 11/8/98	9231 \$7,765

*Sum of awards received October - December 1998.

Awards Received - 16

Natural Sciences - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Nyborg, Jennifer K	Biochemistry & Molecular Bio HHS-NIH-NCI-National Cancer Institute	Tax Dereglulation of Gene Expression Through CBP	1/1/99 -	7646
			12/31/03	\$237,919
Nyborg, Jennifer K	Biochemistry & Molecular Bio HHS-NIH-NCI-National Cancer Institute	Transcriptional Regulation by the HTLV I Tax Protein	12/15/93 -	7782
			11/30/02	\$232,421
Paule, Marvin R	Biochemistry & Molecular Bio HHS-PHS-Genetics Research	RNA Polymerase III Transcription Regulation Mechanism	2/1/79 -	7674
			12/31/99	\$170,824
Paule, Marvin R	Biochemistry & Molecular Bio HHS-PHS-Genetics Research	RNA Polymerase I Transcription & Regulation Mechanisms	4/1/79 -	7720
			12/31/99	\$259,117
Stargell, Laurie A	Biochemistry & Molecular Bio March of Dimes	Mechanisms of Transcriptional Activation in Vivo	2/1/98 -	5458
			1/31/00	\$50,000
Stargell, Laurie A	Biochemistry & Molecular Bio HHS-PHS-Genetics Research	Genetic Analysis of Transcription Initiation	1/1/98 -	7781
			12/31/02	\$199,731
Antolin, Michael F	Biology USDA-APHIS-Animal Damage Control	Paternity Analysis of Prairie Dogs	8/27/98 -	2023
			8/26/99	\$10,000
Antolin, Michael F	Biology	DNA Paternity Analysis of Prairie Dog Populations	11/1/98 -	5661
Andelt, William F	City of Fort Collins		6/30/99	\$1,500
Bedinger, Patricia A	Biology USDA-CSRS-CGP-Competitive Grants Program	Analysis & Cloning of Male Sterility Genes	11/15/98 -	1359
			11/30/00	\$175,000
Wiens, John A	Biology EPA - Environmental Protection Agency	Methodologies for Extrapolating from Local to Regional Ecosystem Scales: Scaling Functions &...	10/1/98 -	5866
			9/30/01	\$581,519
Wright, William G	Biology USDA-APHIS-Ag & Plant Health Insp Srvc	Development of Brown Tree Snake Baits & Repellents	10/1/98 -	2026
			9/30/99	\$52,492
Bruckhart, Glenn	Center For Sci, Math & Tech Ed Michigan State University	Connected Math Projects Program	6/1/96 -	3403
			8/31/99	\$23,970
Stein, Fredrick M	Center For Sci, Math & Tech Ed PETE-Partnership for Environmental Techn	Pollution Prevention in General Chemistry	10/1/96 -	5900
			3/31/99	\$40,000
Stein, Fredrick M	Center For Sci, Math & Tech Ed Hewlett Packard *	Telementoring Program	10/5/98 -	6041
			5/31/99	\$77,096
Anderson, Oren P	Chemistry Research Corporation / Foundation	X-ray Diffraction Studies of Protein Structure	12/31/98 -	5485
			12/30/99	\$25,000

*Sum of awards received October - December 1998.

Awards Received - 17

Natural Sciences - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Barisas,B George	Chemistry U.S.-Israel Binational Science Found.	Biophysical Investigations of Fc Epsilon RI-MAFA Interactions	9/1/97 -	5703
			8/31/00	\$6,900
Dorhout,Peter K	Chemistry Arizona State University	Developing CD Rom for Teaching Solid State Chemistry	9/15/98 -	3438
			9/14/99	\$378
Elliott,C Michael	Chemistry DOE - US Department of Energy	Studies of Intramolecular Photoinduced Charge Separation & Donor-Acceptor Interaction...	9/15/97 -	3837
			1/14/01	\$120,000
Finke,Richard G	Chemistry HHS-PHS-Diabetes, Endocrin. & Metab. Res	B12 Dependent Ribonucleotide Reductase Metallochemistry	7/1/79 -	7655
			3/31/99	\$56,533
Fisher,Ellen R	Chemistry NSF-MPS-Mathematical & Physical Sciences	Investigation of Plasma Deposition & Etching Mechanisms for Silicon-Based Materials	7/1/98 -	3560
			6/30/01	\$142,000
Kelley,David F	Chemistry DOE - US Department of Energy	Electron Transfer Dynamics at Semiconductor Nanocluster Interfaces	9/25/96 -	3801
			10/31/99	\$105,000
Maciel,Gary E	Chemistry Eastman Chemical Co.	Nuclear Magnetic Resonance (NMR) Studies of the Methylaluminumoxane (MAO)/Silica System	9/1/98 -	6018
			1/31/00	\$27,000
Maciel,Gary E	Chemistry Cabot Power Corp.	NMR Studies of Carbon Blacks	7/1/98 -	6093
			6/30/99	\$81,543
Martin,Charles R	Chemistry DOD-NAVY-ONR-Office of Naval Research	Electrochemical & Optical Investigations of Nanostructure Ensembles	10/1/90 -	2391
			9/30/99	\$105,460
Strauss,Steven H	Chemistry Electrox, Inc.	Quantitative Determination & Removal of Perfluoroalkylsulfonates and Related Species from Water	9/15/98 -	6046
			9/15/99	\$156,333
Williams,Robert M	Chemistry HHS-PHS-NCI-Cancer Treatment Center	Total Synthesis & Biosynthesis of Bioactive Substances	1/15/97 -	4433
			12/31/00	\$186,733
Howe,Adele	Computer Science	Exploiting Problem Structure in Scheduling	4/1/97 -	2346
Whitley,L Darrell	DOD-ARPA-Advanced Research Proj. Agency		12/31/99	\$116,431
Oldehoeft,Rodney R	Computer Science Univ. California-Los Alamos National Lab	LANL Agreement for Dr. Oldehoeft	7/1/97 -	3998
			6/30/99	\$194,992
Kirby,Michael J	Mathematics	A Reductionist Approach to Process Discovery	12/1/98 -	2423
Miranda,Henry P	DOD-USAF-Office of Scientific Research		11/30/01	\$49,913
Kirby,Michael J	Mathematics Honeywell Corporation	Honeywell Asset Analysis	5/22/98 -	6322
			5/21/99	\$125,000

*Sum of awards received October - December 1998.

Awards Received - 18

Natural Sciences - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Mcguire,Gary M	Mathematics	Algebraic Coding Theory, Incidence Geometry & Designs	11/12/98 -	2433
	DOD-NSA-Mathematical Sciences Grants		11/11/00	\$13,000
Poore,Aubrey B	Mathematics	Multi-Dimensional Assignment Techniques for Mobile Target Engagement	4/1/97 -	2347
	DOD-USAF-Air Force		12/31/99	\$135,000
Poore,Aubrey B	Mathematics	Target Tracking Feasibility Study	11/1/98 -	2398
	DOD-NAVY-ONR-Office of Naval Research		9/30/00	\$88,000
Poore,Aubrey B	Mathematics	Multitarget Tracking on Parallel Processors	5/6/91 -	6662
	I.B.M. *		12/31/97	\$76
Lee,Siu Au	Physics	Development of Instrumentation for Growth of Low Dimensional Nanostructures Using Molecular Beam Epitaxy & Laser...	9/1/98 -	3559
Menoni,Carmen S	NSF - Engineering Grant		8/31/01	\$118,800
Patton,Carl E	Physics	High Frequency Properties of Ferrite Films for Microwave & Millimeter Wave Devices	10/1/93 -	2329
	DOD-NAVY-ONR-Office of Naval Research		9/30/99	\$120,000
Patton,Carl E	Physics	Microwave & Brillouin Light Scattering Study of Magnetic Envelope Solitons	6/20/97 -	5734
	NATO-North Atlantic Treaty Organization		7/7/00	\$4,076
Patton,Carl E	Physics	Microwave Magnetic Solitons in Ferrite Films - Physics & Devices for Radar, Electronic Countermeasures & Surveillance	7/1/98 -	7388
	DOD-ARMY-ARO-Army Research Office		9/30/01	\$80,000
She,Chiaoyao	Physics	Improved Continuing Lidar Observation & Geophysical Study of the Mesopause Region	1/1/98 -	3270
Krueger,David A	NSF-GEO-Geosciences		12/31/99	\$120,000
Sites,James R	Physics	Device Physics of Thin-Film Polycrystalline Solar Cells	1/20/98 -	9343
	Midwest Research Institute - NREL		1/19/01	\$32,129
Beauvais,Frederick	Psychology	Drug Use Among Young Indians: Epidemiology & Prediction	9/1/83 -	4616
	HHS-PHS-Drug Abuse Research Programs		11/30/99	\$526,143
Edwards,Ruth W	Psychology	Preventing Intimate Violence in Rural Minority Communities	9/1/96 -	4425
	HHS-CDC-Environ. Hlth & Injury Control		8/31/99	\$235,499
Oetting,Eugene R	Psychology	Tri-Ethnic Center for Prevention Research	9/1/95 -	4608
	HHS-PHS-Drug Abuse Research Programs		4/30/99	\$50,000
Bowden,David C	Statistics	Research Design	11/9/98 -	0341
	Colorado Division of Wildlife		6/30/99	\$28,125

*Sum of awards received October - December 1998.

Awards Received - 19

Natural Sciences - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Davis, Richard A	Statistics USDA-ARS-Agricultural Research Service	ARS Task Order T-9-5402-002	10/1/98 - 9/30/99	8018 \$12,540
Davis, Richard A	Statistics USDA-USFS-Forest Research	Small Area Estimation Techniques	12/18/98 - 9/30/99	8764 \$18,000
Givens, Geof H	Statistics North Slope Borough (Alaska)	Optimization Methods for Bowhead Aboriginal Whaling Management Procedures	8/15/98 - 6/30/99	5679 \$54,081

*Sum of awards received October - December 1998.

Awards Received - 20

Vet. Medicine & Biomedical Sciences - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Dudek,F Edward	Anatomy & Neurobiology DOD-USAF-Office of Scientific Research	Membrane Properties & Neural Circuits of the Suprachiasmatic Nucleus	7/1/96 - 6/30/99	2307 \$24,783
Dudek,F Edward	Anatomy & Neurobiology HHS-PHS-Biol Basis Research in Neurosci	Local Interactions Between Hippocampal Neurons-- Supplement Underrep Minority GRA	12/1/87 - 5/31/99	4489 \$24,274
Dudek,F Edward	Anatomy & Neurobiology American Heart Association	Synaptic Reorganization After Cerebral Ischemia	7/1/97 - 6/30/99	5176 \$28,759
Kinnamon,Sue C	Anatomy & Neurobiology University of Miami	The Molecular Physiology of Glutamate in Taste	9/1/95 - 8/31/99	4302 \$98,997
Billinghurst,R. Clark Mcilwraith,C Wayne	Clinical Sciences Bayer Corp / Ag - Animal Health Division	The Evaluation of a Matrix Metalloproteinase Inhibitor in the Dog	12/1/98 - 11/30/01	6336 \$863,160
Dernell,William S	Clinical Sciences University of Colorado	In Vivo Evaluation of Doxoform in a Mouse Mammary Carcinoma Model	12/1/97 - 8/31/99	5367 \$7,483
Dernell,William S	Clinical Sciences Morris Animal Foundation	Drug Resistance Demonstrated by Uptake of Technetium- 99M-Sestamibi in Canine Osteosarcoma	12/1/98 - 11/30/99	5486 \$22,255
Gionfriddo,Juliet R	Clinical Sciences Purdue University	Veterinary Medical Data Base Award	9/1/98 - 8/31/99	5684 \$9,712
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	11/1/98 - 12/31/01	6061 \$84,700
Hellyer,Peter W Wagner,Ann E Mama,Khursheed R	Clinical Sciences Morris Animal Foundation	The Effect of Diazepam on Opid-Induced Analgesia in the Dog	12/1/98 - 11/30/99	5487 \$23,196
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	12/15/98 - 4/30/99	6118 \$6,000
Mcilwraith,C Wayne Frisbie,David D	Clinical Sciences Ancea AG	The Use of Chondrocyte Composite Grafting Techniques to Augment Healing Large Articular Defects in Exercising...	2/1/98 - 12/31/98	6294 \$23,615
Monnet,Eric	Clinical Sciences Elective Vascular Interventions, Inc.	Evaluation of Vascular Clip for Coronary Artery Anastomosis: Acute Study in Dogs	9/29/98 - 11/15/98	6043 \$11,275
Monnet,Eric	Clinical Sciences Elective Vascular Interventions, Inc.	Evaluation of Vascular Clip for Coronary Artery Anastomosis: Chronic Study in Dogs	11/1/98 - 11/1/99	6079 \$140,744

*Sum of awards received October - December 1998.

Vet. Medicine & Biomedical Sciences - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Monnet,Eric	Clinical Sciences Keystone Biomedical, Inc.	Effect of Exochelin in a Canine Model of Myocardial Infarction	8/10/98 -	6335
			8/10/99	\$39,306
Ogilvie,Gregory K	Clinical Sciences Bayer Corp / Ag - Animal Health Division	Determination of the Efficacy of MMPI for the Treatment of Osteosarcoma...	7/10/96 -	6218
			6/30/00	\$814,178
Turner,Anthony Simon	Clinical Sciences EBI-Electro-Biology, Inc.	Effect of Silver vs Uncoated External Fixation Pins	10/1/98 -	6022
			10/1/99	\$31,975
Turner,Anthony Simon	Clinical Sciences Howmedica	Effectiveness of Bone Repair Agents in An Osteopenic Sheep Model	8/25/97 -	6032
			12/31/99	\$30,357
Turner,Anthony Simon	Clinical Sciences Sofamor-Danek	Optimization of Cage Design for Lumbar Interbody Fusion with BMP II: A Study in Sheep	10/26/98 -	6060
			10/26/99	\$42,604
Turner,Anthony Simon	Clinical Sciences Heska Corporation (Paravax) *	Force-Plate Evaluation of a New Analgesic Agent for Osteoarthritis of the Canine Stifle Joint	11/1/98 -	6078
			1/1/00	\$55,342
Turner,Anthony Simon	Clinical Sciences Sulzer Innotec, Winterthur, Switzerland	Disc Replacement Therapy Following Intervertebral Disc Degeneration: A Pilot Study in Sheep	9/22/98 -	6094
			7/22/98	\$36,701
Turner,Anthony Simon	Clinical Sciences Atrix, Inc.	Evaluation of Safety & Efficacy of Atrigraft in Lumbar Interbody Fusion: A Study in Sheep	12/1/98 -	6109
			11/30/99	\$47,737
Turner,Anthony Simon	Clinical Sciences Sulzer Innotec, Winterthur, Switzerland	Disc Replacement Therapy: A Pilot Study in Sheep	7/24/97 -	6265
			8/1/98	\$6,031
Turner,Anthony Simon	Clinical Sciences Howmedica	Effectiveness of Calcium Phosphate Cement for Vertebral Body Strengthening in an...	9/1/97 -	6269
			1/31/99	\$16,035
Turner,Anthony Simon	Clinical Sciences State University of New York	Augmentation of Trabecular Bone by Low Magnitude Strain	12/1/96 -	7511
			11/30/99	\$116,261
Bigelow,Philip L	Environmental Health	Intervention Studies for Construction Safety & Health	9/30/97 -	7606
Herron,Robert E	HHS-CDC-Occup Safety & Health (NIOSH)		9/29/00	\$196,251
Buchan,Roy M	Environmental Health DOL-OSHA-Occupa. Safety & Health Admin.	Occupational Health & Safety Consultation Program	10/1/97 -	1036
			9/30/99	\$538,000
Nuckols,John R	Environmental Health HHS-CDC-Centers for Disease Control	Translation Services at the International Symposium Held in Puebla, Mexico	9/30/98 -	7645
			12/31/98	\$2,500
Salman,M D	Environmental Health USDA-Foreign Agricultural Service	Epidemiology of Vesicular Stomatitis in the W. Hemisphere: An Extension of Current...	9/1/98 -	2019
			9/30/00	\$43,531

*Sum of awards received October - December 1998.

Vet. Medicine & Biomedical Sciences - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Salman,M D	Environmental Health Nat'l Council Pet Population Study/Policy	Factors Associated with Relinquishment of Dogs & Cats	1/1/95 - 12/31/98	5032 \$25,000
Salman,M D	Environmental Health Morris Animal Foundation	Persistence of Vesicular Stomatitis Virus & Factors Associated with Recurrence of Disease	11/1/98 - 10/31/01	5483 \$38,651
Salman,M D	Environmental Health Teachers of Veterinary Public Health	Training Programs in Veterinary Epidemiology	1/1/94 - 12/31/98	5537 \$5,025
Beaty,Barry J Blair,Carol D	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	Mosquito Reservoirs for Bunyavirus Transeasonality	3/1/92 - 12/31/02	4474 \$195,890
Belisle,John T	Microbiology University of Colorado Health Sci Ctr	A Novel Class of Phospholipases- Molecular Pathogenesis	9/1/98 - 8/31/03	4329 \$12,164
Brennan,Patrick Joseph Besra,Gurdyal Singh	Microbiology HHS-NIH-National Institutes of Health	Mycobacterial Cell Wall Biogenesis & Drug Discovery	1/1/98 - 12/31/02	4472 \$301,546
Coulter,Gary R	Microbiology NASA-ARC-Ames Research Center	IPA for Gary Coulter	7/1/97 - 10/31/99	1975 \$74,611
Howell,Mark D	Microbiology Immune Response Corporation	Targeting DNA Vaccines to Professional Antigen Presenting Cells	7/1/96 - 6/30/99	6191 \$25,000
Orme,Ian M	Microbiology Case Western Reserve University	Tuberculosis Epidemiology Center	9/30/94 - 9/29/99	4310 \$89,632
Orme,Ian M	Microbiology Washington University, Missouri	Life Cycle Stages & Pathogenicity of M. Tuberculosis	9/1/98 - 8/31/99	4327 \$28,925
Orme,Ian M	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	Chronic Tuberculosis: Latent or Dynamic?	12/10/98 - 11/30/03	4488 \$234,534
Orme,Ian M	Microbiology Merck Sharp & Dohme (Merck & Company)	Merck DNA Vaccines	10/15/98 - 4/14/99	6116 \$25,000
Akkina,Ramesh K	Pathology HHS-NIH-National Institutes of Health	HIV Pathogenesis & Gene Therapy in SCID hu-Mice	12/1/97 - 11/30/00	4470 \$177,351
Avery,Anne C	Pathology HHS-PHS-AID-Microbio & Infectious Dis Re	Antigen Presentation in Malaria Infection	12/1/98 - 11/30/02	4487 \$201,327
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	0343 \$11,700

*Sum of awards received October - December 1998.

Vet. Medicine & Biomedical Sciences - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Fettman, Martin J	Pathology	Dietary Effects on Phenobarbital Pharmacokinetics in	3/1/98 -	5462
Greco, Deborah S	Morris Animal Foundation	Canine Epilepsy	2/28/00	\$18,418
Smith, Mary O				
Frank, Anthony A	Pathology	Dedicated Prion Research Lab - Supplies	12/1/98 -	5488
	Colorado Cattlemen's Foundation		11/30/99	\$6,000
Lassen, E Duane	Pathology	Effect of Proanthazone on Acetaminophen- Induced	2/1/97 -	6233
Allison, Robin W	Animal Health Options, Inc.	Oxidative Erythrocyte Injury in Cats	1/31/99	\$24
Lappin, Michael R				
Norrdin, Robert W	Pathology	Strain Alignment in the Pathogenesis of Microdamage &	12/1/98 -	5489
	Morris Animal Foundation	Subchondral Bone Failure in Osteochondrosis	11/30/99	\$9,965
Titus, Richard G	Pathology	The Human Immune Response to Leishmania Major in	9/1/97 -	5452
Garreis, Kathleen Anne	Intl Fndtn for Ethical Research, Inc.	Vitro System	8/31/00	\$15,000
Clay, Colin	Physiology	Regulation of GnRH Receptor Gene Expression	1/1/95 -	7675
	HHS-PHS-Population Research		12/31/99	\$109,345
Ishii, Douglas N	Physiology	Pathogenesis of Diabetic Neuropathy 09	9/30/97 -	7770
	HHS-PHS-Biol Basis Research in Neurosci		8/31/00	\$227,872
Nett, Torrance M	Physiology	Ablation of Gonadotrophs in Dogs	1/1/99 -	6121
	Gonex, Inc		12/31/99	\$66,513
Phillips, Robert W	Physiology	Augment the Existing NASA/Ames Research Center-CSU	11/1/97 -	1955
	NASA-ARC-Ames Research Center	Cooperative Agreement	1/31/99	\$10,177
Seidel, George E. Jr	Physiology	Sexing Mammalian Sperm by Flow Cytometry	7/1/97 -	6279
	XY, Inc.		6/30/99	\$226,696
Tamkun, Michael	Physiology	Molecular Mechanisms of Hypoxia-induced Pulmonary	1/1/99 -	5676
	American Heart Association	Hypertension	12/31/01	\$55,000
Tamkun, Michael	Physiology	Regulatory Mechanisms of Cardiac Repolarization	1/1/93 -	7764
	HHS-NIH-Child Health & Human Development		12/31/01	\$284,622
Tamkun, Michael	Physiology	Role of mNav2.3 in Uterine Contraction	12/8/98 -	7932
Martens, Jeffrey R	HHS-PHS-Research for Mothers & Children		12/7/01	\$30,256
Bedford, Joel S	Radiological Health Sciences	Determining Significant Endpoints for Risk Analysis	1/1/97 -	3982
Whicker, F Ward	University of Georgia		12/31/99	\$136,143

*Sum of awards received October - December 1998.

Awards Received - 24

Vet. Medicine & Biomedical Sciences - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Larue,Susan M	Radiological Health Sciences Duke University	Hyperthermia & Perfusion Effects in Cancer Therapy	8/19/96 - 7/31/99	7512 \$115,375
Larue,Susan M	Radiological Health Sciences Duke University	Hyperthermia & Perfusion Effects in Cancer Therapy	8/19/96 - 7/31/99	7513 \$39,027
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 Ibrahim,Shawki A	Radiological Health Sciences Colorado Dept Public Health & Environ	Investigations to Support CDH Studies on the Public Health Risk of Environmental...	11/15/92 - 6/30/98	0416 \$413

*Sum of awards received October - December 1998.

Other - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Mcnerney,Ralph B	Career Center	Ribozyme Cloning Project	5/26/97 -	6247
	Ribozyme Pharmaceuticals, Inc.		8/8/97	\$344
Thayer,Paul	Center Educ Access & Outreach	Colorado State University Educational Opportunity Center	11/1/94 -	4221
	DE-Educational Opportunity Centers		10/31/99	\$380,841
Ward,Robert C	Colo Water Resources Res Inst	Developing a Decision Support System for the South	3/1/97 -	5153
Garcia,Luis	Various "Non-Profit" Sponsors	Platte Basin	6/30/99	\$10,000
Ward,Robert C	Colo Water Resources Res Inst	Design of a Water Quality Monitoring Network for the	10/16/98 -	5663
Loftis,Jim C	N. Front Range Water Qlty Planning Assoc	Big Thompson Watershed	11/15/98	\$12,180
Capps,Beverly R	Continuing Educ-Administration	Accident Investigation/Reconstruction	10/8/98 -	0335
	Colorado Department of Transportation		9/30/99	\$118,811
Capps,Beverly R	Continuing Educ-Administration	DUI Detection & Standardized Field Sobriety...	10/8/98 -	0336
	Colorado Department of Transportation		9/30/99	\$56,111
Bray,Colleen R	Cooperative Extension	Nutrition Education for Colorado Elderly	1/1/97 -	5427
	CompreCare Foundation		12/31/99	\$10,384
Bray,Colleen R	Cooperative Extension	Nutrition Education for Colorado Springs Limited Income	4/1/98 -	9502
	City of Colorado Springs		3/31/99	\$9,000
Katers,Timothy J	Cooperative Extension	Department of Local Affairs Work Study	7/1/98 -	0334
	Colorado Department of Local Affairs		6/30/99	\$3,900
Knop,Sheila A	Cooperative Extension	Communities in Economic Transition 6-State Pilot Project	9/1/96 -	1319
	Texas A & M		5/31/99	\$6,000
Knop,Sheila A	Cooperative Extension	Resource Conservation & Development Coordinator	10/1/98 -	2043
	USDA-NRCS-Natural Resources Consvtn Srv		3/30/99	\$66,100
Luevane,Carmen Mendoza	Cooperative Extension	Youth and Young Adult DUI Prevention, Decrease	10/23/98 -	0340
	Colorado Department of Transportation	Underage Drinking	9/30/99	\$100,000
Miller-Heyl,Janet L	Cooperative Extension	DARE to be You School Training at Sanostee Day School	10/6/98 -	1815
	DOI-BIA-Bureau of Indian Affairs		12/18/98	\$5,760
Miller-Heyl,Janet L	Cooperative Extension	Family Skill Building Workshops for Juvenile Diversion	11/1/98 -	5686
	Montezuma County Partners, Inc.	Criteria Youth & Parents	10/31/99	\$18,546
Rewerts,Milan A	Cooperative Extension	Department of Local Affairs - Loveland (Mineral Impact	1/1/98 -	0239
	Colorado Department of Local Affairs	Funds)	12/31/98	\$2,000

*Sum of awards received October - December 1998.

Other - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Rewerts,Milan A	Cooperative Extension Colorado Department of Local Affairs	Department of Local Affairs - Pueblo (Mineral Impact funds)	1/1/98 - 12/31/98	0240 \$8,000
Steele,Douglas L	Cooperative Extension	Fort Carson 4-H After School	10/1/98 -	2403
Miller,Margaret F	DOD-ARMY-Fort Carson		9/30/99	\$183,164
Steele,Douglas L	Cooperative Extension DOD-ARMY-Fort Carson	Fort Carson Child & Youth Services Youth Program	4/19/98 - 6/30/99	7314 \$49,424
Wilson,Carl R	Cooperative Extension	Denver Urban Resources Partnership Program	6/1/95 -	4155
Hoefer,Philip J	DOI-NPS-National Park Service		10/1/99	\$21,413
Cook,Alicia Skinner	International Programs Puerto Rico Council on Higher Education	Distance Education Training for Aida Freytes	10/4/98 - 10/9/98	5743 \$800
Gorell,Thomas	Provost/Academic V P HHMI-Howard Hughes Medical Institute	Student Research & Broadening Access to Science	9/1/98 - 8/31/02	5621 \$105,419
Gorell,Thomas	Provost/Academic V P HHMI-Howard Hughes Medical Institute	Program Administration	9/1/98 - 8/31/02	5622 \$50,086
Gorell,Thomas	Provost/Academic V P HHMI-Howard Hughes Medical Institute	Curriculum, Equipment & Laboratory Development	9/1/98 - 8/31/02	5631 \$109,226
Gorell,Thomas	Provost/Academic V P HHMI-Howard Hughes Medical Institute	Precollege & Other Outreach Programs	9/1/98 - 8/31/02	5632 \$121,269
Gorell,Thomas	Provost/Academic V P HHMI-Howard Hughes Medical Institute	Faculty Development	9/1/98 - 8/31/02	5673 \$14,000
Hopkins,Donn	University Police City of Fort Collins	Multijurisdictional Drug Task Force	10/1/95 - 6/30/99	5041 \$40,219
Smith,Ralph E	V P Research & Info Technology State of Colorado - Governors Office	Northern Front Range Air Quality Study	9/19/95 - 10/1/98	0835 \$12,302

*Sum of awards received October - December 1998.