

Office of Vice President for Research
and
Information Technology

Research Proposals Submitted

and

Research Awards Received

January - March 1999

Research Proposals Submitted *and* Research Awards Received

January through March 1999

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" and "competing continuation" submissions only. No renewal or non-competing continuation 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 Ecosvstem 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 Safetv/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*

Fiscal Year/College	Department	Sponsor	Start and End Dates	Total \$
Fiscal Year 99				
Applied Human Sciences	Dean Of Applied Human Sciences	NSF - National Science Foundation	7/1/99 - 6/30/02	\$2,612,742
Applied Human Sciences	School Of Education	US Department of Education	7/1/99 - 6/30/02	\$2,520,075
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 Resources	Forest Sciences	NSF - National Science Foundation	6/1/99 - 5/30/02	\$3,256,515
Natural Resources	Natural Resource Ecology Lab	NSF - National Science Foundation	9/1/99 - 8/31/03	\$2,999,979
Natural Sciences	Biology	NSF - National Science Foundation	6/1/99 - 5/31/04	\$5,404,964
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
Vet. Medicine & Biomedical Sciences	Microbiology	HHS-NIH-National Institutes of Health	8/1/99 - 7/31/03	\$3,343,527
Vet. Medicine & Biomedical Sciences	Microbiology	Burroughs-Wellcome Fund Foundation	10/1/99 - 9/30/04	\$2,577,835
Vet. Medicine & Biomedical Sciences	Microbiology	NASA-ARC-Ames Research Center	2/1/99 - 1/31/02	\$2,110,578

*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.

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Section II

Detailed List of Proposals Submitted	Proposals Submitted - 1
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Section III

Detailed List of Awards Received	Awards Received - 1
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This report is developed by the Office of Sponsored Programs at Colorado State University.

Please forward any comments, address changes or corrections to:

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

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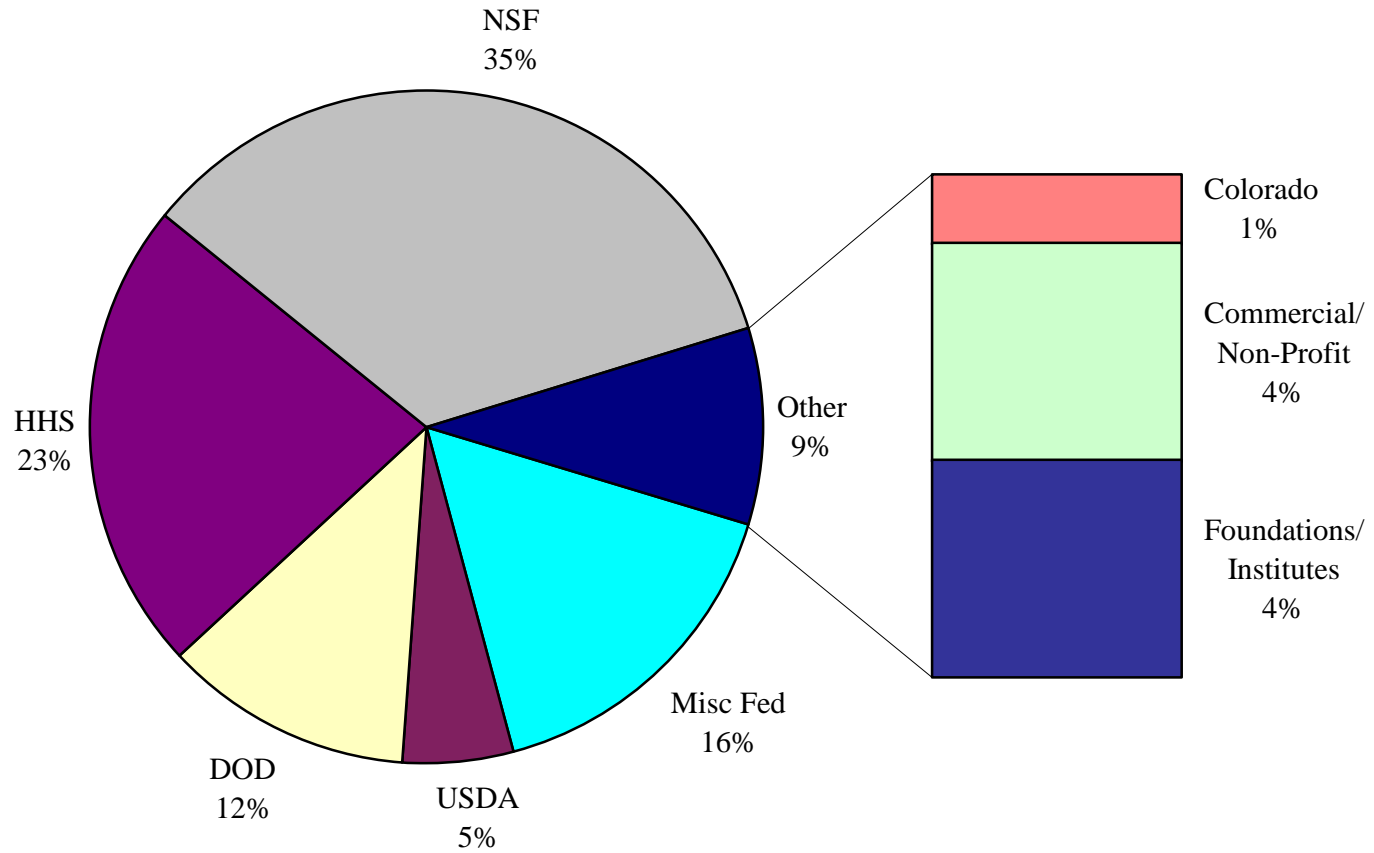
Section I

Historical Summaries

Proposal Summaries

Proposals by Fund Source

3rd Quarter Data
January - March 1999



Proposals by Fund Source

Five-Year Comparison

3rd Quarter Data

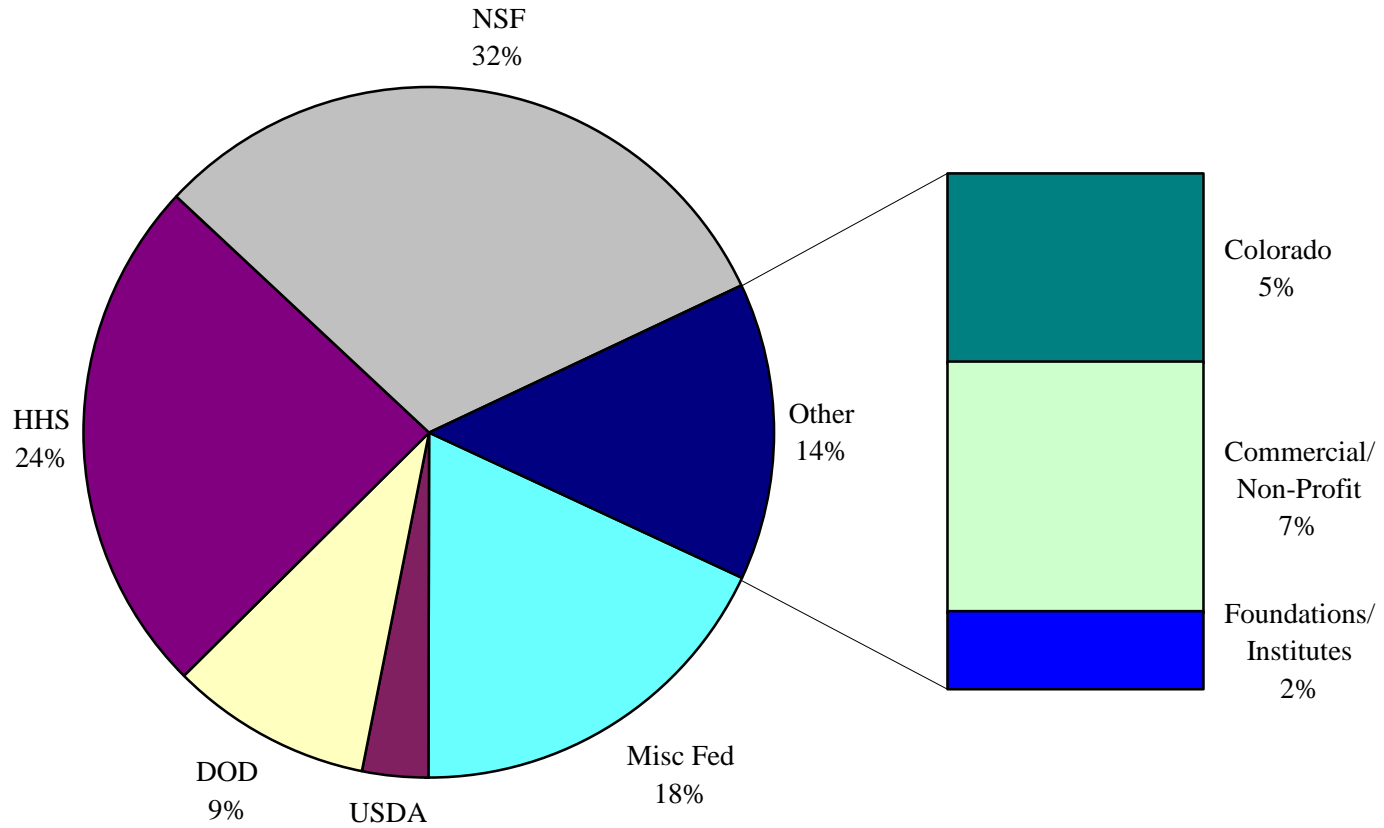
January - March

Sponsor	#	FY 95	#	FY 96	#	FY 97	#	FY 98	#	FY 99
Commercial and Non-Profit	46	\$ 3,964,448	48	\$ 4,562,540	45	\$ 10,779,665	40	\$ 4,130,097	27	\$ 3,371,474
Foundations	9	\$ 280,861	19	\$ 1,078,225	22	\$ 1,244,664	18	\$ 1,575,289	21	\$ 3,414,442
Institutes	0	\$ -	0	\$ -	0	\$ -	2	\$ 509,630	0	\$ -
State of Colorado	18	\$ 1,167,890	16	\$ 468,082	21	\$ 8,161,564	13	\$ 3,239,426	13	\$ 955,209
Subtotal of Non-Federal	73	\$ 5,413,199	83	\$ 6,108,847	88	\$ 20,185,893	73	\$ 9,454,442	61	\$ 7,741,125
USDA - Department of Agriculture	41	\$ 7,873,410	31	\$ 6,168,510	29	\$ 4,778,951	30	\$ 6,539,997	18	\$ 3,888,874
DOC - Department of Commerce	4	\$ 468,930	0	\$ -	9	\$ 3,530,326	5	\$ 1,288,000	1	\$ 43,000
DOD - Department of Defense	8	\$ 5,855,355	8	\$ 4,078,472	5	\$ 979,669	7	\$ 5,461,481	19	\$ 8,806,829
DOE - Department of Energy	5	\$ 1,758,861	2	\$ 353,096	7	\$ 5,435,975	3	\$ 890,841	2	\$ 771,746
EPA - Environmental Protection Agency	2	\$ 55,000	14	\$ 12,252,152	15	\$ 6,608,245	15	\$ 5,927,331	6	\$ 5,421,205
HHS - Health & Human Services	14	\$ 28,387,618	19	\$ 11,118,270	25	\$ 18,322,580	24	\$ 21,562,491	21	\$ 16,646,356
USDI - Department of the Interior	14	\$ 899,213	3	\$ 295,797	9	\$ 1,438,937	16	\$ 1,522,930	7	\$ 308,270
NASA - National Aeronautics & Space Administration	20	\$ 7,882,038	15	\$ 550,000	7	\$ 995,603	9	\$ 3,712,750	14	\$ 3,041,345
NSF - National Science Foundation	42	\$ 12,167,223	34	\$ 16,618,034	39	\$ 24,539,482	30	\$ 33,751,079	42	\$ 26,322,131
Miscellaneous Federal	8	\$ 5,693,208	1	\$ 174,000	10	\$ 3,676,718	4	\$ 1,620,228	4	\$ 2,726,782
Subtotal of Federal	158	\$ 71,040,856	127	\$ 51,608,331	155	\$ 70,306,486	143	\$ 82,277,128	134	\$ 67,976,538
*** TOTAL ***	231	\$ 76,454,055	210	\$ 57,717,178	243	\$ 90,492,379	216	\$ 91,731,571	195	\$ 75,717,663

Proposals by Fund Source

Cumulative Fiscal Year Data

July 1998 - March 1999



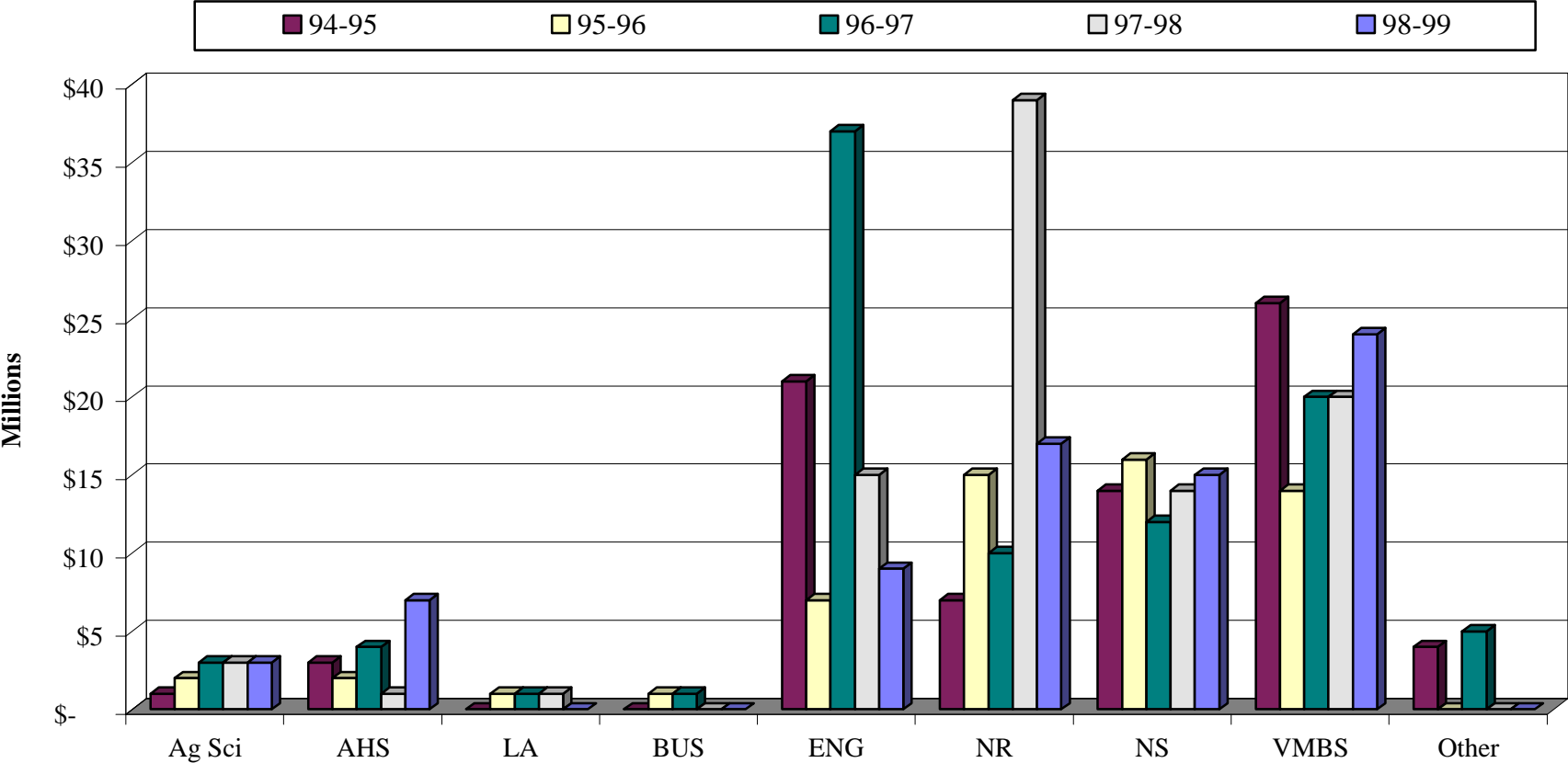
Proposals by Fund Source

Five-Year Comparison Cumulative Fiscal Year Data July - March

Sponsor	#	FY 95	#	FY 96	#	FY 97	#	FY 98	#	FY 99
Commercial and Non-Profit	132	\$ 11,007,166	139	\$ 14,972,945	119	\$ 22,728,232	120	15,426,592	115	\$ 13,286,403
Foundations	26	\$ 1,011,631	45	\$ 3,480,726	43	\$ 2,894,352	45	4,389,859	41	\$ 4,288,321
Institutes	1	\$ 210,420	3	\$ 193,699	0	\$ -	4	3,018,950	1	\$ 25,000
State of Colorado	51	\$ 9,034,945	44	\$ 12,479,651	58	\$ 16,006,013	41	11,056,552	39	\$ 9,601,619
Subtotal of Non-Federal	210	\$ 21,264,162	231	\$ 31,127,021	220	\$ 41,628,597	210	33,891,953	196	\$ 27,201,343
USDA - Department of Agriculture	58	\$ 10,609,326	54	\$ 10,285,354	56	\$ 9,997,681	50	9,327,320	33	\$ 6,141,037
DOC - Department of Commerce	13	\$ 2,377,117	5	\$ 80,976,216	22	\$ 16,767,978	17	4,313,274	13	\$ 2,731,515
DOD - Department of Defense	50	\$ 54,703,151	38	\$ 14,256,097	40	\$ 9,417,847	25	10,916,375	52	\$ 18,299,962
DOE - Department of Energy	14	\$ 5,192,209	11	\$ 10,793,511	12	\$ 7,070,435	7	1,863,540	7	\$ 2,981,499
EPA - Environmental Protection Agency	10	\$ 1,659,034	18	\$ 12,397,317	19	\$ 6,747,320	21	7,091,633	9	\$ 6,436,665
HHS - Health & Human Services	63	\$ 59,659,525	53	\$ 30,184,802	65	\$ 45,702,289	54	45,598,493	66	\$ 47,197,126
USDI - Department of the Interior	25	\$ 3,526,550	7	\$ 371,725	19	\$ 2,405,835	37	3,236,402	18	\$ 1,650,410
NASA - National Aeronautics & Space Administration	30	\$ 11,351,442	23	\$ 7,413,866	15	\$ 6,173,762	15	5,527,315	23	\$ 6,630,400
NSF - National Science Foundation	124	\$ 40,981,697	101	\$ 42,664,243	93	\$ 42,240,462	100	68,256,924	110	\$ 60,279,579
Miscellaneous Federal	29	\$ 9,613,607	8	\$ 2,912,008	21	\$ 5,471,802	16	9,410,132	14	\$ 14,777,674
Subtotal of Federal	416	\$ 199,673,658	318	\$ 212,255,139	362	\$ 151,995,411	342	165,541,409	345	\$ 167,125,867
*** TOTAL ***	626	\$ 220,937,820	549	\$ 243,382,160	582	\$ 193,624,008	552	\$ 199,433,362	541	\$ 194,327,210

Proposals by College

Five-Year Comparison
3rd Quarter Data
January - March



Proposals by College

Five-Year Comparison

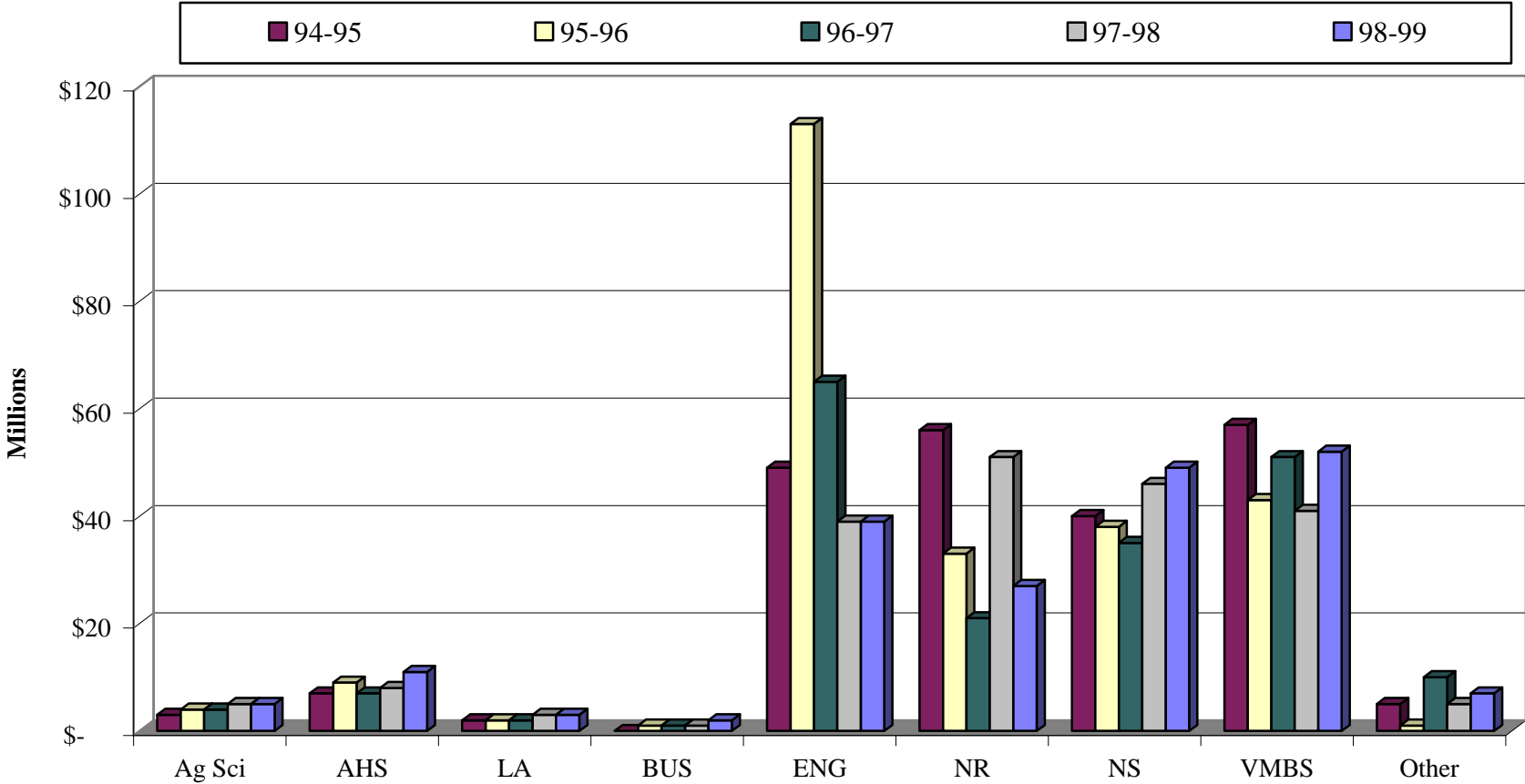
3rd Quarter Data

January - March

College	#	FY 95	#	FY 96	#	FY 97	#	FY 98	#	FY 99
Ag Sci - Agricultural Sciences	11	\$ 905,606	16	\$ 2,080,654	15	\$ 2,673,118	19	\$ 2,589,009	13	\$ 2,532,508
AHS - Applied Human Sciences	12	\$ 3,330,863	12	\$ 2,178,575	15	\$ 3,640,986	7	\$ 941,788	14	\$ 6,940,158
CLA - Liberal Arts	2	\$ 52,382	8	\$ 676,933	5	\$ 1,157,246	3	\$ 606,136	2	\$ 318,903
Bus - Business	2	\$ 346,370	2	\$ 536,725	2	\$ 520,985	0	\$ -	0	\$ -
Eng - Engineering	63	\$ 21,072,102	39	\$ 7,036,691	54	\$ 36,655,816	48	\$ 14,892,462	39	\$ 9,385,626
NR - Natural Resources	44	\$ 7,449,945	32	\$ 14,943,139	31	\$ 9,744,725	46	\$ 39,043,219	44	\$ 17,243,247
NS - Natural Sciences	40	\$ 13,567,679	40	\$ 16,374,616	43	\$ 11,708,658	35	\$ 13,899,724	33	\$ 14,886,454
VMBS - Veterinary Medicine & Biomedical Sciences	45	\$ 25,655,734	59	\$ 13,862,845	68	\$ 19,542,435	55	\$ 19,547,971	48	\$ 24,260,767
Other	12	\$ 4,073,374	2	\$ 27,000	10	\$ 4,848,410	3	\$ 211,262	2	\$ 150,000
*** TOTAL ***	231	\$ 76,454,055	210	\$ 57,717,178	243	\$ 90,492,379	216	\$ 91,731,571	195	\$ 75,717,663

Proposals by College

Five-Year Comparison
Cumulative Fiscal Year Data
July - March



Proposals by College

Five-Year Comparison

Cumulative Fiscal Year Data

July - March

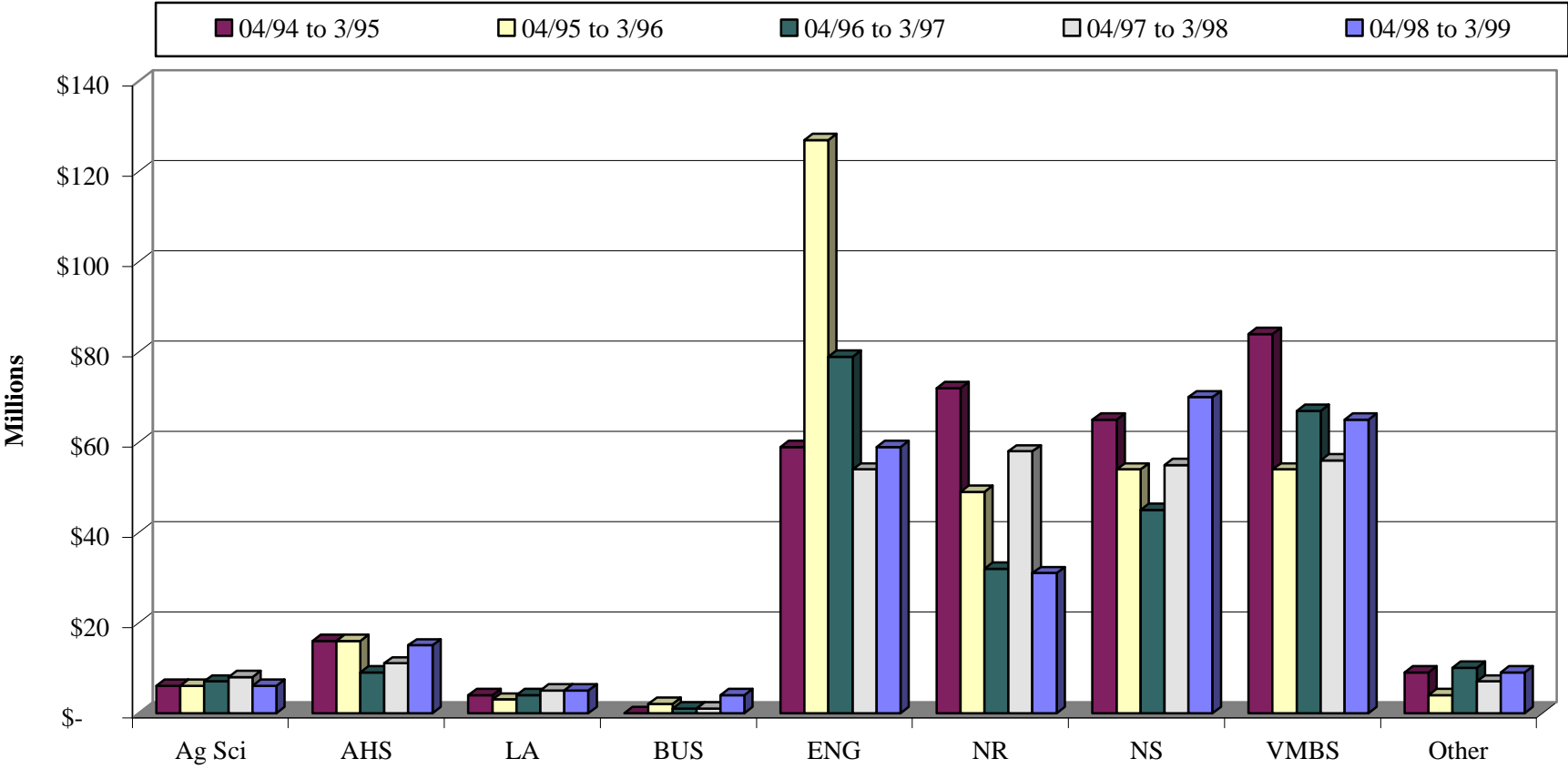
College	#	FY 95	#	FY 96	#	FY 97	#	FY 98	#	FY 99
Ag Sci - Agricultural Sciences	33	\$ 3,436,405	29	\$ 3,903,067	30	\$ 4,246,690	44	\$ 5,148,655	29	\$ 4,698,412
AHS - Applied Human Sciences	43	\$ 7,363,948	29	\$ 8,924,065	29	\$ 7,388,638	39	\$ 8,335,096	37	\$ 10,673,327
CLA - Liberal Arts	12	\$ 2,074,653	14	\$ 1,582,068	14	\$ 1,699,903	12	\$ 3,277,554	12	\$ 2,776,515
Bus - Business	3	\$ 386,370	5	\$ 927,022	4	\$ 1,395,836	4	\$ 1,179,407	2	\$ 1,575,809
Eng - Engineering	171	\$ 48,963,886	127	\$ 112,744,394	121	\$ 65,206,141	129	\$ 39,012,742	126	\$ 39,246,741
NR - Natural Resources	84	\$ 56,488,128	88	\$ 33,489,205	85	\$ 21,211,108	94	\$ 50,705,668	99	\$ 26,883,408
NS - Natural Sciences	131	\$ 39,791,563	114	\$ 38,400,001	125	\$ 34,932,836	118	\$ 45,963,008	107	\$ 48,812,232
VMBS - Veterinary Medicine & Biomedical Sciences	123	\$ 57,152,883	135	\$ 42,746,693	147	\$ 50,768,950	105	\$ 40,911,002	119	\$ 52,332,762
Other	26	\$ 5,279,984	8	\$ 665,645	27	\$ 9,773,906	7	\$ 4,900,230	10	\$ 7,328,004
*** TOTAL ***	626	\$ 220,937,820	549	\$ 243,382,160	582	\$ 196,624,008	552	\$ 199,433,362	541	\$ 194,327,210

Proposals by College

Five-Year Comparison

12 Month Data

April - March



Proposals by College

Five-Year Comparison

12 Month Data

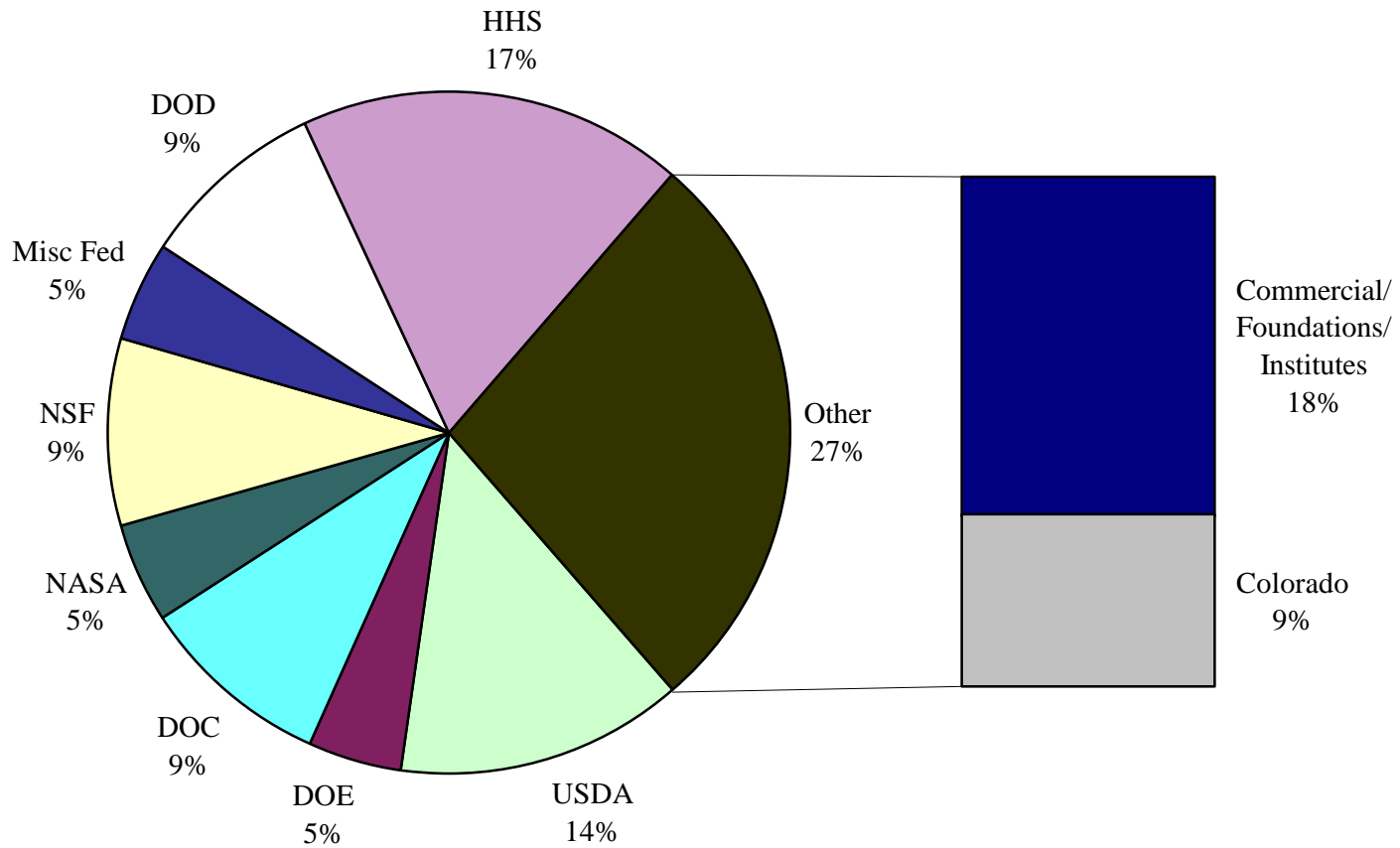
April - March

College	#	4/94 to 3/95	#	4/95 to 3/96	#	4/96 to 3/97	#	4/97 to 3/98	#	4/98 to 3/99
Ag Sci - Agricultural Sciences	52	\$ 5,734,697	47	\$ 5,725,769	41	\$ 6,687,233	53	\$ 8,147,515	37	\$ 6,236,534
AHS - Applied Human Sciences	56	\$ 15,798,638	38	\$ 16,243,949	39	\$ 8,784,208	50	\$ 11,280,079	57	\$ 15,716,250
CLA - Liberal Arts	17	\$ 3,889,603	17	\$ 3,189,114	21	\$ 3,614,241	18	\$ 4,783,869	18	\$ 5,327,297
Bus - Business	5	\$ 472,840	7	\$ 1,600,032	4	\$ 1,395,836	4	\$ 1,179,407	4	\$ 4,113,896
Eng - Engineering	227	\$ 59,437,462	175	\$ 127,248,647	178	\$ 78,864,498	192	\$ 53,835,911	179	\$ 59,298,768
NR - Natural Resources	120	\$ 72,360,241	132	\$ 49,187,547	120	\$ 31,770,687	129	\$ 57,798,566	130	\$ 30,845,494
NS - Natural Sciences	165	\$ 64,776,812	159	\$ 54,499,256	169	\$ 45,031,509	149	\$ 55,311,923	137	\$ 69,958,020
VMBS - Veterinary Medicine & Biomedical Sciences	164	\$ 83,548,835	178	\$ 53,965,075	197	\$ 67,040,734	160	\$ 56,326,151	153	\$ 64,776,489
Other	43	\$ 8,892,435	27	\$ 3,844,475	32	\$ 10,320,340	18	\$ 6,904,792	15	\$ 9,099,326
*** TOTAL ***	849	\$ 314,911,563	780	\$315,503,864	801	\$ 253,509,286	773	\$ 255,568,213	730	\$ 265,372,074

Award Summaries

Awards by Fund Source

3rd Quarter Data
January - March 1999



Awards by Fund Source

Five-Year Comparison

3rd Quarter Data

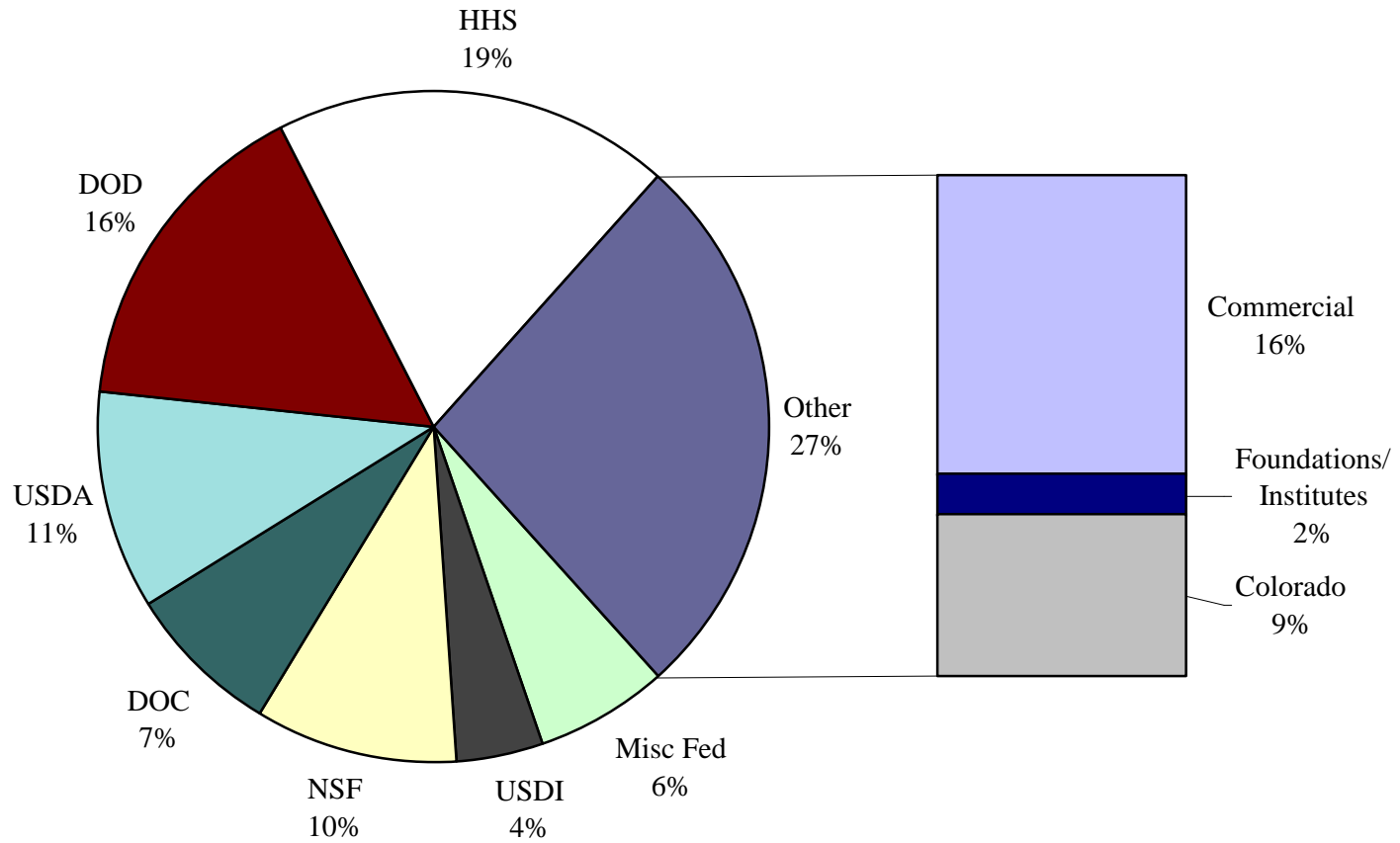
January - March

Sponsor	#	FY 95	#	FY 96	#	FY 97	#	FY 98	#	FY 99
Commercial and Non-Profit	112	\$ 3,210,320	104	\$ 3,385,745	94	\$ 2,942,617	118	\$ 3,520,982	88	\$ 3,118,727
Foundations	12	\$ 680,431	12	\$ 480,909	13	\$ 583,537	19	\$ 835,719	17	\$ 410,963
Institutes	0	\$ -	2	\$ 36,376	0	\$ -	1	\$ 310,000	8	\$ 182,002
State of Colorado	31	\$ 1,521,188	31	\$ 1,402,474	19	\$ 985,162	41	\$ 1,314,145	26	\$ 2,322,530
Subtotal of Non-Federal	155	\$ 5,411,939	149	\$ 5,305,504	126	\$ 4,511,316	179	\$ 5,980,846	139	\$ 6,034,222
USDA - Department of Agriculture	43	\$ 5,158,087	48	\$ 3,182,551	23	\$ 541,524	45	\$ 1,914,296	40	\$ 3,203,674
DOC - Department of Commerce	9	\$ 1,373,942	5	\$ 592,616	5	\$ 814,110	7	\$ 1,316,113	5	\$ 2,088,146
DOD - Department of Defense	22	\$ 2,117,705	24	\$ 2,437,949	11	\$ 967,590	22	\$ 1,486,147	21	\$ 1,965,405
DOE - Department of Energy	3	\$ 417,000	1	\$ 80,096	3	\$ 485,316	6	\$ 1,402,505	3	\$ 537,600
EPA - Environmental Protection Agency	1	\$ 150,000	2	\$ 22,263	0	\$ -	3	\$ 556,444	1	\$ 658
HHS - Health & Human Services	27	\$ 5,409,650	31	\$ 5,468,119	27	\$ 4,650,515	35	\$ 5,753,238	34	\$ 4,425,435
USDI - Department of the Interior	34	\$ 1,316,546	11	\$ 368,695	10	\$ 368,126	19	\$ 649,317	24	\$ 928,253
NASA - National Aeronautics & Space Administration	4	\$ 437,458	9	\$ 778,446	7	\$ 540,430	2	\$ 423,859	10	\$ 1,122,459
NSF - National Science Foundation	42	\$ 2,678,138	47	\$ 3,455,628	45	\$ 3,599,649	38	\$ 2,638,160	22	\$ 1,926,413
Miscellaneous Federal	6	\$ 459,500	4	\$ 255,510	2	\$ 200,000	3	\$ 64,000	2	\$ 244,652
Subtotal Federal	191	\$ 19,518,026	182	\$ 16,641,873	133	\$ 12,167,260	180	\$ 16,204,079	162	\$ 16,442,695
*** TOTAL ***	346	\$ 24,929,965	331	\$ 21,947,377	259	\$ 16,678,576	359	\$ 22,184,925	301	\$ 22,476,917

Awards by Fund Source

Cumulative Fiscal Year Data

July 1998 - March 1999



Awards by Fund Source

Five-Year Comparison Cumulative Fiscal Year Data July - March

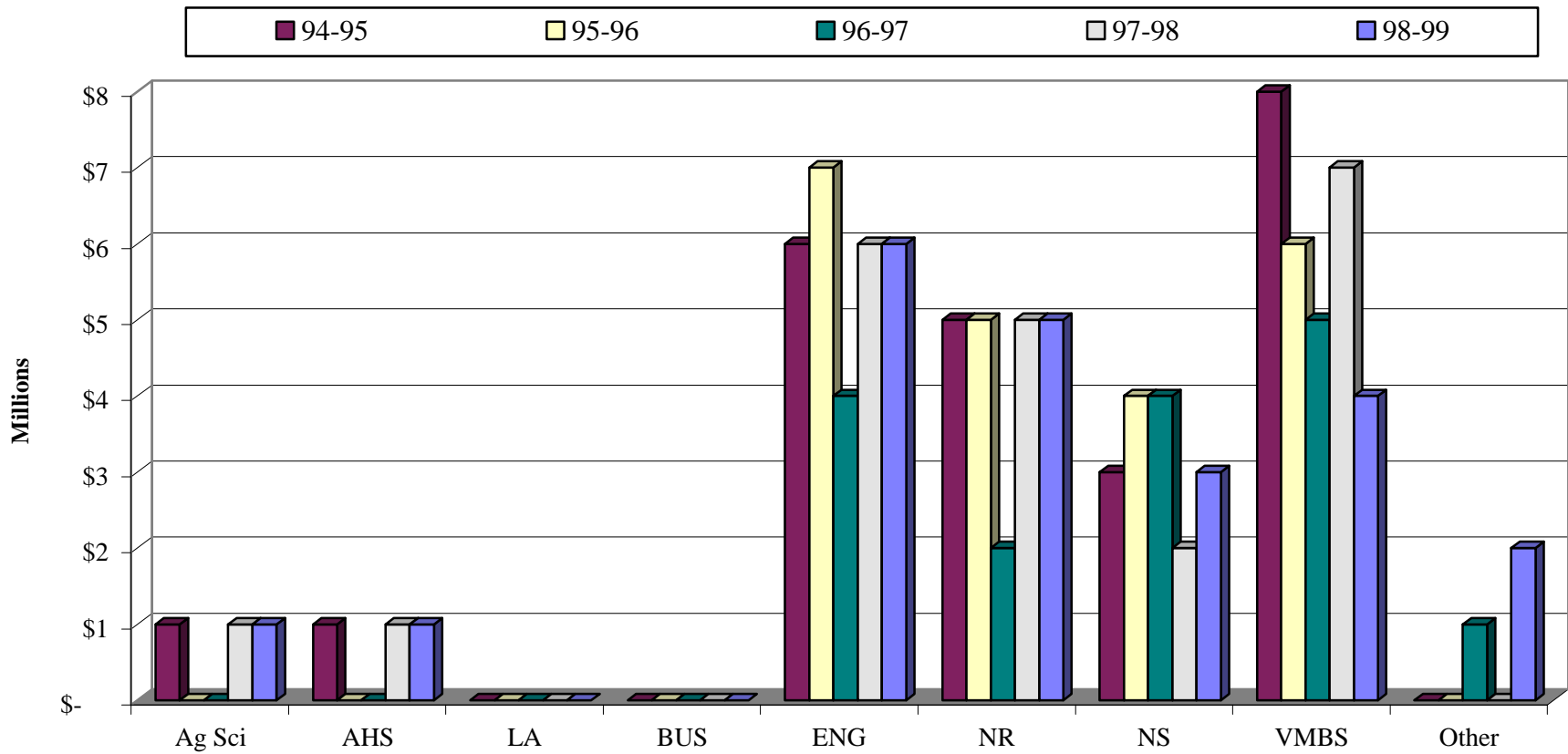
Sponsor	#	FY 95	#	FY 96	#	FY 97	#	FY 98	#	FY 99
Commercial and Non-Profit	364	\$ 10,285,613	363	\$ 11,312,341	329	\$ 13,002,401	364	\$ 13,907,909	385	\$ 15,465,713
Foundations	30	\$ 1,052,341	25	\$ 584,102	31	\$ 990,059	34	\$ 1,319,761	41	\$ 940,330
Institutes	6	\$ 1,105,759	8	\$ 523,241	3	\$ 109,848	4	\$ 692,492	16	\$ 1,024,380
State of Colorado	144	\$ 9,918,529	152	\$ 15,609,966	138	\$ 7,852,550	129	\$ 7,495,875	103	\$ 7,526,342
Subtotal of Non-Federal	544	\$ 22,362,242	548	\$ 28,029,650	501	\$ 21,954,858	531	\$ 23,416,037	545	\$ 24,956,765
USDA - Department of Agriculture	161	\$ 13,706,120	178	\$ 9,443,998	181	\$ 7,284,848	137	\$ 7,449,515	166	\$ 9,770,199
DOC - Department of Commerce	21	\$ 3,399,955	19	\$ 3,440,081	25	\$ 5,972,285	22	\$ 5,818,206	31	\$ 7,237,455
DOD - Department of Defense	60	\$ 9,605,563	62	\$ 7,719,394	58	\$ 4,293,620	106	\$ 7,404,495	122	\$ 14,531,975
DOE - Department of Energy	22	\$ 2,623,961	20	\$ 2,539,434	22	\$ 2,895,336	22	\$ 2,738,254	18	\$ 1,530,587
EPA - Environmental Protection Agency	9	\$ 694,903	13	\$ 927,262	17	\$ 1,353,141	11	\$ 2,163,531	8	\$ 829,720
HHS - Health & Human Services	89	\$ 16,374,069	96	\$ 14,374,844	109	\$ 16,041,729	121	\$ 20,541,460	118	\$ 17,971,441
USDI - Department of the Interior	97	\$ 5,091,828	67	\$ 2,930,819	65	\$ 2,406,787	76	\$ 3,517,092	99	\$ 4,191,384
NASA - National Aeronautics & Space Administration	27	\$ 2,090,640	21	\$ 2,137,387	28	\$ 2,383,725	23	\$ 2,034,896	34	\$ 2,892,519
NSF - National Science Foundation	108	\$ 8,463,630	99	\$ 9,352,208	88	\$ 7,830,013	73	\$ 6,783,594	73	\$ 8,954,369
Miscellaneous Federal	29	\$ 3,398,305	14	\$ 1,659,969	16	\$ 2,115,263	16	\$ 2,421,518	19	\$ 2,666,114
Subtotal of Federal	623	\$ 65,448,974	589	\$ 54,525,396	609	\$ 52,576,747	607	\$ 60,872,561	688	\$ 70,575,763
*** TOTAL ***	1,167	\$ 87,811,216	1,137	\$ 82,555,046	1,110	\$ 74,531,605	1,138	\$ 84,288,598	1,233	\$ 95,532,528

Awards by College

Five-Year Comparison

3rd Quarter Data

January - March



Awards by College

Five-Year Comparison

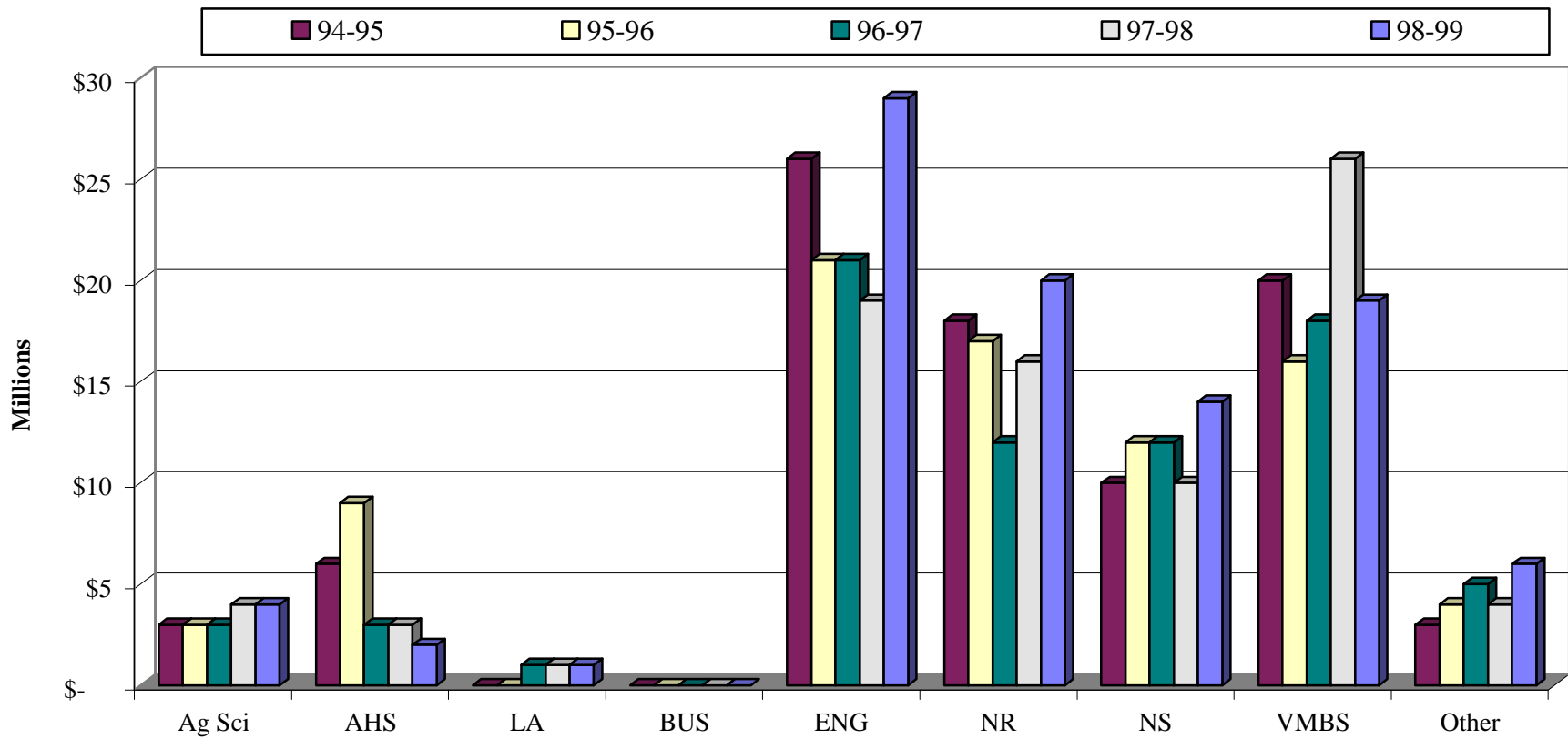
3rd Quarter Data

January - March

College	#	FY 95	#	FY 96	#	FY 97	#	FY 98	#	FY 99
Ag Sci - Agricultural Sciences	41	\$ 819,844	32	\$ 403,331	19	\$ 393,261	31	\$ 1,108,002	27	\$ 1,084,873
AHS - Applied Human Sciences	26	\$ 1,048,021	15	\$ 250,707	4	\$ 132,989	17	\$ 810,907	15	\$ 1,147,059
CLA - Liberal Arts	4	\$ 206,039	2	\$ 1,196	4	\$ 106,139	2	\$ 50,925	3	\$ 42,165
Bus - Business	1	\$ 40,000	3	\$ 127,069	2	\$ 14,335	6	\$ 285,420	2	\$ 208,200
Eng - Engineering	83	\$ 6,204,579	89	\$ 6,517,414	60	\$ 4,479,704	65	\$ 5,751,706	58	\$ 5,890,247
NR - Natural Resources	69	\$ 5,354,332	68	\$ 4,580,448	38	\$ 1,811,758	105	\$ 4,735,767	88	\$ 4,645,654
NS - Natural Sciences	45	\$ 2,926,987	54	\$ 3,735,344	66	\$ 4,297,638	42	\$ 2,433,317	39	\$ 3,334,042
VMBS - Veterinary Medicine & Biomedical Sciences	66	\$ 8,016,447	49	\$ 5,870,806	45	\$ 4,675,637	74	\$ 6,615,206	54	\$ 4,440,866
Other	11	\$ 313,716	19	\$ 461,062	21	\$ 767,115	17	\$ 393,676	15	\$ 1,683,811
*** TOTAL ***	346	\$ 24,929,965	331	\$ 21,947,377	259	\$ 16,678,576	359	\$ 22,184,925	301	\$ 22,476,917

Awards by College

Five-Year Comparison
Cumulative Fiscal Year Data
July - March



Awards by College

Five-Year Comparison

Cumulative Fiscal Year Data

July - March

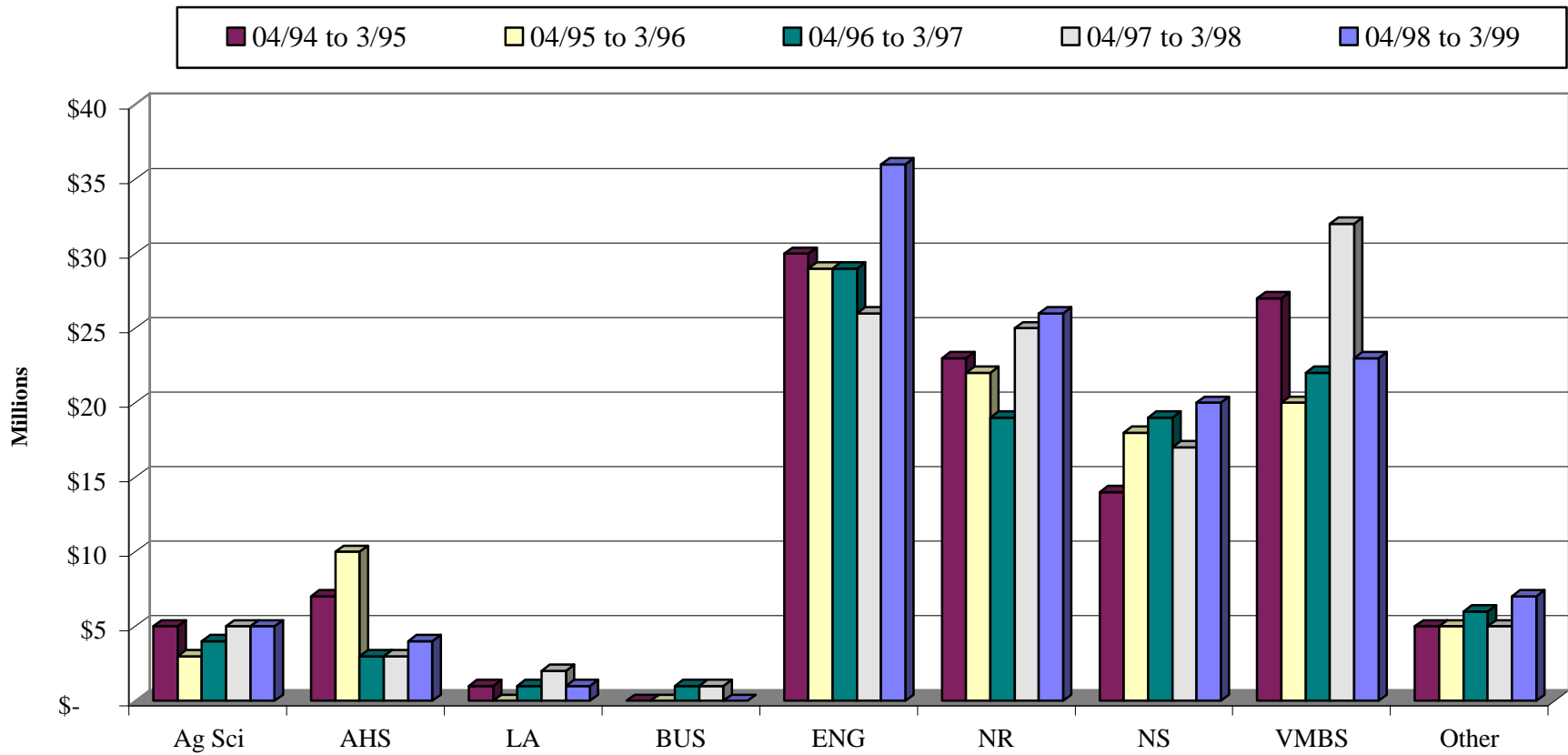
College	#	FY 95	#	FY 96	#	FY 97	#	FY 98	#	FY 99
Ag Sci - Agricultural Sciences	161	\$ 3,052,074	153	\$ 2,658,381	118	\$ 2,697,595	127	\$ 4,210,133	129	\$ 4,410,036
AHS - Applied Human Sciences	78	\$ 6,102,578	58	\$ 9,056,674	50	\$ 2,933,507	48	\$ 2,819,322	42	\$ 2,416,441
CLA - Liberal Arts	13	\$ 430,816	10	\$ 353,231	16	\$ 684,571	11	\$ 1,492,269	11	\$ 933,834
Bus - Business	2	\$ 70,012	9	\$ 417,093	5	\$ 361,683	10	\$ 496,502	8	\$ 383,956
Eng - Engineering	287	\$ 26,286,360	237	\$ 20,716,837	238	\$ 20,655,757	216	\$ 19,356,768	251	\$ 28,931,218
NR - Natural Resources	235	\$ 18,278,022	264	\$ 17,463,903	273	\$ 12,393,885	289	\$ 16,014,318	369	\$ 19,947,144
NS - Natural Sciences	142	\$ 10,415,166	159	\$ 11,801,635	156	\$ 11,635,066	148	\$ 10,247,689	152	\$ 14,188,767
VMBS - Veterinary Medicine & Biomedical Sciences	181	\$ 20,020,009	170	\$ 15,602,138	193	\$ 18,184,553	230	\$ 25,923,792	195	\$ 18,604,443
Other	68	\$ 3,156,179	77	\$ 4,485,154	61	\$ 4,984,988	59	\$ 3,727,806	76	\$ 5,716,689
*** TOTAL ***	1,167	\$ 87,811,216	1,137	\$ 82,555,046	1,110	\$ 74,531,605	1,138	\$ 84,288,598	1,233	\$ 95,532,528

Awards by College

Five-Year Comparison

12 Month Data

April - March



Awards by College

Five-Year Comparison

12 Month Data

April - March

College	#	04/94 to 3/95	#	04/95 to 3/96	#	04/96 to 3/97	#	04/97 to 3/98	#	04/98 to 3/99
Agricultural Sciences	223	\$ 4,749,973	207	\$ 3,358,170	177	\$ 3,939,723	177	\$ 5,353,242	171	\$ 5,314,403
Applied Human Sciences	99	\$ 6,777,032	81	\$ 9,862,204	75	\$ 3,478,592	59	\$ 3,177,196	57	\$ 3,951,826
Liberal Arts	18	\$ 1,072,240	14	\$ 411,880	22	\$ 956,921	13	\$ 1,505,862	16	\$ 1,135,898
Business	5	\$ 121,680	12	\$ 496,995	9	\$ 588,483	13	\$ 564,607	10	\$ 451,823
Engineering	365	\$ 30,201,160	335	\$ 28,614,050	333	\$ 28,919,446	298	\$ 25,779,133	339	\$ 35,582,238
Natural Resources	324	\$ 23,220,023	366	\$ 22,350,935	389	\$ 19,372,845	388	\$ 24,849,342	497	\$ 25,578,285
Natural Sciences	200	\$ 14,341,029	230	\$ 17,515,758	224	\$ 18,574,461	215	\$ 17,075,637	215	\$ 20,282,157
Veterinary Medicine & Biomedical Sciences	253	\$ 26,753,953	221	\$ 19,820,655	261	\$ 22,188,295	294	\$ 32,058,533	247	\$ 23,123,879
Other	95	\$ 5,169,628	94	\$ 5,476,673	81	\$ 6,484,313	88	\$ 5,426,960	92	\$ 6,769,103
*** TOTAL ***	1,582	\$ 112,406,718	1,560	\$107,907,320	1,571	\$ 104,503,079	1,545	\$ 115,790,511	1,644	\$ 122,189,612

Section II

**Proposals Submitted
January - March 1999**

Agricultural Sciences - Proposals

Principal Investigator	Department/Sponsor	Title	Dates	Key # \$Amount
Belk,Keith Smith,Gary C Tatum,Joseph D	Animal Sciences USDA-Foreign Agricultural Service	Use of High Energy Diets to Improve Beef Quality in Venezuela to Generate Increased Exports of U.S. Corn Grain	10/1/99 - 4/30/01	99109601 \$271,213
Burns,Patrick D	Animal Sciences USDA - US Department of Agriculture	Intracellular Regulation of Endometrial PGF2a Synthesis in Ewes	9/1/99 - 8/31/02	99087601 \$164,737
Whittier,Jack C	Animal Sciences Moormans	Comparison of Delivery Costs of Protein Supplements to Beef Cows on Winter Range	12/2/98 - 6/1/99	99090801 \$5,524
Holtzer,Thomas O Cranshaw,Whitney S	Bioagriculturl Sci & Pest Mgmt Taensa, Inc.	Biological Control of Ornamental Pests with Taensa Products	2/1/99 - 7/31/99	99095501 \$1,740
Ishimaru,Carol A Knudson,Dennis L	Bioagriculturl Sci & Pest Mgmt USDA - US Department of Agriculture	Secretory Pathways in Clavibacter michiganensis subsp. sepedonicus Pathogenicity	7/1/99 - 6/30/02	99085701 \$301,262
Roberts,P Elaine	Bioagriculturl Sci & Pest Mgmt USDA - US Department of Agriculture	The National Web Site for Insect Physiology	9/1/99 - 8/31/01	99105501 \$99,371
Westra,Philip Peairs,Frank B	Bioagriculturl Sci & Pest Mgmt USDA - US Department of Agriculture	Interdisciplinary Precision Farming Research for Site Specific Pest Monitoring & Management	5/1/99 - 4/30/01	99087901 \$163,722
Basham,Charles W Brown,William M Jr	Horticulture & Landscape Arch USDA - US Department of Agriculture	Biological Control of Fusarium Crown & Root Rot of Tomato with Trichoderma Harzianum Under Greenhouse Conditions	5/15/99 - 6/1/00	99106101 \$13,420
Jones,Michelle L	Horticulture & Landscape Arch Fred C. Gloeckner Foundation	Genetic Engineering for Delayed Flower Senescence in Petunia	9/1/99 - 8/31/00	99115201 \$9,500
Jones,Michelle L	Horticulture & Landscape Arch American Floral Endowment	Genetic Transformation of Petunia for Delayed Leaf & Flower Senescence	8/2/99 - 7/31/02	99096101 \$156,000
Byrne,Patrick F	Soil & Crop Sciences NSF - National Science Foundation	Drought & Temperature Stress Tolerance in the Triticeae	9/1/99 - 8/31/03	99081201 \$435,395
Heil,Dean M Kelly,Eugene F	Soil & Crop Sciences NSF - National Science Foundation	Heterogeneity of Mobile Soil Colloids & Effects on Metal Transport	7/1/99 - 7/1/02	99087801 \$537,247
Lapitan,Nora	Soil & Crop Sciences NSF - National Science Foundation	The Structure, Function & Evolution of the Expressed Portion of the Wheat Genome	8/1/99 - 7/31/02	99090701 \$373,377

Applied Human Sciences - Proposals

Principal Investigator	Department/Sponsor	Title	Dates	Key # \$Amount
Cobb,R Brian	Dean Of Applied Human Sciences NSF - National Science Foundation	Knowledge & Distributed Intelligence, Knowledge Networking in the Information Age	7/1/99 -	99091901
			6/30/02	\$2,612,742
Carlson,Linda L	Design, Merch & Consumer Sci	Conservation Project Support	10/1/99 -	99105401
Blaesi,Lavon F	Institute of Museum & Library Services		9/30/00	\$31,305
Cordain,Loren	Exercise & Sport Science	Wine Consumption & the Insulin Resistance Syndrome	1/1/00 -	99089601
Melby,Christopher L	HHS-NIH-National Institutes of Health		12/31/03	\$1,036,899
Gregory,Susan R	Food Science & Human Nutrition American Hotel Foundation	Assessing the Impact of E-Commerce on Lodging Properties in the United States	7/1/99 -	99096401
			6/30/00	\$25,804
Kendall,Patricia A	Food Science & Human Nutrition Ohio State University	Development & Validation of Instruments to Evaluate Food Safety Education	7/1/99 -	99085201
			6/30/01	\$90,128
Stone,Martha B	Food Science & Human Nutrition NASA - Natl Aeronautics & Space Admin.	Shelf Stable Bagels for Space Applications	7/1/99 -	99093801
			6/30/00	\$22,000
Starrels,Marjorie	Human Dev & Family Studies HHS-NIH-National Institutes of Health	Retirement & Intergenerational Relations	12/1/99 -	99090401
			11/30/01	\$152,727
Koziol,Christopher J	Mfg Tech & Constr Mgmt Colo Dept Higher Educ-Historical Society	Architectural Preservation Institute Wood Case Study & Workshop	8/1/99 -	99112101
			8/30/00	\$116,780
Schelly,Catherine L	Occupational Therapy Larimer County	The Transition Services Program & The New Start Program	7/1/99 -	99092601
			6/30/00	\$19,998
Ginsberg,Richard	School Of Education	Equity Assistance Center Grant	7/1/99 -	99102201
Hiatt,Dana Sims	US Department of Education		6/30/02	\$2,520,075
Gloekner,Gene	School Of Education	Money Wise - Fundraising Training to Disability	7/1/99 -	99101201
Cobb,R Brian	USIA-Education Exchange/Graduate Student	Nongovernmental Organizations in Albania	6/30/00	\$147,996
Baez,Victor A	Social Work John A. Hartford Foundation, Inc.	Mountain States Collaboration for Elderly Outreach	4/1/99 -	99083001
			4/30/00	\$49,995
Jackson,Robert	Social Work	Pilot Research on Transitional Youth in Colorado	7/1/99 -	99101701
Downey,Eleanor P	Colorado Division/Developmental Disabil.		6/30/00	\$104,068
Puig,Maria Elena	Social Work American Council of Learned Societies	Going Home: Family Reunification of Cuban Immigrants & Families	7/1/99 -	99082801
			6/30/00	\$9,641

Engineering - Proposals

Principal Investigator	Department/Sponsor	Title	Dates	Key # \$Amount
Cotton, William R	Atmospheric Science NSF - National Science Foundation	Studies of Mesoscale (Beta & Gamma) Weather Systems Over Indian Region Using RAMS of CSU	9/1/99 - 8/31/02	99102401 \$6,380
Gray, William M	Atmospheric Science NASA - Natl Aeronautics & Space Admin.	Hurricane Structure & Intensity Change Prediction from a Mix of Aircraft & Satellite Data	9/1/99 - 8/31/02	99107501 \$22,000
Pielke, Roger A	Atmospheric Science NSF - National Science Foundation	Community-Based Rain & Hail Studies-- Practical Geoscience Education for all Ages	10/1/99 - 9/30/01	99105201 \$122,503
Pielke, Roger A	Atmospheric Science NASA - Natl Aeronautics & Space Admin.	Importance of Global & Regional Scale Climate Controls on the North American Monsoon in the Southwest United States	9/1/99 - 8/31/02	99106301 \$22,000
Rutledge, Steven A	Atmospheric Science NASA - Natl Aeronautics & Space Admin.	Lightning & Radar Observations from Ground-Based & Spaceborne Platforms: Applications for Tropical Rainfall...	9/1/99 - 8/31/00	99106401 \$22,000
Belfiore, Laurence A	Chemical & Biores Engineering NSF - National Science Foundation	Acquisition of a Time-Domain NMR Spectrometer to Investigate Polymeric Complexes with Transition Metals	5/1/99 - 4/30/00	99092001 \$33,000
Belfiore, Laurence A	Chemical & Biores Engineering American Chemical Society	Transition Metal Compatibilization of Polymer Ionomer Blends	7/1/99 - 8/31/02	99093201 \$90,000
Garcia, Luis	Chemical & Biores Engineering NSF - National Science Foundation	A Stochastic Approach to Environment Exposure Assessment Related to Groundwater Nitrate Contamination	9/1/99 - 8/31/02	99114101 \$419,105
Sale, Thomas C	Chemical & Biores Engineering DOD-ARMY-Corps of Engineers	Electrically Induced Redox Barriers	1/1/00 - 12/30/02	99083601 \$390,000
Sale, Thomas C Gilbert, David M Mcwhorter, David B	Chemical & Biores Engineering DOD - US Department of Defense	Electrically Induced Redox Barriers for In-Situ Treatment of Groundwater	1/1/00 - 12/30/02	99106801 \$390,150
Adams, Christopher R Watts, Ray	Cira NASA - Natl Aeronautics & Space Admin.	Emergency Management Application of Data for Flash Flood Disaster Reduction	7/1/99 - 6/30/02	99097701 \$598,143
Mckee, Thomas B Doesken, Nolan J	Cira DOC-NOAA-Natl Oceanic & Atmospheric Admn	A Comparison of Rooftop & Standard Ground-Based Temperature	4/15/99 - 9/30/99	99109701 \$43,000
Durnford, Deanna S	Civil Engineering NSF - National Science Foundation	Understanding Groundwater Contamination	6/1/99 - 5/31/02	99105301 \$267,779
Gessler, Daniel Abt, Steven R	Civil Engineering DOD - US Department of Defense	Sediment Basin Hydrograph Simulations	3/25/99 - 6/30/99	99108901 \$26,477

Engineering - Proposals

Principal Investigator	Department/Sponsor	Title	Dates	Key # \$Amount
Hartnagel,Bryan	Civil Engineering NSF - National Science Foundation	Moment-Rotation Tests of High Performance Steel (HPS) Girders	10/1/99 - 3/31/01	99112301 \$134,422
Meroney,Robert N	Civil Engineering DOE - US Department of Energy	Fluid Modeling of Stable Boundary Layer Flow Interactions in Urban Basins	7/1/99 - 6/30/03	99109801 \$723,526
Nelson,John D Perko,Howard	Civil Engineering NASA - Natl Aeronautics & Space Admin.	Dust Adhesion & Sintering as Influenced by Adsorbate Thickness in Various Planetary Environments	8/1/99 - 8/1/00	99094001 \$22,000
Nelson,John D Perko,Howard	Civil Engineering NASA - Natl Aeronautics & Space Admin.	Properties of Comet Mantle Dust	8/1/99 - 8/1/00	99093901 \$22,000
Salas,Jose D Cesur,Durmus	Civil Engineering NASA - Natl Aeronautics & Space Admin.	Determining Snow Wetness from Active Microwave Data & its Use in Hydrologic Modeling	5/10/99 - 5/10/00	99106501 \$22,000
Chandrasekar,V Jayasumana,M A Anura P	Electrical Engineering DOD-ARPA-Advanced Research Proj. Agency	Virtual Colorado State University (CSU) University of Chicago-Illinois (CHILL) National Radar Facility	7/1/99 - 6/30/02	99083401 \$869,550
Collins,George J	Electrical Engineering Semiconductor Research Corporation	Low Damage Etching of Si & SiO2 in CF4 & C12 Plasmas with rf Generated Electron Beams	5/1/99 - 4/30/00	99102301 \$39,936
Collins,George J	Electrical Engineering NSF - National Science Foundation	Neutralizing Charge Imbalances on Nanostructures in ICP Etching Environment to Achieve Improved Pattern Transfer	11/15/99 - 11/14/02	99110201 \$402,207
Jayasumana,M A Anura P Wilmsen,Carl W	Electrical Engineering NSF - National Science Foundation	Freespace Optoelectronic Switching for ATM/IP	6/1/99 - 5/30/02	99098601 \$697,567
Mahan,John E	Electrical Engineering NSF - National Science Foundation	Hollow Cathode Microdischarge Arrays	7/1/99 - 7/1/02	99095701 \$597,011
Mahan,John E	Electrical Engineering NSF - National Science Foundation	Is Manganese Silicide a Good Optoelectronic Device Material?	6/1/99 - 6/1/02	99095801 \$437,050
Menoni,Carmen S Grainger,David W Parkinson,Bruce Alan	Electrical Engineering DOD-ARPA-Advanced Research Proj. Agency	Development of Block Co-Polymer Masks for Nanolithography	1/1/99 - 12/31/02	99092901 \$725,484
Menoni,Carmen S	Electrical Engineering NSF - National Science Foundation	Growth, Characterization, & Modeling of GaAsN: Fundamental Properties & Optoelectronic Application	7/1/99 - 6/30/02	99085101 \$201,528
Rocca,Jorge J G	Electrical Engineering DOD-ARPA-Advanced Research Proj. Agency	Development of a Discharge Pumped 13nm Laser for Metrology of Projection Lithography Optics at the Manufacturer's Site	1/1/00 - 12/31/03	99094301 \$690,000

Engineering - Proposals

Principal Investigator	Department/Sponsor	Title	Dates	Key # \$Amount
Rocca,Jorge J G	Electrical Engineering NSF - National Science Foundation	Development of an Intense Table-Top Soft X-ray Laser Source of Picosecond Pulses	10/1/99 - 9/30/03	99098401 \$530,732
Zoughi,Reza	Electrical Engineering DOD-NAVY	Development of a 2-D Scanning Table	4/1/99 - 8/31/99	99107801 \$22,075
Zoughi,Reza	Electrical Engineering Texas Research Institute (NTIAC)	Microwave Detection of Corrosion Under Paint (CUP) Base Effort for Phase II	4/1/99 - 6/30/00	99094601 \$150,165
Zoughi,Reza	Electrical Engineering Texas Research Institute (NTIAC)	Microwave Detection of Corrosion Under Paint (CUP) Option 1 for Phase II	7/1/00 - 3/31/01	99094701 \$62,906
Zoughi,Reza	Electrical Engineering DOD-NAVY-Naval Surface Warfare Center	Microwave Detection of Cracks in Painted Metallic Substrates	3/15/99 - 9/30/00	99108601 \$50,000
Carlile,Craig Jackson,Elizabeth A	Mechanical Engineering The Gates Foundation *	Super Summer Science Series	6/1/99 - 8/31/99	99094101 \$20,000
Duff,William S	Mechanical Engineering Montana State University	A High Performance Low Cost Solar Water Purification System	7/1/99 - 10/31/00	99096201 \$74,981
Duff,William S	Mechanical Engineering DOI-Bureau of Reclamation	A High Performance Low Cost Solar Water Pasteurization & Desalination System	7/1/99 - 6/30/00	99100501 \$49,858
Hittle,Douglas C Young,Peter Anderson,Charles	Mechanical Engineering Siemens Building Technologies	Feasibility of Adaptive Control Technology for Building Control & Energy Management Systems	4/1/99 - 9/30/00	99100401 \$147,673
Mitchell,Charles E Wilbur,Paul J	Mechanical Engineering NASA-Lewis Research Center	Arc Discharge Mechanisms for the Electrothermal Ramjet	6/1/99 - 5/31/00	99101401 \$90,624
Radford,Donald W	Mechanical Engineering NSF - National Science Foundation	Mechanisms of Warpage & Shape Instability in Fiber Reinforced Composites	7/1/99 - 6/30/02	99111901 \$149,794

Liberal Arts - Proposals

Principal Investigator	Department/Sponsor	Title	Dates	Key # \$Amount
Milofsky,David	English NEA-National Endowment for the Arts	Presentation Grant to National Endowment for the Arts	2/1/00 - 11/1/01	99109301 \$27,406
Zimmerman,Donald E Slater,Michael D	Journalism & Technical Comm AMC Cancer Research Center	A Change Agent for Rural Multicultural Adults	11/1/99 - 10/31/03	99100101 \$291,497

Natural Resources - Proposals

Principal Investigator	Department/Sponsor	Title	Dates	Key # \$Amount
Anderson,David R	Coop Fish & Wildlife Research USDA-USFS-Forest Research	Demography & Habitat Relationships of the California Spotted Owl on the Lassen National Forest	3/1/99 - 9/30/02	99102601 \$107,122
Kennedy,Patricia L	Coop Fish & Wildlife Research DOI-USGS-Geological Survey	Effects of Water Developments on Breeding Birds in the Little Missouri National Grassland	3/16/99 - 6/1/01	99090301 \$58,417
Laituri,Melinda J	Earth Resources State University of New York	Conforming to GIS	9/1/99 - 9/1/00	99098101 \$42,775
Magloughlin,Jerry F	Earth Resources NSF - National Science Foundation	A Next Generation Geologic Field Guide to the Rocky Mountain Front Range	7/1/99 - 6/3/01	99107901 \$146,238
Wohl,Ellen E	Earth Resources NSF - National Science Foundation	Acquisition of Hydraulics Instrumentation for Field-Based Research	6/1/99 - 7/1/04	99098201 \$60,824
Baker,Barry B	Fish & Wildlife Biology NSF - National Science Foundation	Planning for the Development of a Distributed, Internet Database System for Biodiversity Data Sets from the...	7/31/99 - 7/31/00	99102501 \$58,922
Castle,Carla J Beyers,Daniel W	Fish & Wildlife Biology DOI-USGS-Geological Survey	An Investigation of Baseline Conditions & the Potential Effects of Mining on Water Quality within Swamp Creek & Rice	2/15/99 - 2/29/00	99112501 \$31,959
Castle,Carla J Beyers,Daniel W	Fish & Wildlife Biology DOI-USGS-Geological Survey	Toxicity Assessment of Stream & Sediments in the Angus Creek Watershed, Southeast Idaho Phosphate District	6/1/99 - 9/30/99	99112401 \$9,913
Clements,William H Beyers,Daniel W Duteau,Nancy M	Fish & Wildlife Biology EPA - Environmental Protection Agency	The Relationship between Ecological Indicators & Ecological Values for Quantitative Assessment of Rocky Mountain...	10/1/99 - 9/30/02	99093101 \$883,195
Covich,Alan P Fausch,Kurt D	Fish & Wildlife Biology EPA - Environmental Protection Agency	Methods for Assessing Effects of Changing Landscape Patterns on Regional Riverine-Riparian Ecosystem Integrity	6/1/99 - 5/30/02	99086901 \$969,372
Covich,Alan P	Fish & Wildlife Biology DOI-USGS-Geological Survey	Wetland Literature Survey	3/15/99 - 8/27/99	99105801 \$10,000
Kettler,Stephan M Wunder,Michael B	Fish & Wildlife Biology Colorado State Parks/CO Natural Areas Pg	A Natural Heritage Inventory of Staunton State Park, Jefferson & Park Counties, Colorado	3/1/99 - 12/30/99	99083201 \$20,817
Schorr,Robert Wunder,Michael B	Fish & Wildlife Biology USDA-USFS-Forest Research	Boreal Toad Surveys Throughout Colorado	4/1/99 - 12/31/99	99104801 \$29,939
Schorr,Robert Wunder,Michael B	Fish & Wildlife Biology DOD - US Department of Defense	Natural Heritage Inventory of Buckley Air National Guard	5/1/99 - 12/31/99	99083101 \$16,198

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Natural Resources - Proposals

Principal Investigator	Department/Sponsor	Title	Dates	Key # \$Amount
Schorr,Robert Wunder,Michael B	Fish & Wildlife Biology USDA-USFS-Forest Research	Preble's Mouse Surveys for the U.S. Forest Service, Trout Creek	6/1/99 - 12/31/99	99104901 \$2,470
White,Gary C Franklin,Alan B	Fish & Wildlife Biology NSF - National Science Foundation	An Instructional Workshop on Estimating Parameters of Animal Populations Using Program MARK	6/1/99 - 7/15/99	99095301 \$21,262
Binkley,Daniel E	Forest Sciences AF&PA-American Forest & Paper Assoc	What Causes Productivity in Poplar Stands to Decline After Crown Closure?	10/1/99 - 9/30/02	99101001 \$449,740
Burke,Ingrid C Lauenroth,William K	Forest Sciences NSF - National Science Foundation	Production Agriculture & Climatic Variability in the Central Great Plains: Biogeochemical Consequences	6/1/99 - 5/30/02	99098301 \$3,256,515
Burke,Ingrid C Bradford,John B	Forest Sciences NASA - Natl Aeronautics & Space Admin.	Regional Aboveground Net Primary Productivity in the U.S. Central Grasslands	9/1/99 - 9/1/00	99105901 \$22,000
Dean,Denis J	Forest Sciences USDA-USFS-Forest Research	Development of a Flexible, Standardized Methodology for Optimizing Fuel Treatment Programs Across Space & Time	1/1/99 - 12/31/00	99105001 \$118,778
Shaw,Robert B Bagley,Calvin F	Forest Sciences DOD-ARMY	Natural Resources Support for US Army Alaska, OFF CAMPUS	3/31/99 - 9/30/00	99114701 \$269,753
Shaw,Robert B Bagley,Calvin F	Forest Sciences DOD-ARMY	Natural Resources Support for US Army Alaska, ON CAMPUS	3/31/99 - 9/30/00	99114901 \$27,081
Shaw,Robert B Doe,William W	Forest Sciences DOD-ARMY-ARO-Army Research Office	Using Military Terrain Analysis Techniques & the Modified Combined Obstacle Overlay to Predict Training Area Land...	6/1/99 - 12/31/99	99096301 \$19,976
Shaw,Robert B Bagley,Calvin F	Forest Sciences DOD-ARMY	Elmendorf Air Force Base Integrated Natural Resources Management Plan, On-Campus	3/1/99 - 3/31/00	99097801 \$71,160
Shaw,Robert B Bagley,Calvin F	Forest Sciences DOD-ARMY	Elmendorf Air Force Base Integrated Natural Resources Management Plan, Off-Campus	3/1/99 - 3/31/00	99097901 \$3,840
Warren,Steven D	Forest Sciences DOD-ARMY-Corps of Engineers	Development of Soil Erosion Tolerance Thresholds & Vegetative Indicators	10/1/99 - 9/30/03	99083701 \$586,700
Coughenour,Michael B	Natural Resource Ecology Lab NASA - Natl Aeronautics & Space Admin.	Integrated Assessment of Land Use, Climate, & Vegetation on the Mongolian Steppe	9/1/99 - 8/31/00	99106201 \$22,000
Ellis,James Coughenour,Michael B	Natural Resource Ecology Lab EPA - Environmental Protection Agency	Integrated Assessment of Climate Change Impacts on Transitional Agro-Ecosystem of the Northern Great Plains	7/1/99 - 6/30/02	99087001 \$893,177

Natural Resources - Proposals

Principal Investigator	Department/Sponsor	Title	Dates	Key # \$Amount
Gross,John E	Natural Resource Ecology Lab	Effects of Forest Fragmentation on Community Structure & Metapopulation Dynamics of Amphibians	10/1/99 -	99092801
Boone,Randall B	University of Minnesota		9/30/02	\$38,376
Gross,John E	Natural Resource Ecology Lab	Evaluating competition Between Mountain Goats & Bighorn Sheep in the Mount Evans Area	4/1/99 -	99108001
	Colorado Division of Wildlife		3/31/00	\$14,120
Hobbs,N Thompson	Natural Resource Ecology Lab	A System for Evaluating the Effects of Alternative Land Use Actions on Elk Habitat	9/1/99 -	99109901
Theobald,David M	Rocky Mountain Elk Foundation		4/30/01	\$117,381
Hobbs,N Thompson	Natural Resource Ecology Lab	Assessing the Consequences of Climate Change for a National Park & its Gateway	9/1/99 -	99087101
Ojima,Dennis	EPA - Environmental Protection Agency		9/1/02	\$898,809
Hobbs,N Thompson	Natural Resource Ecology Lab	Colorado Land Stewardship Mapping	3/1/99 -	99101501
Theobald,David M	GOCO-Great Outdoors Colorado		2/28/00	\$33,586
Hobbs,N Thompson	Natural Resource Ecology Lab	Landscape Perforation as an Ecological Indicator: Effects on Multiple Resources at Multiple Scales	7/1/99 -	99093301
Stohlgren,Thomas J	EPA - Environmental Protection Agency		6/30/02	\$887,486
Covich,Alan P				
Hobbs,N Thompson	Natural Resource Ecology Lab	Analysis of Alternatives for Elk Population Management in Rocky Mountain National Park	5/1/99 -	99102101
	DOI-NPS-National Park Service		1/1/01	\$71,920
Ojima,Dennis	Natural Resource Ecology Lab	Atmosphere-Biosphere Interactions in China's Nitrogen Cycle: Driving Variables & Biogeochemical Fate	9/1/99 -	99106601
	NASA - Natl Aeronautics & Space Admin.		5/31/01	\$22,000
Ojima,Dennis	Natural Resource Ecology Lab	Biological Controls of Terrestrial Carbon Fluxes	9/1/99 -	99100001
	NSF - National Science Foundation		8/31/03	\$2,999,979
Ojima,Dennis	Natural Resource Ecology Lab	Merging Remote Sensing with Measurements & Models	9/1/99 -	99087401
Hanan,Niall P	University of Colorado		8/31/02	\$339,824
Ojima,Dennis	Natural Resource Ecology Lab	Regulation of Nitrogen Fixation in China & Implications for Land Use Change	9/1/99 -	99106001
	NASA - Natl Aeronautics & Space Admin.		8/1/00	\$22,000
Parton,William J	Natural Resource Ecology Lab	Transformation & Stabilization of Dissolved Organic Carbon in Terrestrial Ecosystems	10/1/99 -	99089901
	NSF - National Science Foundation		9/30/02	\$547,640
Stohlgren,Thomas J	Natural Resource Ecology Lab	Integrated Multi-Scale Monitoring & Prediction of Invasive Plant Species on Lands	2/1/00 -	99107701
Reich,Robin M	DOD - US Department of Defense		12/31/03	\$1,298,894
Kalkhan,Mohammed				
Wall,Diana H	Natural Resource Ecology Lab	Effects of Disturbances on the Tropic Structure & Nutrient Dynamics of Tundra Ecosystems	6/1/99 -	99116801
	University of Northern Colorado		5/31/02	\$60,000
Paschke,Mark W	Rangeland Ecosystem Science	Integrated Control of Knapweed & Cheatgrass on Installations	1/1/00 -	99083501
Redente,Edward F	DOD - US Department of Defense		12/31/03	\$1,555,263

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Natural Resources - Proposals

Principal Investigator	Department/Sponsor	Title	Dates	Key # \$Amount
Paschke,Mark W	Rangeland Ecosystem Science NSF - National Science Foundation	Nitrogen Pollution Effects on Nodulation & Dinitrogen Fixation in Rosaceous Actinorhizal Shrubs: A Preliminary...	10/1/99 - 9/30/01	99081901 \$125,826

Natural Sciences - Proposals

Principal Investigator	Department/Sponsor	Title	Dates	Key # \$Amount
Bamburg,James R	Biochemistry & Molecular Bio National Parkinson Foundation	The Role of NF-kB & bcl-2 Proteins in Neuronal Apoptosis	8/1/99 - 7/31/00	99096701 \$40,000
Laybourn,Paul J Paule,Marvin R	Biochemistry & Molecular Bio HHS-NIH-National Institutes of Health	Nucleosome Stripping by Eukaryotic RNA Polymerase I	12/1/99 - 11/30/03	99090001 \$780,171
Luger,Karolin	Biochemistry & Molecular Bio Cancer League of Colorado, Inc.	Structure Determination of the Transcriptional Repressor SATB1 in Complex with a Matrix Attachment Region	7/1/99 - 6/30/00	99108201 \$20,000
Schenck,Craig C	Biochemistry & Molecular Bio NSF - National Science Foundation	Collaborative Research: Light-Harvesting (LH1) Protein Distance Constraints by EPR	7/1/99 - 6/30/02	99085001 \$375,224
Antolin,Michael F	Biology USDA - US Department of Agriculture	Genetics of Host Use in an Oligophagous Parasitoid, <i>Diaeretiella rapae</i>	7/1/99 - 6/1/02	99088001 \$198,691
Baer,Charles F	Biology USDA - US Department of Agriculture	Global & Local Phylogeography of an Introduced Parasitoid Wasp	7/1/99 - 6/30/01	99087701 \$89,919
Bedinger,Patricia A	Biology NSF - National Science Foundation	The Pollen-Pistil Communication Network	6/1/99 - 5/31/04	99095401 \$5,404,964
Herbers,Joan M	Biology NSF - National Science Foundation	Basic Science Training for Environmental Problems	9/1/99 - 8/30/03	99084701 \$275,000
Mykles,Donald L	Biology NSF - National Science Foundation	Muscle Fiber Type Switching in the Lobster Claw	9/1/99 - 8/31/02	99108801 \$93,155
Reddy,Anireddy S N	Biology NSF - National Science Foundation	Genes Encoding Calmodulin-Binding Proteins in Arabidopsis Genome: Identification, Expression & Functional...	8/1/99 - 7/31/04	99090201 \$799,978
Stack,Stephen Anderson,Lorinda Kissler	Biology NSF - National Science Foundation	FISH Mapping of Single Copy Sequences on Spreads of Tomato Synaptonemal Complexes	2/1/99 - 11/30/03	99091001 \$1,194,223
Stein,Fredrick M	Center For Sci, Math & Tech Ed NSF - National Science Foundation	International Telementor Center	6/1/00 - 5/30/03	99100301 \$130,500
Stein,Fredrick M Jones,Christine S Jones,Brian	Center For Sci, Math & Tech Ed NSF - National Science Foundation	Little Shop of Physics	1/1/00 - 12/31/02	99100201 \$120,000
Stein,Fredrick M Chappell,Kelly	Center For Sci, Math & Tech Ed CCHE-Commission on Higher Education	MIDMATH: Aligning Assessment, Instruction & Curriculum to Meet the Needs of Underserved Students in Middle...	4/1/99 - 5/31/00	99108101 \$60,600

Natural Sciences - Proposals

Principal Investigator	Department/Sponsor	Title	Dates	Key # \$Amount
Stein,Fredrick M	Center For Sci, Math & Tech Ed	Rocky Mountain Teacher Education Collaborative	6/1/99 -	99105601
Gliner,Jeffrey A	NSF - National Science Foundation	(RMTEC)	5/31/02	\$600,000
Bernstein,Elliot R	Chemistry	Studies of Neutral Aluminum Oxide, Zirconium Oxide	10/1/99 -	99110001
	DOD-USAF-Office of Scientific Research	& Silicon Carbide Clusters & their Chemistry	9/30/02	\$532,195
Crans,Debbie C	Chemistry	In Vivo Effects of VO ₂ dipic & VO(acac) ₂ in Cats with	12/1/99 -	99091201
Greco,Deborah S	HHS-NIH-National Institutes of Health	Type 2 Diabetes Mellitus	11/30/04	\$1,235,013
Cuddon,Paul A				
Crans,Debbie C	Chemistry	Insulin-Like Effects of Transition Metal Complexes	9/1/99 -	99111801
	HHS-NIH-National Institutes of Health		8/31/01	\$310,934
Finke,Richard G	Chemistry	A Polyoxoanion-Based Fe(II) Catechol Dioxygenase:	6/1/99 -	99093001
	American Chemical Society	Product, Kinetic & Mechanistic Studies	8/31/01	\$60,000
Fisher,Ellen R	Chemistry	Acquisition of XPS Instrumentation for a Departmental	8/1/99 -	99098701
Dorhout,Peter K	NSF - National Science Foundation	Materials Characterization Facility	7/31/00	\$399,000
Levinger,Nancy E	Chemistry	Dynamics of Solvation & Chemical Reactions in	7/1/99 -	99084601
	NSF - National Science Foundation	Restricted Environments	6/30/02	\$452,971
Martin,Charles R	Chemistry	Microhole Electrodes Based on Photoresist	2/1/99 -	99082901
	MRS-Materials Research Society	Polycarbonate Replicas	4/30/99	\$750
Strauss,Steven H	Chemistry	Fundamental Studies of Fluorocarborates & Nonclassical	7/15/99 -	99084501
	NSF - National Science Foundation	Metal Carbonyls	7/14/02	\$628,919
Szamel,Grzegorz	Chemistry	Dependence of Polymer Dynamics on Polymer	9/1/99 -	99094401
	American Chemical Society	Architecture	8/31/02	\$90,000
Bieman,James M	Computer Science	Evaluating the Architectural Design Quality of Object-	7/1/99 -	99093601
	CASI-Colorado Advanced Software Inst.	Oriented Software	6/30/01	\$80,000
Bieman,James M	Computer Science	Software Design Pattern Recognition	8/1/99 -	99098001
	CASI-Colorado Advanced Software Inst.		6/30/00	\$3,000
France,Robert	Computer Science	A Tool Environment Supporting Rigorous Analysis of	5/15/99 -	99100901
	CASI-Colorado Advanced Software Inst.	Unified Modeling Language (UML) Class Diagrams	5/14/00	\$3,000
Vonmayrhauser,Anneliese	Computer Science	Applying Software Testing Principles to Hardware	7/1/99 -	99101901
Anderson,Charles	CASI-Colorado Advanced Software Inst.	Design Verification	6/30/00	\$3,000
Zachmann,David W	Mathematics	Acquisition of Advanced Computing Platforms for	7/1/99 -	99098501
	NSF - National Science Foundation	Enhancement of Research & Training in Computational Mathematical...	6/30/00	\$110,239

Natural Sciences - Proposals

Principal Investigator	Department/Sponsor	Title	Dates	Key # \$Amount
Patton, Carl E	Physics	Yttrium Iron Garnet Thin Films with Minimum	6/1/99 -	99089501
	NSF - National Science Foundation	Microwave Loss - A Colorado State University & Czech...	5/31/02	\$31,482
James, Keith	Psychology	Bridges to the Baccalaureate Degree	9/30/99 -	99096501
	HHS-NIH-Nat Inst of General Medical Sci		9/30/01	\$343,756
James, Keith	Psychology	Bridges to the Doctoral Degree	9/30/99 -	99096601
	HHS-NIH-Nat Inst of General Medical Sci		9/30/01	\$341,050
Taylor, Matthew J	Psychology	The Role of Negative Affect on Alcohol Use &	9/1/99 -	99094201
	Alcoholic Beverage Medical Research Foun	Delinquency Among Rural African American Adolescents	8/31/01	\$78,720

Vet. Medicine & Biomedical Sciences - Proposals

Principal Investigator	Department/Sponsor	Title	Dates	Key # \$Amount
Handa,Robert J	Anatomy & Neurobiology HHS-NIH-National Institutes of Health	Sex Differences in Cocaine Sensitivity	11/1/99 -	99093701
			10/31/03	\$1,124,935
Handa,Robert J	Anatomy & Neurobiology NSF - National Science Foundation	Young Investigator Symposium at the Workshop on Steroid Hormones & Brain Function	1/1/00 -	99110401
			12/31/02	\$24,448
Kinnamon,Sue C	Anatomy & Neurobiology University of Miami	Physiology of Glutamate Receptors in Taste Buds	9/1/99 -	99086801
			8/31/04	\$823,244
Nornes,Howard O	Anatomy & Neurobiology Spinal Cord Society	Activation of Growth and/or Regeneration in Adult Central Nervous System Neurons--Modification of Both Intrinsic...	5/1/99 -	99101601
			6/30/00	\$78,386
Reist,Noreen E	Anatomy & Neurobiology NSF - National Science Foundation	Functional Analysis of Synaptotagmin Domain Structure	7/1/99 -	99082001
			6/30/03	\$458,767
Billinghurst,R. Clark Mcilwraith,C Wayne	Clinical Sciences Morris Animal Foundation	Skeletal Markers in Developmental Orthopaedic Disease of the Horse	9/1/99 -	99114201
			8/31/00	\$36,491
Bright,Janice M Boon,June Anne Ogilvie,Gregory K	Clinical Sciences Morris Animal Foundation	A Clinical Evaluation of Probucol as a Cardioprotectant In Dogs Receiving Doxorubicin Therapy	8/1/99 -	99112601
			1/1/02	\$48,555
Gaynor,James S Hellyer,Peter W	Clinical Sciences Morris Animal Foundation	Comparison of Nalbuphine Versus Morphine for Acute Postoperative Cruciate Pain	7/1/99 -	99113201
			6/30/00	\$8,599
Gaynor,James S	Clinical Sciences Morris Animal Foundation	Force Plate Analysis Of Acupuncture Analgesia Following Stifle Surgery in Dogs	8/1/99 -	99113001
			7/31/00	\$19,419
Hellyer,Peter W Magnusson,Kathy Wagner,Ann E	Clinical Sciences Morris Animal Foundation	Effects of Chronic Pain on N-Methyl-D-Aspartate Receptor Number & Activity: Using Sheep as a Model	8/1/99 -	99112701
			7/30/00	\$28,645
Monnet,Eric	Clinical Sciences Morris Animal Foundation	Evaluation of a LASER Doppler Flowmeter in the Assessment of Mucosal & Serosal Blood Flow in a Canine Model...	7/1/99 -	99114601
			6/30/00	\$10,453
Orton,E Christopher	Clinical Sciences Morris Animal Foundation	Cellular Cardiomyoplasty Using Autogenous Satellite Cells in Dogs	8/1/99 -	99114301
			7/31/00	\$7,435
Powell,Cynthia C Nuhsbaum,M. Tanja Gionfriddo,Juliet R	Clinical Sciences Morris Animal Foundation	The Topical Use of Thalidomide for The Treatment of Chronic Superficial Keratitis in Dogs	8/1/99 -	99112801
			7/31/99	\$19,125
Traub-Dargatz,Josie L Morley,Paul S	Clinical Sciences USDA - US Department of Agriculture	A Population Based Study of Factors Related to Immune Responses in Horses in the United States	10/1/99 -	99085301
			9/30/01	\$277,656

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Vet. Medicine & Biomedical Sciences - Proposals

Principal Investigator	Department/Sponsor	Title	Dates	Key # \$Amount
Wagner,Ann E	Clinical Sciences	Low-Dose Constant Rate Infusion of Ketamine for Post-Operative Analgesia in Dogs	8/1/99 -	99114501
Gaynor,James S	Morris Animal Foundation		7/31/01	\$10,956
Hellyer,Peter W				
Wimsatt,Jeffrey H	Clinical Sciences	Primate Health Care Survey	8/1/99 -	99112901
	Morris Animal Foundation		7/31/00	\$29,993
Withrow,Stephen J	Clinical Sciences	Effects of Intraoperative Radiation on Bone Healing & Joint Tissues	9/1/99 -	99114401
Huber,Douglas James	Morris Animal Foundation		8/31/00	\$30,536
Larue,Susan M				
Voss,James L	Dean Of Vet Medicine	RR99-023 Extramural Research Facilities Construction	9/30/99 -	99104701
	HHS-NIH-National Institutes of Health		9/29/02	\$1,000,000
Bigelow,Philip L	Environmental Health	A Risk Management Program	4/1/99 -	99107601
Stallones,Lorann	DOI-NPS-National Park Service		4/1/00	\$76,203
Morley,Paul S	Environmental Health	A National Study to Examine Risk Factors for Equine Protozoal Myeloencephalitis	1/1/00 -	99084901
	Ohio State University		12/31/00	\$8,310
Morley,Paul S	Environmental Health	Mitigation of Disease in Feedlot Cattle Caused by 3-Methylindole, a Rumen Generated Toxin	11/1/99 -	99085801
	USDA - US Department of Agriculture		10/1/01	\$255,767
Reif,John S	Environmental Health	RF Exposure & Melatonin Levels in Heat Sealer Workers	12/1/99 -	99091301
	University of Washington		11/30/01	\$301,604
Salman,M D	Environmental Health	Establishment of Center for Economically Important Infectious Animal Diseases	3/1/99 -	99091401
	USDA - US Department of Agriculture		2/28/00	\$233,748
Yang,Raymond S H	Environmental Health	Mixture Effect on CNS Development: Integrated Approach	8/1/99 -	99097001
	HHS-NIH-National Institutes of Health		7/31/01	\$145,000
Yang,Raymond S H	Environmental Health	PBPK/PD Model of Kepone: Mechanisms of Toxic Interaction	9/1/99 -	99110501
Andersen,Melvin E	HHS-NIH-National Institutes of Health		8/31/02	\$119,104
Beaty,Barry J	Microbiology	Population Genetic Epizootiology of Sin Nombre Virus	12/1/99 -	99108701
	HHS-NIH-National Institutes of Health		11/30/04	\$1,368,957
Beaty,Barry J	Microbiology	Program Leaders Initiatives	7/1/99 -	99107401
	MacArthur Foundation *		6/30/04	\$125,000
Black,William C Iv	Microbiology	Population Structure & Biogeography of Anopheles Gambiae in Sub-Saharan Africa	10/1/99 -	99087301
	WHO-World Health Organization		9/30/02	\$159,385
Brennan,Patrick Joseph	Microbiology	Cell Wall of M. Tuberculosis: Focus for Drug Discovery	8/1/99 -	99087201
	HHS-NIH-National Institutes of Health		7/31/03	\$3,343,527

Vet. Medicine & Biomedical Sciences - Proposals

Principal Investigator	Department/Sponsor	Title	Dates	Key # \$Amount
Chatterjee,Delphi	Microbiology	Development of Inhibitors of Mycobacterial Cell Wall	10/1/99 -	99083801
	Burroughs-Wellcome Fund Foundation	Biosynthetic	9/30/04	\$2,577,835
Coulter,Gary R	Microbiology	An Extended Analysis of Science Outreach Programs in	2/1/99 -	99089101
	NASA-ARC-Ames Research Center	the Space Life Sciences...	1/31/02	\$2,110,578
Higgs,Stephen	Microbiology	The Immunologic Effects of Salivary Gland Proteins of	10/1/99 -	99085901
	USDA - US Department of Agriculture	Culicoides sonorensis	9/30/02	\$399,838
Klein,Donald A	Microbiology	International Study of Rhizosphere Colonization by	10/1/99 -	99090901
	NSF - National Science Foundation	Trichoderma	9/30/02	\$48,216
Olson,Kenneth E	Microbiology	Sindbis Virus Determinants of Infection in Mosquitoes	12/1/99 -	99094501
	HHS-NIH-National Institutes of Health		11/30/02	\$627,325
Orme,Ian M	Microbiology	Protein Profiles of Indian Tuberculosis Strains	10/1/99 -	99109101
	HHS-NIH-National Institutes of Health		9/30/02	\$111,174
Schweizer,Herbert P	Microbiology	Antiseptics & Multidrug Resistance in Pseudomonas	12/1/99 -	99093501
	HHS-NIH-National Institutes of Health		11/30/04	\$912,810
Demartini,James C	Pathology	Early Pulmonary Carcinogenesis Induced by Jaagsiekte	12/1/99 -	99092401
	HHS-NIH-National Institutes of Health	Sheep Retrovirus (JSRV)	11/30/04	\$389,073
Demartini,James C	Pathology	Sequence Analysis of the Herpesvirus Associated with	8/1/99 -	99085601
	USDA - US Department of Agriculture	Malignant Catarrhal Fever	7/31/01	\$266,232
Demartini,James C	Pathology	The Role of Jaagsiekte Sheep Retrovirus (JSRV) in	4/1/99 -	99101801
	HHS-NIH-National Institutes of Health	Ovine Pulmonary Carcinoma	5/31/02	\$387,441
Hoover,Edward A	Pathology	Experimental Transmission of Cervid Spongiform	7/1/99 -	99086101
	USDA - US Department of Agriculture	Encephalopathy (Chronic Wasting Disease)	6/30/03	\$894,989
Swardson,Christine J	Pathology	The Role of the Duffy Glycoprotein in Murine Malaria	12/1/99 -	99092701
	HHS-NIH-National Institutes of Health	Infections	11/30/03	\$402,832
Clay,Colin	Physiology	Regulation of GnRH Receptor Gene Expression	1/1/00 -	99101101
	HHS-NIH-National Institutes of Health		12/31/04	\$1,519,370
Durham,James S	Radiological Health Sciences	Determination of Self-Absorption for Large Area Smear	10/1/99 -	99101301
	DOE - US Department of Energy	Surveys & Collection Efficiency for Alpha & Beta...	9/30/00	\$48,220
Hakonson,Thomas E	Radiological Health Sciences	An Integrated Phytoextraction Technology for Enhanced	1/1/00 -	99106701
	DOD - US Department of Defense	Depleted Uranium Removal from Soils	12/31/02	\$1,262,033

Vet. Medicine & Biomedical Sciences - Proposals

Principal Investigator	Department/Sponsor	Title	Dates	Key # \$Amount
Hakonson,Thomas E	Radiological Health Sciences EPA - Environmental Protection Agency	Testing Mercury Behavior Against A Paradigm for Radionuclides in Semiarid Watersheds	7/1/99 - 6/30/02	99093401 \$889,166
Larue,Susan M	Radiological Health Sciences Morris Animal Foundation	Evaluation of Mutagenicity of Feline Rabies Vaccines Using AL Assay	9/1/99 - 8/31/02	99112201 \$120,000
Larue,Susan M	Radiological Health Sciences VAFSTF-Vaccine Assoc Feline Sarcoma Task	Evaluation of Mutagenicity of Feline Vaccines (Excluding Rabies) Using the AL Assay	9/1/99 - 8/31/02	99092501 \$125,129
Okayasu,Ryuichi	Radiological Health Sciences HHS-NIH-National Institutes of Health	Cancer & DNA Double Strand Breaks	12/1/99 - 11/30/04	99089701 \$994,258

Other - Proposals

Principal Investigator	Department/Sponsor	Title	Dates	Key # \$Amount
Luevane,Carmen Mendoza	Cooperative Extension	Colorado Students Taking a New Direction (STAND) -	7/1/99 -	99114001
Steele,Douglas L	State of Colorado	Youth Crime Prevention & Intervention	6/30/00	\$50,000
Luevane,Carmen Mendoza	Cooperative Extension	Youth & Young Adult Driving Under the Influence	10/1/99 -	99115101
Steele,Douglas L	Colorado Department of Transportation	Prevention, Decrease Underage Drinking	9/30/00	\$100,000

Section III

**Awards Received
January - March 1999**

Agricultural Sciences - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Loomis,John B	Agric & Resource Economics	A Survey of Public Attitude Toward Fuel Treatment	2/1/99 -	8772
Rideout,Douglas B	USDA-USFS-Pacific SW	Policies	5/31/00	\$167,005
Omi,Philip N				
Belk,Keith	Animal Sciences	Microbial Contamination of Raw Ingredients & Location	1/1/99 -	8217
Sofos,John N	IDEXX Laboratories, Inc.	of Process Control Points for the Manufacturing of	12/31/99	\$104,100
Smith,Gary C		Ground...		
Siciliano,Paul D	Animal Sciences	Assessing Nutritional Effects on Bone Growth in Horses	1/1/99 -	5492
	Morris Animal Foundation	with Dual Energy X-ray Absorptiometry	6/30/00	\$34,700
Smith,Gary C	Animal Sciences	Fabrication & Industry Utilization of Subprimal Cuts	2/1/99 -	5531
Tatum,Joseph D	Natl Cattlemen's Beef Association	From Mature Cow & Bull Carcasses	6/1/99	\$10,000
Belk,Keith				
Whittier,Jack C	Animal Sciences	Comparison of Delivery Costs of Protein Supplements to	12/2/98 -	8218
	Moormans	Beef Cows on Winter Range	6/1/99	\$5,500
Schweissing,Frank C	Arkansas Valley Research Ctr	Arkansas Valley Project	6/23/92 -	6751
	Various "For Profit" Sponsors		12/31/99	\$4,500
Bjostad,Louis B	Bioagricultur Sci & Pest Mgmt	Cooperative Agricultural Pest Survey 1999	10/1/98 -	2160
	USDA-APHIS-Ag & Plant Health Insp Srvc		9/30/99	\$42,245
Bjostad,Louis B	Bioagricultur Sci & Pest Mgmt	Cooperative Agricultural Pest Survey 1999	10/1/98 -	2162
	USDA-APHIS-Ag & Plant Health Insp Srvc		9/30/99	\$15,155
Bjostad,Louis B	Bioagricultur Sci & Pest Mgmt	Cooperative Agricultural Pest Survey 1999	10/1/98 -	2163
	USDA-APHIS-Ag & Plant Health Insp Srvc		9/30/99	\$8,000
Bjostad,Louis B	Bioagricultur Sci & Pest Mgmt	Cooperative Agricultural Pest Survey 1999	10/1/98 -	2165
	USDA-APHIS-Ag & Plant Health Insp Srvc		9/30/99	\$1,800
Brown,William M Jr	Bioagricultur Sci & Pest Mgmt	Cooperative Agricultural Pest Survey 1999	10/1/98 -	2161
Bjostad,Louis B	USDA-APHIS-Ag & Plant Health Insp Srvc		9/30/99	\$4,400
Brown,William M Jr	Bioagricultur Sci & Pest Mgmt	Cooperative Agricultural Pest Survey 1999	10/1/98 -	2164
Bjostad,Louis B	USDA-APHIS-Ag & Plant Health Insp Srvc		9/30/99	\$13,200
Cranshaw,Whitney S	Bioagricultur Sci & Pest Mgmt	Causes of Winter Mortality in Colorado Honey Bees	10/1/98 -	0360
Peairs,Frank B	Colorado Department of Agriculture		9/30/99	\$20,000
Knudson,Dennis L	Bioagricultur Sci & Pest Mgmt	MacArthur Program: Physical Mapping	1/1/90 -	5189
	MacArthur Foundation *		12/31/99	\$29,000

*Sum of awards received January - March 1999.

Awards Received - 1

Agricultural Sciences - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Knudson,Dennis L	Bioagricultur Sci & Pest Mgmt HHS-PHS-AID-Microbio & Infectious Dis Re	Mapping of Filarial Vector Competence in Aedes Aegypti	4/1/98 -	7785
			3/31/03	\$327,975
Mcdonald,Sandra K	Bioagricultur Sci & Pest Mgmt Colorado Farm Bureau	Agricultural Commodity & Pesticide Use Guide for Colorado	8/1/98 -	5532
			5/1/01	\$4,785
Nissen,Scott J Quick,James S	Bioagricultur Sci & Pest Mgmt American Cyanamid Company	Development & Field Testing of Imidazolinone- Resistant (IR) Hard Red Winter Wheat for Management of	10/1/97 -	8205
			9/30/00	\$60,000
Ranu,Rajinder S	Bioagricultur Sci & Pest Mgmt Tagawa Greenhouses, Inc.	Transformation & Regeneration of Pelargonium hortorum sp. with AntiACC Synthase Gene(s)	9/1/96 -	6210
			6/30/01	\$60,000
Ranu,Rajinder S	Bioagricultur Sci & Pest Mgmt Tagawa Greenhouses, Inc.	Transformation & Regeneration of Pelargonium hortorum sp. with AntiACC Synthase Gene(s)	3/1/99 -	8220
			2/28/04	\$98,400
Westra,Philip	Bioagricultur Sci & Pest Mgmt USDA-ARS-Agricultural Research Service	Site-Specific Weed Management to Reduce Herbicide Use in Corn	2/8/99 -	2052
			4/15/00	\$31,241
Hamman Jr,Richard Allen	Horticulture & Landscape Arch Colorado Department of Agriculture	Viticulture & Enology Research for the Colorado Wine Industry	7/1/98 -	0216
			6/30/99	\$6,000
Klett,James E	Horticulture & Landscape Arch Various "Non-Profit" Sponsors	Flower Trial Garden	1/1/91 -	6636
			12/31/99	\$10,020
Koski,Anthony J	Horticulture & Landscape Arch Jacklin Seed Company	Turfgrass Production	7/1/93 -	6853
			6/30/99	\$2,547
Maga,Joseph A	San Luis Valley Research Ctr Potato Administration of Colorado	Potato Quality Evaluations	7/1/97 -	8326
			6/30/98	\$300
Cardon,Grant E Kelly,Eugene F	Soil & Crop Sciences Colorado Dept Public Health & Environ	Evaluation of the Acid-Buffering Capacity & Metal Mobility of Southwest San Luis Valley...	10/1/95 -	0890
			12/31/02	\$20,000
Cardon,Grant E Fenwick,Jack R	Soil & Crop Sciences McMahon Bioconsulting & Stockhausen Chem	Crystalline Polyacrylamide Enhancement of Soil Water Retention & Growth of Row Crops	5/1/97 -	6253
			12/15/98	\$1,500
Kelly,Eugene F Cipra,Jan E	Soil & Crop Sciences USDA-NRCS-Natural Resources Consvtn Srv	Soil Survey & Survey Certificate	10/1/98 -	2058
			9/30/99	\$2,500

*Sum of awards received January - March 1999.

Awards Received - 2

Applied Human Sciences - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Love,Cathleen T	Dean Of Applied Human Sciences	Colorado Organizing for Children, Youth & Families at Risk (CO-CYFAR)	5/1/97 -	2118
Carroll,Jan B	USDA-CSRS-CGP-Competitive Grants Program		3/31/00	\$149,973
Stein,Fredrick M	Dean Of Applied Human Sciences	Rocky Mountain Teacher Education Collaborative	6/15/94 -	3454
Hartley,Nancy K	University of Northern Colorado		5/31/99	\$9,380
Davy,Kevin	Exercise & Sport Science HHS-PHS-Aging Research	Diet & Exercise Effects in Obese Postmenopausal Women	4/1/96 - 3/31/01	7767 \$102,114
Anderson,Jennifer E	Food Science & Human Nutrition Colorado Department of Human Service	Food Stamp Nutrition Education Plan (FSNEP)	10/1/98 - 9/30/99	0332 \$413,828
Anderson,Jennifer E	Food Science & Human Nutrition	Development of a CD-ROM Nutrition Program for Low Income Hispanics	9/30/98 -	7608
Serrano,Elena	HHS-Community Services-Block Grant		9/29/99	\$25,000
Auld,Garry W	Food Science & Human Nutrition Colorado Dept Public Health & Environ	Evaluation of an Elementary School-Based Intervention Focused on Longitudinal 5-A Day Behavior...	10/1/98 - 9/30/99	0358 \$47,991
Fisher,Anne G	Occupational Therapy HHS-PHS-Aging Research	Extending a Performance Evaluation for Gerontology	9/30/93 - 3/31/01	7786 \$231,952
Schelly,Catherine L	Occupational Therapy Foothills Gateway Rehabilitation Center	Community Integrated Employment/ Partnerships in Employment through Natural Supports	7/1/98 - 2/28/99	5643 \$33,007
Schelly,Catherine L	Occupational Therapy Larimer County	Transition to Community Employment	1/1/99 - 6/30/99	5698 \$4,166
Cobb,R Brian	School Of Education University of Minnesota	National Transition Network Project	10/1/98 - 9/30/99	4003 \$35,000
Deniston,Terry L	School Of Education	NEW WAYS	10/1/98 -	0342
Sample,Pat L	Colorado Department of Human Service		3/31/99	\$10,000
Buchan,Victoria	Social Work Poudre Valley Fire Authority	Household & Business Community Survey	7/1/98 - 3/31/99	5513 \$648
Buchan,Victoria	Social Work HHS-CDC-Occup Safety & Health (NIOSH)	High Plains Intermountain Center for Agricultural Health & Safety (HICAHS)	9/30/98 - 9/29/99	7643 \$74,000
Sheafor,Bradford W	Social Work Dr. Scholl Foundation	HABIC Youth Services Expansion	1/1/99 - 12/31/99	5490 \$10,000

*Sum of awards received January - March 1999.

Awards Received - 3

Business - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Francis,G James	Inst For Transportation Mgt	Technology Transfer Program for American Indian	2/1/99 -	1037
Hall,Ronald C	DOT-Federal Highway Administration	Tribal Governments	2/1/04	\$200,000
Menon,Ajay	Marketing	Managing Customer Loyalty	5/15/98 -	5696
	Pennsylvania State University		12/31/99	\$8,200

*Sum of awards received January - March 1999.

Awards Received - 4

Engineering - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Cotton, William R	Atmospheric Science UCAR-NCAR-COMET Atmospheric Tech. Divis.	Assessment of Customized Mesoscale Numerical Weather Prediction Products for Two...	4/1/96 -	1108
			1/31/00	\$36,805
Cotton, William R	Atmospheric Science NASA-Langley Research Center	Large Eddy Simulation of Cirrus Clouds	5/1/98 -	1984
			4/30/01	\$32,000
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 -	2397
			4/30/00	\$163,987
Cox, Stephen K	Atmospheric Science	Design & Testing of a Fiber Optic Radiometer to Study the Horizontal Convergence of Solar Fluxes in Clouds	3/15/99 -	3567
Davis, John M	NSF-GEO-Geosciences		2/28/01	\$125,681
Demott, Paul J	Atmospheric Science	Freezing Characteristics of Soot/Sulfate Aerosols	4/1/98 -	2721
Rogers, David C	Calif. Inst. of Tech/Jet Propulsion Lab		12/31/99	\$96,873
Kreidenweis-Dandy, Sonia M	Atmospheric Science NASA-Goddard	Spatial Integration of Regional Carbon Balance in Amazonia	7/1/98 -	1987
			12/31/99	\$183,643
Denning, A Scott	Atmospheric Science NASA-Goddard	Atmosphere Biosphere Interactions	6/1/98 -	1988
			4/30/00	\$93,000
Denning, A Scott	Atmospheric Science University of Minnesota	Regional Forest-ABL Coupling: Influence on CO2 & Climate	7/1/98 -	3909
			12/31/99	\$36,165
Gray, William M	Atmospheric Science NSF-GEO-Geosciences	Hurricane Inner Core & Outer Radius Structure & Maximum Potential Intensity	2/15/97 -	3173
			1/31/00	\$89,000
Gray, William M	Atmospheric Science Bermuda Biological Station for Research	Effects of El Nino-Southern Oscillation Upon Global Tropical Cyclone Activity	1/1/97 -	5149
			12/31/99	\$32,629
Montgomery, Michael T	Atmospheric Science	Theoretical & Observational Analysis of the Mesoscale Vorticity & Wind Structure in Hurricanes	3/12/99 -	1238
Schubert, Wayne H	DOC-NOAA-Natl Oceanic & Atmospheric Admn		6/30/01	\$142,000
Randall, David A	Atmospheric Science NASA-Goddard	Biosphere-Atmosphere Interactions - A Study of the Energy, Water & Carbon Cycles	11/1/91 -	1961
			4/30/00	\$145,300
Randall, David A	Atmospheric Science DOE - US Department of Energy	Use of ARM Data to Develop & Test Improved Cloud Parameterization for Use in...	12/1/94 -	3822
			1/31/01	\$220,560
Rutledge, Steven A	Atmospheric Science	Validation Studies & Algorithm Refinement in Support of TRMM	6/1/97 -	1962
Stephens, Graeme L	NASA - Natl Aeronautics & Space Admin.		5/31/00	\$199,969

*Sum of awards received January - March 1999.

Awards Received - 5

Engineering - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Schubert, Wayne H	Atmospheric Science NSF - National Science Foundation	Tropical Tropospheric Dynamics	3/15/98 -	3522
			2/28/01	\$127,837
Stephens, Graeme L	Atmospheric Science	Water Vapor in the Climate System	11/1/96 -	1935
Vonderhaar, Thomas H	NASA - Natl Aeronautics & Space Admin.		10/31/99	\$300,000
Stephens, Graeme L	Atmospheric Science	An ARM Spectrally Scanning Radiometer (ASSR) for Measuring Solar Fluxes & Radiances	1/1/97 -	3818
Mccoy, Robert F Jr	DOE-Office of Energy Research		12/31/99	\$207,040
Stephens, Graeme L	Atmospheric Science DOE-Office of Energy Research	The Use of Lidar/Radiometer (LIRAD) In The ARM Program to Obtain Optical Proper...	3/1/98 -	3868
			2/28/01	\$110,000
Batt, Brian C	Chemical & Biores Engineering Corgenix	Development & Scale-Up of a Manufacturing-Scale Purification Process for Hyaluronic Acid Binding Protein	7/1/98 -	6348
			6/30/99	\$17,500
Garcia, Luis	Chemical & Biores Engineering DOI-Bureau of Reclamation	Stream Water Quality Modeling Technology Development	9/30/96 -	1842
			9/30/00	\$24,999
Fox, Douglas G	Cira	Technically Advanced Smoke Evaluation Tools (TASET): Needs Assessment & Feasibility Investigation	12/1/98 -	1866
Eis, Kenneth E	DOI-NPS-National Park Service		9/30/99	\$105,700
Vonderhaar, Thomas H	Cira UCAR-NCAR-COMET Atmospheric Tech. Divis.	Co-Instructor for the COMET Satellite Meteorology Courses SatMet 99-1 & SatMet 99-2	3/1/99 -	1116
Kidder, Stanley Q			4/29/99	\$7,382
Vonderhaar, Thomas H	Cira DOC-NOAA-Natl Oceanic & Atmospheric Admn	Environmental Applications Research	7/1/96 -	1202
			6/30/01	\$1,888,695
Vonderhaar, Thomas H	Cira	Air-Sea Interaction Remote Sensing Processes	6/19/96 -	1204
Frisch, Alfred S	DOC-NOAA-Natl Oceanic & Atmospheric Admn		6/30/01	\$50,551
Abt, Steven R	Civil Engineering Southwest Research Institute	Review of Uranium Recovery Facility Reclamation Plans	5/27/98 -	1059
			9/24/99	\$10,000
Abt, Steven R	Civil Engineering	Skull Valley PFSF Review - TASK I	12/23/98 -	1609
Thornton, Christopher I	Southwest Research Institute		5/18/99	\$7,502
Abt, Steven R	Civil Engineering	Platte River Hydraulic Model Study	12/1/97 -	6285
Brisbane, Thomas E	Love & Associates, Inc.		4/15/99	\$2,750
Thornton, Christopher I	Civil Engineering	Storm Water Vault Model	2/15/99 -	6344
Abt, Steven R			Jensen Precast	6/30/99
Brisbane, Thomas E				

*Sum of awards received January - March 1999.

Awards Received - 6

Engineering - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Abt,Steven R	Civil Engineering	Skull Valley PFSF Review - TASK I	12/23/98 -	9504
Thornton,Christopher I	Southwest Research Institute		5/18/99	\$7,502
Abt,Steven R	Civil Engineering	Skull Valley Wastesite Review-Task II	1/20/99 -	9505
	Southwest Research Institute		5/18/99	\$16,935
Brower,Timothy L	Civil Engineering	A Partnership for the Advancement of Knowledge in the	1/1/98 -	2626
	Lockheed Corporation *	Area of Space Launch Systems & Space Fluid...	12/31/98	\$780
Fontane,Darrell G	Civil Engineering	Management Consultancy & Technical Assistance State	12/27/98 -	9232
	CID-Consortium for Inter. Development	of Orissa, India	1/16/99	\$9,245
Julien,Pierre Y	Civil Engineering	Yucca Mountain Infiltration Paper Review	12/23/98 -	1608
Abt,Steven R	Southwest Research Institute		1/7/99	\$499
Julien,Pierre Y	Civil Engineering	Yucca Mountain Infiltration Paper Review	12/23/98 -	9503
Abt,Steven R	Southwest Research Institute		1/7/99	\$499
Julien,Pierre Y	Civil Engineering	Yucca Mountain Infiltration Paper Review	2/17/99 -	9507
Abt,Steven R	Southwest Research Institute		5/18/99	\$6,993
Podmore,Terence H	Civil Engineering	Irrigation System Planning, Design & Rehabilitation	5/24/98 -	5745
	World Bank		4/30/99	\$31,313
Watson,Chester C	Civil Engineering	Geomorphic Assessment of Lower Mississippi &	8/15/98 -	6055
	Louisiana Hydroelectric, Ltd. Partnershi	Atchafalaya Rivers in Vicinity of Old River Complex	4/15/99	\$24,877
Collins,George J	Electrical Engineering	Employing an External Wire Coil to Inductively Excite a	1/20/99 -	6340
	Spectron/Surgilase Products	Laser Discharge Tube	3/31/99	\$19,998
Nassar,Carl R	Electrical Engineering	Airport Ground Vehicle Communication System	1/1/99 -	2725
	Idris Communications		6/15/99	\$23,333
Rocca,Jorge J G	Electrical Engineering	Research Experience for Graduate Students & their	5/1/98 -	3442
	University of Colorado	Faculty)	4/30/99	\$19,075
Wilmsen,Carl W	Electrical Engineering	Vertical Cavity Surface Emitting Laser (VCSEL) Based	6/1/99 -	3450
Mitkas,Pericles A	NSF - Engineering Grant	Free-Space Processing System for a Biomolecular	5/31/02	\$249,998
		Database Scanner		
Carlile,Craig	Mechanical Engineering	Preservation Science - An Education Project	3/1/99 -	0359
Jackson,Elizabeth A	Colo Dept Higher Educ-Historical Society		8/31/00	\$9,990
Duff,William S	Mechanical Engineering	Developing a Compact Evacuated Collector	1/6/99 -	5683
	Pennsylvania Environmental Resources Ctr	Pasteurization System	4/6/99	\$12,000

*Sum of awards received January - March 1999.

Awards Received - 7

Engineering - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
James,Susan P	Mechanical Engineering Whitaker Foundation	Engineering Total Joint Replacement Materials to Utilize In Vivo Lubrication Mechanisms	1/1/97 -	5432
			12/31/99	\$64,555
Peterson,Michael	Mechanical Engineering USDA-USFS-Forest Products Lab	Elastic Waves in Small Diameter Timber	2/23/99 -	8784
			10/31/01	\$19,994
Radford,Donald W	Mechanical Engineering Montec Associates, Inc.	Materials Science of Polyimide Foams	1/21/99 -	2724
			10/1/99	\$18,746
Radford,Donald W	Mechanical Engineering Univ. California-Los Alamos National Lab	Testing & Analysis on the Atlas Maintenance Unit	11/23/98 -	3912
			12/31/99	\$14,033
Sampath,Walajabad S Mathes,Dan	Mechanical Engineering Metal Container Corporation	Puncture Resistance of Aluminum Cans	9/1/95 -	6133
			12/31/98	\$16,534
Trenka,Andrew R	Mechanical Engineering DOC-NIST-Nat. Inst. Standards & Tech..	Colorado State University/Mid-America Manufacturing Technology Center (CSU/MAMTC) Agreement for 1998-1999	1/15/98 -	1114
			6/30/99	\$900
Willson,Bryan D Hutcherson,Gary	Mechanical Engineering GRI-Gas Research Institute	Emission Reduction & Performance Optimization for Large, Industrial High-Speed...	2/1/98 -	5376
			11/30/99	\$132,072
Willson,Bryan D Hutcherson,Gary	Mechanical Engineering Pacific Environmental Services, Inc.	Purchase of Calibration Gases for Testing to be Conducted	2/24/99 -	5914
			3/31/99	\$11,104
Willson,Bryan D Hutcherson,Gary	Mechanical Engineering Pacific Environmental Services, Inc.	Testing of Control Devices for Reciprocating Internal Combustion Engines	3/19/99 -	5915
			8/31/99	\$261,779
Willson,Bryan D	Mechanical Engineering Transportation Techniques	Development Assistance for Natural Gas Engine for Use in Hybrid Electric Bus	6/1/98 -	6325
			6/30/99	\$69,000
Willson,Bryan D Hutcherson,Gary	Mechanical Engineering Enginuity International, Inc.	Reduction of HAPS & Criteria Pollutants Through Mixing In Large Bore, Two-Stroke Cycle Engines	1/7/99 - 6/1/00	6338 \$370,626

*Sum of awards received January - March 1999.

Awards Received - 8

Liberal Arts - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Browne,Katherine E	Anthropology NSF - National Science Foundation	Through the Lens of Entrepreneurship: A Comparative Study of Gender & Work in the Caribbean	1/1/99 - 12/31/00	3562 \$34,665
Frickman,Linda G	Art Colorado Council on the Arts & Humanitie	Colorado International Invitational Poster Exhibition	1/11/99 - 12/31/99	0356 \$5,500
Frickman,Linda G	Art City of Fort Collins - Fort Fund	Colorado International Invitational Poster Exhibition	2/16/99 - 2/15/00	5547 \$2,000

*Sum of awards received January - March 1999.

Awards Received - 9

Natural Resources - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Anderson,David R	Coop Fish & Wildlife Research USDA-USFS-Pacific SW	Demography & Habitat Relationships of the California Spotted Owl on the Lassen National Forest	3/1/99 -	8789
			9/30/02	\$107,122
Bergersen,Eric P	Coop Fish & Wildlife Research Colorado Division of Wildlife	Landowner Survey	1/12/99 -	0352
			6/30/99	\$11,000
Bergersen,Eric P	Coop Fish & Wildlife Research DOI-USGS-Geological Survey	Development of a Comprehensive Database of Existing Data on Pathogens & Parasites	1/27/98 -	4119
			4/30/99	\$8,500
Kennedy,Patricia L	Coop Fish & Wildlife Research DOI-USGS-Geological Survey	Effects of Water Developments on Breeding Birds in the Little Missouri National Grassland	3/16/99 -	1881
			6/1/01	\$58,417
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	\$10,867
Laituri,Melinda J	Earth Resources Colorado Division of Wildlife	Hydrocoverage for Colorado	1/1/99 -	0347
			6/30/00	\$9,335
Sanford,William E	Earth Resources Denver Museum of Natural History	Measurement of Hydrogeological Parameters for the Denver Basin Drilling Project	1/1/99 -	5697
			12/31/99	\$20,000
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	\$4,288
Wohl,Ellen E	Earth Resources DOD - US Department of Defense	Instrumentation for Disturbance Regimes of Hydrologically Extreme Regions	3/1/99 -	2465
			2/29/00	\$122,562
Bestgen,Kevin R	Fish & Wildlife Biology Metro Wastewater Reclamation District	Fish Screen Efficiency Testing	1/1/99 -	5690
			6/30/99	\$14,868
Clements,William H	Fish & Wildlife Biology School of Mines	Effects of Heavy Metals in Sediments	10/1/98 -	5912
			9/30/01	\$33,950
Clements,William H	Fish & Wildlife Biology Wright State University	Assessment of Sediment Quality Criteria for Heavy Metals	12/1/97 -	5932
			11/30/99	\$16,000
Covich,Alan P	Fish & Wildlife Biology University of Puerto Rico	Long-Term Ecological Research - Luquillo Experimental Forest	10/15/98 -	3448
			11/30/99	\$19,819
Fausch,Kurt D	Fish & Wildlife Biology DOI - US Department of the Interior	Strategies to Reduce the Effects of Brook Trout on Cutthroat Trout Restorations	3/12/98 -	4197
			12/31/99	\$39,000
Flickinger,Stephen A	Fish & Wildlife Biology DOI-Bureau of Reclamation	Southwestern Willow Flycatcher Survey	10/1/98 -	1853
			9/30/99	\$135,000

*Sum of awards received January - March 1999.

Awards Received - 10

Natural Resources - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Flickinger, Stephen A	Fish & Wildlife Biology USDA-NRCS-Natural Resources Consvtn Srv	Wildlife Habitat Management Institute	12/1/97 - 12/31/99	2123 \$22,000
Flickinger, Stephen A Nimmo, Del Wayne R	Fish & Wildlife Biology DOI-National Biological Survey	Research on Stream & Riparian Contaminant Risk Assessment Methods for Monitoring Fish & Wildlife Habitat...	4/1/95 - 9/30/99	4169 \$27,485
Johnson, Brett Michael	Fish & Wildlife Biology DOI-Bureau of Reclamation	Ecological Effects of Reservoir Operations on Blue Mesa Reservoir	4/22/93 - 9/30/00	2842 \$47,105
Kittel, Gwen M	Fish & Wildlife Biology Colorado Department of Natural Resources	Riparian Classification	1/22/99 - 7/31/99	0354 \$1,000
Kittel, Gwen M	Fish & Wildlife Biology Colorado Dept Public Health & Environ	Water Quality Control Division Riparian Classification	2/11/99 - 6/30/99	0357 \$500
Kittel, Gwen M	Fish & Wildlife Biology DOI-BLM-Bureau of Land Management	Riparian Classification of the Lower San Juan & North Platte Watersheds	7/1/98 - 5/31/99	1844 \$10,000
Kittel, Gwen M	Fish & Wildlife Biology DOI-USGS-Geological Survey	Interactive Community Characterization Abstracts for the Colorado Riparian Communities CD-ROM	2/25/99 - 5/30/99	1855 \$14,999
Kittel, Gwen M	Fish & Wildlife Biology DOI-USFWS-Coop Endangered Species Consvr	North Platte Riparian Classification	1/1/99 - 6/30/03	1886 \$10,000
Kittel, Gwen M	Fish & Wildlife Biology DOI-Bureau of Reclamation	Colorado State-wide Riparian Inventory & Classification	8/9/95 - 12/31/98	4156 \$226
Knight, Richard L	Fish & Wildlife Biology USDA-NRCS-Natural Resources Consvtn Srv	Conversion of Ranchland to Rural Housing Developments: Ecological Costs	3/16/99 - 12/31/01	2083 \$10,000
Knight, Richard L	Fish & Wildlife Biology Jefferson County, Colorado	Role of Cliff Habitat in Avian Diversity	9/1/97 - 12/31/99	5354 \$21,301
Knight, Richard L	Fish & Wildlife Biology Pitkin County, Colorado	Wildlife & Plant Communities & Housing Developments	1/1/98 - 5/31/00	5377 \$1,764
Lyon, Margarette J	Fish & Wildlife Biology Colorado Div. of Parks & Outdoor Rec.	Rare Plants Ouray County Brochure	2/5/99 - 6/30/99	0355 \$500
Lyon, Margarette J	Fish & Wildlife Biology Mesa County Colorado	Mountain Island Ranch	8/1/98 - 11/30/98	5691 \$1,500

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Natural Resources - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Noon,Barry R	Fish & Wildlife Biology Northern Arizona University	Predicting the Effects of Ecosystem Fragmentation & Restoration: Management Models for Animal Populations	2/11/98 - 12/31/99	2627 \$39,508
Spackman,Susan	Fish & Wildlife Biology Pitkin County, Colorado	Rare Plants Brochure for Pitkin County	1/1/99 - 12/31/99	5699 \$2,000
Wilson,Kenneth R	Fish & Wildlife Biology Colorado Division of Wildlife	Boreal Toad Habitat Modeling	1/1/99 - 6/30/01	0350 \$10,022
Bettters,David R	Forest Sciences USDA-USFS-Forest Research	Development of a User's Guide for a Windows 95 Version of Spectrum	3/11/99 - 9/30/99	8792 \$12,500
Rideout,Douglas B Loomis,John B Omi,Philip N	Forest Sciences DOI-NPS-National Park Service	Assessing Values at Risk in the United States from Wildland Fires	1/1/99 - 4/1/01	1839 \$116,000
Rideout,Douglas B	Forest Sciences USDA-Cooperative Forestry Assistance	Market Analysis of the Wyoming Timber Situation	2/1/99 - 9/30/99	8776 \$50,500
Shaw,Robert B	Forest Sciences DOD-ARMY	Intergovernmental Personnel Agreement for Eugene Bishop	2/1/99 - 1/31/01	2458 \$256,650
Shaw,Robert B Brozka,Robert J	Forest Sciences DOD-ARMY-Fort Drum, New York	Integrated Training Area Management & Land Rehabilitation Maintenance Program Support at Fort Drum...ON CAMPUS	3/1/99 - 5/31/99	2474 \$1,047
Shaw,Robert B Brozka,Robert J	Forest Sciences DOD-ARMY-Fort Drum, New York	Integrated Training Area Management & Land Rehabilitation & Maintenance Program Support at Fort Drum...OFF CAMPUS	3/1/99 - 5/31/99	2489 \$17,253
Shaw,Robert B Bagley,Calvin F	Forest Sciences DOD-ARMY	Elmendorf Air Force Base Integrated Natural Resources Management Plan, On-Campus	2/17/99 - 2/4/00	2494 \$71,160
Shaw,Robert B Bagley,Calvin F	Forest Sciences DOD-ARMY	Elmendorf Air Force Base Integrated Natural Resources Management Plan, Off-Campus	2/17/99 - 2/4/00	2495 \$3,840
Shaw,Robert B Doe,William W	Forest Sciences DOD-ARMY-Corps of Engineers	Military Training & Land Management Support for the Army Training Support Directorate	11/30/98 - 11/29/99	7317 \$3,000
Shaw,Robert B Doe,William W	Forest Sciences DOD-ARMY-Corps of Engineers	Integrated Training Area Management Program Support for the Training Directorate, ODCSOPS Headquarters	9/14/98 - 9/13/99	7324 \$91,644

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Natural Resources - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Shaw,Robert B	Forest Sciences	Integrated Training Area Management (ITAM) Program	9/14/98 -	7326
Brozka,Robert J	DOD-ARMY-Corps of Engineers	Management for Headquarters, U.S. Army Forces Command	9/14/99	\$84,624
Shaw,Robert B	Forest Sciences	Rocky Mountain Arsenal Technical Support, ON-CAMPUS	8/15/98 -	7394
Brozka,Robert J	DOD-ARMY-Rocky Mountain Arsenal		8/15/99	\$3,322
Shaw,Robert B	Forest Sciences	Rocky Mountain Arsenal Technical Support, OFF-CAMPUS	8/15/98 -	7395
Brozka,Robert J	DOD-ARMY-Rocky Mountain Arsenal		8/15/99	\$24,603
Shaw,Robert B	Forest Sciences	Natural & Cultural Resource Conservation & Resource Management	7/9/98 -	8880
	USDA-USFS-Rocky Mtn. Rsrch Station - CO		7/8/03	\$1,986,865
Shaw,Robert B	Forest Sciences	Environmental Management Administration	9/14/95 -	8900
	USDA-USFS-Rocky Mtn. Rsrch Station - CO		6/30/00	\$8,198
Shaw,Robert B	Forest Sciences	Ecosystem & Habitat Management on Fort McCoy, Wisconsin	9/14/95 -	9117
	USDA-USFS-Rocky Mtn. Rsrch Station - CO		6/30/00	\$26,956
Shaw,Robert B	Forest Sciences	Land Management System & Army Training & Testing Area Carrying Capacity Program Support for USA-CERL	9/14/95 -	9118
Bagley,Calvin F	USDA-USFS-Rocky Mtn. Rsrch Station - CO		6/30/00	\$32,893
Shaw,Robert B	Forest Sciences	Integrated Natural Resources Management Plan for US Army Reserve, Kingsbury, Indiana Training Area	9/14/95 -	9120
	USDA-USFS-Rocky Mtn. Rsrch Station - CO		6/30/00	\$8,093
Shaw,Robert B	Forest Sciences	Natural Resources Monitoring Program Support for Fort Huachuca, AZ	9/14/95 -	9121
Brozka,Robert J	USDA-USFS-Rocky Mtn. Rsrch Station - CO		6/30/00	\$48,956
Shaw,Robert B	Forest Sciences	Demonstration of Improved Revised Universal Soil Loss Equation (RUSLE) LS Factor	9/14/95 -	9122
Bagley,Calvin F	USDA-USFS-Rocky Mtn. Rsrch Station - CO		6/30/00	\$26,448
Shaw,Robert B	Forest Sciences	Research to Perform Population Modeling to Evaluate Training Impacts on Endangered Species (CERL)	9/14/95 -	9123
Bagley,Calvin F	USDA-USFS-Rocky Mtn. Rsrch Station - CO		6/30/00	\$40,625
Shaw,Robert B	Forest Sciences	Population Trends of Golded-Cheeked Warblers & Black-Capped Vireos on Camp Bullis, Texas	9/14/95 -	9124
	USDA-USFS-Rocky Mtn. Rsrch Station - CO		6/30/00	\$6,008
Shaw,Robert B	Forest Sciences	Urban Forest Survey on Fort McCoy, Wisconsin	9/14/95 -	9125
Brozka,Robert J	USDA-USFS-Rocky Mtn. Rsrch Station - CO		6/30/00	\$10,017
Shaw,Robert B	Forest Sciences	Exotic Plant Species Management at Fort McCoy, Wisconsin	9/14/95 -	9126
Brozka,Robert J	USDA-USFS-Rocky Mtn. Rsrch Station - CO		6/30/00	\$13,817

*Sum of awards received January - March 1999.

Natural Resources - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Shaw,Robert B	Forest Sciences	Fort McCoy Building Documentation	9/14/95 -	9127
	USDA-USFS-Rocky Mtn. Rsrch Station - CO		6/30/00	\$17,660
Stafford,Susan G	Forest Sciences	Web-Based Integration of Distributed Research Databases	2/1/99 -	3445
	Oregon State University		8/31/00	\$25,583
Manfredo,Michael J	Nat Res Recreation & Tourism DOI-NPS-National Park Service	Planning & Design of an Organized Research Program for RMNP	2/1/99 -	1861
			2/1/00	\$45,217
Wallace,George N	Nat Res Recreation & Tourism DOI-Bureau of Reclamation	A Study of Boater Recreation at Lake Berryessa, California: Phase I	5/29/98 -	2906
			9/30/99	\$11,960
Wallace,George N	Nat Res Recreation & Tourism Mine Reclamation Corporation	Eagle Mountain Project: Phase I	4/16/98 -	6319
			7/1/99	\$3,717
Baron,Jill	Natural Resource Ecology Lab EPA-Environmental Educ & Training Prog	Processes Controlling Nitrogen Retention & Export in High Elevation Rocky Mountain Watersheds	8/24/98 -	5865
			8/31/99	\$658
Binkley,Daniel E	Natural Resource Ecology Lab	Sustainability of Natural Vegetation Communities	9/1/98 -	1805
Singer,Francis J	DOI-USGS-Geological Survey	Grazed by Elk in Rocky Mountain National Park	9/1/99	\$3,000
Binkley,Daniel E	Natural Resource Ecology Lab	Sustainability of Natural Vegetation Communities	2/1/99 -	1849
			DOI-USGS-Geological Survey	11/30/99
Coughenour,Michael B	Natural Resource Ecology Lab DOI-USGS-Geological Survey	Spatial Ecosystem Modeling of Yellowstone Bison & their Environments	6/1/97 -	1705
			5/30/02	\$7,589
Coughenour,Michael B	Natural Resource Ecology Lab DOI-USGS-Geological Survey	Ecological Studies of the Jackson Bison & Elk Herds	9/1/97 -	1737
			11/15/01	\$39,557
Ellis,James	Natural Resource Ecology Lab	Living with Uncertainty	12/1/98 -	1335
Galvin,Kathleen	North Dakota State University		10/31/00	\$38,000
Coughenour,Michael B				
Gross,John E	Natural Resource Ecology Lab	Applying Dynamic Modeling & Adaptive Management	12/15/98 -	1445
Lubow,Bruce C	USDA-CSRS-CGP-Competitive Grants Program	to Brucellosis	12/31/01	\$250,000
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..	2/23/99 -	1872
			3/31/00	\$78,304
Hobbs,N Thompson	Natural Resource Ecology Lab DOI-NPS-National Park Service	Analysis of Alternatives for Elk Population Management in Rocky Mountain National Park	5/1/99 -	1885
			11/1/00	\$71,920

*Sum of awards received January - March 1999.

Awards Received - 14

Natural Resources - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Parton,William J	Natural Resource Ecology Lab University of Puerto Rico	Long-Term Ecological Research on the Luquillo Experiment Forest	10/15/98 -	3449
			11/30/99	\$14,043
Paustian,Keith H	Natural Resource Ecology Lab USDA-ARS-Agricultural Research Service	U.S. Agroecozones using GIS Colorado	5/21/96 -	2074
			5/16/01	\$49,503
Singer,Francis J Elliott,Edward T	Natural Resource Ecology Lab DOI-National Biological Survey	Large Mammalian Herbivores, Plant Interactions, & Ecosystem Processes in Five National Parks	3/26/95 -	4147
			11/30/99	\$48,275
Burke,Ingrid C Lauenroth,William K	Rangeland Ecosystem Science NSF-Biological Centers	Long Term Ecological Research Program: Shortgrass Steppe	2/1/97 -	3033
			1/31/03	\$129,939
Burke,Ingrid C Lauenroth,William K	Rangeland Ecosystem Science NSF-Biological Centers	Long Term Ecological Research Program: Shortgrass Steppe (REU supplement)	3/17/97 -	3201
			1/31/00	\$10,000
Child,Dennis R	Rangeland Ecosystem Science DOI-BLM-Bureau of Land Management	Vegetation Cover Project - Canon City District	7/6/98 -	1777
			11/30/98	\$3,000
Redente,Edward F	Rangeland Ecosystem Science DOD-ARMY-CERL-Const. Engineer. Res. Lab.	Cooperative Work/Education Agreement for Rebecca Addington	10/1/97 -	2457
			9/30/98	\$72

*Sum of awards received January - March 1999.

Natural Sciences - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Laybourn,Paul J	Biochemistry & Molecular Bio NSF-Biological Centers	Biochemical Analysis of PH05 Gene Regulation	8/1/95 - 7/31/99	3252 \$21,750
Lumb,Kevin J	Biochemistry & Molecular Bio HHS-PHS-Genetics Research	Mechanism of Cyclin A-Cdk2 Inhibition by p57	1/1/97 - 12/31/01	7699 \$98,665
Lumb,Kevin J	Biochemistry & Molecular Bio HHS-PHS-Genetics Research	Mechanism of Cyclin A-Cdk2 Inhibition by p57	1/1/97 - 12/31/01	7800 \$10,128
Nyborg,Jennifer K	Biochemistry & Molecular Bio HHS-NIH-NCI-National Cancer Institute	Tax Deregulation of Gene Expression Through CBP	1/1/99 - 12/31/03	7646 \$13,997
Morrison,Joan L	Biology Ford Foundation	Ecology of an Avian Predator in Southern Chile's Fragmented Rainforest	1/1/99 - 5/19/00	5530 \$1,000
Packard,Gary C	Biology NSF-Biological Centers	Strategies for Overwintering by Hatchlings of Northern Turtles	6/1/97 - 5/31/00	3189 \$58,000
Packard,Gary C	Biology NSF-Biological Centers	Strategies for Overwintering by Hatchlings of Northern Turtles	6/1/97 - 5/31/00	3570 \$9,375
Reddy,Anireddy S N	Biology	Gravity-Induced Changes in Gene Expression in	9/22/97 -	1949
Mykles,Donald L	NASA - Natl Aeronautics & Space Admin.	Arabidopsis	3/31/00	\$111,000
Sadeh,Willy Z				
Stack,Stephen	Biology NSF-Biological Centers	Mapping Recombination Nodules on Synaptonemal Complexes of Maize	3/1/98 - 2/28/02	3511 \$103,048
Stack,Stephen	Biology NSF-Biological Centers	Mapping Recombination Nodules on Synaptonemal Complexes of Maize	3/1/98 - 2/28/02	3515 \$4,875
Stein,Fredrick M	Center For Sci, Math & Tech Ed Hewlett Packard *	Telementoring Program	10/5/98 - 5/31/99	6041 \$65,000
Anderson,Oren P	Chemistry Heska Corporation (Paravax) *	Crystallographic Studies of Proteins	7/1/98 - 12/31/98	6346 \$5,000
Bernstein,Elliot R	Chemistry DOD-ARMY-ARO-Army Research Office	Initial Steps in the Decomposition of Energetic Materials: Pathways Involving Their Excited Electronic States & ...	9/28/98 - 12/27/99	2381 \$75,000
Grainger,David W	Chemistry HHS-PHS-Biophysics & Physiological Sci.	Surface Chemistry Influences on Cell Signalling & Proliferation	1/1/98 - 12/31/02	4471 \$119,973

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Natural Sciences - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Grainger,David W	Chemistry Oregon Health Sciences University	Interfacial Phase Behavior of Pulmonary Surfactant	1/29/99 -	7522
			7/31/99	\$27,305
Greenberg,Marc M	Chemistry NSF - National Science Foundation	Colorado State University Department of Chemistry Undergraduate Summer Research Program	2/1/97 -	3182
			1/31/00	\$53,000
Hegedus,Louis S	Chemistry HHS-PHS-Pharmacology & Biorelated Chem	Organometallic Syntheses of Bioactive Compounds	4/1/79 -	4418
			3/31/00	\$248,455
Martin,Charles R	Chemistry Physical Sciences, Inc.	Advanced Carbon Nanotube Membrane for Direct Methanol Fuel Cell	1/1/99 -	3444
			6/30/99	\$27,000
Shi, Yian	Chemistry NSF-MPS-Mathematical & Physical Sciences	Exploring New Reactive Species for Cyclopropanation	1/1/99 -	3561
			12/31/01	\$170,000
Stermitz, Frank R	Chemistry NSF - National Science Foundation	Alkaloids of Importance in Plant-Insect Interactions	5/1/97 -	3206
			4/30/00	\$94,000
Strauss, Steven H	Chemistry NSF-MPS-Mathematical & Physical Sciences	Weakly Coordinating Anion-Activated Ni-and Pd- Catalysts for Polymerizing Norbornene & Other Polycyclic	3/1/99 -	3563
			2/28/02	\$300,000
Williams, Robert M	Chemistry NSF-MPS-Mathematical & Physical Sciences	The Asymmetric Synthesis of Alpha-Amino Acids	5/1/98 -	3526
			4/30/01	\$105,000
Williams, Robert M	Chemistry HHS-PHS-NCI-Cancer Treatment Center	Synthesis & Mechanism of Cross-Linking of FR900482	4/1/92 -	4420
			3/31/00	\$195,961
Anderson, Charles	Computer Science CASI-Colorado Advanced Software Inst.	East Generation of NURBS Surfaces from Polygonal Mesh Models of Human Anatomy	8/1/98 -	0351
			7/31/99	\$39,997
Malaiya, Yashwant K	Computer Science DOD-NAVY-ONR-Office of Naval Research	Achieving Ultra-Reliability in Critical Systems	6/1/96 -	2312
			5/30/99	\$37,849
Najjar, Walid A	Computer Science DOD-USAF-Wright Patterson AFB	Optimized Compilation of Visual Programs for Image Processing on Adaptive...	5/5/98 -	7375
			5/4/01	\$398,111
Beveridge, J Ross	Dean Of Natural Sciences Arizona State University	Western Alliance to Expand Student Opportunities- Study Workshops in the Sciences	2/12/99 -	3447
			2/12/00	\$126
Patton, Carl E	Physics NSF-MPS-Mathematical & Physical Sciences	The Fundamental Physics of Envelope Solitons- Microwave Solitons in Magnetic Films	8/15/98 -	3547
			8/14/01	\$45,745

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Natural Sciences - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
She, Chiaoyao	Physics	A Sodium Lidar Transmitter for Wind & Temperature	3/1/99 -	2470
	DOD-Basic, Applied, and Advanced Rsrch	Measurements at Arctic Lidar Observatory for Middle Atmosphere...	2/29/00	\$588,682
She, Chiaoyao Krueger, David A	Physics	Colorado State Sodium Lidar Update for CEDAR-	3/1/99 -	3564
	NSF-GEO-Geosciences	TIMED Science Studies	2/29/00	\$90,000
Sites, James R	Physics	Device Physics of Thin-Film Polycrystalline Solar Cells	1/20/98 -	9343
	Midwest Research Institute - NREL		1/19/01	\$103,500
Rosen, Lee A	Psychology	School Consultation / Special Education	9/1/91 -	5625
	Poudre School District R-1		6/4/99	\$2,000
Givens, Geof H	Statistics	Computer-Intensive Aboriginal Whaling Management	11/11/98 -	1115
	DOC-NOAA-NMFS-Nat. Marine Fishery Srvc.	Procedure Simulation & Optimization	5/1/99	\$6,000
Givens, Geof H	Statistics	CAREER; Bayesian Simulation Modeling	8/15/99 -	3569
	NSF-MPS-Mathematical & Physical Sciences		7/31/02	\$50,000
Tweedie, Richard	Statistics	Markov & Related Models, with Applications to MCMC	7/1/98 -	3537
	NSF-MPS-Mathematical & Physical Sciences	& Networks	6/30/01	\$54,500

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Vet. Medicine & Biomedical Sciences - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Dudek,F Edward	Anatomy & Neurobiology HHS-PHS-Biol Basis Research in Neurosci	Local Interactions Between Hippocampal Neurons	2/12/99 - 1/31/03	4492 \$264,425
Dudek,F Edward Suter,Kelly	Anatomy & Neurobiology HHS-PHS-Biol Basis Research in Neurosci	Electrophysiology of GnRH/NonGnRH Neurons	11/1/97 - 10/31/99	4908 \$36,700
Kinnamon,Sue C	Anatomy & Neurobiology HHS-NIH-NIDCD-Deafness & Other Comm. Dis	Electrophysiology of Taste Transduction	4/1/90 - 3/31/04	4493 \$197,163
Magnusson,Kathy	Anatomy & Neurobiology HHS-PHS-Aging Research	Age-Related Changes in Glutamate Receptors	1/20/95 - 12/31/99	4403 \$79,935
Magnusson,Kathy Partin,Kathryn M	Anatomy & Neurobiology HHS-PHS-Aging Research	Functional NMDA Receptor Changes in Prefrontal Cortex	4/1/99 - 3/31/00	4494 \$72,500
Pickard,Gary E	Anatomy & Neurobiology HHS-PHS-Biol Basis Research in Neurosci	Cross-Species Transplantation of Circadian Behavior	4/1/91 - 1/31/00	4429 \$210,679
Bright,Janice M Orton,E Christopher Mama,Khursheed R	Clinical Sciences Robert H. Winn (Winn Feline) Foundation	A Randomized Investigation of the Effects of Pentoxifylline on Left Ventricular Performance & Clinical Status...	3/2/99 - 6/30/01	5499 \$12,996
Grauer,Gregory F	Clinical Sciences Iams Company	Comparison of Two Dietary Approaches to Managing Chronic Renal Failure	1/15/99 - 2/28/02	6341 \$24,225
Greco,Deborah S	Clinical Sciences Robert H. Winn (Winn Feline) Foundation	Comparison of Glycemic Control in Diabetic Cats Receiving Acarbose or Acarbose Combined with Vanadium Compounds	3/2/99 - 6/30/00	5494 \$15,000
Kawcak,Christopher E Mcilwraith,C Wayne Norrdin,Robert W	Clinical Sciences AO Vet Centre	The Effects of Exercise on Subchondral Bone of the Equine Proximal Sesamoid Bones	10/1/98 - 9/30/99	6349 \$5,000
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 \$105,399
Monnet,Eric	Clinical Sciences Cohesion Corporation	Evaluation of a Cohesion Polymer to Seal the Femoral Artery Puncture Hole after Catheter Introducer Placement	1/4/99 - 2/4/00	6337 \$6,002
Monnet,Eric	Clinical Sciences Keystone Biomedical, Inc.	Effect of Exochelin on Smooth Muscle Proliferation in a Porcine Model: Pilot Study	1/1/99 - 1/1/00	6339 \$22,669
Ogilvie,Gregory K	Clinical Sciences Bayer Company	BAY-TNT Basic Science Study	1/1/99 - 12/31/02	6342 \$573,374

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Vet. Medicine & Biomedical Sciences - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Scherpelz, Judith A	Clinical Sciences Colorado Division of Wildlife	Rocky Mountain Raptor Program	1/18/99 -	0353
			6/30/99	\$7,500
Turner, Anthony Simon	Clinical Sciences Steadman Hawkins Research Foundation *	Augmentation of Rotator Cuff Healing with Platelet Derived Growth Factor (PDGF) & Bone Morphogenetic Protein (BMP-II)...	12/1/98 -	5484
			11/30/99	\$32,063
Turner, Anthony Simon	Clinical Sciences Medisystems Corporation	Evaluation of a Drip Chamber with Filter Used in Extracorporeal Circuits for Hemodialysis: A Study in Sheep	2/17/99 -	6345
			3/22/99	\$14,480
Turner, Anthony Simon	Clinical Sciences Sulzer Innotec, Winterthur, Switzerland	Articular Cartilage Repair Using Bone Protein (BP): Full Thickness & Osteochondral Defects in Sheep Knee Joints	4/1/99 -	6350
			12/31/99	\$31,366
Wimsatt, Jeffrey H	Clinical Sciences Schering-Plough Corporation	GALD Evaluation & NVSL-CDV Challenge in a Susceptible Population: Safety, Efficacy & Potency Testing in...	2/1/99 -	6347
			1/31/00	\$16,977
Nuckols, John R	Environmental Health Impact Assessment, Inc.	Exposure Assessment Feasibility Study	10/1/98 -	7520
			6/1/99	\$24,960
Pott, Wendy A	Environmental Health HHS-PHS-Cancer Research Manpower	Arsenic-Containing Mixtures in Angiosarcoma Induction	2/15/97 -	7748
			1/31/02	\$57,801
Reif, John S	Environmental Health Battelle Columbus Division	Canine Bladder Cancer Risk & Exposure to Chlorinated Water Disinfection By-products	12/1/98 -	6343
			9/30/99	\$40,000
Stallones, Lorann	Environmental Health Marshfield Medical Research Foundation	Childhood Agricultural Injury Prevention	2/1/99 -	5552
			7/30/99	\$5,000
Beaty, Barry J	Microbiology MacArthur Foundation *	MacArthur Program: Vector Molecular Biology	1/1/90 -	5187
			12/31/99	\$116,170
Beaty, Barry J	Microbiology MacArthur Foundation *	MacArthur Course: Biology of Disease Vectors	7/1/90 -	5205
			12/31/99	\$4,808
Beaty, Barry J	Microbiology MacArthur Foundation *	Vector Molecular Biology Institutes	1/1/95 -	5401
			12/31/99	\$13,713
Beaty, Barry J Marquardt, William	Microbiology MacArthur Foundation *	Distribution of a Textbook, Biology of Disease Vectors	12/1/94 -	5402
			12/31/98	\$841
Belisle, John T Spencer, John S	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	Glycoproteins of Mycobacterium Tuberculosis	2/1/99 -	4490
			1/31/04	\$188,915

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Awards Received - 20

Vet. Medicine & Biomedical Sciences - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Black,William C Iv	Microbiology	Molecular Taxonomy of Lyme Disease Vector Species	3/1/97 -	4437
Hutcheson,Harry Joel	HHS-NRSA-Nat. Research Service Award		2/29/00	\$38,368
Black,William C Iv	Microbiology	Genetics of Transovariole Transmission	4/1/97 -	4439
	HHS-PHS-Public Health Services		3/31/00	\$122,364
Black,William C Iv	Microbiology	Vector Molecular Biology - Genetic Mapping	1/1/92 -	5230
	MacArthur Foundation *		12/31/99	\$18,000
Gentry-Weeks,Claudia R	Microbiology	Interaction of Enterococcus Faecalis With Macrophages	2/15/99 -	4491
	HHS-PHS-AID-Microbio & Infectious Dis Re		1/31/04	\$126,565
Orme,Ian M	Microbiology	Aging & Immunity to Tuberculosis	9/1/86 -	4431
	HHS-PHS-Aging Research		12/31/01	\$235,964
Schweizer,Herbert P	Microbiology	Analysis of Pseudomonas Autoinducer-Regulated Proteins	4/1/99 -	5493
	Cystic Fibrosis Foundation		3/31/01	\$43,125
Benjamin,Stephen A	Pathology	Promotion of Hepatic Neoplasia by PCB Mixtures	4/1/98 -	4476
Dean,Charles E	HHS-NIH-Bio Resp to Env Health Hazards		3/31/03	\$63,517
Frank,Anthony A	Pathology	Dedicated Prion Research Lab - Remodel, Equipment & Supplies	7/1/98 -	0309
	Colorado Division of Wildlife		6/30/00	\$150,000
Frank,Anthony A	Pathology	Dedicated Prion Research Laboratory - Surveillance Program	6/1/98 -	6324
	Colorado Beef Council		5/31/01	\$6,000
Hoover,Edward A	Pathology	Type 1 vs Type 2 Cytokine Response During FIV Infection	3/1/97 -	4435
Avery,Paul R	HHS-PHS-AID-Microbio & Infectious Dis Re		2/28/01	\$76,979
Hoover,Edward A	Pathology	FIV Model of in Utero HIV Infection & Intervention	3/1/97 -	4436
Rogers,Arlin B	HHS-PHS-AID-Microbio & Infectious Dis Re		2/28/01	\$77,042
Hoover,Edward A	Pathology	Pathogenesis of Feline Immunodeficiency Virus Infection	1/1/98 -	4469
	HHS-PHS-AID-Microbio & Infectious Dis Re		12/31/02	\$377,324
Thrall,Mary Anna	Pathology	Niemann-Pick Type C: Investigations in a Feline Model	1/1/98 -	4912
Somers,Kyra Lynn	HHS-PHS-Diabetes, Endocrin. & Metab. Res		12/31/99	\$38,368
Titus,Richard G	Pathology	Role of Sand Fly & Tick Saliva in Disease	2/1/98 -	4473
	HHS-PHS-AID-Microbio & Infectious Dis Re		1/31/03	\$286,371
Anthony,Russell V	Physiology	IUGR: Early Placental Development & Function	9/15/98 -	7501
	University of Colorado Health Sci Ctr		6/30/01	\$66,444

*Sum of awards received January - March 1999.

Vet. Medicine & Biomedical Sciences - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Phillips,Robert W	Physiology NASA-ARC-Ames Research Center	Augment the Existing NASA/Ames Research Center- CSU Cooperative Agreement	11/1/97 -	1955
			1/31/00	\$57,547
Roess,Deborah A	Physiology HHS-PHS-NCI-Cancer Treatment Center	Membrane Events Following Hormone Binding to LH Receptor	7/1/87 -	7761
			3/31/01	\$129,482
Squires,Edward L	Physiology Pfizer Inc - Animal Health	Doramectin Study	3/1/97 -	6232
			10/31/98	\$35,000
Tamkun,Michael	Physiology HHS-PHS-Research for Mothers & Children	Molecular Physiology of Uterine Sodium Channels	6/1/96 -	7765
			11/30/99	\$2,980
Larue,Susan M	Radiological Health Sciences Morris Animal Foundation	Investigation of Tumor Cytogenetics & Biology of Feline Vaccine Induced Sarcomas	10/1/97 -	5453
			9/30/00	\$9,992
Lett,John T	Radiological Health Sciences DOD - US Department of Defense	Response of Leukemic Cells & Transfections to X-rays & Heat Treatments	2/2/99 -	2500
			3/31/00	\$5,000
Waldren,Charles A	Radiological Health Sciences HHS-NIH-NCI-National Cancer Institute	Cell Genetic Damage at Low Dose & Low Dose Rate	9/1/84 -	7649
			1/31/01	\$7,904
Waldren,Charles A	Radiological Health Sciences HHS-NIH-NCI-National Cancer Institute	Cell Genetic Damage at Low Dose & Low Dose Rate	9/1/84 -	7733
			1/31/01	\$285,869

*Sum of awards received January - March 1999.

Other - Awards

Principal Investigator	Department/Sponsor	Title	Dates	Proj # \$Amount*
Sommers, Lee E	Agric Experiment Station	Agricultural Research	10/1/98 -	2049
	USDA-CSRS-Coop. States Research Service		9/30/99	\$20,000
Deguzman, Glenn	Asian/Pacific American Stu Ser	Asian Fest	2/16/99 -	5545
Ahuna, Linda	City of Fort Collins - Fort Fund		2/15/00	\$1,500
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	\$15,000
Anderson, Jennifer E	Cooperative Extension	Food Stamp Nutrition Education Plan (FSNEP)	10/1/98 -	0333
	Colorado Department of Human Service		9/30/99	\$1,161,340
Gray, Mary Mcphail	Cooperative Extension	Colorado Extension Community Policing Project	9/29/98 -	0346
Standing Bear, Zug G	Div. of Criminal Justice/CO Dept Pub Saf		9/30/99	\$109,178
Miller-Heyl, Janet L	Cooperative Extension	DARE TO BE YOU -- Training / Workshops	1/1/93 -	5671
	Various "Non-Profit" Sponsors		3/19/99	\$2,758
Miller-Heyl, Janet L	Cooperative Extension	EvenStart Family Classes	1/6/99 -	5695
	Pinon Project Family Centers		5/30/99	\$8,498
Rewerts, Milan A	Cooperative Extension	Department of Local Affairs - Loveland (Mineral Impact	1/1/99 -	0348
	Colorado Department of Local Affairs	Funds)	12/31/99	\$80,000
Rewerts, Milan A	Cooperative Extension	Department of Local Affairs - Pueblo (Mineral Impact	1/1/99 -	0349
	Colorado Department of Local Affairs	funds)	12/31/99	\$80,000
Steele, Douglas L	Cooperative Extension	Fort Carson Child & Youth Services Youth Program	4/19/98 -	7314
	DOD-ARMY-Fort Carson		6/30/99	\$6,132
Cook, Alicia Skinner	International Programs	Thematically Limited Projects for Regional Groups of	3/29/99 -	5746
	USIA-International Visitors Program	International Visitors-Africa & Economic Development	9/30/99	\$44,652
Cook, Alicia Skinner	International Programs	East Anatolia Watershed Training Project -	11/8/94 -	9209
	CID-Consortium for Inter. Development	Administration	3/12/00	\$125,675
Niehaus, Merle H	Intl Research & Development	East Anatolia Watershed Training Project -	11/8/94 -	9210
	CID-Consortium for Inter. Development	Communication	3/12/00	\$9,649
Neth, Cara J	Presidents Office	Multicultural Commission Community Forum	2/16/99 -	5554
	City of Fort Collins - Fort Fund		2/15/00	\$600
Carrothers, Ruth A	Women'S Programs & Studies	Sexual Assault Prevention Through Peer Education:	1/1/97 -	5145
	CCASA-CO Coalition Against Sexual Asslt	Secondary & Post Secondary Model	3/31/99	\$18,829

*Sum of awards received January - March 1999.