

**Office of Vice President for Research
and
Information Technology**

**Research Proposals Submitted
and
Research Awards Received**

Annual Report

July 1, 1997 - June 30, 1998

Research Proposals Submitted *and* Research Awards Received

July 1, 1997 through June 30, 1998

Foreword

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

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

Foreword continued

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

PROPOSALS

<u>FY</u>	<u>QTR</u>	<u>College</u>	<u>Department</u>	<u>Sponsor</u>	<u>Years</u>	<u>\$ Amount</u>
93-94	2 nd	Natural Resources	Range Land Science	DOD	5	\$122 million
	4 th	Veterinary Medicine & Biomed. Sci.	Environmental Health	HHS	5	\$11 million
94-95	2 nd	Natural Resources	Forest Sciences	DOD	5	\$36 million
	3 rd	Veterinary Medicine & Biomed. Sci.	Rad Hlth Sci	HHS	5	\$13 million
95-96	1 st	Engineering	CIRA	DOC/NOAA	5	\$80 million
96-97	1 st	Engineering	Mechanical Engineering	DOC	1	\$10 million
	1 st	Veterinary Medicine & Biomed. Sci.	Environmental Health (x2)	HHS	5	\$6 million
	3 rd	Engineering	Civil Engineering	NSF	5	\$10 million
	3 rd	Engineering	Mechanical Engineering	KSU/DOC	5	\$6 million
98	1 st	Veterinary Medicine & Biomed. Sci.	Environmental Health	HHS	5	\$6 million
	3 rd	Natural Resources	NREL	NSF	5	\$22 million
	4 th	Engineering	CIRA	DOD	4	\$7 million
	4 th	Natural Sciences	Psychology	HHS	5	\$6 million

AWARDS

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

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Section III

Detailed List of Awards Received for Current Fiscal Year	
Sequential within College by Department Name	Awards - 1

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

Please forward any comments, address changes or corrections to:

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

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

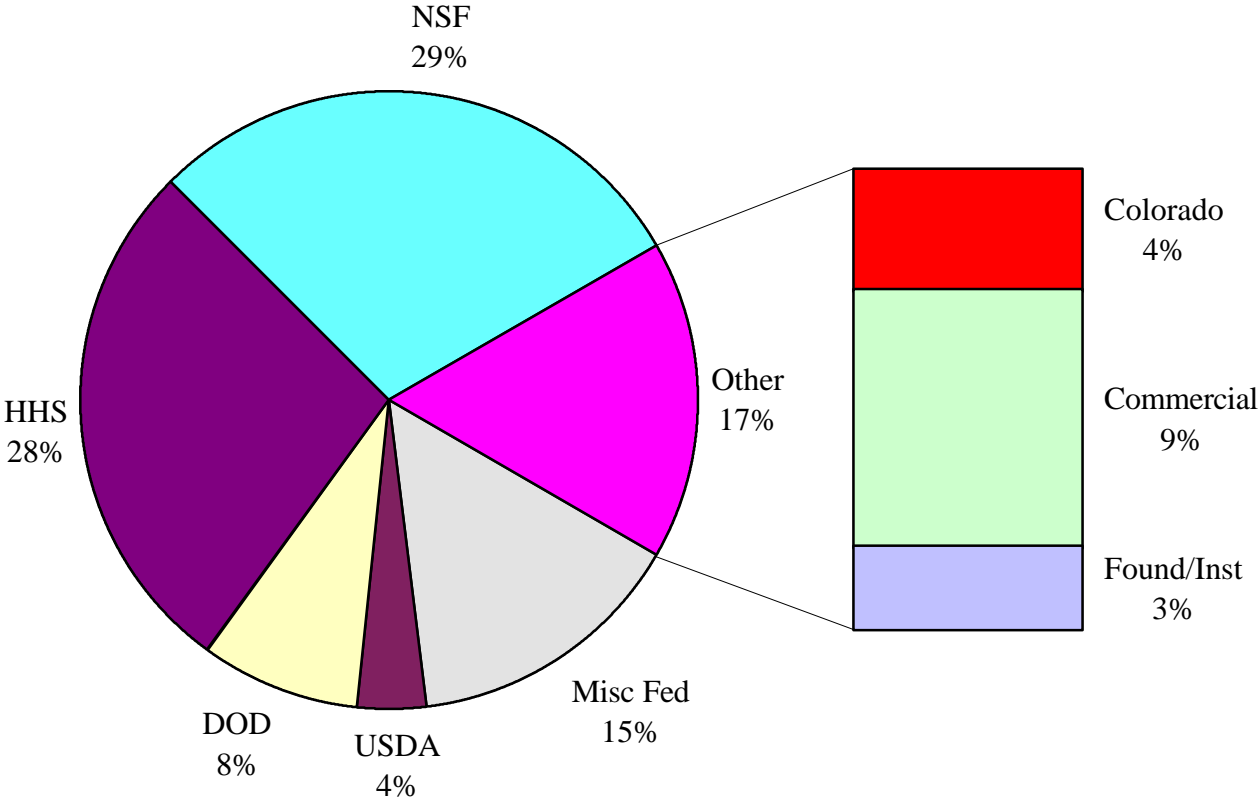
Section I

Historical Summaries

Current Fiscal Year and Historical Proposal Summaries

Proposals by Fund Source

Comparison Totals for Fiscal Year 1998



Comparison Cumulative Fiscal Year Proposals to Same Period Previous Fiscal Year

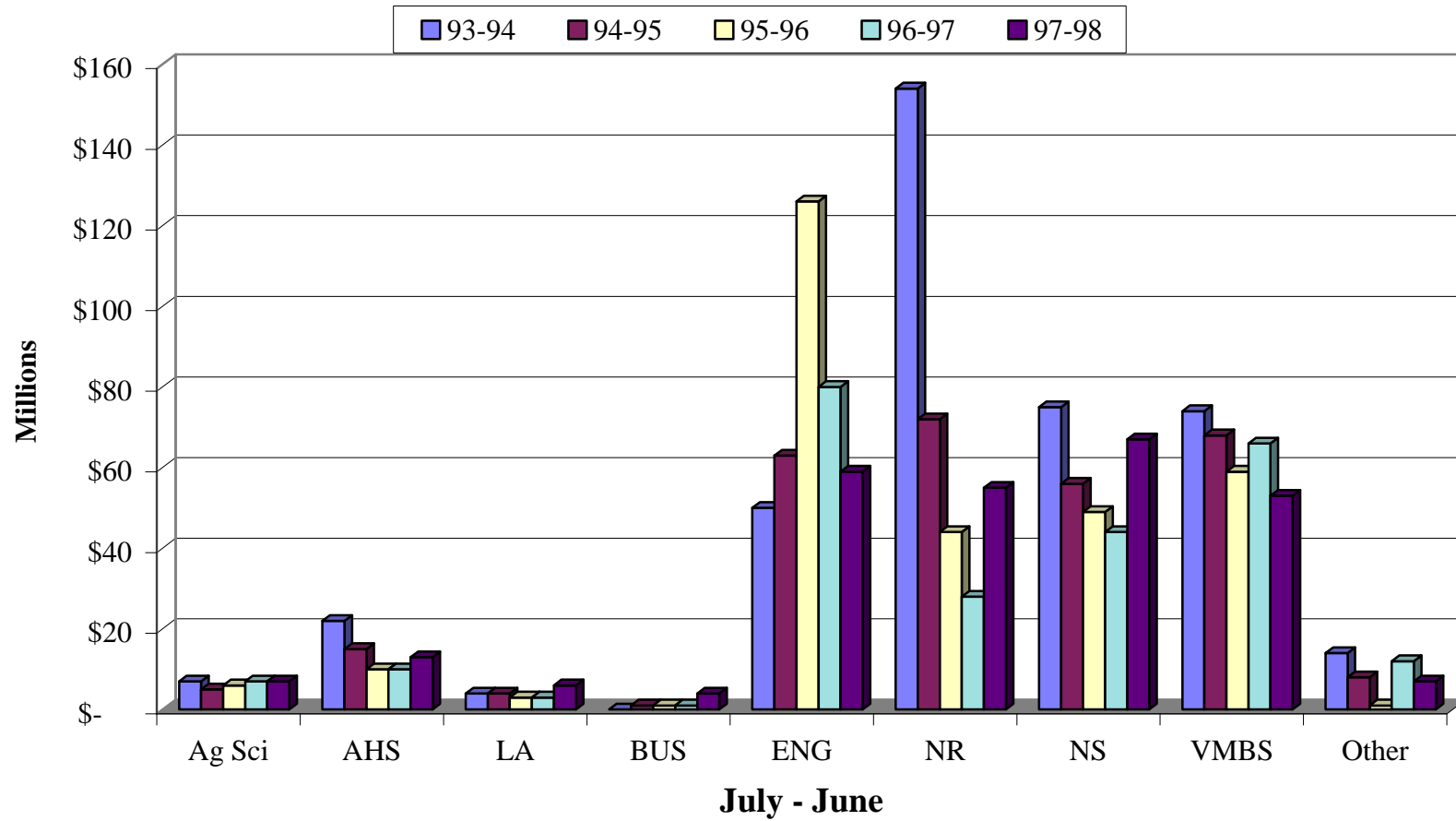
July - June

Sponsor	#	FY 94	#	FY 95	#	FY 96	#	FY 97	#	FY 98
Commercial and Non-Profit	185	\$ 16,565,531	178	\$ 19,151,173	187	\$ 18,590,208	157	\$ 26,490,769	164	\$ 24,660,011
Foundations	36	\$ 1,894,584	40	\$ 1,895,535	55	\$ 4,378,624	56	\$ 3,583,692	58	\$ 4,977,129
Institutes	5	\$ 660,046	1	\$ 210,420	3	\$ 193,699	2	\$ 22,868	6	\$ 3,092,910
State of Colorado	61	\$ 7,264,323	78	\$ 16,983,381	65	\$ 14,438,109	78	\$ 17,630,960	58	\$ 11,562,107
Subtotal of Non-Federal	287	\$ 26,384,484	297	\$ 38,240,509	310	\$ 37,600,640	293	\$ 47,728,289	286	\$ 44,292,157
USDA - Department of Agriculture	87	\$ 18,427,731	68	\$ 12,858,562	60	\$ 12,328,319	80	\$ 18,663,889	56	\$ 10,427,837
DOC - Department of Commerce	18	\$ 3,148,836	16	\$ 2,563,931	11	\$ 82,818,171	27	\$ 17,595,362	18	\$ 4,570,699
DOD - Department of Defense	61	\$ 140,963,382	62	\$ 57,208,251	54	\$ 17,628,290	45	\$ 11,172,455	41	\$ 22,480,250
DOE - Department of Energy	21	\$ 14,100,188	15	\$ 5,605,303	22	\$ 16,392,938	28	\$ 12,419,302	13	\$ 5,832,108
EPA - Environmental Protection Agency	28	\$ 6,651,449	22	\$ 5,680,530	24	\$ 14,434,505	24	\$ 7,551,649	24	\$ 7,270,031
HHS - Health & Human Services	125	\$ 111,104,949	94	\$ 78,349,599	77	\$ 43,060,804	98	\$ 61,774,553	83	\$ 75,064,401
USDI - Department of the Interior	22	\$ 4,188,075	34	\$ 4,336,842	24	\$ 2,086,366	26	\$ 3,313,467	50	\$ 3,657,984
NASA - National Aeronautics & Space Administration	25	\$ 3,606,409	31	\$ 11,740,824	31	\$ 10,366,008	23	\$ 8,798,281	26	\$ 7,708,891
NSF - National Science Foundation	149	\$ 59,655,479	187	\$ 66,617,848	144	\$ 59,739,243	133	\$ 53,015,826	122	\$ 78,704,906
Miscellaneous Federal	38	\$ 9,507,548	31	\$ 9,857,325	11	\$ 3,812,154	26	\$ 10,725,786	22	\$ 10,468,961
Subtotal of Federal	574	\$371,354,046	560	\$254,819,015	458	\$262,666,798	510	\$205,030,570	455	\$226,186,068
*** TOTAL ***	861	\$ 397,738,530	857	\$ 293,059,524	768	\$ 300,267,438	803	\$ 252,758,859	741	\$270,478,226

Please see Foreword for detail on this dollar total.

Proposals by College

Comparison of Proposals Submitted by Fiscal Year



Comparison Cumulative Fiscal Year Proposals to Same Period Previous Fiscal Year

July - June

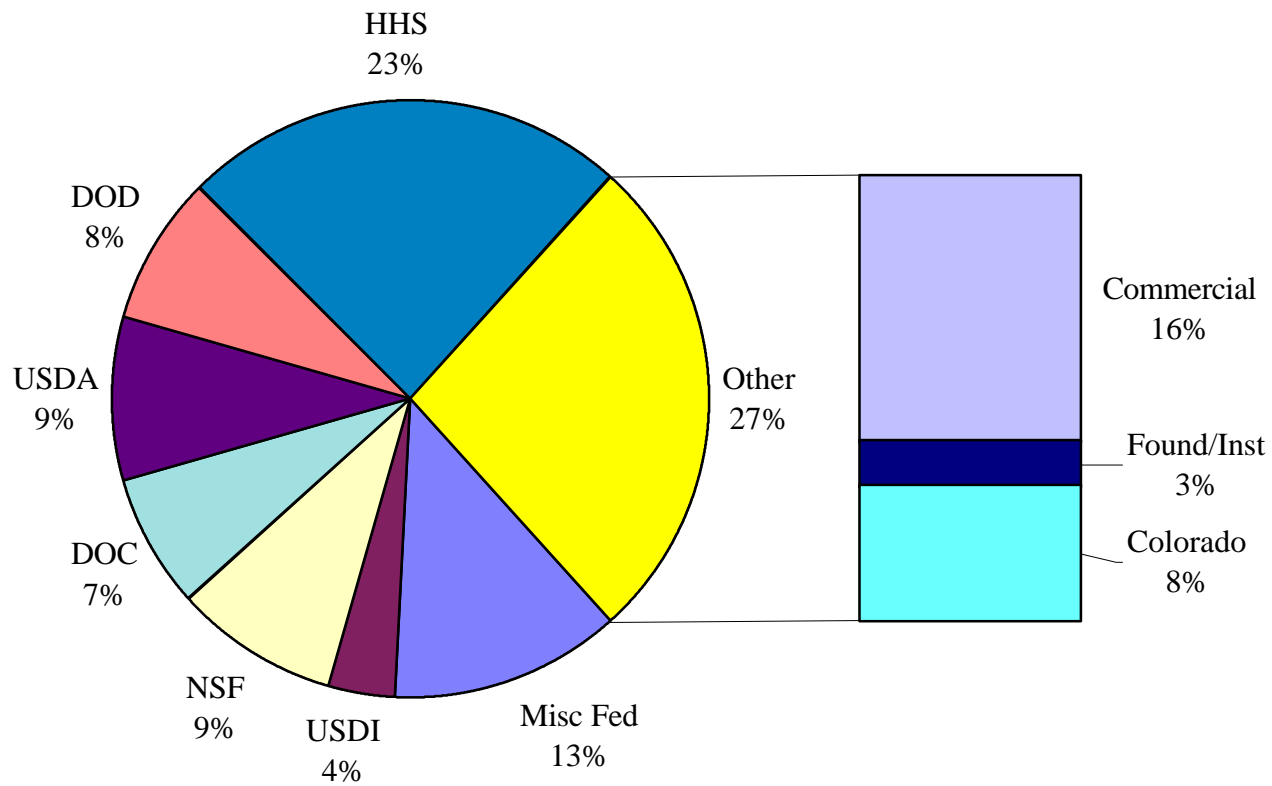
College	#	FY 94	#	FY 95	#	FY 96	#	FY 97	#	FY 98
Ag Sci - Agricultural Sciences	60	\$ 6,739,266	51	\$ 5,259,107	40	\$ 6,343,610	39	\$ 7,245,550	52	\$ 6,686,777
AHS - Applied Human Sciences	68	\$ 21,601,340	52	\$ 14,683,832	39	\$ 10,319,635	40	\$ 10,333,621	59	\$ 13,378,019
CLA - Liberal Arts	17	\$ 3,506,990	15	\$ 3,681,699	21	\$ 3,496,406	20	\$ 3,206,218	18	\$ 5,828,336
Bus - Business	4	\$ 108,670	5	\$ 1,059,380	5	\$ 927,022	4	\$ 1,395,836	6	\$ 3,717,494
Eng - Engineering	179	\$ 49,589,180	219	\$ 63,468,139	184	\$ 126,402,751	184	\$ 80,029,310	182	\$ 59,064,769
NR - Natural Resources	110	\$ 153,892,081	128	\$ 72,186,470	123	\$ 44,048,784	120	\$ 28,304,006	125	\$ 54,667,754
NS - Natural Sciences	193	\$ 74,757,058	176	\$ 55,890,818	158	\$ 48,498,674	156	\$ 44,281,751	148	\$ 67,108,796
VMBS - Veterinary Medicine & Biomedical Sciences	177	\$ 73,800,846	166	\$ 68,371,265	185	\$ 59,018,477	202	\$ 66,184,099	139	\$ 53,354,729
Other - Other	53	\$ 13,743,099	45	\$ 8,458,814	13	\$ 1,212,079	38	\$ 11,778,468	12	\$ 6,671,552
*** TOTAL ***	861	\$ 397,738,530	857	\$ 293,059,524	768	\$ 300,267,438	803	\$ 252,758,859	741	\$ 270,478,226

Please see Foreword for detail on this dollar total.

Current Fiscal Year and Historical Award Summaries

Awards by Fund Source

Comparison Totals for Fiscal Year 1998



Comparison Cumulative Fiscal Year Awards to Same Period Previous Fiscal Year

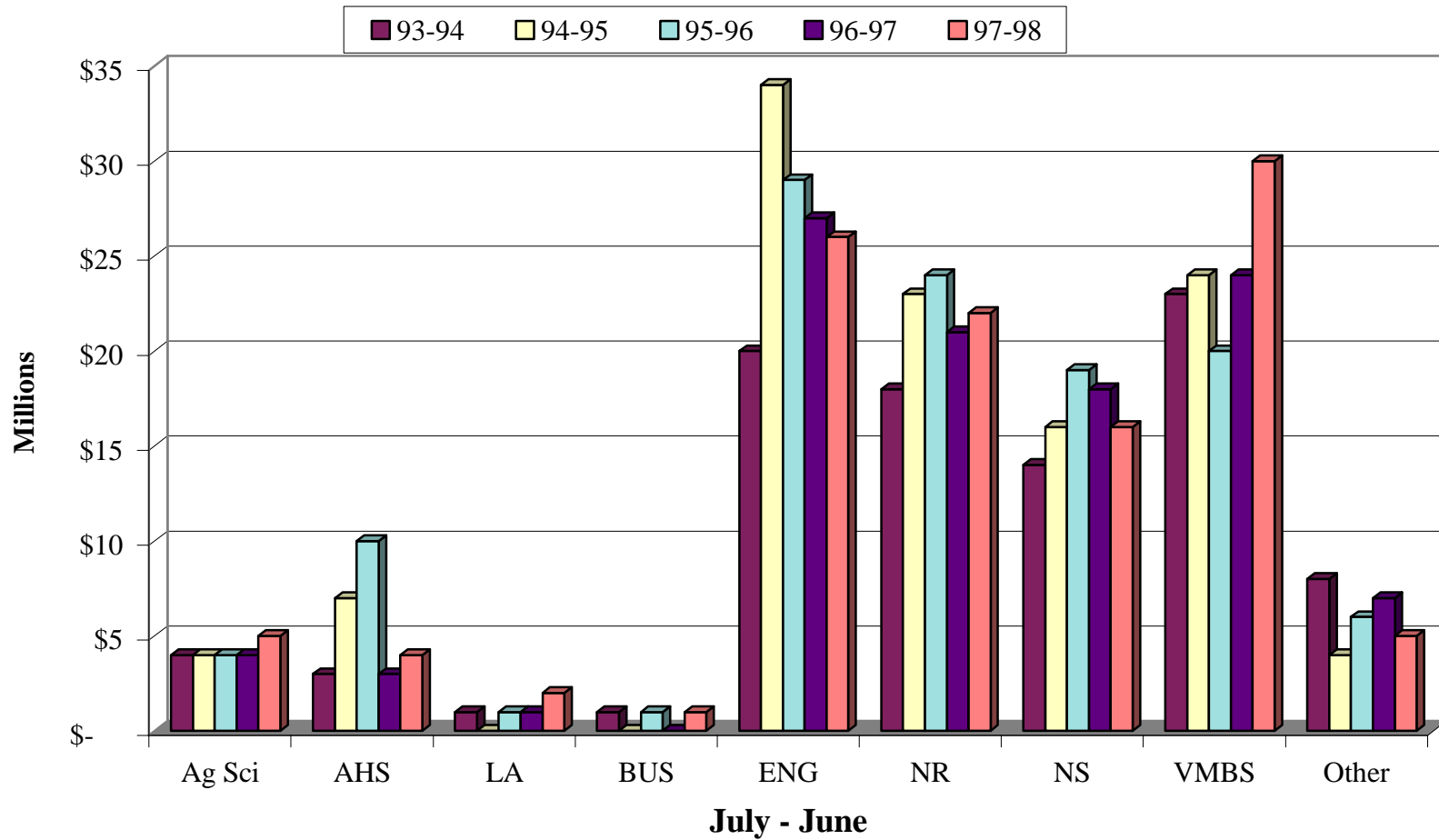
July - June

Sponsor	#	FY 94	#	FY 95	#	FY 96	#	FY 97	#	FY 98
Commercial and Non-Profit	447	\$ 16,758,810	492	\$ 15,173,196	496	\$ 15,796,169	452	\$ 18,032,149	476	\$ 17,689,684
Foundations	34	\$ 785,221	36	\$ 1,141,588	36	\$ 757,484	42	\$ 1,241,744	44	\$ 1,575,505
Institutes	5	\$ 408,022	6	\$ 1,105,759	8	\$ 523,241	5	\$ 123,562	5	\$ 712,292
State of Colorado	195	\$ 7,013,275	186	\$ 11,422,270	186	\$ 17,510,526	176	\$ 10,259,811	163	\$ 8,998,000
Subtotal of Non-Federal	681	\$ 24,965,328	720	\$ 28,842,813	726	\$ 34,587,420	675	\$ 29,657,266	688	\$ 28,975,481
USDA - Department of Agriculture	228	\$ 12,305,963	222	\$ 16,779,349	247	\$ 12,723,524	210	\$ 10,735,887	199	\$ 9,859,377
DOC - Department of Commerce	29	\$ 3,298,176	25	\$ 3,699,055	31	\$ 5,434,024	33	\$ 7,268,785	28	\$ 8,061,389
DOD - Department of Defense	75	\$ 5,565,298	80	\$ 11,121,688	92	\$ 10,802,960	95	\$ 7,001,261	131	\$ 8,888,952
DOE - Department of Energy	25	\$ 2,584,479	30	\$ 3,461,519	24	\$ 3,291,418	26	\$ 3,558,287	29	\$ 3,482,015
EPA - Environmental Protection Agency	20	\$ 1,293,778	13	\$ 799,804	15	\$ 1,024,768	24	\$ 2,199,218	16	\$ 3,486,368
HHS - Health & Human Services	144	\$ 22,214,400	131	\$ 21,905,519	152	\$ 21,185,832	152	\$ 22,983,558	166	\$ 26,811,863
USDI - Department of the Interior	126	\$ 4,874,097	145	\$ 7,453,870	118	\$ 5,285,088	105	\$ 4,334,893	110	\$ 4,457,033
NASA - National Aeronautics & Space Administration	37	\$ 2,454,387	33	\$ 2,530,138	27	\$ 2,703,977	36	\$ 3,549,625	40	\$ 3,829,488
NSF - National Science Foundation	125	\$ 9,418,519	155	\$ 12,030,326	144	\$ 12,542,588	139	\$ 12,152,065	118	\$ 9,952,170
Miscellaneous Federal	33	\$ 3,462,555	36	\$ 4,539,409	22	\$ 2,944,921	22	\$ 2,592,673	22	\$ 3,141,546
Subtotal of Federal	842	\$ 67,471,652	870	\$ 84,320,677	872	\$ 77,939,100	842	\$ 76,376,252	859	\$ 81,970,201
*** TOTAL ***	1,523	\$ 92,436,980	1,590	\$ 113,163,490	1,598	\$ 112,526,520	1,517	\$ 106,033,518	1,547	\$ 110,945,682

Please see Foreword for detail on this dollar total.

Awards by College

Comparison of Awards Received by Fiscal Year



Comparison Cumulative Fiscal Year Awards to Same Period Previous Fiscal Year

July - June

College	#	FY 94	#	FY 95	#	FY 96	#	FY 97	#	FY 98
Ag Sci - Agricultural Sciences	184	\$ 4,476,899	215	\$ 3,751,863	212	\$ 3,900,509	168	\$ 3,840,704	169	\$ 5,114,500
AHS - Applied Human Sciences	86	\$ 3,045,815	101	\$ 6,908,108	83	\$ 9,601,759	61	\$ 3,291,381	63	\$ 4,354,707
CLA - Liberal Arts	18	\$ 1,274,742	17	\$ 489,465	16	\$ 625,581	18	\$ 698,164	16	\$ 1,694,333
Bus - Business	28	\$ 823,496	5	\$ 149,914	13	\$ 643,893	8	\$ 429,788	12	\$ 564,369
Eng - Engineering	354	\$ 19,817,314	385	\$ 34,183,573	332	\$ 28,980,526	320	\$ 27,078,122	303	\$ 26,007,788
NR - Natural Resources	328	\$ 18,482,627	337	\$ 23,165,054	380	\$ 24,442,863	372	\$ 21,228,909	417	\$ 21,645,459
NS - Natural Sciences	184	\$ 13,669,588	213	\$ 16,129,289	227	\$ 18,741,030	223	\$ 18,463,014	210	\$ 16,341,079
VMBS - Veterinary Medicine & Biomedical Sciences	217	\$ 22,646,396	232	\$ 24,238,526	238	\$ 19,605,880	257	\$ 24,319,294	282	\$ 30,443,228
Other - Other	124	\$ 8,200,103	85	\$ 4,147,698	97	\$ 5,984,479	90	\$ 6,684,142	75	\$ 4,780,220
*** TOTAL ***	1,523	\$ 92,436,980	1,590	\$ 113,163,490	1,598	\$ 112,526,520	1,517	\$ 106,033,518	1,547	\$ 110,945,682

Please see Foreword for detail on this dollar total.

Section II

Proposals Submitted for Current Fiscal Year

Agricultural Sciences - Proposals

Title	Principal Investigator	Department/Sponsor Name	Dates	Key #/\$Amount
Improving Economic Management in Stratified Rural Economies: A SAM Analysis	Eckert, Jerry Valdez, Norberto	Agric & Resource Economics USDA-CSRS-Coop. States Research Service	6/1/98 - 5/30/00	97139901 \$191,973
Meeting Time-Dependent Instream Flow Requirements in a Fully Appropriated Multi-State River Basin	Frasier, W. Marshall	Agric & Resource Economics DOI-USGS-Geological Survey	9/1/98 - 8/31/00	97220901 \$291,932
Public & Private Incentives for Manure Composting in Three Colorado Counties	Hine, Susan E Seidl, Andrew F Davis, Jessica G	Agric & Resource Economics US Department of Agriculture	10/1/98 - 9/28/98	97180101 \$296,385
Agricultural Commodity Marketing: Multi-Media Interactive Computerized Textbook	Hine, Susan E	Agric & Resource Economics Purdue University	8/1/98 - 7/31/00	97183901 \$24,988
Estimating the Change in Economic Value of Fire Effects on Forest Recreation	Loomis, John B	Agric & Resource Economics USDA-USFS-Pacific SW	9/1/97 - 9/30/99	97098401 \$100,000
Beef Demand Study for Rocky Mountain Beef Cooperative	Sparling, Edward W	Agric & Resource Economics US Department of Agriculture	9/1/97 - 3/31/98	97093301 \$20,000
Development of a HunterLab Beef Carcass Color Vision System to Augment USDA Quality...	Belk, Keith Tatum, Joseph D Smith, Gary C	Animal Sciences Nat'l Cattlemen's Beef Association	9/15/97 - 8/1/98	97122001 \$50,000
DECI: The Next Generation	Bourdon, Richard M	Animal Sciences USDA-CSRS-CGP-Competitive Grants Program	10/1/98 - 9/30/01	97183301 \$359,944
Developing Benchmarks, Educational Tools & Sorting Strategies to Familiarize Cattle...	Field, Thomas G Tatum, Joseph D	Animal Sciences Nat'l Cattlemen's Beef Association	10/1/97 - 10/1/98	97122101 \$38,250
Effects of Leptin on Puberty in Beef Cattle	Geary, Thomas W Anthony, Russell V Nett, Torrance M	Animal Sciences Merial, Ltd.	6/1/98 - 5/31/00	97234501 \$312,103
Synchronization of Ovulation Using hCG or GnRH with the CO-Synch Protocol in Suckled Beef Cows	Geary, Thomas W Whittier, Jack C	Animal Sciences National Association of Animal Breeders	7/1/98 - 6/30/99	97174701 \$14,980
Evaluation of the Select Synch Protocol in Yearling Beef Heifers	Geary, Thomas W Whittier, Jack C	Animal Sciences Select Sires Incorporated	5/1/98 - 5/1/99	97199301 \$11,713
American Bison Behavior & Cortisol Levels during Restraint & Handling	Grandin, Temple	Animal Sciences National Bison Association	10/1/97 - 9/30/98	97125001 \$36,925
Livestock Greenhouse Gases	Johnson, Donald E Seidl, Andrew F Ward, Gerald M.	Animal Sciences Environmental Protection Agency	4/1/98 - 12/31/99	97174901 \$143,355
Dual-Energy X-Ray Absorptiometry as Means of Assessing Nutritionally Induced Changes in Bone Metabolism...	Siciliano, Paul D	Animal Sciences AQHA-American Quarter Horse Assoc.	6/1/98 - 6/1/99	97145301 \$34,532

Agricultural Sciences - Proposals

Title	Principal Investigator	Department/Sponsor Name	Dates	Key #/\$Amount
Assessing Nutritional Effects on Bone Growth in Horses with Dual Energy X-ray Absorptiometry	Siciliano,Paul D	Animal Sciences Morris Animal Foundation	7/1/98 - 7/1/99	97224501 \$34,700
International Consumer Preference Study	Smith,Gary C	Animal Sciences National Pork Producers Council	1/1/98 - 6/30/99	97132301 \$103,200
Post-Harvest Evaluation of Temperature Profiles, Product Shelf-Life & Food Safety...	Smith,Gary C	Animal Sciences National Pork Producers Council	1/1/98 - 6/30/98	97132201 \$158,000
Establishment of Components for a Quality System to Improve the Appearance...	Smith,Gary C	Animal Sciences National Pork Producers Council	1/1/98 - 6/30/99	97132401 \$156,520
Development & Management of a Database for Monitoring Product Quality & Evaluating...	Tatum,Joseph D	Animal Sciences DM International, Inc.	12/1/97 - 11/30/00	97129301 \$18,900
Development of an Interdisciplinary Ranch Resource Management Undergraduate Major	Whittier,Jack C Green,Ronnie D Field,Thomas G	Animal Sciences US Department of Agriculture	9/1/98 - 8/31/00	97187101 \$79,920
Cooperative Agricultural Pest Survey 1998	Bjostad,Louis B	Bioagricultur Sci & Pest Mgmt USDA-APHIS-Ag & Plant Health Insp Srvc	10/1/97 - 9/30/98	97100601 \$99,892
Barley Stripe Rust Variety Evaluation & Race Determination	Bjostad,Louis B Hill,Joseph P	Bioagricultur Sci & Pest Mgmt US Department of Agriculture	1/1/98 - 12/31/00	97098101 \$30,000
Barley Stripe Rust Variety Evaluation & Race Determination	Bjostad,Louis B Hill,Joseph P	Bioagricultur Sci & Pest Mgmt USDA-Foreign Agricultural Service	1/1/98 - 12/31/00	97102501 \$31,500
Management of Russian Wheat Aphid in Dryland Cropping Systems of the Great Plains	Holtzer,Thomas O	Bioagricultur Sci & Pest Mgmt USDA - US Department of Agriculture	7/1/98 - 6/30/99	97294501 \$186,955
New Antibiotics from Erwinia Herbicola Active Against Staphylococcus Aureus	Ishimaru,Carol A Williams,Robert M Bauer,Penelope H	Bioagricultur Sci & Pest Mgmt CIRB-Colo. Inst.of Research in Biotech.	7/1/98 - 6/30/99	97259101 \$12,500
Functional Landscape Mapping of Clavibacter Michiganensis Subsp. Sepedonicus	Ishimaru,Carol A Knudson,Dennis L	Bioagricultur Sci & Pest Mgmt USDA-CSRS-SRG-Special Research Grants	7/1/98 - 6/30/99	97099101 \$53,710
Survey of Fusarium Oxysporum Variability & Its Management in Sugarbeet & Dry Bean Cropping Systems	Schwartz,Howard F Brick,Mark A Byrne,Patrick F	Bioagricultur Sci & Pest Mgmt US Department of Agriculture	8/1/98 - 7/31/00	97180901 \$83,756
Reducing Herbicide Use with Site-Specific Weed Management: Helping Colorado Corn Growers...	Westra,Philip	Bioagricultur Sci & Pest Mgmt EPA-Pollution Prevention Grants Program	7/1/98 - 3/21/00	97297501 \$40,000
FFA Program Revision for the Year 2001	Rask,Glen	Dean Of Agricultural Sciences National FFA Organization	10/1/97 - 12/1/98	97110001 \$15,805

Agricultural Sciences - Proposals

Title	Principal Investigator	Department/Sponsor Name	Dates	Key #/\$Amount
A Lifestyle Physical Activity Intervention for Obese Women: Effect on Cardiovascular Disease Factors...	Anderson,Jennifer E	Food Science & Human Nutrition ACSMF-Amrcn College Sports Medicine Fndt	2/1/98 - 3/31/99	97165701 \$5,300
Exercise & Breast Cancer Prevention	Melby,Christopher L	Food Science & Human Nutrition DOD - US Department of Defense	1/1/99 - 12/31/02	99001301 \$299,727
A Culinary Approach to a Cancer Prevention Cuisine	Smith,Kenneth D	Food Science & Human Nutrition DOD - US Department of Defense	1/1/99 - 12/31/01	99001401 \$300,705
Long Term Preservation of Clonally Propagated Turfgrass Species	Hughes,Harrison G Towill,Leigh E	Horticulture & Landscape Arch Golf Association/U.S. Green Section	2/1/98 - 1/31/01	97123701 \$49,701
Selection of Turf Type & Seed Production in Inland Saltgrass	Hughes,Harrison G Christensen,Dana K	Horticulture & Landscape Arch Golf Association/U.S. Green Section	2/1/98 - 1/31/03	97125901 \$125,000
Isolation & Characterization of a Senescence Repressor Gene from Carnation & Petunia Flowers	Jones,Michelle L	Horticulture & Landscape Arch CIRB-Colo. Inst.of Research in Biotech.	7/11/98 - 6/30/99	97259701 \$17,450
Regulation & Function of Cysteine Proteases in Flower Senescence	Jones,Michelle L	Horticulture & Landscape Arch USDA-CSRS-Coop. States Research Service	9/1/98 - 8/31/00	97137701 \$110,590
Evaluation & Improvement of Freeze Tolerance of Zoysiagrass	Qian,Yaling Stushnoff,Cecil Koski,Anthony J	Horticulture & Landscape Arch Golf Course Superintendents Assn of Amer	6/1/98 - 6/1/01	97157301 \$80,692
Cold Hardiness of Green Ash & Honeylocust Trees Influenced by Irrigation Regimes	Wallner,Stephen J Findley,Douglas A	Horticulture & Landscape Arch International Society of Arboriculture	10/1/98 - 4/30/00	97213101 \$14,873
Potential Use of Polymer Coated Urea for Precision Agriculture	Thompson-Johns,Asunta Lee Dillon,Merlin A	San Luis Valley Research Ctr USDA-ARS-Agricultural Research Service	6/1/98 - 5/31/01	97179901 \$57,956
Potato Breeding & Cultivar Development in the Southwest	Thompson-Johns,Asunta Lee Holm,David G	San Luis Valley Research Ctr USDA-CSRS-SRG-Special Research Grants	6/1/98 - 5/31/99	97221301 \$300,000
Effects of Biosolids Application on Erosion Control & Ecosystem Recovery following...	Barbarick,Kenneth A Redente,Edward F	Soil & Crop Sciences Environmental Protection Agency	7/1/97 - 9/30/98	97083901 \$87,500
Characterization of Fusarium Oxysporum Isolates Pathogenic to Sugar Beet & Dry Beans	Brick,Mark A Byrne,Patrick F Schwartz,Howard F	Soil & Crop Sciences US Department of Agriculture	8/1/98 - 7/31/00	97169501 \$128,154
Genetic Dissection of Heat Tolerance in Spring & Winter Wheats	Byrne,Patrick F Quick,James S Lapitan,Nora	Soil & Crop Sciences USDA-CSRS-Coop. States Research Service	8/1/98 - 7/31/01	97140501 \$336,390
Functional, Structural, & Evolutionary Genomics in Triticeae Crop Plants	Byrne,Patrick F	Soil & Crop Sciences University of California	1/1/99 - 12/31/01	97220701 \$302,982

Agricultural Sciences - Proposals

Title	Principal Investigator	Department/Sponsor Name	Dates	Key #/\$Amount
The Relationship of Mineral Weathering to Buffering Capacity & Storage of Metals in Soils	Cardon,Grant E	Soil & Crop Sciences	10/1/98 -	97127301
	Heil,Dean M	USDA-CSRS-CGP-Competitive Grants Program	9/30/01	\$233,565
	Kelly,Eugene F			
A Site-Linked Approach to On-Farm Testing of Best Manure Management Practices	Davis,Jessica G	Soil & Crop Sciences	10/1/98 -	97123101
	Hoag,Dana Loyd	USDA-CSRS-SARE-Sust Agri Res & Educ Prog	3/31/01	\$310,849
	Iversen,Kirk V			
On-Farm Testing to Train Field Staff in Development, Demonstration, & Implementation...	Davis,Jessica G	Soil & Crop Sciences	1/1/99 -	97127601
	Bartolo,Michael E	USDA-CSRS-SARE-Sust Agri Res & Educ Prog	12/31/00	\$109,285
	Gaus,Alvan G			
The Influence of Soil Mineral Weathering on the Speciation, Storage, & Transport of Metals in Soils	Heil,Dean M	Soil & Crop Sciences	10/1/98 -	97172501
	Kelly,Eugene F	National Science Foundation	9/30/01	\$277,388
	Cardon,Grant E			
Enrichment of Problem Solving Skills in Undergraduates Using Information Technologies	Kelly,Eugene F	Soil & Crop Sciences	1/1/99 -	97201901
	Shanahan,John	USDA-CSRS-SRG-Special Research Grants	12/30/00	\$79,992
	Ayers,Paul D			
Large Scale Barley Gene Cloning Through Genome Wide Detection of Differential ...	Lapitan,Nora	Soil & Crop Sciences	9/1/98 -	97227301
		Washington State University	8/31/02	\$368,682
Annual Legumes in Fallow as an Integrated Crop/Livestock Alternative	Peterson,Gary A	Soil & Crop Sciences	10/1/97 -	97136601
	Westfall,Dwayne G	University of Wyoming	9/30/00	\$57,559

Applied Human Sciences - Proposals

Title	Principal Investigator	Department/Sponsor Name	Dates	Key #/\$Amount
Mentoring Circles	Gilfoyle,Elnora M	Dean Of Applied Human Sciences Women's Foundation of Colorado	7/1/98 - 6/30/99	97182501 \$32,625
Conservation Assessment Program (CAP)	Carlson,Linda L Blaesi,Lavon F	Design, Merch & Consumer Sci Nat Inst for Conserv of Cultural Prop	2/1/98 - 5/30/98	97136901 \$3,480
Evaluation of the Colorado Collective for Medical Decisions Project	Drennen,Nancy Hungerford Makela,Carole J	Design, Merch & Consumer Sci Colorado Trust *	4/1/98 - 12/31/99	97195701 \$99,257
Dietary Regulation of Immune Function in Rheumatoid Arthritis	Cordain,Loren	Exercise & Sport Science HHS-NIH-Arthr., Musclesk. & Skin Disord.	12/1/98 - 11/30/00	97246301 \$216,428
Abdominal Fat & Autonomic-Circulatory Control in Humans	Davy,Kevin	Exercise & Sport Science HHS-NIH-National Institutes of Health	4/1/99 - 3/31/03	97269701 \$1,456,353
Reduction in Severity of Exercise-Induced Asthma with Low Sodium Diet	Gotshall,Robert W	Exercise & Sport Science ACSMF-Amrcn College Sports Medicine Fndt	5/1/98 - 4/30/99	97165501 \$5,000
Arterial Stiffness & Systolic Hypertension in Older Adults	Gotshall,Robert W Davy,Kevin	Exercise & Sport Science HHS-NIH-National Institute of Health	6/1/98 - 5/30/99	97127101 \$71,330
Improved Pulmonary Function in Exercise-Induced Asthma with Low Sodium Diet	Gotshall,Robert W Cordain,Loren	Exercise & Sport Science PADI Foundation	6/1/98 - 5/31/99	97141601 \$9,700
Aging, Dietary Antioxidants, & Systolic Hypertension	Gotshall,Robert W Davy,Kevin	Exercise & Sport Science Novartis Foundation for Gerontological R	1/1/98 - 12/31/98	97107401 \$50,000
Reduction in Severity of Exercise-Induced Asthma with Low Sodium Diet	Gotshall,Robert W	Exercise & Sport Science USOC-United States Olympic Committee	1/1/98 - 12/31/98	97097201 \$12,414
Effect of an Oral IGF-1 Secretagogue on Skeletal Muscle & Endocrine Adaptations to Resistance Exercise	Hickey,Matthew	Exercise & Sport Science Experimental and Applied Sciences, Inc.	5/1/98 - 4/30/99	97206501 \$35,586
Effect of Then-Free on Exercise-Induced Weight Loss in Moderately Obese Adults	Hickey,Matthew	Exercise & Sport Science Experimental and Applied Sciences, Inc.	7/1/98 - 6/30/99	97272901 \$40,242
Using Computer Technology to Deliver Nutrition Education to Low Income Persons	Anderson,Jennifer E	Food Science & Human Nutrition USDA-ERS-Economic Research Service	1/1/98 - 9/30/03	97266901 \$499,975
Independent Validation of the Core Food Security Measure with Asian & Pacific Islanders	Anderson,Jennifer E	Food Science & Human Nutrition University of Wisconsin	6/1/98 - 5/31/99	97229301 \$47,817
Using Computer Technology to Deliver Nutrition Education to Low Income Persons	Anderson,Jennifer E	Food Science & Human Nutrition The Lynde and Harry Bradley Foundation	4/1/98 - 3/31/00	97153901 \$100,000
Using Computer Technology to Deliver Nutrition Education to Low Income Persons	Anderson,Jennifer E	Food Science & Human Nutrition Baker Trust	4/1/98 - 3/31/00	97146701 \$100,000
Three Part Validation of a National Food Security Measure with Asians & Pacific Islanders	Anderson,Jennifer E	Food Science & Human Nutrition US Department of Agriculture	9/1/97 - 8/31/99	97076401 \$35,243

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Title	Principal Investigator	Department/Sponsor Name	Dates	Key #/\$Amount
Development of a CD-ROM Nutrition Program for Low Income Hispanics	Anderson,Jennifer E	Food Science & Human Nutrition	9/1/98 -	97240701
	Serrano,Elena	HHS-NIH-National Institutes of Health	5/1/01	\$55,589
Using Computer Technology to Deliver Nutrition Education to Low Income Persons	Anderson,Jennifer E	Food Science & Human Nutrition Annenberg Foundation	4/1/98 - 3/31/00	97153501 \$300,000
Using Computer Technology to Deliver Nutrition Education to Low Income Persons	Anderson,Jennifer E	Food Science & Human Nutrition Annie E. Casey Foundation	4/1/98 - 3/31/00	97141001 \$300,000
Diet & Physical Activity in Older Hispanic & Caucasian Woman	Auld,Garry W	Food Science & Human Nutrition	4/1/99 -	97255501
	Kennedy,Catherine A	HHS-NIH-National Institutes of Health	3/31/03	\$1,388,554
	Anderson,Jennifer E			
Food Stamp Nutrition Education Program - Integrated Nutrition Program	Auld,Garry W	Food Science & Human Nutrition	10/1/97 -	97090001
		Colorado Dept Public Health & Environ	9/30/98	\$20,385
Evaluation of an Elementary School-Based Intervention focused on Longitudinal 5-A Day Behavior . . .	Auld,Garry W	Food Science & Human Nutrition	10/1/98 -	97276101
		Colorado Dept Public Health & Environ	9/30/99	\$47,241
Linking Cooperative Extension & Technology to Mentoring & Experiential Learning in the Didactic Program at a Land...	Harris,Mary A	Food Science & Human Nutrition	6/1/98 -	97234901
	Taylor-Davis,Stephanie	The American Dietetic Association (ADA)	6/1/99	\$12,400
	Kendall,Patricia A			
Factors Affecting Food Safety Attitudes & Behavior Among Restaurant Employees	Kendall,Patricia A	Food Science & Human Nutrition	9/1/98 -	97251701
		University of Colorado Health Sci Ctr	8/31/99	\$49,958
Development and Validation of Instruments to Evaluate Food Safety Education	Kendall,Patricia A	Food Science & Human Nutrition Washington State University	9/15/98 - 6/30/01	97266501 \$150,485
Minimizing the Risk of Esherichia Coli 0157:H7 in Home-Dried Food Systems	Sofos,John N	Food Science & Human Nutrition	9/1/98 -	97251901
	Kendall,Patricia A	University of Colorado Health Sci Ctr	8/31/00	\$49,987
Multicultural GIFTS Program	Stone,Martha B Gregory,Susan R Sanders,Eulanda A	Food Science & Human Nutrition USDA-CSRS-SRG-Special Research Grants	9/1/98 - 3/30/00	97189301 \$159,951
Nutrition Education Referral Plan	Taylor-Davis,Stephanie	Food Science & Human Nutrition	1/1/98 -	97112601
	Wilken,Karen K	March of Dimes Birth Defects Foundation	12/31/98	\$14,895
	Bray,Colleen R			
Dynamic Systems Methodologies for Studying Emotion	Barrett,Karen C	Human Dev & Family Studies	8/24/98 -	97135201
		James McKeen Cattell Fund	5/14/99	\$23,683
Psychosocial Influences on Adolescent Sexuality	Werner-wilson,Ronald	Human Dev & Family Studies HHS-PHS-Public Health Services	6/1/98 - 5/31/01	97111501 \$221,519
Developmental & Relational Variables Associated with Prevention of Unplanned Pregnancy	Werner-Wilson,Ronald Jay	Human Dev & Family Studies HHS-CDC-Centers for Disease Control	9/30/97 - 9/30/02	97095201 \$2,137,951

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Title	Principal Investigator	Department/Sponsor Name	Dates	Key #/\$Amount
Comparative Study of Student Attitudes Towards Technology Education in the United States & Japan	Grosse,Larry W	Mfg Tech & Constr Mgmt Toyota USA Foundation	7/1/98 - 11/30/00	97266701 \$112,000
Feasibility Study for Performance & Redesign of Masterguard Corp Residential Fire Detectors	Grosse,Larry W Smith,Charles W Sigmon,Brent Alan	Mfg Tech & Constr Mgmt MasterGuard Corporation	1/1/98 - 8/31/98	97136701 \$76,957
Preliminary Facility Evaluation Services	Hill,Richard T Grosse,Larry W	Mfg Tech & Constr Mgmt Colorado Department of Local Affairs	11/15/97 - 6/30/98	97134601 \$3,223
Utilization of Historic Sites as Models for Sustainable Design & Construction	Kiisk,Linda M	Mfg Tech & Constr Mgmt DOI-NPS-National Park Service	7/1/97 - 6/30/99	97154101 \$9,170
Preserving Cultural Resources, Promoting Economy	Kiisk,Linda M	Mfg Tech & Constr Mgmt DOI-NPS-National Park Service	7/1/98 - 6/30/99	97145701 \$39,998
Decentralized Desktop Documentation & Distribution Protocol (4DP) for Historic Preservation	Koziol,Christopher J	Mfg Tech & Constr Mgmt DOI-NPS-National Park Service	9/1/98 - 8/31/01	97145101 \$119,234
Architectural Conservation Institute	Koziol,Christopher J	Mfg Tech & Constr Mgmt Colo Dept Higher Educ-Historical Society	7/16/98 - 7/15/99	97218101 \$194,986
Manufacturing Education Plan	Maness,M Thomas Folkestad,James E	Mfg Tech & Constr Mgmt Society of Manufact. Engin. Educ. Found.	7/1/98 - 6/30/00	97134401 \$47,876
Alternative Fuels Hotline	Wolff,Birgit H	Mfg Tech & Constr Mgmt BDM Petroleum Technologies	8/15/97 - 8/15/98	97093401 \$372,828
Occupational Therapy: Quality of the Educational Experience	Hanzlik,Jodie R	Occupational Therapy CCHE-Commission on Higher Education	7/1/98 - 6/30/03	97149701 \$819,267
Access to Assistive Technology for People with Disabilities	Roll,Marla C Scott,Erin E	Occupational Therapy Mount Batten Foundation	9/1/98 - 8/31/99	97246101 \$24,196
Return to Employment through Early Intervention (REEI) for Individuals with Brain Injuries	Sample,Pat L	Occupational Therapy DE-Special Education & Rehab. Services	7/1/98 - 6/30/01	97139801 \$704,587
Life Transition for Youth with Acquired Brain Injuries	Sample,Pat L	Occupational Therapy US Department of Education	10/1/98 - 9/30/02	97201501 \$599,369
Collaborative Training for Occupational Therapists & Educators in the Use of Assistive...	Spencer,Karen Clark	Occupational Therapy US Department of Education	8/1/98 - 7/31/01	97111101 \$731,338
Issues in Implementing Standards & Assessments while Exercising Choice Options	Cobb,R Brian	School Of Education CCHE-Commission on Higher Education	10/10/97 - 6/30/98	97110901 \$7,500
Exceeding Expectations: Innovative Education Practices	Lehmann,Jean P	School Of Education US Department of Education	1/1/99 - 12/31/02	97243901 \$599,956

Applied Human Sciences - Proposals

Title	Principal Investigator	Department/Sponsor Name	Dates	Key #/\$Amount
Creating Higher Education & K-12 Learning Communities through Professional Development Schools	Mantle-Bromley, Corinne	School Of Education CCHE-Commission on Higher Education	7/1/98 - 6/30/03	97148901 \$600,908
Preparing Service Learning Educators for the Year 2000	Mcwhorter, Barbara A Paccione, Angela Richburg, Robert W	School Of Education Colorado Department of Education	7/1/98 - 6/30/99	97194301 \$10,000
Beliefs & Behaviors Toward Multicultural Teaching	Middleton, Valerie A	School Of Education National Academy of Education	8/15/98 - 5/15/99	97137501 \$45,000
Professional Development School Standards	Nelson, Barbara J	School Of Education NCATE-Nat'l Council for Accreditation	6/15/98 - 7/1/01	97252701 \$12,500
The Sustainability Project	Timpson, William M	School Of Education DE-FIPSE-Fund Imp. of Post. Sec. Educ.	1/1/98 - 12/31/00	97124001 \$352,009
Ecological Thinking for Teacher K-16	Timpson, William M	School Of Education Environmental Protection Agency	7/1/98 - 6/30/99	97132801 \$22,185
Weld County Area Agency on Aging Needs Assessment	Buchan, Victoria	Social Work WCAAA-Weld County Area Agency on Aging	1/1/98 - 6/30/98	97129201 \$30,538
Poudre Fire Authority Household & Business Community Survey	Buchan, Victoria	Social Work Poudre Valley Fire Authority	7/1/98 - 6/30/99	99001601 \$28,271
Human-Animal Bond in Colorado (HABIC)	Sheafor, Bradford W	Social Work Coca-Cola Foundation, Inc.	7/1/98 - 6/30/99	97273501 \$31,085
Project FUR: Facilitating Family Understanding & Respect	Sheafor, Bradford W Teumer, Susan P	Social Work Helen Brach Foundation	7/1/98 - 6/30/99	97144701 \$10,090
HABIC Youth Services Expansion	Sheafor, Bradford W	Social Work Dr. Scholl Foundation	7/1/99 - 6/30/00	97251301 \$24,900

Business - Proposals

Title	Principal Investigator	Department/Sponsor Name	Dates	Key #/\$Amount
Enhancement of the College of Business Distance Learning MBA Program	Clark,Jon D Switzer,Jamie	Business College CCHE-Commission on Higher Education	7/1/98 - 6/30/03	97148501 \$1,150,792
Workshop: Communication Across the Curriculum	Jankovich,Jackie L Van Leuven,James K	Business College CCHE-Commission on Higher Education	11/1/97 - 6/30/98	97111001 \$7,482
Research and Evaluation Program American Indian Economic Development Study	Francis,G James Hall,Ronald C	Inst For Transportation Mgt US Department of Commerce	9/30/98 - 9/30/99	97265501 \$257,425
Communication Audit	Lemay,Elaine A Jankovich,Jackie L	Management Schlumberger Dowell	8/16/97 - 10/15/97	97089701 \$9,533
Adoption of Community Service Learning as a Classroom Innovation: The Effect of Faculty...	Tucker,Mary McCarthy,Anne M	Management Spencer Foundation	1/1/98 - 12/31/98	97107301 \$11,600
Reducing Smoking by Rural Youth through Localized Media	Kelly,Kathleen J	Marketing HHS-NIH-National Institutes of Health	10/1/98 - 9/30/03	97241301 \$2,280,662

Engineering - Proposals

Title	Principal Investigator	Department/Sponsor Name	Dates	Key #/\$Amount
Development & Application of a System for Quantitative Chemical Analysis of Individual Cloud & Fog...	Collett, Jeffrey L. Jr	Atmospheric Science Environmental Protection Agency	8/15/98 - 8/14/01	97137401 \$331,539
Further Studies of Transition-Season Arctic Stratus	Cotton, William A	Atmospheric Science NSF-GEO-Geosciences	7/1/98 - 6/30/99	97221101 \$85,499
Toward a Global, Interactive, Nested- Grid Cloud Forecasting Model	Cotton, William R	Atmospheric Science DOD-USAF-Office of Scientific Research	2/1/98 - 1/31/01	97083601 \$313,413
Explicit & Parameterized Simulations of Convection over the Amazon Basin & Evaluation of Land-Use Effects	Cotton, William R	Atmospheric Science NASA - Nat'l Aeronautics & Space Admin.	7/1/98 - 6/30/01	97241101 \$410,223
An Observational Study of the Angular & Spatial Variability of Solar Radiances Transmitted Through Clouds	Cox, Stephen K Davis, John M	Atmospheric Science NSF-GEO-Geosciences	7/1/98 - 6/30/01	97187701 \$322,702
Freezing Characteristics of Soot/Sulfate Aerosols	Demott, Paul J Rogers, David C Kreidenweis-Dandy, Sonia M	Atmospheric Science National Aeronautics & Space Admin.	1/1/98 - 12/31/99	97100801 \$186,925
The Effects of Remotely-Sensed Data on Modeled Land Surface Atmosphere Interactions; Consequences . . .	Denning, A Scott Prihodko, Lara	Atmospheric Science NASA - Nat'l Aeronautics & Space Admin.	9/1/98 - 8/31/99	97266301 \$22,000
Spatial Integration of Regional Carbon Balance in Amazonia	Denning, A Scott	Atmospheric Science NASA-Goddard	7/1/98 - 2/28/99	97252101 \$110,530
Modeled Radiative Properties of the Atmospheric Aerosol from Measurement-Based Mixtures...	Fuller, Kirk A Kreidenweis-Dandy, Sonia M	Atmospheric Science National Aeronautics & Space Admin.	9/1/98 - 8/31/01	97192701 \$390,646
Development of a Multi-Angle, Multi-Angle, Multi- Wavelength Optical Particle Counter	Kreidenweis-Dandy, Sonia M Collett, Jeffrey L. Jr	Atmospheric Science Droplet Measurement Technologies, Inc.	6/15/98 - 2/14/99	97141401 \$33,150
Development of an Instrument Interface for Single- Particle Chemical Analysis of Ice Nucleating Aerosols	Kreidenweis-Dandy, Sonia M Collett, Jeffrey L. Jr Rogers, David C	Atmospheric Science National Aeronautics & Space Admin.	11/1/98 - 10/31/00	97192901 \$174,391
Development of an Instrument Interface for Single Particle Chemical Analysis of Ice Nucleating Aerosols	Kreidenweis-Dandy, Sonia M Collett, Jeffrey L. Jr Rogers, David C	Atmospheric Science NASA - Nat'l Aeronautics & Space Admin.	10/1/98 - 9/30/00	97290501 \$178,839
Studies of the Importance of Ion- Pairing in High Density Solvent/Catalyst/Olefin...	Lenz, Terry G Rappe, Anthony K	Atmospheric Science US Department of Energy	4/1/98 - 3/31/01	97141301 \$332,886
Report Describing the Snowfall & Snow Pack Density for the United States	Mckee, Thomas B	Atmospheric Science DOI-Bureau of Reclamation	8/1/97 - 9/30/98	97089601 \$15,000
Warm Season Heavy Mountain Precipitation	Mckee, Thomas B	Atmospheric Science NSF - National Science Foundation	11/1/98 - 10/31/01	97294701 \$545,786

Engineering - Proposals

Title	Principal Investigator	Department/Sponsor Name	Dates	Key #/\$Amount
Theoretical Studies in Non-Axisymmetric Vortex Adjustment & an Observational Examination...	Montgomery,Michael T	Atmospheric Science NSF-GEO-Geosciences	4/1/98 - 3/31/01	97108401 \$411,119
Coupled RAMS-SiB2-CENTURY Atmosphere Biogeochemical Modeling for the Amazon Basin	Pielke,Roger A Liston,Glen E Vidale,Pier L	Atmospheric Science NASA - Nat'l Aeronautics & Space Admin.	7/1/98 - 6/30/01	97245301 \$345,765
A Snow-Evaluation Modeling-System for Weather, Climate, & Hydrologic Applications	Pielke,Roger A Liston,Glen E	Atmospheric Science National Aeronautics & Space Admin.	7/1/98 - 6/30/01	97166701 \$356,097
Continued Study of the Influence of Landscape on Boundary Layer & Mesoscale Processes	Pielke,Roger A	Atmospheric Science NSF-GEO-Geosciences	2/1/98 - 1/31/03	97099201 \$744,341
Parameterizing Subgrid-scale Snow-cover Heterogeneities for Use in Regional & Global Climate Models	Pielke,Roger A Liston,Glen E	Atmospheric Science DOC-NOAA-Natl Oceanic & Atmospheric Admn	4/15/98 - 4/14/99	97207501 \$70,000
BOREAS Model/Observational Integrated Study	Pielke,Roger A Liston,Glen E	Atmospheric Science National Aeronautics & Space Admin.	1/1/98 - 12/31/00	97125201 \$224,999
Airborne Observations of Hurricanes: Model Sensitivity Tests, Flight Planning &...	Pielke,Roger A Nicholls,Melville E	Atmospheric Science Simpson Weather Associates, Inc.	5/1/97 - 4/30/00	97083501 \$221,912
Development of a Next-Generation Atmospheric General Circulation Model	Randall,David A	Atmospheric Science DOE-Office of Energy Research	12/1/97 - 11/30/00	97091401 \$470,552
Convective Cloud Systems in Climate Models	Randall,David A	Atmospheric Science NSF-GEO-Geosciences	10/1/98 - 9/30/03	97198901 \$1,088,853
Ice Nucleating Aerosol Particles in Arctic Cloud Systems	Rogers,David C Demott,Paul J Kreidenweis-Dandy,Sonia M	Atmospheric Science National Aeronautics & Space Admin.	3/1/98 - 2/28/01	97140901 \$245,745
Further Analysis of the Shipboard Radar Data from COARE: Rainfall, Convective Organization & Surface Fluxes	Rutledge,Steven A	Atmospheric Science DOC-NOAA-Natl Oceanic & Atmospheric Admn	5/22/98 - 5/23/99	97198701 \$110,000
Tropical Tropospheric Dynamics	Schubert,Wayne H	Atmospheric Science NSF-GEO-Geosciences	2/1/98 - 1/31/01	97093201 \$480,731
Towards a Multisensor Approach to Improve on Current Tropical Rainfall Measurement Mission . . .	Stephens,Graeme L	Atmospheric Science NASA - Nat'l Aeronautics & Space Admin.	9/1/98 - 8/31/01	97262101 \$266,232
A New Approach to the Remote Sensing of Cirrus Clouds Parameters	Stephens,Graeme L	Atmospheric Science NASA-Langley Research Center	5/1/98 - 4/30/99	97234101 \$22,000
GEWEX Cloud & Radiation Mission	Stephens,Graeme L	Atmospheric Science Calif. Inst. of Tech/Jet Propulsion Lab	9/1/97 - 5/1/98	97112501 \$25,000
Tropical Rainfall Measurement Mission TRMM Microwave Imager Polarization Analyses	Stephens,Graeme L	Atmospheric Science NASA-Goddard	6/1/98 - 5/30/99	97261901 \$29,943

Engineering - Proposals

Title	Principal Investigator	Department/Sponsor Name	Dates	Key #/\$Amount
ROPS Design & Testing for Agricultural Tractors	Ayers,Paul D	Chemical & Biores Engineering HHS-NIH-National Institute of Health	12/1/98 - 11/30/01	97171501 \$412,106
Reactive Compatibilization of Immiscible Polymer Blends via Transmission	Belfiore,Laurence A	Chemical & Biores Engineering Dow Corning Corporation	11/1/97 - 10/31/98	97107801 \$46,498
Kinetics of Gelation & Chemical Crosslinking During Transition-Metal Compatibilization of Diene Polymers	Belfiore,Laurence A	Chemical & Biores Engineering American Chemical Company	6/1/98 - 8/31/01	97169901 \$90,000
Kinetics of Gelation & Chemical Crosslinking During Transition-Metal Compatibilization of Diene Polymers...	Belfiore,Laurence A	Chemical & Biores Engineering DOD-USAF-Office of Scientific Research	7/1/98 - 6/30/01	97181501 \$394,608
Thermal Transport Phenomena of Materials Deposition in Layer Manufacturing	Dandy,David S	Chemical & Biores Engineering Arizona State University	1/1/98 - 12/31/00	97103301 \$386,972
An Improved Method for Deposition of Silicon Nitride Barrier Layers Using Plasma Enhanced Chemical...	Dandy,David S Radford,Donald W Peterson,Michael	Chemical & Biores Engineering NSF - Engineering Grant	7/1/98 - 6/30/01	97226901 \$392,456
DNAPL Source Zone Characterization Model	Durnford,Deanna S	Chemical & Biores Engineering NSF-GEO-Geosciences	6/1/98 - 5/31/01	97129901 \$160,951
Simulation Model for the Design & Management of Irrigation & Drainage for Water Quality	Garcia,Luis Ward,Robert C	Chemical & Biores Engineering DOI-USGS-Geological Survey	9/1/98 - 8/31/01	97220501 \$112,437
Spatial Optimization Model Coupled with a Geographic Information System for Crop Planning	Garcia,Luis	Chemical & Biores Engineering BARD-Binational Agri. Res. & Devel. Fund	1/1/98 - 12/31/00	97099901 \$144,184
A Stochastic Approach to Environmental Exposure Assessment Related to Ground Water...	Garcia,Luis Loftis,Jim C Nuckols,John R	Chemical & Biores Engineering USDA-CSRS-Coop. States Research Service	6/1/98 - 5/30/01	97128901 \$379,834
A Stochastic Approach to Environmental Exposure Assessment Related to Groundwater Nitrate Concentrate	Garcia,Luis Loftis,Jim C Nuckols,John R	Chemical & Biores Engineering Environmental Protection Agency	6/1/98 - 5/30/01	97209901 \$480,673
Bio-Neural Networks and Cybernetic Models for Metabolic Engineering: Applications to Plant Cell . . .	Karim,M Nazmul	Chemical & Biores Engineering NSF - National Science Foundation	10/1/98 - 9/30/01	97255701 \$1,249,871
Rheometric & DSC Testing	Rakow,Allen L	Chemical & Biores Engineering Iams Company	6/1/98 - 5/31/99	97233901 \$82,800
Combined Chemical-biological Process for the Treatment of PAH-Contaminated Soils	Reardon,Kenneth F	Chemical & Biores Engineering CIRB-Colo. Inst.of Research in Biotech.	7/1/98 - 6/30/99	97259301 \$17,491
Combined Fenton's Reagent/Biodegradation Process for Treatment of a PAH-PCP Mixture	Reardon,Kenneth F	Chemical & Biores Engineering Environmental Protection Agency	8/1/98 - 8/31/01	97202301 \$352,919

Engineering - Proposals

Title	Principal Investigator	Department/Sponsor Name	Dates	Key #/\$Amount
Bioaugmentation Studies Using a Genetically Modified PCE-Degrading Bacterium	Reardon,Kenneth F Duteau,Nancy M	Chemical & Biores Engineering University of California at Irvine	10/1/98 - 9/30/01	97202901 \$159,163
Engineered Sequential Anaerobic-Aerobic Treatment for Remediation of PCB Contaminated Soil	Reardon,Kenneth F Duteau,Nancy M	Chemical & Biores Engineering Environmental Protection Agency	10/1/98 - 10/1/01	97202501 \$370,959
Integrated Chemical-Biological Process for Treatment of Bleaching Operation Waste Water	Reardon,Kenneth F	Chemical & Biores Engineering TAPPI Foundation, Inc.	11/1/98 - 10/31/99	97297701 \$39,721
Effective Communication & Utilization of National Weather Service Critical Hydrometeorological Information...	Adams,Christopher R Vonderhaar,Thomas H	Cira DOC-NOAA-NWS-National Weather Service	10/1/97 - 9/30/98	97184501 \$37,000
Contributions to Southwest Regional Earth Science Applications Center Proposal	Adams,Christopher R	Cira University of Arizona	11/1/98 - 10/31/00	99001001 \$509,027
Predictability in Well Posed Regional Mesoscale Models	Browning,Gerald L	Cira DOD-USAF-Air Force	9/1/97 - 8/31/00	97090701 \$422,502
Flood Prediction & Warning	Cotton,William R	Cira NSF-Biological Centers	11/1/98 - 10/31/01	97253501 \$2,523,756
Assistance for Image Display Techniques & Data Analysis	Eis,Kenneth E	Cira DOI-NPS-National Park Service	4/1/98 - 12/31/98	97214501 \$36,615
Extended Range Prediction of Major Pan American Warm Season Rainfall Regimes	Gray,William M	Cira DOC-NOAA-Natl Oceanic & Atmospheric Admn	5/1/98 - 4/30/01	97130001 \$249,010
Quasi-Biennial Variability & Climate Forecasting	Gray,William M Cotton,William R	Cira DOC-NOAA-Natl Oceanic & Atmospheric Admn	5/1/98 - 4/30/00	97094901 \$198,596
Convective & Boundary-Layer Processes in the Vicinity of the S. China Sea...	Johnson,Richard H	Cira DOC-NOAA-Natl Oceanic & Atmospheric Admn	4/1/98 - 3/31/01	97094601 \$242,647
Development of Advanced Applications Products Using AMSU Data	Kidder,Stanley Q Vonderhaar,Thomas H	Cira DOC-NOAA-Natl Oceanic & Atmospheric Admn	12/1/97 - 11/30/00	97129101 \$444,711
Proposal to Serve as Co-Instructor for the COMET Satellite Meteorology Courses	Kidder,Stanley Q	Cira UCAR-NCAR-COMET Atmospheric Tech. Divis.	1/26/98 - 4/24/98	97172102 \$7,468
Impact of Clouds on Nitrogen Species & Ozone in the NARE Boundary Layer	Kreidenweis-Dandy,Sonia M Feingold,Graham	Cira DOC-NOAA-Natl Oceanic & Atmospheric Admn	4/1/98 - 3/31/01	97095001 \$407,010
Investigating Mesoscale Convective Systems & Rainfall Variability in the Caribbean Using Tropical . . .	Laing,Arlene G	Cira NASA - Nat'l Aeronautics & Space Admin.	10/1/98 - 9/30/01	97262301 \$175,851
Air-Sea Interactions in the Tropical Pacific & Indian Oceans	Randall,David A Jensen,Tommy G	Cira DOC-NOAA-Natl Oceanic & Atmospheric Admn	4/1/98 - 3/31/01	97095101 \$230,044
CIRA Activities & Participation in DMSP Satellite Processing & Analysis	Vonderhaar,Thomas H Eis,Kenneth E	Cira DOC-NOAA-Natl Oceanic & Atmospheric Admn	7/1/97 - 6/30/98	97099001 \$38,600

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Title	Principal Investigator	Department/Sponsor Name	Dates	Key #/\$Amount
Center for Geosciences/Atmospheric Research	Vonderhaar, Thomas H	Cira DOD-ARMY	7/1/98 - 6/30/02	97234301 \$7,500,000
Satellite Data Reception Analysis & Support	Vonderhaar, Thomas H Grasso, Lewis O	Cira DOC-NOAA-Natl Oceanic & Atmospheric Admn	10/1/97 - 9/30/98	97126801 \$75,000
UCAR Hydrometeorologist for COMET	Vonderhaar, Thomas H Kelsch, Matthew	Cira DOC-NOAA-Natl Oceanic & Atmospheric Admn	11/1/97 - 9/30/98	97117801 \$29,733
Combining Geostationary & Polar Orbiting Satellite Observations for Aerosol Retrievals	Vonderhaar, Thomas H Knapp, Kenneth R	Cira National Aeronautics & Space Admin.	6/1/98 - 5/30/00	97193501 \$133,596
GIMPAP Development for Support of the Virtual Institute for Satellite Integration Training	Vonderhaar, Thomas H	Cira DOC-NOAA-Natl Oceanic & Atmospheric Admn	1/1/98 - 12/31/00	97172301 \$830,000
Severe Weather Research	Vonderhaar, Thomas H	Cira DOC-NOAA-Natl Oceanic & Atmospheric Admn	7/1/98 - 6/30/99	97214101 \$241,000
GOES Science Improvements	Vonderhaar, Thomas H	Cira DOC-NOAA-Natl Oceanic & Atmospheric Admn	8/1/97 - 12/31/01	97084801 \$750,000
Combining Geostationary & Polar Orbiting Satellite Observations for Aerosol Rationales	Vonderhaar, Thomas H Knapp, Kenneth R	Cira National Aeronautics & Space Admin.	8/24/98 - 5/31/99	97209701 \$22,000
Development of Erosion Protection Guidance Nureg	Abt, Steven R	Civil Engineering Nuclear Regulatory Commission	7/1/98 - 9/30/98	97255101 \$9,928
Develop Design Data on Pressure Loss of Large Pipe Fittings	Abt, Steven R Brisbane, Thomas E	Civil Engineering ASHRAE-Amer Soc. of Heat.- Refrig -Air	6/1/98 - 12/31/99	97140301 \$178,262
Methodologies for Design of Soil Covers	Abt, Steven R	Civil Engineering Nuclear Regulatory Commission	10/1/97 - 12/31/97	97108301 \$39,861
Bridge & Culvert Hydraulic Analysis for CASC2D	Abt, Steven R	Civil Engineering DOD-ARMY-Corps of Engineers	1/15/98 - 9/30/98	97135401 \$39,661
Review of Uranium Recovery Facility Reclamation Plans	Abt, Steven R	Civil Engineering Southwest Research Institute	5/18/98 - 3/31/99	97253101 \$33,960
Reducing Environment Pollution by Organic Solids in Environmental Justice Communities	Albertson, Maurice L	Civil Engineering EPA - Environmental Protection Agency	10/1/98 - 12/31/98	97241701 \$98,745
Participating Employee Assignment Agreement - Turner-Fairbank Highway Research Ctr.	Bienkiewicz, Bogusz J	Civil Engineering DOT-Federal Highway Administration	9/1/97 - 8/31/98	97093101 \$101,066
Wind-Induced Vibration of Stay Cables	Bienkiewicz, Bogusz J	Civil Engineering DOT-Federal Highway Administration	9/1/98 - 8/31/00	97242701 \$289,963
Search for Historical Earthquake 11/7/82 Union Pacific Records	Charlie, Wayne A	Civil Engineering DOI-USGS-Geological Survey	11/1/98 - 10/30/99	97227501 \$19,840

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Title	Principal Investigator	Department/Sponsor Name	Dates	Key #/\$Amount
Improved Design of Manufactured Homes for Hazardous Winds	Criswell,Marvin E	Civil Engineering University of Wyoming	1/1/98 - 9/30/00	97090401 \$147,016
Systems Analysis Methods for Water & Natural Resources Decision Making	Fontane,Darrell G	Civil Engineering DOI-USGS-Geological Survey	10/1/94 - 9/30/99	97207101 \$7,400
Water Quantity/Routing Model Development: Klamath River Basin, Oregon & California	Fontane,Darrell G	Civil Engineering DOI-USGS-Geological Survey	10/1/94 - 9/30/99	97206901 \$19,749
Project Management & Implementation	Gates,Timothy K	Civil Engineering World Bank	8/1/98 - 12/31/98	97295101 \$30,170
Numerical Model Study Sediment Basin at Head of Passes	Gessler,Daniel	Civil Engineering DOD-ARMY-Corps of Engineers	10/1/97 - 3/30/98	97097801 \$49,762
Navigation Channel Widening at Crossings on Lower Mississippi	Gessler,Daniel	Civil Engineering DOD-ARMY-Corps of Engineers	1/1/98 - 6/1/98	97141202 \$27,940
Institute for Civil Infrastructure Systems	Grigg,Neil S Fontane,Darrell G	Civil Engineering NSF - Engineering Grant	6/1/98 - 5/31/04	97080901 \$4,992,092
Nomination of Department of Civil Engineering - Program of Excellence	Grigg,Neil S	Civil Engineering CCHE-Commission on Higher Education	7/1/98 - 6/30/03	97151701 \$100,000
Tests & Analysis of Layered Wood-Concrete Floors & Decking	Gutkowski,Richard M	Civil Engineering US Department of Agriculture	9/1/98 - 8/31/00	97179701 \$139,993
Pathogen Passage in Filtration During Transient Phases & Events	Hendricks,David Warren	Civil Engineering American Water Works Assc. Research Fd.	4/1/98 - 3/31/01	97113001 \$400,000
Studies of Micromechanics & Defects in Materials	Heyliger,Paul R	Civil Engineering NSF-MPS-Mathematical & Physical Sciences	8/1/98 - 8/1/99	97108201 \$75,000
Impulse Excitation Apparatus for Anisotropic Material Characterization	Heyliger,Paul R	Civil Engineering NSF - Engineering Grant	5/1/98 - 12/31/99	97108501 \$17,988
Review of L-Bar Sediment Analyses	Julien,Pierre Y	Civil Engineering Nuclear Regulatory Commission	7/1/98 - 9/30/98	97254901 \$9,799
Experiments on Erosion of Cohesive River Bends	Julien,Pierre Y Abt,Steven R	Civil Engineering Washington State University	9/1/98 - 8/31/01	97220101 \$102,964
Regional Scale Integrated Impact Assessment of Climate Change in the Central U.S.	Ramirez,Jorge A	Civil Engineering Tulane University	7/1/98 - 6/30/01	97140101 \$254,670
Incorporation of Medium- & Long-Range Forecasts of Climate into Water Resource...	Ramirez,Jorge A	Civil Engineering Riverside Technology, Inc	4/1/98 - 3/31/01	97098701 \$120,338
Leak Detection Testing for Underground Pressurized Facility Piping	Ruff,James F	Civil Engineering American Petroleum Institute	10/1/97 - 3/1/99	97103401 \$389,035

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Title	Principal Investigator	Department/Sponsor Name	Dates	Key #/\$Amount
Environmental Impact Evaluation Through Interrupted Timeseries	Salas,Jose D	Civil Engineering University of Colorado	10/1/98 - 3/31/00	97221701 \$16,682
Identification of Alternatives for Long-term Operation of North Boundary System	Warner,James W	Civil Engineering DOD-ARMY-Rocky Mountain Arsenal	9/1/97 - 7/15/98	97092901 \$176,100
Geomorphic Assessment in Vicinity of Old River Complex	Watson,Chester C	Civil Engineering DOD-ARMY-Corps of Engineers	11/15/97 - 9/30/98	97125101 \$75,595
Sustainable Watershed Restoration & Protection Strategies in the Context of Changing Land Uses	Watson,Chester C Vlachos,Evan C Wohl,Ellen E	Civil Engineering EPA-Water Pollution Control/R&D	10/1/98 - 9/30/01	97217501 \$687,195
CO-STEM: The Colorado Center of Excellence in Science, Technology, Engineering, & Mathematics	Elhakim,Omnia Ismail Gessler,Johannes Stein,Fredrick M	Dean Of Engineering CCHE-Commission on Higher Education	7/1/98 - 6/30/03	97148301 \$1,125,139
A Biologically Inspired Adaptive Underwater Target Classification System	Azimi-Sadjadi,Mahmood R	Electrical Engineering DOD-NAVY-ONR-Office of Naval Research	10/1/98 - 9/30/00	97265301 \$181,621
Real-Time Target Detection, Classification & Tracking in High Clutter using High...	Azimi-Sadjadi,Mahmood R	Electrical Engineering DOD-USAF-Wright Patterson AFB	1/1/98 - 12/31/99	97092001 \$278,475
Technical & Research Support in Developing Accurate & Inexpensive Instrumentation to Detect...	Beaver,John D Chandrasekar,V	Electrical Engineering CAMI-Advanced Materials Institute/Colo.	1/1/98 - 1/1/99	97137201 \$74,811
Analysis of Fully Polarimetric CSU-CHILL Radar Signatures with Surface & Airborne...	Bringi,Viswanathan N Hubbert,John	Electrical Engineering NSF-GEO-Geosciences	2/1/98 - 12/31/00	97094401 \$336,180
S-POL Radar Based Hydrometer Classification & Rainfall Algorithms in Tropical Storms During TRM	Bringi,Viswanathan N Hubbert,John	Electrical Engineering NSF-GEO-Geosciences	10/1/98 - 10/1/01	97161901 \$362,014
Improving TRMM Ground Validation & Field Campaign Goals Using Polarimetric Radar Analyses with In-Situ . . .	Bringi,Viswanathan N Hubbert,John	Electrical Engineering NASA - Nat'l Aeronautics & Space Admin.	10/1/98 - 9/30/01	97261501 \$274,137
CSU-CHILL Radar Facility for Polarimetric Studies of Precipitation & Evaluation of...	Bringi,Viswanathan N Chandrasekar,V Hubbert,John	Electrical Engineering DOD-USAF-Office of Scientific Research	2/1/98 - 1/31/01	97105401 \$335,675
The Central Auditory Nervous System & Motor Performance: Management Through Binaural . . .	Burleigh,Joan M James,Susan P	Electrical Engineering NSF - National Science Foundation	6/1/98 - 5/31/99	97261101 \$49,488
Space Radar Observation of Targets in the Presence of Precipitation	Chandrasekar,V Bringi,Viswanathan N	Electrical Engineering DOD-USAF-Office of Scientific Research	10/1/98 - 9/30/01	97278901 \$331,091
TRMM Precipitation Radar & Microphysics: Interpretation & Precipitation Estimation	Chandrasekar,V	Electrical Engineering NASA - Nat'l Aeronautics & Space Admin.	10/1/98 - 9/30/01	97260901 \$346,056

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Title	Principal Investigator	Department/Sponsor Name	Dates	Key #/\$Amount
Knowledge Networking of the CSU-CHILL National Radar Facility	Chandrasekar,V Rutledge,Steven A	Electrical Engineering NSF - National Science Foundation	10/1/98 - 9/30/01	97252901 \$847,627
REU in Electrical Engineering Focused Around the CSU-CHILL Polarimetric/Doppler Radar...	Chandrasekar,V	Electrical Engineering NSF - Engineering Grant	3/1/98 - 5/1/01	97103201 \$205,573
Development of a Stereoscopic Haptic Acoustic Real-Time Computer for Virtual Environment Applications	Chen,Thomas Wei	Electrical Engineering NSF-CISE-Computer & Info Sci & Engin	7/1/98 - 6/30/01	97190701 \$695,376
Thin Insulator for Tape Head Applications	Collins,George J	Electrical Engineering CAMI-Advanced Materials Institute/Colo.	7/1/98 - 6/30/99	97244701 \$10,000
Characterizing a New Deposition Process Tailored for Improving Open Circuit Voltage of CdTe. Thin . . .	Collins,George J	Electrical Engineering Midwest Research Institute - NREL	1/1/99 - 12/31/01	97267301 \$307,969
Integrating Process Induced Damage, In-Situ Monitors & IC Testing into a 3 Semester ULSI Process/Test	Jayasumana,M A Anura P Collins,George J	Electrical Engineering NSF - Engineering Grant	7/1/98 - 6/30/01	97221501 \$485,261
Cache Design for High Performance CPUs	Jayasumana,M A Anura P	Electrical Engineering Mitech Corporation	11/1/97 - 7/31/98	97122701 \$24,905
Development of Instrumentation for Growth of Low Dimensional Nanostructures Using Molecular Beam Epitaxy & Laser...	Menoni,Carmen S Lee,Siu Au	Electrical Engineering National Science Foundation	9/1/98 - 8/31/01	97185901 \$479,481
Diblock Copolymer Masks for Nanostructure Fabrication	Menoni,Carmen S Parkinson,Bruce Alan Grainger,David W	Electrical Engineering DOD-ARMY-ARO-Army Research Office	2/1/99 - 1/31/04	97279501 \$973,668
Nanostructure Fabrication Using Co-polymer Masks	Menoni,Carmen S	Electrical Engineering CAMI-Advanced Materials Institute/Colo.	7/1/98 - 6/30/99	97243701 \$10,000
Nanostructure Fabrication with Co-Polymer Masks for Optoelectronics	Menoni,Carmen S Parkinson,Bruce Alan Grainger,David W	Electrical Engineering NSF - Engineering Grant	9/1/98 - 8/31/01	97183701 \$573,597
Carrier Transport Effects on Compressively Strained InAsP Lasers	Menoni,Carmen S Robinson,Gary Y	Electrical Engineering NSF-MPS-Mathematical & Physical Sciences	6/1/98 - 5/31/01	97124101 \$399,952
Holographic Associative Processor for Data Mining in Multimedia Databases	Mitkas,Pericles A	Electrical Engineering DOD-USAF-Air Force	7/1/98 - 6/30/00	97218501 \$272,727
Airport Vehicle-Air Traffic Control Communication System	Nassar,Carl R	Electrical Engineering Idris Communications	10/1/98 - 4/30/99	97273101 \$33,333
Airport Vehicle - ATC Communication System (AVACS)	Nassar,Carl R	Electrical Engineering CAMI-Advanced Materials Institute/Colo.	2/1/98 - 1/31/99	97137301 \$75,000

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Title	Principal Investigator	Department/Sponsor Name	Dates	Key #/\$Amount
Development of an EUV Coherent Radiation Source for Metrology of Projection Lithography...	Rocca,Jorge J G	Electrical Engineering US Department of Defense	7/1/98 - 6/30/98	97141501 \$886,175
Development of a New Photo-Electron/Photo-Ion Spectroscopy Facility for Chemistry Research Based on a Tabletop...	Rocca,Jorge J G Bernstein,Elliot R	Electrical Engineering National Science Foundation	7/1/98 - 6/30/01	97155501 \$691,211
Integrated Telecommunications & Information Processing Laboratory	Shamsunder,Sanyogita Nassar,Carl R Jayasumana,M A Anura P	Electrical Engineering NSF-EHR-Education & Human Resources	6/1/98 - 12/31/99	97127401 \$90,000
Multiuser & Multichannel Signal Processing Techniques	Shamsunder,Sanyogita	Electrical Engineering NSF-CISE-Computer & Info Sci & Engin	6/1/98 - 6/1/01	97129401 \$183,748
Optoelectronic Free-Space Processing Systems for Asynchronous Transfer Mode Switching & Bio-Molecular Scanning	Wilmsen,Carl W	Electrical Engineering NSF - Engineering Grant	7/1/98 - 6/30/01	97163701 \$1,162,443
Colorado State University-Cambridge University Cooperative Research	Wilmsen,Carl W	Electrical Engineering NSF-SBE-Social, Behav & Econ Sciences	3/1/98 - 2/28/01	97122601 \$36,867
Robust Learning Control with Application to Intelligent Building Systems	Young,Peter	Electrical Engineering NSF - Engineering Grant	5/1/98 - 4/30/02	97080601 \$200,000
Robust Control of Large Scale Power Systems	Young,Peter	Electrical Engineering NSF - Engineering Grant	9/1/98 - 8/31/01	97163901 \$189,072
Multi-Sensory Simulation of Temporal Bone Surgery for Lifelong Training Requirements	Young,Peter Azimi-Sadjadi,Mahmood R	Electrical Engineering CASI-Colorado Advanced Software Inst.	7/1/98 - 8/31/99	97196301 \$39,962
Feasibility Study of Near-Field Microwave NDT Methodology for Rubber Hose Inspection...	Zoughi,Reza	Electrical Engineering Texas Research Institute (NTIAC)	7/1/98 - 12/31/98	97112701 \$23,280
Portable Microwave System for Measurement of Fatigue Cracks	Zoughi,Reza Qaddoumi,Nasser N	Electrical Engineering Raymond-Lae Engineering/RLE Techn., Inc.	10/1/98 - 9/30/00	97258301 \$177,096
Development & Evaluation of a Microwave Corrosion Under Paint Inspection System for Bridge Applications	Zoughi,Reza Qaddoumi,Nasser N	Electrical Engineering Texas Research Institute (NTIAC)	7/1/98 - 6/30/01	97227701 \$198,328
Microwave Methods for Nondestructive Evaluation of Polymer-Based Structures	Zoughi,Reza	Electrical Engineering MTI - Matl. Tech. Inst. of Chem. Process	4/1/98 - 3/31/98	97171901 \$99,753
Microwave Analysis & Modeling of Surface Crack Detection in Metals Using Open-Ended Coax...	Zoughi,Reza	Electrical Engineering American Soc. for Nodestructive Testing	8/15/98 - 8/15/99	97117901 \$15,000
Development & Testing of an Averaging Moisture Meter for Non-Destructive Testing of...	Zoughi,Reza	Electrical Engineering IEC-Intermodal Equipment Consulting	6/1/98 - 12/31/98	97102701 \$21,606

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Title	Principal Investigator	Department/Sponsor Name	Dates	Key #/\$Amount
Fatigue & Stress Corrosion Failure of Glass Fibers Under Static Load	Zoughi,Reza Qaddoumi,Nasser N	Electrical Engineering CAMI-Advanced Materials Institute/Colo.	7/1/98 - 6/30/99	97244901 \$10,000
Development of a Simple, Robust & On-Site Microwave Inspection Technique for Determining Water to Cement Ratio...	Zoughi,Reza	Electrical Engineering Portland Cement Association	9/1/98 - 8/31/99	97244101 \$20,000
Second Generation Microwave Prototype: Elimination of Sensitivity to Surface Roughness Variations...	Zoughi,Reza	Electrical Engineering DOD-NAVY-Naval Weapons Center	1/4/98 - 12/31/98	97204301 \$24,974
Microwave Near-Field Inspection of Masonry Structures	Zoughi,Reza	Electrical Engineering Atkinson-Noland & Associates, Inc.	10/1/98 - 3/31/99	97269501 \$33,333
Microwave Inspection of Rubber Hoses	Zoughi,Reza	Electrical Engineering Arizona State University	6/1/98 - 8/31/98	97252501 \$1,756
In-situ, Nondestructive Damage Detection in Composites	Zoughi,Reza Qaddoumi,Nasser N	Electrical Engineering CAMI-Advanced Materials Institute/Colo.	7/1/98 - 6/30/99	97245501 \$10,000
Adept Workcell Development Laboratory	Alciatore,David	Mechanical Engineering Ford Microelectronics, Inc. (FMI)	9/1/98 - 8/31/99	97263701 \$124,380
3-D Digitizing & Rapid Prototyping Applications	Alciatore,David	Mechanical Engineering Office of Research & Development	6/1/98 - 5/31/99	97127001 \$114,274
High Performance Connection for Colorado State University	Burns,Patrick J	Mechanical Engineering NSF-CISE-Computer & Info Sci & Engin	1/1/98 - 12/31/99	97086001 \$365,640
High Performance Connection for Colorado State University	Burns,Patrick J	Mechanical Engineering National Science Foundation	7/1/98 - 6/30/00	97164301 \$350,000
User Support, Maintenance, Documentation & Enhancements to MONT3D	Burns,Patrick J	Mechanical Engineering Univ. California-Lawrence Livermore Lab	10/1/97 - 9/30/98	97098001 \$38,183
Exploring Scientific Inquiry & Career Opportunities	Carlile,Craig	Mechanical Engineering NSF-EHR-Education & Human Resources	8/1/98 - 7/31/01	97122901 \$1,009,546
Exploring Science & Engineering Career Opportunities	Carlile,Craig Jackson,Elizabeth A Troxell,Wade O	Mechanical Engineering DOE - US Department of Energy	8/1/98 - 5/31/99	97274701 \$64,048
Student Powered Access for Rural Kids (SPARK)	Carlile,Craig Jackson,Elizabeth A	Mechanical Engineering US Department of Education	9/1/98 - 8/31/01	97123001 \$241,230
Solar Energy System Development	Duff,William S	Mechanical Engineering Sun Utility Network	7/1/97 - 12/31/97	97089201 \$33,179
Fetal & Maternal Monitors for Veterinary Obstetrics	Histand,Michael B	Mechanical Engineering CAMI-Advanced Materials Institute/Colo.	2/1/98 - 1/30/99	97132701 \$75,000

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Title	Principal Investigator	Department/Sponsor Name	Dates	Key #/\$Amount
Support to Address Thermal & Environmental Issues at the 2nd International Conference on Energy & Environment	Hittle,Douglas C Tong,Timothy	Mechanical Engineering National Science Foundation	3/16/98 - 9/15/98	97186501 \$31,616
Robust Learning Control for Heating, Ventilating & Air-Conditioning Systems	Hittle,Douglas C Anderson,Charles Young,Peter	Mechanical Engineering NSF - Engineering Grant	1/1/98 - 12/31/00	97129001 \$745,140
Development of Quality Assurance Project Plan	Hutcherson,Gary	Mechanical Engineering Pacific Environmental Services, Inc.	6/8/98 - 6/30/98	97282301 \$15,087
Synthesizing and Elevating Biomedical Engineering Education at CSU: A University-Industry Collaboration	James,Susan P	Mechanical Engineering Whitaker Foundation	6/1/99 - 5/31/02	97217301 \$987,979
Development & Testing of Sensor Fusion Based System for Scanning of Timber Members in Bridges	Peterson,Michael Zoughi,Reza	Mechanical Engineering US Department of Agriculture	8/15/98 - 8/14/00	97187901 \$161,356
Investigation of Pulsed CVD Filling of Capillaries	Peterson,Michael Radford,Donald W	Mechanical Engineering NSF - Engineering Grant	7/1/98 - 7/1/01	97111401 \$296,711
A Distributed Wave Guide Sensor	Peterson,Michael	Mechanical Engineering NSF-Biological Centers	7/1/98 - 7/1/92	97085301 \$199,999
Tire Characterization of Multiple Size Tire Casings	Peterson,Michael	Mechanical Engineering Bandag, Inc.	5/1/98 - 12/31/99	97243501 \$49,882
Slip Trip & Fall in Construction & Transportation	Peterson,Michael	Mechanical Engineering HHS-CDC-Occup Safety & Health (NIOSH)	12/1/98 - 12/1/00	99001901 \$67,775
Development of a Scalable Manufacturing Process	Peterson,Michael	Mechanical Engineering Outlast Technologies, Inc.	8/15/98 - 12/31/99	97229501 \$147,739
Materials Science of Polyimide Foams	Radford,Donald W	Mechanical Engineering Montec Associates, Inc.	9/1/98 - 8/31/99	97250301 \$18,003
Effects of Accumulated Fatigue Damage on Ultra-High Modulus Carbon Fiber Reinforced Composites	Radford,Donald W	Mechanical Engineering CAMI-Advanced Materials Institute/Colo.	7/1/98 - 6/30/99	97242901 \$10,000
Bridging the Materials/Mechanics/Structures Gap for Health Prediction & Monitoring of Composites	Radford,Donald W Peterson,Michael Smith,Frederick W	Mechanical Engineering NSF - Engineering Grant	9/1/98 - 8/31/01	97214301 \$597,694
Separating Mechanisms of Manufacturing Distortion in Fiber Reinforced Composite Materials	Radford,Donald W	Mechanical Engineering NSF - Engineering Grant	7/1/98 - 6/30/01	97111601 \$277,014
High Throughput Manufacturing of High Efficiency Solar Cells	Sampath,Walajabad S Barth,Kurt Enzenroth,Robert A	Mechanical Engineering US Department of Energy	10/1/97 - 10/1/98	97080201 \$99,761

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Title	Principal Investigator	Department/Sponsor Name	Dates	Key #/\$Amount
Plasma Enhanced Close Space Sublimation for Continuous Deposition of Cdte Solar Cells	Sampath,Walajabad S Barth,Kurt	Mechanical Engineering Midwest Research Institute - NREL	2/1/98 - 2/1/01	97091501 \$395,255
Novel Plasma Enhanced Close Space Sublimation Process for Improved II-VI Thin Films & Devices	Sampath,Walajabad S	Mechanical Engineering Midwest Research Institute - NREL	1/1/99 - 12/31/02	97282101 \$304,152
Implicit Implementation of a Virtual Finite Element	Smith,Frederick W	Mechanical Engineering Univ. California-Los Alamos National Lab	11/1/97 - 10/31/98	97120801 \$50,273
Northern Colorado Manufacturing Competitiveness Infrastructure Project	Troxell,Wade O Cherian,Sunil	Mechanical Engineering CATI-Colo. Advanced Technology Institute	10/1/97 - 6/30/98	97106201 \$53,699
Evaluation of Technologies for Reducing Hazardous Air Pollution Emissions	Willson,Bryan D	Mechanical Engineering GRI-Gas Research Institute	2/1/98 - 7/31/99	97167701 \$397,078
Development of an Energy Management Control System for Hybrid-Electric Shuttle Buses	Willson,Bryan D	Mechanical Engineering CAMI-Advanced Materials Institute/Colo.	9/1/97 - 8/31/98	97095601 \$75,000
Development of Natural Gas APU Engine for Hybrid Electric Buses	Willson,Bryan D	Mechanical Engineering GRI-Gas Research Institute	1/1/98 - 12/31/98	97168101 \$112,552
Large Engine Testing	Willson,Bryan D	Mechanical Engineering Energy and Environmental Analysis, Inc.	10/1/98 - 9/30/03	97289901 \$446,363
Emission Reduction & Performance Optimization for Large, Industrial High-Speed Natural Gas Engines	Willson,Bryan D Hutcherson,Gary	Mechanical Engineering GRI-Gas Research Institute	1/1/98 - 12/31/98	97136801 \$310,000

Liberal Arts - Proposals

Title	Principal Investigator	Department/Sponsor Name	Dates	Key #/\$Amount
Urban Migration, Reservation Populations & the Regional Phenomenon of Lakota Society	Pickering,Kathleen A	Anthropology Wenner-Gren Foundation	1/1/99 - 8/31/99	97245701 \$14,500
Colorado International Invitational Poster Exhibition	Frickman,Linda G	Art Colorado Council on the Arts & Humanitie	9/1/99 - 10/31/99	97253301 \$7,428
A Bilingual/Bicultural Mathematics Project for Academic Advancement	Valdez,Norberto	Ctr Applied Stu Amer Ethnicity US Department of Education	7/1/98 - 6/30/01	97164701 \$599,689
Reciprocal Experiential Learning: A School-to-Career Curricula Grant	Keller,Robert R Mcnerney,Ralph B Sneider,Thomas W	Economics CCHE-Commission on Higher Education	12/1/97 - 12/31/99	97122501 \$40,000
Center for Literary Publishing	Milofsky,David	English CCHE-Commission on Higher Education	7/1/98 - 6/30/03	97148701 \$311,135
Creation & Presentation Grant to the National Endowment for the Arts	Milofsky,David	English NEA-National Endowment for the Arts	12/1/98 - 12/1/00	97219901 \$60,995
Journey to the West: An Interdisciplinary Symposium	Sargent,Stuart H	Foreign Languages & Literature Association for Asian Studies	10/2/98 - 10/4/98	97225901 \$1,500
Journey to the West: An Interdisciplinary Symposium	Sargent,Stuart H	Foreign Languages & Literature Pacific Cultural Foundation	10/2/98 - 10/4/98	97225701 \$4,947
Syria's Israelite Kings: A Translation of Ibn 'Asakir's Lives of Saul, David & Solomon	Lindsay,James E	History NEH-DFS-Div. of Fellowships & Seminars	5/15/97 - 7/15/98	97111301 \$4,000
Community Readiness and Media Prevention Campaigns	Slater,Michael D	Journalism & Technical Comm HHS-NIH-National Institutes of Health	10/1/98 - 9/30/03	97241501 \$2,435,263
Assessing Alcohol Education Appeal Types Across Use Levels	Slater,Michael D	Journalism & Technical Comm HHS-NIH-National Institute of Health	8/1/98 - 7/31/02	97126901 \$1,012,683
Developing a Research-Based Traffic Safety Communication Campaign for the CO DOT	Zimmerman,Donald E	Journalism & Technical Comm CCA-Corporate Communications Association	11/1/97 - 9/30/98	97102601 \$58,536
Evaluating Agricultural Association Safety Programs Injury Prevention Strategies	Zimmerman,Donald E	Journalism & Technical Comm HHS-CDC-Centers for Disease Control	9/1/97 - 8/31/00	97081301 \$503,459
Broadening the Constituencies of Natural Resource Agencies	Zimmerman,Donald E	Journalism & Technical Comm DOI-USFWS-Fish & Wildlife Service	5/15/98 - 9/30/99	97242101 \$27,596
American College Dance Festival	Slusarski-Harris,Jane	Music, Theatre & Dance City of Fort Collins - Fort Fund	7/1/98 - 4/15/99	97270101 \$5,000
Mice Can Roar: Small Island States in International Environmental Policy	Stevis,Dimitris Shibuya,Eric Y	Political Science NSF-SBE-Social, Behav & Econ Sciences	6/1/98 - 5/31/99	97095301 \$8,000

Liberal Arts - Proposals

Title	Principal Investigator	Department/Sponsor Name	Dates	Key #/\$Amount
Local Government Responses in a New Policy Environment	Swanson,Louis E. Jr	Sociology Ohio State University	9/1/98 - 10/1/01	97138701 \$103,891
Quality of the Educational Experience	Gill,Ann M Vest,David	Speech Communication CCHE-Commission on Higher Education	7/1/98 - 6/30/03	97149101 \$629,714

Natural Resources - Proposals

Title	Principal Investigator	Department/Sponsor Name	Dates	Key #/\$Amount
Design, Field Protocols & Advice on Data Analysis for Environmental Contaminant Studies	Anderson,David R	Coop Fish & Wildlife Research DOI-USFWS-Fish & Wildlife Service	1/29/98 - 10/1/00	97186901 \$30,000
Adaptive Stochastic Dynamic Programming Software Development	Anderson,David R	Coop Fish & Wildlife Research DOI-USFWS-Fish & Wildlife Service	1/22/98 - 12/31/00	97166901 \$86,298
Adaptive Stochastic Dynamic Programming Software Development	Anderson,David R	Coop Fish & Wildlife Research DOI-USFWS-Fish & Wildlife Service	1/1/98 - 12/31/99	97127201 \$64,491
Beaver Control of Tamarisk: Mechanisms & Management Applications	Anderson,David R	Coop Fish & Wildlife Research DOI-USGS-Geological Survey	5/6/98 - 12/31/01	97242301 \$15,000
Development of a Comprehensive Database of Existing Data on Pathogens & Parasites	Bergersen,Eric P	Coop Fish & Wildlife Research DOI-USFWS-Fish & Wildlife Service	2/1/98 - 1/31/99	97139701 \$30,000
Environment & Conservation Management Curricula Development	Smith,Freeman M	Dean Of Natural Resources World Wildlife Fund	12/1/97 - 7/31/98	97119701 \$80,000
Coupled Remote Sensing, Energy Balance & Statistical Modeling for Assessment of Regional Snowpack...	Elder,Kevin J	Earth Resources National Aeronautics & Space Admin.	5/1/98 - 4/30/01	97161301 \$367,904
Geologic Mapping in the Durango East Quadrangle, La Plata County, Colorado	Erslev,Eric A	Earth Resources DOI-USGS-Geological Survey	5/1/98 - 5/31/99	97129801 \$14,014
Collaborative Research: Kinematic Development of Basement-Involved Folds	Erslev,Eric A	Earth Resources NSF - National Science Foundation	1/1/99 - 12/31/01	97268701 \$76,964
The Nature of Laramide Intracratonic Deformation: Detailed Structural Studies to Supplement the 1999 . . .	Erslev,Eric A	Earth Resources NSF - National Science Foundation	6/1/99 - 5/31/01	97268501 \$81,426
Fountain Formation (Upper Paleozoic) Paleosols in Colorado: Implications for Pale...	Ethridge,Frank G Sutton,Sally	Earth Resources NSF-GEO-Geosciences	7/1/98 - 6/30/01	97129501 \$109,030
1870s/1880s in Chromite from Tethyan Ophiolites: Window to the Mantle	Hannah,Judith L Morgan,John W	Earth Resources NSF - National Science Foundation	4/1/99 - 3/31/01	99002301 \$156,464
Watershed Research	Hannah,Judith L Hermann,Raymond	Earth Resources DOI-USGS-Geological Survey	7/1/96 - 8/1/99	97246501 \$59,599
Evaluating & Monitoring Cumulative Watershed Effects	Macdonald,Lee H	Earth Resources USDA - US Department of Agriculture	1/1/99 - 12/31/01	97296101 \$211,352
A Pilot & Demonstration Project Linking Field Geology to Grades 5-16 Locally through Field Trips &...	Magloughlin,Jerry F Frank,Andrew J Viney,Mike	Earth Resources NSF-GEO-Geosciences	7/1/98 - 6/30/99	97165101 \$33,643
Argon Geochronometry of Fault Rocks Associated with Ancient Earthquakes	Magloughlin,Jerry F	Earth Resources National Science Foundation	7/1/98 - 6/30/00	97134201 \$74,056

Natural Resources - Proposals

Title	Principal Investigator	Department/Sponsor Name	Dates	Key #/\$Amount
Short-term Training Course in Snow Hydrology	Smith,Freeman M Boyne,Harold S	Earth Resources Winrock International	12/29/97 - 2/9/98	97102901 \$15,788
Watershed Management Training	Stednick,John D Smith,Freeman M	Earth Resources Environmental Protection Agency	3/1/98 - 9/30/98	97166301 \$39,875
Water Quality Characterization of Jackson Lake Reservoir	Stednick,John D	Earth Resources Colorado State Parks/CO Natural Areas Pg	1/1/98 - 12/31/98	97203901 \$19,318
Applied Isotope Research for Industry & the Environment - Research Technician Assistance	Stein,Holly J Hannah,Judith L Morgan,John W	Earth Resources National Science Foundation	7/1/98 - 6/30/01	97171101 \$150,000
Re-Os Dating of Molybdenites from the Ukrainian Shield: Geologic, Tectonic, & Mineralization Histories	Stein,Holly J	Earth Resources NSF - National Science Foundation	1/1/99 - 1/1/01	97268301 \$195,952
POWRE: Dating Volcanic Eruptions -- Bridging Historic & Pre-Historic Time	Stein,Holly J	Earth Resources NSF-GEO-Geosciences	7/1/98 - 12/31/99	97138601 \$74,704
Determining an Appropriate Sediment Transport Model for Incorporation into Stable Reclaimed Channel Design	Wohl,Ellen E	Earth Resources University of Wyoming	6/1/98 - 6/1/00	97186701 \$77,508
Chemical Weathering in Granitic Channels of India & the United States	Wohl,Ellen E Sutton,Sally	Earth Resources NSF-SBE-Social, Behav & Econ Sciences	12/1/97 - 12/31/98	97098901 \$23,775
Modeling Flows for Fish Habitat Maintenance	Wohl,Ellen E	Earth Resources Colorado Division of Wildlife	5/1/98 - 9/1/00	97137101 \$44,548
Chemical Weathering in Granitic Channels of India & the United States	Wohl,Ellen E Sutton,Sally	Earth Resources NSF - National Science Foundation	12/1/98 - 1/1/00	97256101 \$46,573
Acquisition of Hydraulics Instrumentation for Field-Based Research	Wohl,Ellen E Julien,Pierre Y Covich,Alan P	Earth Resources National Science Foundation	9/1/98 - 10/1/99	97187301 \$106,085
Flume Simulation of Bedrock Channel Incision	Wohl,Ellen E	Earth Resources NSF-GEO-Geosciences	6/1/98 - 12/31/99	97129601 \$50,104
Characterize the Geomorphic Effects of the 1997 Flooding Along Yuma Wash, Arizona	Wohl,Ellen E	Earth Resources DOD-ARMY-ARO-Army Research Office	1/1/98 - 6/30/98	97133001 \$10,086
Non-Lethal Methods for Reducing Conflicts with Rodents	Andelt,William F	Fish & Wildlife Biology USDA-APHIS-Ag & Plant Health Insp Srvc	8/19/96 - 12/31/98	97089301 \$18,000
Resolving Conflicts with Wildlife	Andelt,William F	Fish & Wildlife Biology USDA-APHIS-Ag & Plant Health Insp Srvc	8/19/97 - 8/18/98	97089401 \$5,000
Contaminants & Endocrine Disruption in Fish	Beyers,Daniel W	Fish & Wildlife Biology DOI-USGS-Geological Survey	7/1/97 - 12/31/98	97080701 \$29,832

Natural Resources - Proposals

Title	Principal Investigator	Department/Sponsor Name	Dates	Key #/\$Amount
Responses of Stream Ecosystems to Contaminants:	Clements,William H	Fish & Wildlife Biology	10/1/98 -	97193901
The Influence of Environmental Heterogeneity ...	Duteau,Nancy M Poff,N. Leroy	Environmental Protection Agency	9/30/01	\$896,168
Effects of Contaminants Across Levels of Biological Organizations: Integrating Biochemical, Population...	Clements,William H Ramsdell,Howard S Black,William C Iv	Fish & Wildlife Biology Environmental Protection Agency	10/1/98 - 9/30/01	97222901 \$364,020
Wetland Ecosystem Dynamics & Biodiversity in the San Luis Valley	Cooper,David Jonathan	Fish & Wildlife Biology Mellon Foundation	4/1/98 - 5/1/01	97107201 \$70,835
Building Learning Connections	Covich,Alan P	Fish & Wildlife Biology CCHE-Commission on Higher Education	7/1/98 - 6/30/03	97149301 \$921,083
Effects of Low Flows on Tropical Freshwater Gastropods Along an Elevational Gradient	Covich,Alan P	Fish & Wildlife Biology USDA - US Department of Agriculture	9/1/98 - 8/31/99	97289701 \$30,000
Improving the Success Rate of Colorado River Cutthroat Trout Restoration Projects	Fausch,Kurt D	Fish & Wildlife Biology US Department of the Interior	5/1/98 - 4/30/02	97132501 \$191,217
Strategies to Reduce the Effects of Nonnative Brook Trout on Colorado River Cutthroat...	Fausch,Kurt D	Fish & Wildlife Biology US Department of the Interior	5/1/98 - 4/30/02	97132601 \$204,455
Integrating Biohydrology & Water Management to Benefit Native Fishes in the Western United States	Fausch,Kurt D	Fish & Wildlife Biology DOI-USGS-Geological Survey	9/1/98 - 8/31/01	97220301 \$267,828
Testing Models of Abiotic-biotic Interactions Across Multiple Scales as Predictors of Invasion Success in a . . .	Fausch,Kurt D	Fish & Wildlife Biology NSF - National Science Foundation	1/1/99 - 12/31/01	97278701 \$299,252
Use of Fish & Macroinvertebrates to Assess the Toxicity of Metals in the Animas River,CO	Flickinger,Stephen A Nimmo,Del Wayne R	Fish & Wildlife Biology DOI-USGS-Geological Survey	8/1/97 - 9/30/98	97081101 \$15,000
Toxicity Tests on Leachate for Mine Waste Characterization	Flickinger,Stephen A Nimmo,Del Wayne R	Fish & Wildlife Biology DOI-USGS-Geological Survey	8/1/97 - 9/30/98	97082001 \$8,000
Lake Shasta Food Web Analysis Using Bioenergetics Stable Isotopes and Diet Sampling	Johnson,Brett Michael	Fish & Wildlife Biology DOI-USGS-Geological Survey	6/1/98 - 5/1/99	97276301 \$11,330
Refine Modeling Tools to Forecast Effects of Dam Operations on Reservoir Food Webs	Johnson,Brett Michael	Fish & Wildlife Biology DOI-Bureau of Reclamation	1/1/98 - 12/31/00	97126501 \$184,238
Refine Modeling Tools to Forecast Effects of Dam Operations on Reservoir Food Webs	Johnson,Brett Michael	Fish & Wildlife Biology DOI-Bureau of Reclamation	1/1/98 - 12/31/01	97126401 \$306,089
Boulder County Caribou Ranch	Kettler,Stephan M Wunder,Michael B	Fish & Wildlife Biology Boulder County Parks & Open Spaces	4/1/98 - 12/31/98	97203701 \$16,500
Montrose County Wetland Inventory & Assessment	Sanderson,John S Wunder,Michael B	Fish & Wildlife Biology DOI-BLM-Bureau of Land Management	6/1/98 - 11/15/98	99002101 \$9,499

Natural Resources - Proposals

Title	Principal Investigator	Department/Sponsor Name	Dates	Key #/\$Amount
AFA Mouse Mitigation	Schorr,Robert	Fish & Wildlife Biology US Department of Defense	1/1/99 - 12/31/00	97157101 \$507,078
CNAP Evening Primrose	Spackman,Susan	Fish & Wildlife Biology Colorado State Parks/CO Natural Areas Pg	4/1/98 - 2/28/99	97166501 \$4,994
TNC Crandall's Hollyhock	Spackman,Susan	Fish & Wildlife Biology The Nature Conservancy	4/1/98 - 2/28/99	97181901 \$5,362
Zoological Survey of Nine Colorado State Parks	Wunder,Michael B	Fish & Wildlife Biology Colorado Department of Natural Resources	6/1/98 - 12/31/98	97274501 \$23,014
Influence of Elk & Conifers on Aspen Regeneration in Rocky Mountain National Park	Binkley,Daniel E	Forest Sciences Rocky Mountain Elk Foundation	6/1/98 - 5/31/99	97230101 \$13,578
Sustainability of Natural Vegetation Communities Grazed by Elk in Rocky Mountain National Park	Binkley,Daniel E	Forest Sciences Rocky Mountain Elk Foundation	5/1/98 - 12/31/99	97211301 \$39,700
Aspen Regeneration and Elk Densities in the Yellowstone Ecosystem	Binkley,Daniel E	Forest Sciences Rocky Mountain Elk Foundation	6/1/98 - 5/31/99	97222701 \$15,000
Longevity of Tree-Species Effects on Soil Fertility & Second Rotation Tropical Tree Plantations	Binkley,Daniel E	Forest Sciences University of Hawaii	6/1/98 - 5/31/01	97138201 \$240,602
Nutrient Supply Effects on Riparian Vegetation on the Green & Yampa Rivers	Binkley,Daniel E	Forest Sciences DOI-USGS-Geological Survey	5/1/98 - 5/31/99	97227101 \$29,985
Wetland Management Field Support at Fort Drum, New York, On-Campus	Brozka,Robert J	Forest Sciences DOD-ARMY-Fort Drum, New York	6/15/98 - 12/31/98	97281301 \$2,675
Wetland Management Field Support at Fort Drum, New York, Off-Campus	Brozka,Robert J	Forest Sciences DOD-ARMY-Fort Drum, New York	6/15/98 - 12/31/98	97281101 \$23,332
Monitoring Fire Effects in Dinosaur National Monument	Omi,Philip N Reich,Robin M	Forest Sciences DOI-NPS-National Park Service	6/1/98 - 5/30/99	97188501 \$32,085
Evaluation of Wildfire Rehabilitation Treatments, Grand Junction District	Omi,Philip N	Forest Sciences DOI-BLM-Bureau of Land Management	4/1/98 - 4/30/00	97223701 \$37,408
Three-Dimensional Modeling of Bolted Joints in Wood	Pellicane,Patrick J Patton-Mallory,Marcia	Forest Sciences US Department of Agriculture	10/1/98 - 3/31/01	97169701 \$138,242
Modeling the Spatial Relationships of Small Scale Disturbances and Snow Distribution in Subalpine Forest Ecosystems	Reich,Robin M	Forest Sciences NSF - National Science Foundation	9/1/98 - 8/31/01	97229701 \$483,009
Ecology of the Thick-Billed Parrot in the Sierra Madre Occidental of Chihuahua, Mexico	Reich,Robin M	Forest Sciences NSF - National Science Foundation	9/1/98 - 8/31/01	97246701 \$437,665

Natural Resources - Proposals

Title	Principal Investigator	Department/Sponsor Name	Dates	Key #/\$Amount
Tracked Vehicle Study Data Analysis for Idaho Army National Guard	Shaw,Robert B Bagley,Calvin F	Forest Sciences DOD - US Department of Defense	6/1/98 - 4/30/99	97280301 \$3,912
Site-Based Decision Support System for Mitigation Rehabilitation of Military Training/Testing Impacts	Shaw,Robert B Doe,William W	Forest Sciences DOD-NAVY-ONR-Office of Naval Research	1/1/99 - 12/31/02	97208101 \$2,235,651
Integrated Training Area Management & Technical Support for Idaho Army National Guard	Shaw,Robert B Bagley,Calvin F	Forest Sciences DOD - US Department of Defense	6/1/98 - 4/30/99	97280101 \$29,201
Site-Based Decision Support System for Mitigation/ Rehabilitation of Military Training & Testing Impacts	Shaw,Robert B	Forest Sciences US Department of Defense	-	97179501 \$2,000,000
Cultural Resource Management Support at Eglin Air Force Base	Shaw,Robert B	Forest Sciences DOI-NPS-National Park Service	10/1/97 - 9/30/98	97089101 \$102,644
Analysis of Soil Erosion Models for Natural & Cultural Resources Applications	Shaw,Robert B	Forest Sciences DOD-ARMY	2/16/98 - 9/14/98	97170101 \$49,169
Community Analysis & Monitoring, Pulaski National Monument, Georgia	Shaw,Robert B	Forest Sciences DOI-NPS-National Park Service	10/1/97 - 9/30/98	97098601 \$73,064
Recreation Management of Western Water	Haas,Glenn E	Nat Res Recreation & Tourism DOI-Bureau of Reclamation	9/30/97 - 9/30/99	97098801 \$20,000
Exploring Shifts in Value Orientations Toward the Natural Environment	Manfredo,Michael J	Nat Res Recreation & Tourism US Department of Agriculture	8/15/97 - 8/15/00	97094501 \$29,018
Survey of National Park Managers to Identify Geologic Resource Management Issues of Concern	Wallace,George N	Nat Res Recreation & Tourism DOI-NPS-National Park Service	5/1/98 - 10/31/98	97254701 \$6,795
Air Quality Effects	Baron,Jill Johnson,Brett Michael	Natural Resource Ecology Lab USDI-GS-State Partnerships	6/1/98 - 5/30/99	97261301 \$58,356
Responses of Hydrologic & Aquatic Ecosystems to Potential Climate Change on Watershed, Drainage Basin...	Baron,Jill Parton,William J	Natural Resource Ecology Lab DOI-NPS-National Park Service	5/1/98 - 4/30/99	97207301 \$69,000
A Model-Based Synthesis of Serengeti Nutrient Cycling at Site, Landscape, & Ecosystem Spatial Scales	Coughenour,Michael B	Natural Resource Ecology Lab Syracuse University	1/1/99 - 12/31/04	97202101 \$348,720
Spatial Ecosystem Modeling of Yellowstone Bison & their Environments	Coughenour,Michael B	Natural Resource Ecology Lab DOI-USGS-Geological Survey	6/1/97 - 5/31/02	97085601 \$113,034
Ecosystem & Landscape Interactions in Alaskan Geese Grazing Systems	Coughenour,Michael B	Natural Resource Ecology Lab University of Alaska at Fairbanks	1/1/98 - 12/31/02	97099801 \$242,070
Integrated Modeling & Assessment for Balancing Food Security, Conservation, & Ecosystems...	Coughenour,Michael B Galvin,Kathleen	Natural Resource Ecology Lab University of California at Davis	10/1/97 - 9/30/03	97091801 \$1,162,220

Natural Resources - Proposals

Title	Principal Investigator	Department/Sponsor Name	Dates	Key #/\$Amount
An Ecological & Veterinary Approach to Wildlife & Livestock in Uganda	Coughenour,Michael B Demartini,James C Galvin,Kathleen	Natural Resource Ecology Lab University of California at Davis	6/1/98 - 5/31/01	97182901 \$252,031
Modeling Arizona Oak Savanna Responses to Climate, Grazing, Fire & Exotic Grasses	Coughenour,Michael B	Natural Resource Ecology Lab University of Arizona	7/1/98 - 6/30/01	97180501 \$91,360
Integrated Modeling & Assessment for Balancing Food Security, Conservation & Ecosystem...	Coughenour,Michael B Galvin,Kathleen	Natural Resource Ecology Lab University of California at Davis	10/1/97 - 9/30/03	97091901 \$888,189
Modeling Spatial Plant-Geese Interactions in the Yukon Delta	Coughenour,Michael B	Natural Resource Ecology Lab University of Alaska at Fairbanks	1/1/97 - 12/31/98	97276501 \$297,767
Modeling the Impacts of the Hell's Canyon Hydroelectric Project on Terrestrial Natural Resources	Coughenour,Michael B Swift,David M	Natural Resource Ecology Lab Idaho Power Company	1/1/98 - 12/31/00	97144901 \$551,573
Regional Ecosystem Properties: A Hierarchical Approach to Landscape Aggregation	Elliott,Edward T Kelly,Eugene F Paustian,Keith H	Natural Resource Ecology Lab NSF-Biological Centers	7/1/98 - 6/30/02	97137901 \$644,913
Agroecosystem Boundaries & C Dynamics Global Change in the Central United States	Elliott,Edward T Paustian,Keith H	Natural Resource Ecology Lab University of Nebraska	7/1/98 - 6/30/01	97148101 \$480,448
Living with Uncertainty	Ellis,James Galvin,Kathleen Coughenour,Michael B	Natural Resource Ecology Lab North Dakota State University	9/1/98 - 8/31/01	97180301 \$195,482
Uses of Climate Forecast Information in the Livestock Sector of the Arid Regions of S. Africa	Galvin,Kathleen Ellis,James	Natural Resource Ecology Lab DOC-NOAA-Natl Oceanic & Atmospheric Admn	4/1/98 - 3/31/01	97094701 \$309,923
Development & Management of a USDA UVB Monitoring Program	Gibson,James H Bigelow,David S Slusser,James R	Natural Resource Ecology Lab US Department of Agriculture	10/1/98 - 9/30/99	97206301 \$934,773
Integrated WATER & Watersheds Programs	Grigg,Neil S Baron,Jill Ramirez,Jorge A	Natural Resource Ecology Lab NSF-GEO-Geosciences	10/1/98 - 9/30/03	97183501 \$22,027,740
Applying Dynamic Modeling & Adaptive Management to Brucellosis	Gross,John E Lubow,Bruce C	Natural Resource Ecology Lab US Department of Agriculture	10/1/98 - 9/30/01	97175101 \$396,323
Assessing Consequences of Land Conversion on the Value of Environmental Amenities	Gross,John E Theobald,David M Loomis,John B	Natural Resource Ecology Lab Environmental Protection Agency	10/1/98 - 9/30/01	97168301 \$381,006
Forecasting Genetic Consequences of Wild Horse Management Options	Gross,John E	Natural Resource Ecology Lab DOI-USGS-Geological Survey	6/1/98 - 5/31/99	97268901 \$13,000

Natural Resources - Proposals

Title	Principal Investigator	Department/Sponsor Name	Dates	Key #/\$Amount
An Ecosystem Approach for Comparing Alternatives for Managing Elk Populations	Hobbs,N Thompson	Natural Resource Ecology Lab	3/1/98 -	97160501
	Coughenour,Michael B Ellis,James	Colorado Division of Wildlife	2/28/99	\$55,959
Land Use in Temperate East Asia Training & Data Base Development Workshop	Ojima,Dennis	Natural Resource Ecology Lab	5/1/98 -	97245101
		Asian-Pacific Network for Global Change	4/30/99	\$35,000
Collaborative Land Atmosphere Transfer Experiment (C-LATTE)	Ojima,Dennis	Natural Resource Ecology Lab	9/1/98 -	97193301
	Pielke,Roger A Parton,William J	National Aeronautics & Space Admin.	8/31/01	\$1,045,059
Ecological, Climatic, Economic, & Socio-Cultural Drivers of Land-Use Changes...	Ojima,Dennis	Natural Resource Ecology Lab	7/1/98 -	97140201
	Parton,William J	University of Nebraska	6/30/01	\$349,851
Field-Scale Measurement of Ch4, N2O, CO2 & H2O Flux from Rice-based Agricultural Systems	Ojima,Dennis	Natural Resource Ecology Lab	10/1/98 -	97133701
	Mosier,Arvin R	National Aeronautics & Space Admin.	9/30/01	\$467,832
Regional Great Plains Assessment	Ojima,Dennis	Natural Resource Ecology Lab	5/17/98 -	97261701
	Parton,William J	DOE - US Department of Energy	6/30/00	\$622,000
Long-Term Ecological Measurements in Loch Vale Watershed, Rocky Mountain National Park	Parton,William J	Natural Resource Ecology Lab	4/1/98 -	97206701
	Baron,Jill	DOI-NPS-National Park Service	3/31/99	\$75,386
Rice Agroecosystem Model Development	Parton,William J	Natural Resource Ecology Lab	10/1/98 -	97137601
		National Aeronautics & Space Admin.	9/30/01	\$205,339
Software Tools Supporting Ecological Modeling & Decision Making	Parton,William J	Natural Resource Ecology Lab	10/1/98 -	97246901
	Ojima,Dennis	Oregon State University	9/30/01	\$118,871
Quantifying Carbon Sequestration Potential Through Improved Pasture Management	Paustian,Keith H	Natural Resource Ecology Lab	4/1/98 -	97203101
	Elliott,Edward T	Environmental Protection Agency	3/31/01	\$336,245
Potential Consequences of Climate Change & Variability for the Rocky Mountain & Great Basin Region . . .	Simmons,Carol L	Natural Resource Ecology Lab	6/1/98 -	97277701
	Stohlgren,Thomas J	DOI-USGS-Geological Survey	9/30/99	\$56,000
Large Mammalian Herbivores, Plant Interactions, & Ecosystem Processes in Five National Parks	Singer,Francis J	Natural Resource Ecology Lab	5/1/98 -	97188901
	Elliott,Edward T	DOI-USGS-Geological Survey	9/30/98	\$35,647
Large Mammalian Herbivores, Plant Interactions, & Ecosystem Processes in 5 National Parks	Singer,Francis J	Natural Resource Ecology Lab	10/1/98 -	97189101
	Elliott,Edward T	DOI-USGS-Geological Survey	4/30/99	\$36,000
Ecological Studies of the Jackson Bison & Elk Herds	Singer,Francis J	Natural Resource Ecology Lab	6/1/97 -	97089501
	Elliott,Edward T	DOI-USGS-Geological Survey	5/31/98	\$13,992
Rapid Assessment & Monitoring of Exotic Plant Diversity in the Central Region	Stohlgren,Thomas	Natural Resource Ecology Lab	3/1/98 -	97167301
	Detling,James K	DOI-USGS-Geological Survey	2/28/03	\$250,000
Landscape-Scale Assessment of Native & Exotic Plant Diversity & Cryptobiotic Crusts...	Stohlgren,Thomas J	Natural Resource Ecology Lab	3/1/98 -	97136401
	Reich,Robin M	DOI-BLM-Bureau of Land Management	2/28/99	\$150,000

Natural Resources - Proposals

Title	Principal Investigator	Department/Sponsor Name	Dates	Key #/\$Amount
Development of User-Friendly Graphical Interfaces for Ecological Simulation Models	Wall,Diana H	Natural Resource Ecology Lab	4/1/98 -	97209101
	Burke,Ingrid C	New Mexico State University	3/31/99	\$84,761
	Lauenroth,William K			
Soil & Sediment Biodiversity & Ecosystem Functioning Workshop	Wall,Diana H	Natural Resource Ecology Lab	3/15/98 -	97211101
		Winslow Foundation	3/14/99	\$15,500
Environmental Extremes & the Biodiversity of Antarctic Soil Communities	Wall,Diana H	Natural Resource Ecology Lab	9/1/98 -	97141101
	Parsons,Andrew N	Dartmouth College	8/31/01	\$107,927
Identifying Ecoystem Controls on Biodiversity: a US & UK Project (Collaborative Research)	Wall,Diana H	Natural Resource Ecology Lab	7/1/98 -	97138101
	Parsons,Andrew N	NSF-Biological Centers	6/30/02	\$1,193,825
	Hunt,H William			
Ecosystems in Extraterrestrial Systems	Wall,Diana H	Natural Resource Ecology Lab	9/1/98 -	97167101
	Ojima,Dennis	University of Colorado	8/31/03	\$2,779,952
Spatial & Temporal Variability in Nitrogen Cycling & Export in Western Parks	Wall,Diana H	Natural Resource Ecology Lab	1/1/98 -	97119601
	Baron,Jill	Environmental Protection Agency	12/31/00	\$399,335
McMurdo Long Term Ecological Research	Wall,Diana H	Natural Resource Ecology Lab	3/1/99 -	97165901
		University of Alabama	2/28/05	\$714,290
Biogeochemical Controls on CO2 & N2O Exchange at Different Scales Under Elevated Atmospheric CO	Parton,William J	Rangeland Ecosystem Science	7/1/98 -	97143501
	Mosier,Arvin R	National Science Foundation	6/30/01	\$396,874
	Morgan,Jack A			
Soil Fungi as an Indicator of Nitrogen Stress in the Rocky Mountain National Park Ecosystem	Paschke,Mark W	Rangeland Ecosystem Science	3/1/98 -	97149901
	Klein,Donald A	Environmental Protection Agency	2/28/01	\$298,743
	Reeves,F Brent Jr			
Nitrogen Pollution Effects on Dinitrogen Fixation & Nitrogen Dynamics of an Actinorhizal Shrub Dominate	Paschke,Mark W	Rangeland Ecosystem Science	10/1/98 -	97193101
	Redente,Edward F	National Aeronautics & Space Admin.	9/30/01	\$997,001
Response of Soil Fungi to Nitrogen Stress in the Central Rocky Mountains	Paschke,Mark W	Rangeland Ecosystem Science	5/1/99 -	97282701
	Redente,Edward F	NSF - National Science Foundation	4/30/02	\$499,515
	Reeves,F Brent Jr			
Metal Toxicity Thresholds for Important Species in the Western United States	Redente,Edward F	Rangeland Ecosystem Science	1/1/99 -	97213301
	Paschke,Mark W	Environmental Protection Agency	12/31/01	\$281,002
	Barbarick,Kenneth A			
Remote Sensing & GIS Analysis of Biomass & Carbon Dynamics in Primary & Secondary Forest	Trlica,Milton J Jr	Rangeland Ecosystem Science	9/1/97 -	97077101
	Dean,Denis J	National Aeronautics & Space Admin.	8/31/00	\$483,725
Research Experience for Undergraduates (REU) Site Proposal	Wasser,Christopher J	Rangeland Ecosystem Science	3/1/98 -	97103601
	Burke,Ingrid C	NSF-Biological Centers	2/28/03	\$192,963
	Lauenroth,William K			

Natural Resources - Proposals

Title	Principal Investigator	Department/Sponsor Name	Dates	Key #/\$Amount
Training Course in Integrated Resource Management	Woodmansee,Robert G	Rangeland Ecosystem Science	3/15/98 -	97183101
Planning in Indian Country	Rodriguez,Donald A Berry,Joyce K	DOI-BIA-Bureau of Indian Affairs	9/30/98	\$135,146

Natural Sciences - Proposals

Title	Principal Investigator	Department/Sponsor Name	Dates	Key #/\$Amount
Axonal Cytoskeleton: Role in Nerve Growth & Degeneration	Bamburg,James R	Biochemistry & Molecular Bio Spinal Cord Research Foundation	7/1/98 - 9/30/98	97156501 \$7,540
Dependence of Neurite Outgrowth & Regeneration on ADF Activity	Bamburg,James R Meberg,Peter	Biochemistry & Molecular Bio American Paralysis Association	6/1/98 - 5/31/00	97181701 \$98,549
Characterization of the Interaction between HTLV-I Tax & CBP	Colgin,Mark Nyborg,Jennifer K	Biochemistry & Molecular Bio HHS-NIH-National Institute of Health	5/1/98 - 4/30/01	97139601 \$89,700
Designing & Synthesizing Glutaminase Inhibitor	Curthoys,Norman P	Biochemistry & Molecular Bio Neurex Corporation	4/1/98 - 3/31/00	97100701 \$90,298
Protein/Peptide Amino Acid Sequencer	Fiol,Carol J	Biochemistry & Molecular Bio HHS-NIH-National Institute of Health	4/1/99 - 3/31/00	97207701 \$115,850
Biochemical Analysis of PHO5 Regulation	Laybourn,Paul J	Biochemistry & Molecular Bio National Science Foundation	8/1/98 - 7/31/02	97155901 \$718,692
Modulation of CYC1 Chromatin Structure & Expression	Laybourn,Paul J	Biochemistry & Molecular Bio HHS-NIH-National Institute of Health	12/1/98 - 11/30/03	97191101 \$814,283
Mechanism of Transcriptional Activation	Lumb,Kevin J	Biochemistry & Molecular Bio Arnold & Mabel Beckman Foundation	7/1/98 - 6/30/00	97108601 \$200,000
Structure & Function of the Human Oncoprotein Fos	Lumb,Kevin J	Biochemistry & Molecular Bio HHS-NIH-National Institutes of Health	4/1/99 - 3/31/04	97267901 \$1,143,623
Analytical Ultracentrifuge	Lumb,Kevin J	Biochemistry & Molecular Bio NSF-Biological Centers	2/1/98 - 1/31/99	97086101 \$168,813
XL-I Analytical Ultracentrifuge	Lumb,Kevin J	Biochemistry & Molecular Bio HHS-NIH-Nat. Ctr. for Research Resources	4/1/98 - 3/31/99	97208501 \$241,859
Tax Deregulation of Gene Expression through CBP	Nyborg,Jennifer K	Biochemistry & Molecular Bio American Cancer Society, Inc.	1/1/99 - 12/31/01	97219301 \$366,426
Graduate Training in Biochemistry & Molecular Biology	Paule,Marvin R	Biochemistry & Molecular Bio US Department of Education	8/16/98 - 8/15/00	97145501 \$526,071
Scanning Probe Microscopy of Membrane Proteins	Schenck,Craig C Parkinson,Bruce Alan	Biochemistry & Molecular Bio NSF-Biological Centers	1/1/98 - 12/31/01	97088901 \$359,574
Biomolecular Reaction Dynamics	Schenck,Craig C	Biochemistry & Molecular Bio HHS-NIH-National Institute of Health	4/1/98 - 3/31/02	97076301 \$860,413
Scanned Probe Imaging of LH1 Protein	Schenck,Craig C	Biochemistry & Molecular Bio HHS-NIH-National Institute of Health	10/1/98 - 9/30/00	97162701 \$198,318
Scanning Probe Microscopy of Membrane Proteins	Schenck,Craig C	Biochemistry & Molecular Bio HHS-NIH-National Institute of Health	7/1/98 - 6/30/00	97122301 \$212,821

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Title	Principal Investigator	Department/Sponsor Name	Dates	Key #/\$Amount
Biological Electron Transfer Studies	Schenck,Craig C	Biochemistry & Molecular Bio HHS-NIH-National Institute of Health	7/1/98 - 6/30/02	97174301 \$812,825
Membrane Proteins: Structure, Dynamics & Stability	Schenck,Craig C	Biochemistry & Molecular Bio HHS-NIH-Nat Inst of General Medical Sci	7/1/98 - 6/30/02	97112101 \$1,523,832
TBP in Activated Transcription After Recruitment to TATA (yeast)	Stargell,Laurie A	Biochemistry & Molecular Bio HHS-NRSA-Nat. Research Service Award	1/1/98 - 12/31/00	97089801 \$91,200
Role of TBP in Activated Transcription after Recruitment to the TAT Box	Stargell,Laurie A	Biochemistry & Molecular Bio American Cancer Society, Inc.	7/1/98 - 6/30/01	97112901 \$78,000
Functional Analysis of TFIIA in Vivo	Stargell,Laurie A	Biochemistry & Molecular Bio Searle Scholars Program	7/1/98 - 7/1/01	97108801 \$180,000
Inactivation of Biological Toxins by Photosensitization (Photo-oxidation) Methods	Tu,Anthony T	Biochemistry & Molecular Bio DOD-ARPA-Advanced Research Proj. Agency	1/1/98 - 12/31/00	97100901 \$771,718
Optical Properties of Biological Macromolecules	Woody,Robert W	Biochemistry & Molecular Bio HHS-NIH-National Institutes of Health	4/1/99 - 3/31/04	99001701 \$1,533,321
The Evolution of Ovicide, a Polymorphic Behavior in an Antisocial Parasitoid Wasp	Antolin,Michael F	Biology NSF-Biological Centers	1/1/98 - 12/31/00	97081901 \$313,376
Analysis & Cloning of Male Sterility Genes	Bedinger,Patricia A	Biology USDA-CSRS-Coop. States Research Service	6/1/98 - 5/31/00	97138001 \$185,745
Diversity & Phylogeny of the Cryptomonads: A Comprehensive Structural & Molecular...	Kugrens,Paul	Biology NSF-Biological Centers	1/1/98 - 12/31/99	97118201 \$13,681
Pattern Formation & Dorsiventral Development in the Arabidopsis Shoot	Medford,June I	Biology NSF-Biological Centers	1/1/98 - 12/31/00	97085201 \$475,662
Using Genetically Engineered Plants to Elucidate Factors Controlling Heavy Metal Tolerance...	Pilon-Smits,Elizabeth A	Biology Environmental Protection Agency	9/1/98 - 8/31/00	97221901 \$252,006
Improving the Efficiency of Constructed Wetlands for Selenium Removal from Agricultural & Industrial...	Pilon-Smits,Elizabeth A	Biology DOI-USGS-Geological Survey	9/1/98 - 8/31/00	99010701 \$101,036
Heavy Metal Tolerance & Homeostasis in Plants: The Role of Chloroplasts	Pilon-Smits,Elizabeth A	Biology Environmental Protection Agency	9/1/98 - 8/31/01	97222101 \$374,880
Herbivore Interactions in Heterogeneous Environments: Role of Context-Dependency & Functional Redundancy	Poff,N. Leroy	Biology NSF-Biological Centers	6/1/98 - 6/1/02	97137801 \$376,720
Mapping Recombination Nodules on Synaptonemal Complexes of Maize	Stack,Stephen	Biology NSF-Biological Centers	3/1/98 - 2/28/02	97081801 \$385,316

Natural Sciences - Proposals

Title	Principal Investigator	Department/Sponsor Name	Dates	Key #/\$Amount
Evaluation of the National Hydrogeomorphic Slope Wetland Guidebook Applied to the Rocky Mountain...	Steingraeber,David A	Biology Colorado Department of Natural Resources	7/1/98 - 6/30/00	97133501 \$123,057
Methodologies for Extrapolating from Local to Regional Ecosystem Scales: Scaling Functions &...	Wiens,John A	Biology Environmental Protection Agency	9/1/98 - 8/31/01	97181301 \$586,617
IGERT: Landscape Ecology: The Influence of Spatial Pattern on Ecological Processes	Wiens,John A Noon,Barry R Van Horne,Beatrice	Biology NSF-Biological Centers	4/1/98 - 3/31/03	97112201 \$2,462,907
Scaling Functions & Thresholds in Animal Responses to Landscape Pattern and Land Use	Wiens,John A Van Horne,Beatrice	Biology NSF - National Science Foundation	1/1/99 - 12/31/01	97279301 \$759,103
Identification of Juvenile Hormone & Methoprene-Regulated Genes in Drosophila	Wilson,Thomas G	Biology US Department of Agriculture	7/1/98 - 6/30/01	97172701 \$247,286
Juvenile Hormone Action in Drosophila & Mosquitoes	Wilson,Thomas G	Biology HHS-NIH-National Institutes of Health	4/1/99 - 3/31/03	97267101 \$876,342
Hell's Canyon Project: Small Mammals as Natural Resources of Concern	Wunder,Bruce A	Biology Environmental Science & Research Found.	1/1/98 - 12/31/00	97133801 \$173,537
Regional Elementary Mathematics Teacher Enhancement Project	Stein,Fredrick M	Center For Sci, Math & Tech Ed CCHE-Commission on Higher Education	4/1/98 - 8/30/99	97228101 \$60,000
K2 Reach/Teach: Keystone Kids as Researchers with Teachers Project	Stein,Fredrick M Jones,Christine S	Center For Sci, Math & Tech Ed NSF-EHR-Education & Human Resources	3/1/98 - 2/28/01	97100001 \$747,873
American Indian Science & Engineering Society	Stein,Fredrick M	Center For Sci, Math & Tech Ed Environmental Protection Agency	7/1/98 - 6/30/99	97124801 \$25,000
The Solutions Project: Reducing the Cost of Chemistry Laboratory Instruction	Thompson,Stephen	Center For Sci, Math & Tech Ed DE-OPE-Postsecondary Education	10/1/98 - 8/31/00	97209301 \$222,235
X-ray Diffraction Studies of Protein Structure	Anderson,Oren P	Chemistry Research Corporation/Foundation	7/1/99 - 6/30/00	97290701 \$25,000
Acquisition of Departmental Surface Analysis Equipment	Anderson,Oren P Parkinson,Bruce Alan	Chemistry National Science Foundation	7/1/98 - 6/30/99	97156301 \$485,000
Purchase of a Powder-Thin Film X-Ray Diffraction System	Anderson,Oren P Dorhout,Peter K	Chemistry National Science Foundation	7/1/98 - 6/30/99	97156101 \$210,207
Optical Investigations of the Mast Cell MAFA Regulatory Protein	Barisas,B George	Chemistry National Science Foundation	7/1/98 - 6/30/01	97156901 \$485,910
Photo-Ion & Photo-Electron Covariance Mapping of Titanium Oxide & Vanadium Oxide Clusters Employing a Table-Top Soft...	Bernstein,Elliot R Rocca,Jorge J G	Chemistry US Department of Energy	7/1/98 - 6/30/01	97171301 \$691,211

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Title	Principal Investigator	Department/Sponsor Name	Dates	Key #/\$Amount
Covariance Mapping of Cluster Growth & Fragmentation: Titanium Oxide & Vanadium Oxide Cluster	Bernstein, Elliot R	Chemistry NSF-MPS-Mathematical & Physical Sciences	7/1/98 - 6/30/98	97182301 \$395,658
Chemistry of Insulin Mimetic Vanadium Compounds	Crans, Debbie C	Chemistry HHS-NIH-National Institutes of Health	4/1/99 - 3/31/04	97295301 \$982,321
Preparation, Testing & Developing Novel Compounds Based on Redox Potential as Oral...	Crans, Debbie C	Chemistry Bayer Corporation	11/1/97 - 10/31/98	97084901 \$72,544
Catalysis & Biocatalysis Technologies	Crans, Debbie C	Chemistry General Electric Corporation	9/1/99 - 8/31/00	97228301 \$53,061
Developing CD Rom for Teaching Solid State Chemistry	Dorhout, Peter K	Chemistry Arizona State University	9/1/98 - 5/31/99	97291701 \$1,512
Development of an Interactive CD-ROM for the Teaching of Solid State Chemistry	Dorhout, Peter K	Chemistry Camille & Henry Dreyfus Foundation *	8/1/98 - 7/31/00	97107001 \$41,886
Acquisition of Materials Characterization Instrumentation for a Central Materials Analysis Facility at CSU	Dorhout, Peter K Grainger, David W	Chemistry NSF-Sci/Tech Ctr/STI Sci/Tech Infra Ctr	7/1/98 - 6/30/99	97162501 \$337,758
Metallobiochemistry of B12 Ribonucleotide Reductase	Finke, Richard G	Chemistry HHS-NIH-National Institutes of Health	4/1/99 - 3/31/03	99001801 \$844,315
Metallobiochemistry of B12 Ribonucleotide Reductase	Finke, Richard G	Chemistry HHS-NIH-National Institute of Health	7/1/98 - 6/30/99	97123801 \$803,177
Surface Reactivity of Radicals during Plasma Surface Modification of Polymers	Fisher, Ellen R	Chemistry NSF-MPS-Mathematical & Physical Sciences	7/1/98 - 6/30/01	97122801 \$424,138
Use of Resonantly Enhanced Multiphoton Ionization to Probe Radical Surface Interactions	Fisher, Ellen R	Chemistry Camille & Henry Dreyfus Foundation *	6/1/98 - 5/31/00	97132901 \$60,000
Investigation of Plasma Deposition & Etching Mechanisms for Silicon-Based Materials	Fisher, Ellen R	Chemistry NSF-MPS-Mathematical & Physical Sciences	7/1/98 - 6/30/01	97199101 \$429,561
Resonantly Enhanced Multiphoton Ionization for Measurement of Radical-Surface Reactivities	Fisher, Ellen R	Chemistry NSF-MPS-Mathematical & Physical Sciences	3/1/98 - 2/28/99	97136501 \$75,000
Mechanisms for Plasma Modification of Hard Surface Coatings	Fisher, Ellen R	Chemistry American Chemical Society	3/1/98 - 8/31/01	97108701 \$90,000
Plasma Modification of Hydrophobic Membranes	Fisher, Ellen R	Chemistry University of Colorado	1/1/98 - 12/31/00	97093501 \$90,000
Immiscible Microstructures & Lateral Mobility in Binary Mixed Hydrocarbon/Perfluoro...	Grainger, David W	Chemistry American Chemical Society	9/1/97 - 8/31/99	97083801 \$50,000
Tissue Engineering to Regenerate Orofacial Bone	Grainger, David W	Chemistry Oregon Health Sciences University	4/1/98 - 3/31/03	97098301 \$288,169

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Title	Principal Investigator	Department/Sponsor Name	Dates	Key #/\$Amount
Interfacial Structures of Pulmonary Surfactant	Grainger,David W	Chemistry Oregon Health Sciences University	7/1/98 - 6/30/03	97108001 \$389,335
Development & Application of Oligonucleotide Synthesis Methods	Greenberg,Marc M	Chemistry NSF-MPS-Mathematical & Physical Sciences	6/1/98 - 5/31/01	97110601 \$444,085
Transition Metals in Organic Synthesis	Hegedus,Louis S	Chemistry NSF-MPS-Mathematical & Physical Sciences	4/1/98 - 3/31/01	97102801 \$519,390
Luminescent Materials Based on Rare Earth Doped Semiconductor Nanoclusters	Kelley,David F	Chemistry NSF-MPS-Mathematical & Physical Sciences	7/1/98 - 6/30/01	97167501 \$540,270
Novel Reverse Micellar Nanobreakers	Levinger,Nancy E	Chemistry NSF - National Science Foundation	12/1/98 - 11/30/01	97247501 \$428,746
Spectroscopy of Water Motion at Biological Interfaces	Levinger,Nancy E	Chemistry HHS-NIH-Nat Inst of General Medical Sci	7/1/98 - 6/30/03	97111901 \$765,776
Characterizing Chemical Processes in Heterogeneous Systems	Maciel,Gary E	Chemistry NSF-MPS-Mathematical & Physical Sciences	11/1/98 - 10/31/01	97255301 \$640,952
Structure & Dynamics in Alkylalumoxane Co-Catalysts	Maciel,Gary E	Chemistry DOE-Office of Energy Research	10/1/98 - 9/30/01	97243101 \$1,788,084
A Multinuclear Magnetic Resonance Study of the Interactions of Pollutants with Major Soil Components	Maciel,Gary E	Chemistry DOE-Office of Energy Research	11/1/98 - 10/31/01	97259901 \$668,092
Advanced Carbon Nanotube Membrane for Direct Methanol Fuel Cell	Martin,Charles R	Chemistry Physical Sciences, Inc.	1/1/99 - 6/30/99	97277501 \$27,000
Nanotubule-Based Molecular-Recognition Membranes	Martin,Charles R	Chemistry NSF-MPS-Mathematical & Physical Sciences	9/1/98 - 8/31/01	97129701 \$323,666
Nanomaterials in Secondary Battery Research & Development	Martin,Charles R Fisher,Ellen R	Chemistry DOE-Office of Energy Research	12/1/98 - 11/30/01	97243301 \$449,217
Advanced Carbon Nanotube Membrane Electrode Assembly for Direct Methanol Fuel Cells	Martin,Charles R	Chemistry DOE-Chicago	7/1/98 - 6/30/99	97209501 \$150,000
The Chemistry & Properties of Chiral Oxazolines	Meyers,Albert I	Chemistry National Science Foundation	5/1/98 - 4/30/01	97144301 \$617,263
An Enantioselective Synthesis of Disorazole C1	Meyers,Albert I	Chemistry HHS-NRSA-Nat. Research Service Award	9/1/98 - 9/1/01	97226701 \$84,117
Synthesis of Trisporic Acid Derivatives	Meyers,Albert I	Chemistry HHS-NRSA-Nat. Research Service Award	8/1/98 - 8/1/00	97226501 \$52,858
Morphology-Photoconductivity Relationships in Pthalocyanine Thin Films	Parkinson,Bruce Alan	Chemistry CAMI-Advanced Materials Institute/Colo.	7/1/98 - 6/30/99	97244501 \$10,000

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Title	Principal Investigator	Department/Sponsor Name	Dates	Key #/\$Amount
Observation of Individual Catalytic Hydrodesulfurization Reactions with a Variable Temperature...	Parkinson,Bruce Alan	Chemistry American Chemical Society	5/1/98 - 8/31/00	97133301 \$59,297
Investigation of the Macroscopic & Microscopic Electronic Structure of Organic Luminescent Interfaces . . .	Parkinson,Bruce Alan	Chemistry NSF - National Science Foundation	11/1/98 - 10/31/01	97250501 \$339,069
Investigations of the Binding of Ruthenium Based Dyes to Nanocrystalline Anatase	Parkinson,Bruce Alan	Chemistry Midwest Research Institute - NREL	9/1/98 - 8/31/01	97282501 \$175,434
Theoretical Studies of Selective Alkene Oxidation	Rappe,Anthony K	Chemistry NSF-MPS-Mathematical & Physical Sciences	1/1/98 - 12/31/01	97081501 \$264,086
Dioxiranes for Asymmetric Epoxidation	Shi,Yian	Chemistry Research Corporation / Foundation	6/1/98 - 5/31/00	97097901 \$50,000
Mechanistic & Synthetic Studies of an Environmentally Benign Asymmetric Epoxidation	Shi,Yian	Chemistry NSF-MPS-Mathematical & Physical Sciences	3/1/98 - 2/28/03	97085101 \$495,101
Designing & Synthesizing Glutaminase Inhibitor	Shi,Yian	Chemistry Neurex Corporation	10/1/98 - 9/30/00	97094801 \$95,046
Asymmetric Oxygen & Nitrogen Transfer Reaction	Shi,Yian	Chemistry National Science Foundation	6/1/98 - 5/31/02	97143901 \$496,696
Utilization & Conservation of Medicinal Plants in the Western Mediterranean Desert of Egypt	Stermitz, Frank R	Chemistry U.S.-Egypt Joint Board/Sci & Tech Coop	3/1/98 - 2/28/00	97135101 \$24,168
Quinocarcin & Bioxalomycin: Biomechanism & Synthesis	Williams,Robert M	Chemistry HHS-NIH-National Institute of Health	12/1/98 - 11/30/02	97191901 \$1,145,053
The Asymmetric Synthesis of Alpha-Amino Acids	Williams,Robert M	Chemistry NSF-MPS-Mathematical & Physical Sciences	12/1/97 - 11/30/00	97103101 \$527,848
East Generation of NURBS Surfaces from Polygonal Mesh Models of Human Anatomy	Anderson,Charles	Computer Science CASI-Colorado Advanced Software Inst.	8/1/98 - 7/31/99	97195901 \$39,997
EEG Data Standards & Integrative Analysis Tools	Anderson,Charles	Computer Science HHS-NIH-National Institute of Health	8/1/98 - 7/31/01	97119901 \$442,707
A Study of the Tera MTA Systems; Algorithms, Programming Model, Synchronization and Data Structures	Bohm,Anton Pedro Willem Oldehoeft,Rodney R	Computer Science DOE - US Department of Energy	7/1/98 - 6/30/01	97229901 \$377,127
Computer Vision as an Integration & Control Problem	Draper,Bruce	Computer Science NSF-CISE-Computer & Info Sci & Engin	8/15/98 - 8/14/03	97085401 \$278,335
Adaptive Analysis & Hybrid Optimization Techniques for Efficient Compilation of Object-...	Gupta,Sandeep K	Computer Science NSF-CISE-Computer & Info Sci & Engin	8/15/98 - 8/14/03	97085501 \$289,600
Analyzing Problem Structure in Planning to Improve Planner Performance	Howe,Adele	Computer Science DOD-USAF-Office of Scientific Research	4/1/98 - 5/15/01	97113101 \$114,112

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Title	Principal Investigator	Department/Sponsor Name	Dates	Key #/\$Amount
High Level Programming Support for Reconfigurable Computing	Najjar,Walid A Bohm,Anton Pedro Willem Draper,Bruce	Computer Science NSF-CISE-Computer & Info Sci & Engin	7/1/98 - 6/30/01	97140001 \$715,666
Optimized Compilation of Visual Programs for Image Processing on Adaptive Computing Systems	Najjar,Walid A Bohm,Anton Pedro Willem Beveridge,J Ross	Computer Science US Department of Defense	5/15/98 - 5/14/01	97120701 \$1,178,381
Applying Software Testing Principles to Hardware Design Verification	Vonmayrhauser,Anneliese Anderson,Charles Chen,Thomas Wei	Computer Science CASI-Colorado Advanced Software Inst.	7/1/98 - 6/30/99	97204701 \$2,400
Analyzing Software Tester Behavior	Vonmayrhauser,Anneliese Howe,Adele	Computer Science CASI-Colorado Advanced Software Inst.	7/1/98 - 6/30/99	97204501 \$2,400
The Colorado State Artificial Intelligence Lab (CSAIL)	Whitley,L Darrell	Computer Science CCHE-Commission on Higher Education	7/1/98 - 6/30/03	97149501 \$609,725
Computationally Intensive Studies in Scheduling & Computer Vision	Whitley,L Darrell Howe,Adele Beveridge,J Ross	Computer Science DOD-USAF-Office of Scientific Research	3/2/98 - 12/31/00	97095501 \$78,108
Using Walsh Analysis to Understand Problem Structure	Whitley,L Darrell	Computer Science DOD-USAF-Office of Scientific Research	4/1/98 - 5/15/01	97113201 \$114,112
Regional Conference on Core Curriculum Reform	Raich,John C Sneider,Thomas W	Dean Of Natural Sciences National Science Foundation	1/1/98 - 6/30/98	97132101 \$19,878
A Comprehensive Approach to Bioscience Education at Colorado State University	Sneider,Thomas W	Dean Of Natural Sciences HHMI-Howard Hughes Medical Institute	1/1/98 - 12/31/01	97126001 \$2,199,320
Documenting the Impact of Standards-Based Curriculum on Students & Implementing Necessary Changes...	Chappell,Kelly	Mathematics NSF-EHR-Education & Human Resources	5/1/98 - 11/30/99	97138401 \$74,999
Numerical Continuation for Nonlinear Problems with Symmetry Structures	Georg,Kurt Allgower,Eugene L	Mathematics NSF-MPS-Mathematical & Physical Sciences	7/1/98 - 6/30/01	97128801 \$310,600
Articulation, Assessment, & Placement Issues in Mathematics	Hardy,Darel W	Mathematics CCHE-Commission on Higher Education	10/1/97 - 5/31/98	97110801 \$7,986
A Reductionist Approach to Process Discovery	Kirby,Michael J Miranda,Henry P	Mathematics DOD-USAF-Office of Scientific Research	10/1/98 - 9/30/01	97290901 \$156,622
Empirical Nonlinear Dimensionality Reduction	Kirby,Michael J Miranda,Henry P	Mathematics NSF-MPS-Mathematical & Physical Sciences	7/1/98 - 6/30/01	97138301 \$112,614
Algebraic Coding Theory, Incidence Geometry & Designs	McGuire,Gary M	Mathematics DOD-NSA-National Security Agency	11/1/98 - 10/31/00	97120101 \$26,001

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Title	Principal Investigator	Department/Sponsor Name	Dates	Key #/\$Amount
Algebraic Coding Theory, Incidence Geometry & Designs	McGuire,Gary M	Mathematics NSF-MPS-Mathematical & Physical Sciences	6/1/98 - 5/31/01	97118001 \$39,336
Controlling the Cost of Postsecondary Education	Miranda,Henry P Stein,Fredrick M	Mathematics DE-OPE-Postsecondary Education	9/1/98 - 8/31/00	97207901 \$198,935
Multisensor-Multitarget Tracking: Key Unresolved Problems	Poore,Aubrey B	Mathematics DOD-BMDO-Ballistic Missile Defense Org	6/1/98 - 5/31/00	97211901 \$250,000
Target Tracking Feasibility Study	Poore,Aubrey B	Mathematics DOD-NAVY-ONR-Office of Naval Research	7/1/98 - 12/31/99	97259501 \$213,000
Development of a Method to Identify a Daughter Ion of Double Beta Decay in Xe-136	Fairbank,William M	Physics NSF - National Science Foundation	4/1/99 - 3/31/01	97281701 \$25,400
Magneto-Optical Study of Flux Dynamics in Superconductors	Field,Stuart	Physics NSF-MPS-Mathematical & Physical Sciences	5/1/98 - 4/30/01	97122201 \$294,178
Research Experience for Undergraduates Supplement	Field,Stuart	Physics NSF-MPS-Mathematical & Physical Sciences	5/15/98 - 8/15/98	97201701 \$10,000
Tau Physics at PEP-II/BaBar	Harton,John	Physics Research Corporation / Foundation	5/1/98 - 5/1/93	97097701 \$50,000
Research in Collider Physics - Supplement	Harton,John	Physics US Department of Energy	4/15/98 - 4/14/99	97146301 \$69,500
Material Research Science & Engineering Center	Hochheimer,Hans D Gelfand,Martin P Dorhout,Peter K	Physics NSF-MPS-Mathematical & Physical Sciences	6/1/98 - 5/31/03	97100401 \$3,958,575
Magnetic Resonance Imaging of Patterned Magnetic Multilayers & Submicron Size Magnetic ...	Kabos,Pavel	Physics NSF-MPS-Mathematical & Physical Sciences	6/1/98 - 5/31/01	97118101 \$348,890
Light Force Manipulation of Group III Atoms	Lee,Siu Au	Physics NSF-MPS-Mathematical & Physical Sciences	9/1/98 - 8/31/00	97108101 \$323,520
Measurement of the Magnetically-Induced QED Birefringence of the Vacuum	Lee,Siu Au	Physics DOC-NIST-Nat. Inst. Standards & Tech..	3/1/98 - 2/28/99	97136301 \$50,000
Microwave/Optical Spectroscopy of Helium & H2 Rydberg States	Lundeen,Stephen R	Physics NSF-MPS-Mathematical & Physical Sciences	8/1/98 - 7/31/01	97103001 \$542,330
Microwave Magnetic Solitons in Ferrite Films - Physics & Devices for Radar, Electronic Countermeasures & Surveillance	Patton,Carl E	Physics DOD-ARMY-ARO-Army Research Office	6/16/98 - 9/30/01	97233701 \$322,603
Fundamental Physics of Envelope Solitons -Microwave Solitons in Magnetic Films	Patton,Carl E	Physics NSF-MPS-Mathematical & Physical Sciences	6/1/98 - 5/31/01	97118301 \$360,632

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Title	Principal Investigator	Department/Sponsor Name	Dates	Key #/\$Amount
Colorado State Sodium Lidar Update for CEDAR-TIMED Science Studies	She,Chiaoyao Krueger,David A	Physics NSF-GEO-Geosciences	1/1/99 - 12/31/99	97245901 \$100,000
Solar Influences on Mesopause Temperatures & Implication on Global Climatic Change	She,Chiaoyao Krueger,David A	Physics National Aeronautics & Space Admin.	6/1/98 - 5/31/01	97185301 \$226,056
Device Physics of Thin-Film Polycrystalline Solar Cells	Sites,James R	Physics Midwest Research Institute - NREL	1/1/98 - 12/31/00	97091301 \$402,410
Device Physics of Thin-Film Polycrystalline Solar Cells	Sites,James R	Physics Midwest Research Institute - NREL	1/15/98 - 1/14/01	97137001 \$423,596
Rural Violent Crime & the Frustration - Aggression Hypothesis	Asmus,Cheryl Edwards,Ruth W Bell,Paul A	Psychology Society for Psych Study of Social Issues	2/1/98 - 2/1/99	97135601 \$2,000
Center for Substance Abuse Prevention's National Center for the Advancement of Prevention II	Beauvais,Frederick	Psychology Macro International, Inc.	10/1/98 - 9/30/03	97279901 \$2,561,414
Counseling Psychology Program & the Tri-Ethnic Center for Prevention Research: Program of Excellence	Hamilton,Scott B Chavez,Ernest L	Psychology CCHE-Commission on Higher Education	7/1/98 - 6/30/03	97151901 \$140,000
Values & Science Among American Indians	James,Keith	Psychology NSF-SBE-Social, Behav & Econ Sciences	4/1/98 - 3/31/01	97089001 \$203,279
Tri-Ethnic Center for Prevention Research	Oetting,Eugene R	Psychology HHS-NIH-National Institute of Health	5/1/98 - 4/30/99	97204101 \$1,000,809
Tri-Ethnic Center for Prevention Research	Oetting,Eugene R	Psychology HHS-NIH-National Institutes of Health	5/1/99 - 4/30/04	99010801 \$6,396,694
Social Network & Childhood Risk Factors for Alcohol Use	Swaim,Randall C	Psychology HHS-NIH-National Institute of Health	1/1/99 - 12/31/03	97162101 \$1,757,915
Time Series Analysis	Brockwell,Peter J Davis,Richard A	Statistics NSF-MPS-Mathematical & Physical Sciences	6/1/98 - 5/31/01	97126601 \$394,812
Equipment Purchase for Aboriginal Whaling Management Procedure Development	Givens,Geof H	Statistics Alaska Department of Wildlife Management	6/5/98 - 6/30/98	97274901 \$9,725
Continued Development of Bowhead Aboriginal Whaling Management Procedures	Givens,Geof H	Statistics Alaska Department of Wildlife Management	8/15/97 - 6/30/98	97091601 \$59,997
Methodology for Spatial Models for Binary Data	Hoeting,Jennifer A	Statistics NSF-MPS-Mathematical & Physical Sciences	8/15/98 - 2/15/99	97138501 \$75,000
Theoretical & Empirical Problems in Meta-Analysis	Tweedie,Richard	Statistics HHS-NIH-National Institute of Health	8/15/98 - 8/15/01	97161501 \$423,218

Natural Sciences - Proposals

Title	Principal Investigator	Department/Sponsor Name	Dates	Key #/\$Amount
Markov & Related Models, with Applications to MCMC & Networks	Tweedie,Richard	Statistics NSF-MPS-Mathematical & Physical Sciences	7/1/98 - 6/30/01	97126701 \$251,100

Vet. Medicine & Biomedical Sciences - Proposals

Title	Principal Investigator	Department/Sponsor Name	Dates	Key #/\$Amount
Synaptic Reorganization After Global Cerebral Ischemia	Dudek,F Edward	Anatomy & Neurobiology HHS-NRSA-Nat. Research Service Award	12/1/97 - 11/30/99	97089901 \$66,300
Local Interactions Between Hippocampal Neurons	Dudek,F Edward	Anatomy & Neurobiology HHS-NIH-National Institutes of Health	6/1/99 - 5/31/04	97294901 \$1,497,613
Local Neuronal Circuits of the Supriasmatic Nucleus	Dudek,F Edward	Anatomy & Neurobiology DOD-USAF-Air Force	7/1/99 - 6/30/02	97247101 \$554,988
Aquaporin Water Channels & Gap Junctions in the Brain	Furman,C. Sue Rash,John E	Anatomy & Neurobiology NSF-Biological Centers	1/1/98 - 12/31/00	97081001 \$523,569
Estrogen Regulation of Neuroendocrine Stress Responses	Handa,Robert	Anatomy & Neurobiology HHS-NIH-National Institute of Health	10/1/98 - 9/30/02	97189501 \$839,684
Role of Thyro-Adrenal Dysregulation in Depression	Handa,Robert	Anatomy & Neurobiology Northwestern University	1/1/99 - 12/30/00	97202701 \$106,917
Physiology of Glutamate Receptors in Taste Buds	Kinnamon,Sue C	Anatomy & Neurobiology University of Miami	9/1/98 - 8/31/99	97292301 \$110,680
Electrophysiology of Taste Transduction	Kinnamon,Sue C	Anatomy & Neurobiology HHS-NIH-NIDCD-Deafness & Other Comm. Dis	7/1/98 - 6/30/03	97120501 \$1,021,326
Subunit Changes in Aging NMDA Receptors Affect Memory	Magnusson,Kathy	Anatomy & Neurobiology HHS-NIH-National Institute of Health	12/1/98 - 11/30/02	97163101 \$893,543
Age-Related Changes in Subunits of the NMDA Receptor Influence Declines in Memory Function	Magnusson,Kathy	Anatomy & Neurobiology Alliance for Aging Research	9/1/98 - 8/30/00	97210901 \$200,000
Functional Analysis of NMDA Receptors in the Aging Brain	Magnusson,Kathy Partin,Kathryn M Kuehl-Kovarik,Cathleen	Anatomy & Neurobiology HHS-NIH-National Institute of Health	6/1/98 - 5/31/01	97134501 \$85,920
Functional NMDA Receptor Changes in Prefrontal Cortex	Magnusson,Kathy Partin,Kathryn M	Anatomy & Neurobiology HHS-NIH-National Institute of Health	9/1/98 - 8/31/98	97208701 \$72,500
Aquaporin Water Channels in Brain & Spinal Cord	Rash,John E	Anatomy & Neurobiology HHS-NIH-National Institute of Health	10/1/98 - 9/30/02	97174501 \$955,430
Biochemical Markers of Skeletal Metabolism & Developmental Orthopaedic Disease in the Horse	Billingshurst,R. Clark McIlwraith,C Wayne	Clinical Sciences Southern California Equine Foundation, I	9/15/98 - 9/15/99	97252301 \$49,852
Effect of EPM Therapy on Semen Quality of Stallions	Brinsko,Steven P Squires,Edward L	Clinical Sciences AQHA-American Quarter Horse Assoc.	5/1/98 - 1/1/99	97145901 \$29,422
Electrophysiologic, Morphologic & Biochemical Evaluation of Diabetic Neuropathy in Cats	Cuddon,Paul A	Clinical Sciences Morris Animal Foundation	7/1/98 - 6/30/00	97213901 \$30,550

Vet. Medicine & Biomedical Sciences - Proposals

Title	Principal Investigator	Department/Sponsor Name	Dates	Key #/\$Amount
Electrophysiological, Morphological, & Biochemical Characterization of Feline Diabetic Polyneuropathy	Cuddon,Paul A	Clinical Sciences Robert H. Winn Foundation	4/1/98 - 3/31/99	97135001 \$14,465
Drug Resistance Demonstrated by Uptake of Technetium-99M-Sestamibi in Canine Osteosarcoma	Dernell,William S	Clinical Sciences Morris Animal Foundation	7/1/98 - 6/30/99	97218901 \$22,255
Pharmacokinetics of Cisplatin Release in the Beagle from Atrigez Formulation	Dernell,William S	Clinical Sciences Atrix, Inc.	9/15/97 - 9/15/98	97099301 \$11,828
Evaluation of Intracavitary Slow Release Paclitaxel Chemotherapy in a Rodent Model	Dernell,William S	Clinical Sciences Cancer League of Colorado, Inc.	7/1/98 - 6/30/99	97194101 \$25,221
In Vivo Evaluation of Doxoform in a Mouse Mammary Carcinoma Model	Dernell,William S	Clinical Sciences University of Colorado	1/1/98 - 12/31/98	97146502 \$14,179
Investigation of Oxidant Stress & Antioxidant Levels in Livers of Dogs having Congenital Portal Systemic Vascular...	Fondacaro,John V Twedt,David C	Clinical Sciences Comparative Gastroenterology Society	6/1/98 - 6/1/99	97230301 \$5,000
Effects of Dietary N-3 Fatty Acid Supplementation on a Model of Glomerulonephritis...	Grauer,Gregory F Greco,Deborah S Lappin,Michael R	Clinical Sciences Iams Company	9/1/97 - 9/1/99	97081201 \$80,362
Ketoprofen Administration during & after Halothane-Anesthesia in Cats	Hellyer,Peter W Wagner,Ann E	Clinical Sciences Robert H. Winn Foundation	4/1/98 - 3/31/99	97134901 \$10,572
Cardiopulmonary & Behavioral Effects of a Constant Rate Infusion of Metetomidine & Fentanyl in the Dog	Hellyer,Peter W	Clinical Sciences Pfizer Inc - Animal Health	3/1/98 - 2/28/99	97184701 \$28,294
The Effect of Diazepam on Opoind-Induced Analgesia in the Dog	Hellyer,Peter W Wagner,Ann E Mama,Khursheed R	Clinical Sciences Morris Animal Foundation	7/1/98 - 6/30/99	97219501 \$23,196
The Effect of Carprofen on Renal Function Following Normotensive & Hypotensive Halothane Anesthesia in Dogs	Hellyer,Peter W Wagner,Ann E	Clinical Sciences Pfizer Inc - Animal Health	5/1/98 - 11/1/98	97171701 \$28,345
Biomechanical Strength of Repair of Tibial Tuberosity Osteotomy	Kuntz,Charles A Withrow,Stephen J Dernell,William S	Clinical Sciences Veterinary Orthopedic Society	7/1/98 - 6/30/99	97133401 \$4,573
Isolation & Characterization of Ehrlichia spp. Infecting Cats	Lappin,Michael R	Clinical Sciences Robert H. Winn Foundation	4/1/98 - 3/31/99	97134801 \$6,023
Evaluation of Strenuous Treadmill Exercise on Navicular Bones of Young Horses	Mcilwraith,C Wayne Kawcak,Christopher E Norrdin,Robert W	Clinical Sciences AQHA-American Quarter Horse Assoc.	10/1/98 - 9/30/99	97146101 \$15,543

Vet. Medicine & Biomedical Sciences - Proposals

Title	Principal Investigator	Department/Sponsor Name	Dates	Key #/\$Amount
In Vitro Methods to Assess Bone Cell Viability and Its Role in Subchondral Bone Disease in Racehorses	Mcilwraith,C Wayne	Clinical Sciences	9/1/98 -	97250901
	Kawcak,Christopher E Norrdin,Robert W	Southern California Equine Foundation, I	8/31/99	\$12,663
The Identification, Cloning, and Expression of Equine Soluble Receptors for Tumor Necrosis Factor	Mcilwraith,C Wayne	Clinical Sciences	12/1/98 -	97251101
	Frisbie,David D	Southern California Equine Foundation, I	12/31/99	\$20,676
The Use of Chondrocyte Composite Grafting Techniques to Augment Healing Large Articular Defects in Horses	Mcilwraith,C Wayne	Clinical Sciences	2/1/98 -	97175302
	Frisbie,David D	Ancea AG	12/31/98	\$68,894
Evaluation of Capillary Blood Flow of the Stomach Wall with a Laser Dopler Flow Monitor in a Canine...	Monnet,Eric	Clinical Sciences	7/1/98 -	97134301
		American College of Veterinary Surgeons	7/1/99	\$9,734
Comparison of the Effects of Metoprolol & Carvedilol on Hemodynamic Parameters & Cardiac Energetics	Monnet,Eric	Clinical Sciences	7/1/98 -	97133201
		American Heart Association of Colorado	7/1/99	\$24,926
Molecular Mechanism of Articular Cartilage Repair	Oxford,Julia R T	Clinical Sciences	7/1/98 -	97127501
		HHS-NIH-National Institute of Health	6/30/99	\$72,474
Prostaglandin F22 Estradiol Cypionate or Excenel for the Management of Postpartum Dairy Cows.....	Stevens,Reyneld D	Clinical Sciences	6/1/98 -	97188302
		Upjohn Company	12/31/00	\$33,474
Evaluation of CollaSeal Hemostatic Device & Tisseel Fibrin Sealant for Hemostatic...	Turner,Anthony Simon	Clinical Sciences	10/1/97 -	97100501
		Cohesion Corporation	1/31/98	\$43,698
Investigation of Oxidant Stress & Antioxidant Levels in Livers of Dogs Having Congenital Portal Systemic...	Twedt,David C	Clinical Sciences	7/1/98 -	97203301
		American Kennel Club	7/1/99	\$22,423
The Role of Thiopurine Methyltransferase in the Use of Azathioprine in Dogs	White,Stephen D	Clinical Sciences	5/1/98 -	97217701
	Rosychuk,Rod A W	Morris Animal Foundation	5/1/00	\$16,490
Safety & Efficacy of NYVAC-HF & ALVAC-HF Recombinant Subunit Canine Distemper Vaccines in the...	Wimsatt,Jeffrey H	Clinical Sciences	5/1/98 -	97164901
		The Pet Care Trust	4/30/99	\$10,822
Pregnancy-Induced Hypertension & Insulin Resistance A Nested Case Control Study	Wimsatt,Jeffrey H	Clinical Sciences	2/1/99 -	97279101
		March of Dimes	1/31/01	\$110,000
Zoometry & Electrical Impedance in Cats	Wingfield,Wayne E	Clinical Sciences	10/1/97 -	97081701
	Ogilvie,Gregory K	Ralston-Purina Company	9/30/98	\$32,543
	Fettman,Martin J			
Evaluation of Intracavitary Slow Release Paclitaxel Chemotherapy in a Rodent Model for Breast Cancer	Withrow,Stephen J	Clinical Sciences	11/1/98 -	97251501
		Susan G. Komen Breast Cancer Foundation	10/31/99	\$33,534
Evaluation of a Pesticide Training Program for Migrant Farmworkers	Bigelow,Philip L	Environmental Health	1/1/99 -	97293101
		HHS-NIH-National Institutes of Health	12/31/02	\$544,102

Vet. Medicine & Biomedical Sciences - Proposals

Title	Principal Investigator	Department/Sponsor Name	Dates	Key #/\$Amount
BPBK/Monte Carlo Modeling of Chemical Mixtures to Assess the Effects of Age on Occupational Exposure Limits	Bigelow,Philip L	Environmental Health HHS-CDC-Occup Safety & Health (NIOSH)	10/1/98 - 9/30/01	97292101 \$323,887
Assessing the Effectiveness of Pesticide Safety Training for Migrant Farm Workers in Colorado	Bigelow,Philip L	Environmental Health EPA - Environmental Protection Agency	7/1/98 - 6/30/00	97264101 \$39,653
Occupational Health & Safety Consultation Program	Buchan,Roy M	Environmental Health DOL-OSHA-Occupa. Safety & Health Admin.	10/1/97 - 9/30/98	97093001 \$524,000
High Plains Intermountain Center for Agricultural Health and Safety	Buchan,Roy M	Environmental Health HHS-CDC-Centers for Disease Control	9/30/98 - 9/29/99	97263901 \$717,000
Melatonin in Breast Cyst Fluids: A Potential Biomarker of Breast Cancer Risk	Burch,James B	Environmental Health Cancer League of Colorado, Inc.	7/1/98 - 6/30/99	97196101 \$29,981
Role of Melatonin in the Prevention of Breast Cancer in Patients with Cystic Breast Disease	Cosma,Greg N Burch,James B	Environmental Health DOD - US Department of Defense	6/1/99 - 5/31/02	99001501 \$398,003
Role of Melatonin in Prevention of Breast Cancer in Patients with Gross Cystic Breast Disease	Cosma,Greg N	Environmental Health Susan G. Komen Breast Cancer Foundation	12/1/98 - 11/30/00	97250701 \$195,565
Biomonitoring of Diesel Exhaust Exposures in Transportation Workers	Cosma,Greg N	Environmental Health HHS-CDC-Occup Safety & Health (NIOSH)	10/1/98 - 9/30/01	97293501 \$345,774
Role of Oxygen Free Radicals in Dioxin Carcinogenesis	Cosma,Greg N	Environmental Health HHS-NIH-Environmental Health Sciences	12/1/97 - 11/30/98	97076101 \$70,240
Focus Groups with Children of Migrant Farm Workers	Darragh,Amy Jane Rountree	Environmental Health HHS-NIH-NCI-National Cancer Institute	9/1/97 - 12/16/97	97098201 \$18,908
Predictive Models for Combination Cancer Chemotherapy	Gustafson,Daniel L Yang,Raymond S H	Environmental Health HHS-NIH-NCI-National Cancer Institute	7/1/98 - 6/30/03	97123501 \$520,394
Risk Perception & Low Back Pain-An Integrated Model	Herron,Robert E	Environmental Health HHS-NIH-National Institutes of Health	10/1/98 - 9/30/01	97293301 \$590,855
Development of Methods for Predicting Trihalomethane (THM) & Haloacetic Acids (HAA)...	Nuckols,John R	Environmental Health American Water Works Assc. Research Fd.	9/1/97 - 8/31/99	97080301 \$249,990
Comparing the Magnitude of Environmental Preferences Using Monetized & Non-Monetized Valuation	Nuckols,John R	Environmental Health Environmental Protection Agency	10/1/98 - 9/30/01	97166101 \$380,411
Exposure to Metals in Albuquerque Constructed Wetland Test Cells	Ramsdell,Howard S	Environmental Health DOI-USGS-Geological Survey	5/1/97 - 3/31/98	97085001 \$10,000
Malignant Catarrhal Fever: An Important Threat to the Bison Community	Reif,John S	Environmental Health National Bison Association	10/1/97 - 9/30/98	97120001 \$40,213
Electromagnetic Fields, Amyloid Beta, Melatonin & Oxidative Damage	Reif,John S	Environmental Health DOD-ARMY	7/1/98 - 6/30/01	97119801 \$557,078

Vet. Medicine & Biomedical Sciences - Proposals

Title	Principal Investigator	Department/Sponsor Name	Dates	Key #/\$Amount
Melatonin & Occupational Radiofrequency Exposure	Reif,John S	Environmental Health HHS-NIH-National Institute of Health	8/1/98 - 7/31/01	97123401 \$768,366
Biomarkers for Assessing Human Exposure to Brominated Water Disinfection Byproducts	Reif,John S Tessari,John Domenic Ellis,Robert P	Environmental Health American Water Works Assc. Research Fd.	1/1/98 - 12/31/99	97124901 \$299,942
Molecular Genetic Tools for Epidemiologic Studies of Mycobacterium Bovis in Cattle	Salman,M D Black,William C Iv Ellis,Robert P	Environmental Health US Department of Agriculture	10/1/98 - 9/30/01	97168501 \$370,171
Conference of the International Society of Veterinary Epidemiology	Salman,M D	Environmental Health USDA-APHIS-Animal Damage Control	6/17/97 - 9/16/00	97189901 \$5,000
Molecular Diagnosis & Screening for M. Bovis Infection in Ungulates	Salman,M D	Environmental Health US Department of Agriculture	2/1/98 - 2/1/98	97195502 \$50,000
Persistence of Vesicular Stomatitis Virus & Factors Associated with Recurrence of Disease	Salman,M D	Environmental Health Morris Animal Foundation	7/1/98 - 6/30/01	97218701 \$139,463
Epidemiology of Vesicular Stomatitis in the W. Hemisphere: An Extension of Current...	Salman,M D	Environmental Health USDA-Foreign Agricultural Service	9/16/96 - 9/30/98	97099401 \$46,819
National Animal Health Reporting Systems & Equine Health Monitoring	Salman,M D	Environmental Health USDA-APHIS-Ag & Plant Health Insp Srvc	3/1/98 - 9/30/98	97226101 \$15,745
Rural School-Based Interventions to Increase Child Occupant Restraint Use	Stallones,Lorann	Environmental Health HHS-CDC-Centers for Disease Control	9/1/98 - 8/31/01	97188701 \$622,446
Adolescent Farm Work, Fatigue & Injuries in Colorado	Stallones,Lorann	Environmental Health HHS-CDC-Centers for Disease Control	9/1/98 - 8/1/01	97228501 \$398,723
Colorado Injury Control Research Center (CICRC)	Stallones,Lorann	Environmental Health HHS-CDC-Centers for Disease Control	9/1/98 - 8/31/03	97123901 \$6,505,879
Developing a Predictive Strategy for Chemical Mixtures	Yang,Raymond S H	Environmental Health HHS-NIH-National Institute of Health	7/1/98 - 6/30/03	97180701 \$1,688,404
Toxicologic Interactions of Chemical & Physical Agents	Yang,Raymond S H	Environmental Health HHS-NIH-Environmental Health Sciences	9/1/98 - 8/31/03	97240901 \$2,247,049
Integration of Mechanistic Carcinogenicity Studies with PBPK/PD Modeling for Health...	Yang,Raymond S H	Environmental Health HHS-CDC-Centers for Disease Control	9/30/97 - 9/29/02	97081401 \$1,142,984
Longitudinal Studies of Rodent Reservoirs of Hantaviruses in the Southwestern United States	Beaty,Barry J	Microbiology HHS-CDC-Centers for Disease Control	10/1/98 - 9/30/99	97255901 \$133,000
Virus Expression Systems in Vector Biology	Beaty,Barry J Carlson,Jonathan O	Microbiology University of Wisconsin	6/1/99 - 5/31/04	97292501 \$989,916

Vet. Medicine & Biomedical Sciences - Proposals

Title	Principal Investigator	Department/Sponsor Name	Dates	Key #/\$Amount
A Novel Class of Phospholipases-Molecular Pathogenesis	Belisle,John T	Microbiology University of Colorado Health Sci Ctr	6/1/98 - 5/31/03	97120901 \$64,755
Glycoproteins of Mycobacterium Tuberculosis	Belisle,John T Spencer,John S	Microbiology HHS-NIH-National Institute of Health	12/1/98 - 11/30/03	97160701 \$1,171,865
Cell Wall Mutants of M. Tuberculosis	Besra,Gurdyal Singh Brennan,Patrick Joseph	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	7/1/98 - 6/30/03	97120601 \$1,007,789
Analysis of Biogeography, Habitat, & Host Association in Ticks	Black,William C Iv	Microbiology National Science Foundation	5/1/98 - 4/30/99	97164501 \$9,997
Genetics of Vector Competence for Bluetongue Virus	Black,William C Iv	Microbiology US Department of Agriculture	9/1/98 - 8/31/01	97170901 \$238,368
Determinants of TH 1 Cytokine Responses in Leprosy	Brennan,Patrick Joseph	Microbiology University of California-Los Angeles	4/1/99 - 3/31/04	97295901 \$357,386
Molecular Genetic Control of Vector Potential	Carlson,Jonathan O Beaty,Barry J	Microbiology HHS-NIH-National Institute of Health	2/1/99 - 1/31/04	97203501 \$1,996,611
Physiology of Persistent Mycobacterium Tuberculosis Cells	Cooper,Andrea M	Microbiology HHS-NIH-National Institutes of Health	4/1/99 - 3/31/03	97253701 \$108,198
Interaction of Enterococcus Faecalis with Macrophages	Gentry-Weeks,Claudia R	Microbiology HHS-NIH-National Institute of Health	7/1/98 - 6/30/03	97112801 \$507,484
Insectary Core for Tropical Disease Research Units Program Project Grant	Higgs,Stephen	Microbiology University of Wisconsin	6/1/99 - 5/31/04	97292901 \$311,445
Cellulase Production in Solid Substrate Fermentation by Mixed Cultures	Linden,James C	Microbiology National Science Foundation	7/1/98 - 6/30/00	97143701 \$143,513
Amylase & Protein Enriched Feedstuff from Spent Brewers Grains	Linden,James C Tengerdy,Robert	Microbiology CIRB-Colo. Inst.of Research in Biotech.	7/1/98 - 6/30/99	97258901 \$17,500
Conversion of Spent Brewing Grains to an Enhanced Livestock Feed Supplement	Linden,James C Henk,Linda Lou Johnson,Donald E	Microbiology USDA-CSRS-Coop. States Research Service	7/1/98 - 6/30/01	97139501 \$459,910
Regulation of Dormancy in Mycobacterium Tuberculosis	Orme,Ian M	Microbiology University of Pennsylvania	7/1/02 - 6/30/03	97167901 \$84,911
Chronic Tuberculosis: Latent or Dynamic?	Orme,Ian M	Microbiology HHS-NIH-National Institute of Health	11/1/98 - 10/31/03	97174101 \$1,293,214
Regulation of Dormancy in Mycobacterium Tuberculosis	Orme,Ian M	Microbiology University of Pennsylvania	4/1/03 - 3/31/04	97290301 \$85,667

Vet. Medicine & Biomedical Sciences - Proposals

Title	Principal Investigator	Department/Sponsor Name	Dates	Key #/\$Amount
AIDS Related Lymphoma in a SCID Mouse Model	Akkina,Ramesh K	Pathology University of Colorado Health Sci Ctr	4/1/98 - 3/31/03	97096001 \$432,738
Antigen Presentation in Malaria Infection	Avery,Anne C	Pathology HHS-NIH-National Institute of Health	12/1/98 - 11/30/02	97192101 \$998,353
Rumen Pneumotoxic Metabolites & Acute Interstitial Pneumonia in Feedlot Cattle	Gould,Daniel H	Pathology US Department of Agriculture	7/1/98 - 6/30/01	97170301 \$323,465
Role of Dendritic & Langerhans Cells in Lyme Disease	Mbow,M. Lamine	Pathology HHS-NIH-National Institutes of Health	4/1/99 - 3/31/04	97268101 \$925,431
Strain Alignment in the Pathogenesis of Microdamage & Subchondral Bone Failure in Osteochondrosis	Norrdin,Robert W	Pathology Morris Animal Foundation	1/1/99 - 12/31/99	97223101 \$9,965
Identification of the Feline Niemann-Pick C Gene	Thrall,Mary Anna	Pathology Ara Parseghian Medical Research Found.	1/1/98 - 12/31/99	97105001 \$118,830
TCDD Immunotoxicity & Leishmaniasis	Titus,Richard G Dekrey,Gregory K	Pathology HHS-NRSA-Nat. Research Service Award	12/1/97 - 11/1/00	97090101 \$96,600
Immunomodulation of the Local Skin Immune Response Against Leishmania Major by Max...	Titus,Richard G Mbow,M. Lamine	Pathology WHO-World Health Organization	12/1/97 - 11/30/00	97090501 \$148,337
Immunomodulatory Effects of Ixodes Scapularis (Tick) Saliva	Titus,Richard G Gillespie,Robert Dean	Pathology HHS-NIH-National Institute of Health	5/1/98 - 4/30/01	97134701 \$92,700
Role of Sand Fly & Tick Saliva in Disease	Titus,Richard G	Pathology HHS-NIH-National Institute of Health	2/1/98 - 1/31/03	97076601 \$1,510,331
Colorado Institute for Research in Biotechnology Graduate Student Fellowship	Titus,Richard G Garreis-Chasey,Kathleen	Pathology CIRB-Colo. Inst.of Research in Biotech.	8/1/98 - 7/31/99	97291101 \$8,000
IUGR: Early Placental Development & Function	Anthony,Russell V	Physiology University of Denver	7/1/98 - 6/30/99	97123201 \$213,001
Fetal Growth Retardation: Interaction of Early Placental Development & Function	Anthony,Russell V	Physiology US Department of Agriculture	10/1/98 - 9/30/01	97155701 \$142,317
Development of Transgenic & Gene Ablation Techniques in Ruminant Animals	Anthony,Russell V Bowen,Richard A	Physiology USDA-CSRS-CGP-Competitive Grants Program	10/1/98 - 9/30/01	97182101 \$310,252
Genetic Immunization for Control of Vesicular Stomatitis in Cattle & Horses	Bowen,Richard A	Physiology US Department of Agriculture	8/1/98 - 7/31/00	97170701 \$143,365
Molecular & Functional Characterization of the Bovine Mx Antiviral System	Bowen,Richard A	Physiology USDA-CSRS-CGP-Competitive Grants Program	9/1/98 - 8/30/00	97182701 \$114,166

Vet. Medicine & Biomedical Sciences - Proposals

Title	Principal Investigator	Department/Sponsor Name	Dates	Key #/\$Amount
Methods to Enhance Viability of Cooled Stallion Sperm	Graham,James K	Physiology	10/1/98 -	97185501
	Squires,Edward L	AQHA-American Quarter Horse Assoc.	9/30/99	\$33,005
	Bruemmer,Jason			
GnRH-Toxin Conjugates for Chemical Castration	Nett,Torrance M	Physiology	9/1/98 -	97168901
		US Department of Agriculture	8/31/01	\$262,882
Molecular Control of Luteal Secretion of Progesterone in Ruminants	Niswender,Gordon D	Physiology	9/1/98 -	97165301
		US Department of Agriculture	8/31/01	\$272,140
Fifth International Symposium on Reproductive in Domestic Ruminants	Niswender,Gordon D	Physiology	7/1/98 -	97170501
		US Department of Agriculture	9/30/98	\$17,100
Regulation of LH Receptors & Progesterone Secretion	Niswender,Gordon D Clay,Colin	Physiology	12/1/98 -	97191301
		HHS-NIH-National Institute of Health	11/30/03	\$1,000,636
Organization of LH Receptors on Luteal Cell Membranes	Roess,Deborah A	Physiology	7/1/98 -	97156701
		National Science Foundation	6/30/02	\$418,352
Initiation of Folliculogenesis in Sheep & Cattle	Sawyer,Heywood R Clay,Colin	Physiology	9/1/98 -	97168701
		US Department of Agriculture	8/31/00	\$167,778
Gene Expression in Bovine Pregnancies from IVF & Cloned Embryos	Seidel,George E.Jr	Physiology	9/1/98 -	97191501
	Anthony,Russell V	US Department of Agriculture	8/31/00	\$271,079
	Garry,Franklyn B			
Role of mNav2.3 in Uterine Contraction	Tamkun,Michael Martens,Jeffrey	Physiology	8/1/98 -	97223301
		HHS-NRSA-Nat. Research Service Award	7/31/01	\$93,997
Molecular Determinants of External Block & Channel Gating Induced by Local Anesthetics...	Tamkun,Michael	Physiology	6/1/98 -	97121001
		Commission for Cult., Educ. & Scientific	5/31/99	\$15,000
Molecular Mechanisms of Hypoxia-induced Pulmonary Hypertension	Tamkun,Michael	Physiology	1/1/99 -	97281901
		American Heart Association	12/31/01	\$165,000
Molecular Mechanisms of Altitude Induced Pulmonary Hypertension in Cattle	Tamkun,Michael Tucker,Alan	Physiology	9/1/98 -	97169101
		US Department of Agriculture	8/31/01	\$287,884
Short-term Training for Minority Students	Tucker,Alan Florant,Gregory L	Physiology	5/1/98 -	97098501
		HHS-NIH-National Institute of Health	4/30/03	\$143,611
Developmental Expression of NOS & VEGF in Pulmonary Vascular Endothelial Cells of Neonates....	Tucker,Alan	Physiology	7/1/98 -	97133101
		American Heart Association of Colorado	6/30/00	\$60,000
NOS & VEGF Expression in Hypoxic Neonatal Rats	Tucker,Alan Rhodes,Jann	Physiology	12/1/98 -	97162901
		HHS-NIH-National Institute of Health	11/30/02	\$517,788
Radiation, Chromosomal Aberrations, Mutations & RBE	Bedford,Joel S	Radiological Health Sciences	12/1/98 -	97164101
		HHS-NIH-National Institute of Health	11/30/01	\$772,054

Vet. Medicine & Biomedical Sciences - Proposals

Title	Principal Investigator	Department/Sponsor Name	Dates	Key #/\$Amount
Uncertainty of Neutron Dose Estimates at Rocky Flats	Borak,Thomas B	Radiological Health Sciences HHS-CDC-Centers for Disease Control	7/1/98 - 6/30/01	97271301 \$252,966
Immortalization of Cells for Breast Cancer Study	Elkind,Mortimer M	Radiological Health Sciences Cancer League of Colorado, Inc.	7/1/98 - 6/30/99	97192501 \$22,900
Radiation-Induced Breast Cancer	Elkind,Mortimer M	Radiological Health Sciences HHS-NIH-National Institute of Health	4/1/99 - 3/31/02	97160901 \$1,817,728
IGERT: Cell and Molecular Biology	Fox,Michael H	Radiological Health Sciences NSF-SBE-Social, Behav & Econ Sciences	4/1/98 - 3/31/03	97103501 \$1,757,388
Cell Cycle Checkpoints in Normal & Tumor Cells	Fox,Michael H Bedford,Joel S	Radiological Health Sciences HHS-NIH-National Institute of Health	7/1/98 - 6/30/03	97112001 \$1,668,128
Modulating Apoptosis Through the Regulation of Heat Shock Protein 70	Fox,Michael H	Radiological Health Sciences Cancer League of Colorado, Inc.	7/1/98 - 6/30/98	97197501 \$23,073
Assessment of Plutonium Burdens in People Living Around the Rocky Flats Plant	Ibrahim,Shawki A	Radiological Health Sciences US Department of Energy	8/1/98 - 7/31/99	97193701 \$49,630
Molecular Cytogenetics of Canine Cancer	Larue,Susan M	Radiological Health Sciences Morris Animal Foundation	9/1/98 - 8/31/01	97217901 \$90,000
Molecular Cytogenetics & Genetics of Feline Vaccine Associated Sarcomas	Larue,Susan M Bedford,Joel S Mcniel,Elizabeth Ann	Radiological Health Sciences AVMA-Amer Veterinary Medi Assoc Found	1/1/98 - 12/31/99	97090301 \$69,453
Feline Vaccine Associated Sarcomas: Predictive Assays & Biological Markers	Larue,Susan M Fox,Michael H Mcniel,Elizabeth Ann	Radiological Health Sciences AVMA-Amer Veterinary Medi Assoc Found	1/1/98 - 12/31/99	97090201 \$31,193
Radionuclides in Shallow Water Sediments at CANDU Nuclear Generating Stations	Rowan,David J	Radiological Health Sciences Atomic Energy of Canada Limited (AECL)	2/1/98 - 3/27/98	97192302 \$23,180
Estimating Consumption Rates of Fish & Invertebrates, as well as Primary Production, in Rivers . . .	Rowan,David J	Radiological Health Sciences NSF - National Science Foundation	6/1/99 - 5/31/01	97279701 \$268,908
Tools and Methodology for Reducing Uncertainties in Assessment Models	Whicker,F Ward	Radiological Health Sciences New Mexico State University	9/1/98 - 8/31/03	97295701 \$514,951

Other - Proposals

Title	Principal Investigator	Department/Sponsor Name	Dates	Key #/\$Amount
Educational Opportunity Center	Thayer,Paul	Center Educ Access & Outreach US Department of Education	11/9/99 - 10/31/94	97110701 \$2,727,993
The Role of Organic Matter in the Precipitation of Mercury Sulfide Solids & the Binding of Dissolved Mercury in...	Ward,Robert C	Colo Water Resources Res Inst DOI-USGS-Geological Survey	6/1/98 - 12/31/98	97229101 \$13,546
Food Resource Management for Colorado Springs Limited Resource	Bray,Colleen R	Cooperative Extension City of Colorado Springs	4/1/98 - 3/31/99	97080801 \$37,500
Risk Management for Today's Economic Environment	Kaan,Dennis A Tranel,Jeffrey E Seidl,Andrew F	Cooperative Extension USDA - US Department of Agriculture	6/1/98 - 12/31/99	97226301 \$156,490
Youth and Young Adult DUI Prevention, Decrease Underage Drinking	Luevane,Carmen Mendoza	Cooperative Extension Colorado Department of Transportation	10/1/98 - 9/30/99	97208901 \$178,562
Multi-Site Comprehensive Intervention for Teen Parents	Miller-Heyl,Janet L Macphee,David L Fritz,Janet J	Cooperative Extension HHS-SAMHSA-CSAP-Ctr Substance Abuse Prvn	9/30/98 - 9/29/01	97273301 \$1,473,098
4-H Developmental Assets Infusion Project	Steele,Douglas L Poncelow,Stacy Diane	Cooperative Extension Search Institute	9/1/98 - 8/31/00	97244301 \$40,000
Rehabilitation of the Potting Shed	Hurt,Nancy K	Facilities Management Colo Dept Higher Educ-Historical Society	10/1/98 - 7/31/99	97219101 \$29,200
INTERACTE Colorado: Interactive Access to Training & Education for Colorado	Maher,Thomas G	Instructional Services CCHE-Commission on Higher Education	10/1/97 - 6/30/98	97111201 \$200,000
Virtual Poster Collection	Rutstein,Joel S Frickman,Linda G	Library NEH-Inst of Museum & Library Services	10/1/98 - 3/31/00	97233501 \$88,188
University Talent Search	Thayer,Paul	Talent Search Program US Department of Education	9/1/98 - 8/31/03	97123301 \$1,723,475
Drug/Alcohol Zero Tolerance Grant for Education & Enforcement	Chaffee,Robert J	University Police Bacchus and Gamma Peer Educ Network	3/14/98 - 5/30/98	97208301 \$3,500

Section III

Awards Received for Current Fiscal Year

Agricultural Sciences - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Measuring the Value of Threatened & Endangered Species	Loomis,John B	Agric & Resource Economics DOI-Bureau of Reclamation	4/4/96 - 9/30/98	1714 \$32,932
Estimating the Change in Economic Value of Fire Effects on Forest Recreation	Loomis,John B	Agric & Resource Economics USDA-USFS-Pacific SW	9/16/97 - 9/30/99	2028 \$100,000
Develop Updated & Improved Estimates of Recreation Values	Loomis,John B	Agric & Resource Economics USDA-USFS-Rocky Mtn. Rsrch Station - CO	8/26/97 - 9/30/98	8710 \$20,000
An Assessment of the Demand & Supply of Wilderness in the United States	Loomis,John B	Agric & Resource Economics USDA-USFS-Forest Research	9/15/97 - 9/30/98	8724 \$18,000
Economic & Ecological Sustainability on the Colorado Plateau	Spencer,William P Mckean,John R	Agric & Resource Economics DOI-National Biological Survey	8/1/95 - 12/30/97	4167 \$10,000
Sorting Carcasses from Beefmaster Cattle Based on Palatability/Tenderness Traits Using...	Belk,Keith Tatum,Joseph D Smith,Gary C	Animal Sciences Beefmaster Breeders United	9/15/97 - 8/1/98	5188 \$20,000
Development of a HunterLab Beef Carcass Color Vision System to Augment USDA Quality...	Belk,Keith Tatum,Joseph D Smith,Gary C	Animal Sciences Nat'l Cattlemen's Beef Association	9/1/97 - 8/1/98	5199 \$50,000
Pilot Study for the National Study, Microbial Mapping II	Belk,Keith Sofos,John N Smith,Gary C	Animal Sciences Nat'l Cattlemen's Beef Association	10/1/97 - 3/1/98	5359 \$35,875
Microbiological Profile of Pork Variety Meats at Two Different Plant Production Sites &...	Belk,Keith Sofos,John N Schmidt,Glenn R	Animal Sciences U.S. Meat Export Federation	11/1/97 - 5/15/98	5360 \$198,320
A Microbial Profile of Domestic & Imported Beef Raw Material Destined for Use In Ground Beef Production	Belk,Keith	Animal Sciences Agri-West Laboratory	12/15/97 - 3/31/98	5368 \$31,600
Pork International Consumer Preference	Belk,Keith Smith,Gary C	Animal Sciences U.S. Meat Export Federation	4/20/98 - 4/20/99	5387 \$6,000
Pork International Consumer Preference	Belk,Keith Smith,Gary C	Animal Sciences U.S. Meat Export Federation	4/20/98 - 4/20/99	5387 \$17,600
Retail Caselife & Bacterial Growth Level on the Surface of Ground Beef in Modified...	Belk,Keith Sofos,John N Smith,Gary C	Animal Sciences King Soopers	7/16/97 - 9/30/97	6260 \$16,500
Effects of Supplemental Vitamin E on Reducing Drip Loss & Enhancing Oxidative Stability of Poultry Retail Products	Belk,Keith Smith,Gary C	Animal Sciences Roche	3/18/98 - 3/31/01	8208 \$60,780

Agricultural Sciences - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Effects of Supplementing Feedlot Cattle with High Levels of Vitamin D3 on Plasma & Tissue Calcium Concentrations...	Belk,Keith Geary,Thomas W Smith,Gary C	Animal Sciences Roche	3/16/98 - 3/15/01	8209 \$35,156
Developing Benchmarks, Educational Tools & Sorting Strategies to Familiarize Cattle...	Field,Thomas G Tatum,Joseph D	Animal Sciences Nat'l Cattlemen's Beef Association	3/10/97 - 3/1/98	5357 \$38,250
Modifications of the Select Synch Protocol to Maximize Pregnancy Rates in Beef Cows	Geary,Thomas W Whittier,Jack C Bruemmer,Jason	Animal Sciences Select Sires Incorporated	5/1/97 - 5/1/98	5198 \$11,963
Effects of Calf Removal & Time of Insemination on Pregnancy Rates in Suckled...	Geary,Thomas W Whittier,Jack C	Animal Sciences National Association of Animal Breeders	7/1/97 - 12/31/98	5374 \$14,920
Synchronization of Ovulation Using hCG or GnRH with the CO-Synch Protocol in Suckled Beef Cows	Geary,Thomas W Whittier,Jack C	Animal Sciences National Association of Animal Breeders	7/1/98 - 6/30/99	5380 \$14,980
Methods in National Beef Cattle Evaluation	Golden,Bruce L Bourdon,Richard M	Animal Sciences Canadian Angus Association	5/1/97 - 5/1/00	5180 \$10,000
Development of Browse Data Base	Irlbeck,Nancy A	Animal Sciences Denver Zoological Foundation	2/19/97 - 2/19/99	5440 \$7,530
Livestock Greenhouse Gases	Johnson,Donald E Seidl,Andrew F Ward,Gerald M.	Animal Sciences EPA-Surveys, Studies, Investigations	5/1/98 - 1/1/00	5859 \$74,998
Western SARE Professional Development Program	Lamm,W Dennis	Animal Sciences Utah State University	7/1/97 - 12/31/98	1325 \$9,500
Sheep Pathogen Reduction Intervention & Animal Production Food Safety Practices	Levalley,Stephen Byron Belk,Keith Smith,Gary C	Animal Sciences USDA-APHIS-Ag & Plant Health Insp Srvc	9/5/97 - 12/4/98	2038 \$245,377
Sheep Pathogen Reduction	Levalley,Stephen Byron Smith,Gary C Belk,Keith	Animal Sciences American Sheep Industry Association	6/1/98 - 9/30/99	5395 \$40,000
Characterization of Beef Tissue Following Stunning of Cattle--Phase I	Schmidt,Glenn R	Animal Sciences AMIF - American Meat Institute Foundatio	9/1/97 - 10/1/97	5449 \$12,000
Beef Quality Assurance Audits: Incidence of Injection-Site Damage in Top Sirloin Butts & In Muscles of...	Smith,Gary C Belk,Keith Tatum,Joseph D	Animal Sciences Nat'l Cattlemen's Beef Association	3/1/98 - 2/28/99	5392 \$51,720

Agricultural Sciences - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Beef Quality Assurance Audits: Assays for Presence of Antibiotics in Injection-Site...	Smith,Gary C	Animal Sciences	7/31/97 -	8200
	Tatum,Joseph D	Nat'l Cattlemen's Beef Association	6/30/98	\$33,970
	Sofos,John N			
Evaluation of Pre-Evisceration Spray- Washing as a Beef Carcass Decontamination Treat...	Sofos,John N	Animal Sciences	9/1/97 -	5355
	Smith,Gary C	Nat'l Cattlemen's Beef Association	12/1/98	\$112,780
	Belk,Keith			
Evaluation of Multiple-Hurdle Microbiological Interventions-to include Pre-Evisceration Spray-Washing ...	Sofos,John N	Animal Sciences	9/1/97 -	5355
	Smith,Gary C	Nat'l Cattlemen's Beef Association	12/1/98	\$8,960
	Belk,Keith			
Determining Microbiological Counts on Beef Carcasses, Wholesale Cuts & Retail Cuts, to Assist Those in the...	Sofos,John N	Animal Sciences	12/1/97 -	5373
	Belk,Keith	Nat'l Cattlemen's Beef Association	8/31/98	\$264,125
	Smith,Gary C			
Validation of USDA Frame Size & Muscle Thickness Specifications for Feeder Cattle	Tatum,Joseph D	Animal Sciences	6/1/97 -	2121
	Belk,Keith	USDA-AMS-Agricultural Marketing Service	8/31/98	\$50,180
	Smith,Gary C			
Development & Management of a Database for Monitoring Product Quality & Evaluating...	Tatum,Joseph D	Animal Sciences	12/1/97 -	8204
		DM International, Inc.	11/30/00	\$18,900
Arkansas Valley Project	Schweissing,Frank C	Arkansas Valley Research Ctr	6/23/92 -	6751
		Various "For Profit" Sponsors	12/31/98	\$1,000
Arkansas Valley Project	Schweissing,Frank C	Arkansas Valley Research Ctr	6/23/92 -	6751
		Various "For Profit" Sponsors	12/31/98	\$5,830
Arkansas Valley Project	Schweissing,Frank C	Arkansas Valley Research Ctr	6/23/92 -	6751
		Various "For Profit" Sponsors	12/31/98	\$1,800
Arkansas Valley Project	Schweissing,Frank C	Arkansas Valley Research Ctr	6/23/92 -	6751
		Various "For Profit" Sponsors	12/31/98	\$500
Arkansas Valley Project	Schweissing,Frank C	Arkansas Valley Research Ctr	6/23/92 -	6751
		Various "For Profit" Sponsors	12/31/98	\$1,000
Arkansas Valley Project	Schweissing,Frank C	Arkansas Valley Research Ctr	6/23/92 -	6751
		Various "For Profit" Sponsors	12/31/98	\$1,000
Arkansas Valley Project	Schweissing,Frank C	Arkansas Valley Research Ctr	6/23/92 -	6751
		Various "For Profit" Sponsors	12/31/98	\$3,500
The Influence of Cattle Grazing on the Population Dynamics of Diffuse Knapweed	Beck,K George	Bioagriculturl Sci & Pest Mgmt	4/1/96 -	5084
	Rittenhouse,Larry R	Boulder County Parks & Open Spaces	3/31/99	\$14,294

Agricultural Sciences - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
An Analysis of Noxious Weed Distributions on Rangelands	Beck,K George	Bioagricultur Sci & Pest Mgmt USDA-USFS-Rocky Mtn. Rsrch Station - CO	3/11/97 - 12/31/98	8843 \$3,000
An Analysis of Noxious Weed Distributions on Rangelands	Beck,K George	Bioagricultur Sci & Pest Mgmt USDA-USFS-Rocky Mtn. Rsrch Station - CO	3/11/97 - 4/30/98	8843 \$3,000
Cooperative Agricultural Pest Survey 1998	Bjostad,Louis B	Bioagricultur Sci & Pest Mgmt USDA-APHIS-Ag & Plant Health Insp Srvc	10/1/97 - 9/30/98	2149 \$32,300
Cooperative Agricultural Pest Survey 1998	Bjostad,Louis B	Bioagricultur Sci & Pest Mgmt USDA-APHIS-Ag & Plant Health Insp Srvc	10/1/97 - 9/30/98	2151 \$11,941
Cooperative Agricultural Pest Survey 1998	Bjostad,Louis B	Bioagricultur Sci & Pest Mgmt USDA-APHIS-Ag & Plant Health Insp Srvc	10/1/97 - 9/30/98	2153 \$8,000
Cooperative Agricultural Pest Survey 1998	Bjostad,Louis B	Bioagricultur Sci & Pest Mgmt USDA-APHIS-Ag & Plant Health Insp Srvc	10/1/97 - 9/30/98	2155 \$6,000
Behavioral Bioassay Development for Termites	Bjostad,Louis B	Bioagricultur Sci & Pest Mgmt American Cyanamid Company	9/3/97 - 9/2/02	8203 \$1,500
Formulations that Generate Carbon Dioxide for Control of Corn Rootworm Larvae	Bjostad,Louis B	Bioagricultur Sci & Pest Mgmt American Cyanamid Company	5/1/98 - 4/30/99	8206 \$10,000
Field Evaluation of Barley Germplasm for Reaction to Barley Stripe Rust	Brown,William M Jr	Bioagricultur Sci & Pest Mgmt USDA-ARS-Agricultural Research Service	6/1/96 - 5/31/01	2067 \$15,000
Cooperative Agricultural Pest Survey 1998	Brown,William M Jr Bjostad,Louis B	Bioagricultur Sci & Pest Mgmt USDA-APHIS-Ag & Plant Health Insp Srvc	10/1/97 - 9/30/98	2150 \$4,400
Cooperative Agricultural Pest Survey 1998	Brown,William M Jr Bjostad,Louis B	Bioagricultur Sci & Pest Mgmt USDA-APHIS-Ag & Plant Health Insp Srvc	10/1/97 - 9/30/98	2154 \$24,000
Causes of Winter Mortality in Colorado Honey Bees	Cranshaw,Whitney S Peairs, Frank B	Bioagricultur Sci & Pest Mgmt Colorado Department of Agriculture	9/15/97 - 9/30/98	0220 \$20,000
Development of Improved Quality & High Yield in Wheat Germplasm in Colorado	Hill,Joseph P Quick,James S	Bioagricultur Sci & Pest Mgmt Colorado Wheat Administrative Commission	7/1/97 - 6/30/98	8305 \$5,000
A National Integrated Pest Management Network	Holtzer,Thomas O	Bioagricultur Sci & Pest Mgmt Virginia Polytechnic Institute	10/1/97 - 9/30/98	1326 \$15,000
Grasshopper Common Dataset (CAPS 1998)	Holtzer,Thomas O	Bioagricultur Sci & Pest Mgmt USDA-APHIS-Ag & Plant Health Insp Srvc	10/1/97 - 9/30/98	2152 \$13,250
Fellowship for Kathleen Voelsing	Ishimaru,Carol A	Bioagricultur Sci & Pest Mgmt CIRB-Colo. Inst.of Research in Biotech.	7/1/97 - 6/30/98	0204 \$8,000
Functional Landscape Mapping of Clavibacter Michiganensis Subsp.sepedonicus	Ishimaru,Carol A Knudson,Dennis L	Bioagricultur Sci & Pest Mgmt USDA-CSRS-SRG-Special Research Grants	4/1/97 - 3/31/98	2115 \$51,712

Agricultural Sciences - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Water Usage of Cottonwoods	Jacobi,William R	Bioagricultur Sci & Pest Mgmt Denver Water Department	6/16/97 - 12/31/97	5179 \$10,000
GIS - Based Landscape-Scale Root Disease Hazard Rating System	Jacobi,William R	Bioagricultur Sci & Pest Mgmt USDA-USFS-Forest Research	5/18/95 - 4/30/98	8828 \$13,900
Optimum Stocking in Lodgepole Pine with Topkill	Jacobi,William R	Bioagricultur Sci & Pest Mgmt USDA-USFS-Rocky Mtn. Rsrch Station - CO	8/13/97 - 12/31/97	8849 \$5,644
Optimal Stocking of Lodgepole Pine with Topkill	Jacobi,William R	Bioagricultur Sci & Pest Mgmt USDA-USFS-Rocky Mtn. Rsrch Station - CO	5/28/98 - 9/15/98	8855 \$3,000
MacArthur Program: Physical Mapping	Knudson,Dennis L	Bioagricultur Sci & Pest Mgmt MacArthur Foundation *	1/1/90 - 12/31/98	5189 \$36,786
Mapping of Filarial Vector Competence in Aedes Aegypti	Knudson,Dennis L	Bioagricultur Sci & Pest Mgmt HHS-PHS-AID-Microbio & Infectious Dis Re	4/1/98 - 3/31/03	7785 \$328,944
Colorado Pesticide Impact Assessment Program	Mcdonald,Sandra K	Bioagricultur Sci & Pest Mgmt USDA-CSRS-Coop. States Research Service	1/1/97 - 12/31/98	1423 \$13,993
Weed Management Project	Nissen,Scott J	Bioagricultur Sci & Pest Mgmt Colorado Dry Bean Admin. Committee	7/1/98 - 6/30/99	5624 \$3,000
Development & Field Testing of Imidazolinone- Resistant (IR) Hard Red Winter Wheat for Management of	Nissen,Scott J Quick,James S	Bioagricultur Sci & Pest Mgmt American Cyanamid Company	10/1/97 - 9/30/00	8205 \$28,000
Potential Losses of EPTAM during Sprinkler Application & the Influence of Soil Moisture...	Nissen,Scott J	Bioagricultur Sci & Pest Mgmt Potato Administration of Colorado	7/1/96 - 6/30/98	8322 \$10,000
Continued Evaluation of Authority & Visor for Potato Weed Control	Nissen,Scott J	Bioagricultur Sci & Pest Mgmt Potato Administration of Colorado	7/1/97 - 6/30/98	8337 \$5,000
Development of Winter Wheat Varieties Resistant to Russian Wheat Aphid	Peairs,Frank B Quick,James S	Bioagricultur Sci & Pest Mgmt Colorado Wheat Administrative Commission	7/1/97 - 6/30/98	8304 \$15,000
Transformation & Regeneration of Pelargonium hortorum sp. with AntiACC Synthase Gene(s)	Ranu,Rajinder S	Bioagricultur Sci & Pest Mgmt Tagawa Greenhouses, Inc.	9/1/96 - 6/30/01	6210 \$60,000
Genetic Manipulation of Flower Plants	Ranu,Rajinder S	Bioagricultur Sci & Pest Mgmt Tagawa Greenhouses, Inc.	2/10/93 - 6/30/98	6804 \$72,000
Bean Disease Management - Disease Forecasting Network	Schwartz,Howard F	Bioagricultur Sci & Pest Mgmt Nebraska Dry Bean Commission	7/1/97 - 6/30/98	5195 \$4,000
Dry Bean Integrated Pest Management	Schwartz,Howard F	Bioagricultur Sci & Pest Mgmt Colorado Dry Bean Admin. Committee	1/1/98 - 12/31/98	5396 \$15,000
Vegetable Disease Management- Environmental Monitoring	Schwartz,Howard F	Bioagricultur Sci & Pest Mgmt Various "Non-Profit" Sponsors	5/1/90 - 12/31/97	6628 \$15,000

Agricultural Sciences - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Studies on Occurrence Control of Early & Late Blight Diseases of Potato in Colorado	Schwartz,Howard F Hill,Joseph P	Bioagricultur Sci & Pest Mgmt Potato Administration of Colorado	7/1/97 - 6/30/98	8335 \$10,000
Basic Research on the Physiology & Genetic Diversity of Jointed Goatgrass	Westra,Philip	Bioagricultur Sci & Pest Mgmt Washington State University	4/1/97 - 3/31/00	1321 \$5,000
GPS Based Field Survey of Jointed Goatgrass Spatial Distribution & Dynamics in Wheat	Westra,Philip	Bioagricultur Sci & Pest Mgmt Washington State University	4/1/97 - 3/31/00	1322 \$12,000
Integrated Management Systems for Jointed Goatgrass in the Central Great Plains	Westra,Philip	Bioagricultur Sci & Pest Mgmt Washington State University	4/1/97 - 3/31/00	1323 \$20,000
On Farm BMP Implementation for Jointed Goatgrass Control in Central Great Plains Wheat	Westra,Philip	Bioagricultur Sci & Pest Mgmt Washington State University	4/1/97 - 3/31/00	1324 \$2,000
Use of Precision Farming Tools to Improve Pest Management	Westra,Philip Peairs, Frank B	Bioagricultur Sci & Pest Mgmt USDA-Western Region I.P.M. Program	9/15/97 - 9/30/99	1436 \$98,977
Winter Annual Grass Weed Research in Wheat	Westra,Philip	Bioagricultur Sci & Pest Mgmt Colorado Wheat Administrative Commission	7/1/97 - 6/30/98	8301 \$10,000
A Lifestyle Physical Activity Intervention for Obese Women: Effect on Cardiovascular Disease Factors...	Anderson,Jennifer E	Food Science & Human Nutrition ACSMF-Amrcn College Sports Medicine Fndt	7/1/98 - 6/30/99	5467 \$5,300
Applying Pam to Control Soil Erosion in Furrows in Western Colorado	Pearson,Calvin H	Fruita Research Center DOI-Bureau of Reclamation	6/5/98 - 12/31/99	2910 \$2,601
Agronomic Research in Western Colorado	Pearson,Calvin H	Fruita Research Center Various "Non-Profit" Sponsors	7/1/91 - 12/31/98	6667 \$2,500
Agronomic Research in Western Colorado	Pearson,Calvin H	Fruita Research Center Various "Non-Profit" Sponsors	7/1/91 - 12/31/98	6667 \$1,000
Agronomic Research in Western Colorado	Pearson,Calvin H	Fruita Research Center Various "Non-Profit" Sponsors	7/1/91 - 12/31/98	6667 \$900
Agronomic Research in Western Colorado	Pearson,Calvin H	Fruita Research Center Various "Non-Profit" Sponsors	7/1/91 - 12/31/98	6667 \$1,500
Agronomic Research in Western Colorado	Pearson,Calvin H	Fruita Research Center Various "Non-Profit" Sponsors	7/1/91 - 12/31/98	6667 \$7,500
Selection of Turf Type & Seed Production in Inland Saltgrass	Hughes,Harrison G Christensen,Dana K	Horticulture & Landscape Arch Golf Association/U.S. Green Section	2/1/98 - 1/31/03	5384 \$125,000
Long Term Preservation of Clonally Propagated Turfgrass Species	Hughes,Harrison G	Horticulture & Landscape Arch Golf Association/U.S. Green Section	2/1/98 - 1/31/01	5398 \$49,701
Weed Control with Herbaceous Plants	Klett,James E	Horticulture & Landscape Arch University of California	2/25/91 - 3/31/00	2200 \$8,200

Agricultural Sciences - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Flower Trial Garden	Klett,James E	Horticulture & Landscape Arch Various "Non-Profit" Sponsors	1/1/91 - 12/31/97	6636 \$1,300
Flower Trial Garden	Klett,James E	Horticulture & Landscape Arch Various "Non-Profit" Sponsors	1/1/91 - 12/31/97	6636 \$5,110
Flower Trial Garden	Klett,James E	Horticulture & Landscape Arch Various "Non-Profit" Sponsors	1/1/91 - 12/31/97	6636 \$27,050
Turfgrass Production	Koski,Anthony J	Horticulture & Landscape Arch Jacklin Seed Company	7/1/93 - 6/30/97	6853 \$3,522
Electroconductivity Test to Evaluate Seed Quality	Moore,Frank D III	Horticulture & Landscape Arch USDA-ARS-NPA-National Seed Storage Lab	9/9/94 - 9/9/99	2000 \$20,000
Application of FTIR Spectroscopy to Identify Potato Cultivars	Stushnoff,Cecil	Horticulture & Landscape Arch Potato Administration of Colorado	7/1/97 - 6/30/98	8324 \$5,000
Floriculture Research	Wallner,Stephen J Newman,Steven E	Horticulture & Landscape Arch Colorado Floriculture Foundation	7/1/93 - 12/31/98	5472 \$9,700
Plant Germplasm Research - Roos	Wallner,Stephen J	Horticulture & Landscape Arch USDA-ARS-Agricultural Research Service	10/1/97 - 9/30/98	8035 \$6,822
Plant Germplasm Research - Roos	Wallner,Stephen J	Horticulture & Landscape Arch USDA-ARS-Agricultural Research Service	10/1/97 - 9/30/98	8035 \$43,739
Faculty Exchange Program	Spencer,William P	Intl Agricultural Program USDA-Foreign Agricultural Service	4/20/97 - 9/30/98	2099 \$22,000
Faculty Exchange Program	Spencer,William P	Intl Agricultural Program USDA-Foreign Agricultural Service	4/20/97 - 11/30/97	2099 \$30,527
Faculty Exchange Program	Spencer,William P	Intl Agricultural Program USDA-Foreign Agricultural Service	4/20/97 - 4/30/98	2099 \$28,674
Viticulture & Enology Research for the Colorado Wine Industry	Hamman Jr,Richard Allen	Orchard Mesa Research Center Colorado Department of Agriculture	7/1/97 - 6/30/98	0202 \$109,700
Viticulture & Enology Research for the Colorado Wine Industry	Hamman Jr,Richard Allen	Orchard Mesa Research Center Colorado Department of Agriculture	7/1/97 - 6/30/98	0202 \$20,100
Trapping Program for European Corn Borer Ostrinia Nubilalis (HBN.), in Western Colorado...	Zimmerman,Rick J	Rogers Mesa Research Center Colo West Sweet Corn & Broccoli Adm Cmtt	5/15/95 - 9/15/98	5106 \$4,560
Trapping Program for European Corn Borer Ostrinia Nubilalis (HBN.), in Western Colorado...	Zimmerman,Rick J	Rogers Mesa Research Center Colo West Sweet Corn & Broccoli Adm Cmtt	5/15/95 - 9/15/98	5106 \$915
Colorado Potato Certification Service	Davidson,Robert D Sather,Kent P	San Luis Valley Research Ctr Colorado Certified Potato Growers Assn	11/1/97 - 4/30/98	5362 \$395,000

Agricultural Sciences - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Early Blight Management	Davidson,Robert D	San Luis Valley Research Ctr Potato Administration of Colorado	10/1/97 - 9/30/99	5702 \$8,000
Early Blight Management	Davidson,Robert D	San Luis Valley Research Ctr Potato Administration of Colorado	7/1/97 - 6/30/98	8321 \$22,000
Potato Breeding Program	Holm,David G	San Luis Valley Research Ctr University of California at Davis	1/1/93 - 12/31/98	5063 \$2,000
Potato Breeding Program	Holm,David G	San Luis Valley Research Ctr University of California at Davis	1/1/93 - 12/31/98	5063 \$2,000
Scientific Services - Jill D. Wick	Holm,David G	San Luis Valley Research Ctr San Luis Valley Research Ctr. Committee	8/1/94 - 6/30/98	6363 \$33,062
Potato Breeding & Selection	Holm,David G	San Luis Valley Research Ctr Potato Administration of Colorado	7/1/97 - 6/30/98	8320 \$30,500
Potato Cultivar Development for Northern Colorado	Holm,David G	San Luis Valley Research Ctr Potato Administration of Colorado	7/1/97 - 6/30/98	8336 \$2,050
Potato Quality Evaluations	Maga,Joseph A	San Luis Valley Research Ctr Potato Administration of Colorado	7/1/97 - 6/30/98	8326 \$3,500
Potato Breeding & Cultivar Development in the Southwest	Thompson-Johns,Asunta Lee Holm,David G	San Luis Valley Research Ctr USDA-CSRS-Coop. States Research Service	6/1/97 - 5/31/99	1357 \$70,000
Cultural & Physiological Studies	Thompson-Johns,Asunta Lee	San Luis Valley Research Ctr Potato Administration of Colorado	7/1/97 - 6/30/98	8325 \$29,300
Assessment of QBAs for Control of Potato Diseases	Zink,Richard T Davidson,Robert D	San Luis Valley Research Ctr Camas Technologies, Inc.	5/15/97 - 12/31/97	8201 \$10,900
Late Blight Forecasting	Zink,Richard T	San Luis Valley Research Ctr Potato Administration of Colorado	7/1/97 - 6/30/98	8323 \$12,000
Biosolids Research & Conference	Barbarick,Kenneth A Redente,Edward F	Soil & Crop Sciences Colorado Dept Public Health & Environ	5/15/95 - 12/31/97	0794 \$9,880
Colorado Seed Growers	Barbarick,Kenneth A	Soil & Crop Sciences Colorado Seed Growers Association	7/1/97 - 6/30/98	5177 \$87,666
Application of Sewage Sludge to Dryland Wheat	Barbarick,Kenneth A	Soil & Crop Sciences City of Littleton	1/1/94 - 12/31/98	5677 \$61,004
Sugarbeet Production Research (FY97)	Barbarick,Kenneth A	Soil & Crop Sciences USDA-ARS-Agricultural Research Service	10/1/97 - 9/30/98	8033 \$21,582
Great Plains System Research Unit	Barbarick,Kenneth A	Soil & Crop Sciences USDA-ARS-Agricultural Research Service	10/1/97 - 9/30/98	8039 \$39,747

Agricultural Sciences - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Demonstrate the Use of Irrigation Scheduling Tools	Berrada,Abdelfettah	Soil & Crop Sciences	5/1/98 -	2907
	Broner,Israel	DOI-Bureau of Reclamation	9/30/99	\$17,500
	Cardon,Grant E			
Bean Breeding Program	Brick,Mark A	Soil & Crop Sciences	11/1/92 -	5254
		Colorado Dry Bean Advisory Board	12/31/98	\$4,000
Bean Breeding Program	Brick,Mark A	Soil & Crop Sciences	11/1/92 -	5254
		Colorado Dry Bean Advisory Board	12/31/98	\$11,400
Zoran Ilievski Project	Brick,Mark A	Soil & Crop Sciences	10/27/97 -	8202
		Cargill, Inc.	5/15/99	\$28,500
Genetic Control of Corn Earworm Resistance Factors	Byrne,Patrick F	Soil & Crop Sciences	12/1/97 -	2078
		USDA-ARS-Agricultural Research Service	7/31/00	\$18,731
Evaluation of the Acid-buffering Capacity and Metal Mobility of Southwest San Luis Valley..	Cardon,Grant E	Soil & Crop Sciences	10/1/95 -	0890
	Kelly,Eugene F	Colorado Dept Public Health & Environ	5/8/98	\$14,300
Crystalline Polyacrylamide Enhancement of Soil Water Retention & Growth of Row Crops	Cardon,Grant E	Soil & Crop Sciences	5/1/97 -	6253
	Fenwick,Jack R	McMahon Bioconsulting & Stockhausen Chem	4/30/98	\$5,000
Improving Manure Management to Protect Water Quality in the Southwestern U.S.	Davis,Jessica G	Soil & Crop Sciences	6/16/97 -	1301
		Utah State University	9/30/98	\$22,974
Improving Manure Management to Protect Water Quality in the Southwestern U.S.	Davis,Jessica G	Soil & Crop Sciences	6/16/97 -	1301
		Utah State University	9/30/98	\$17,333
Reducing Environmental Contamination from Feedlot Manure in the South Platte River...	Davis,Jessica G	Soil & Crop Sciences	7/1/96 -	1356
	Allredge,Jerry K	Utah State University	12/31/98	\$116,838
Bean/Soil Project	Davis,Jessica G	Soil & Crop Sciences	4/1/98 -	5381
		Colorado Dry Bean Advisory Board	3/31/99	\$4,200
Alfalfa & Potato Response to Boron in Colorado	Davis,Jessica G	Soil & Crop Sciences	4/14/98 -	8210
		U.S. Borax Inc.	4/14/99	\$6,000
Determination of Rhizobial Abundance on Alfalfa Seed	Doxtader,Kenneth G	Soil & Crop Sciences	6/1/92 -	6746
		Various "For Profit" Sponsors	12/31/98	\$883
Development of Improved Quality & High Yield in Wheat Germplasm in Colorado	Johnson,Jerry J	Soil & Crop Sciences	7/1/97 -	8302
		Colorado Wheat Administrative Commission	6/30/98	\$5,000
Development of Improved Quality & High Yield in Wheat Germplasm in Colorado	Johnson,Jerry J	Soil & Crop Sciences	7/1/97 -	8302
		Colorado Wheat Administrative Commission	6/30/98	\$2,500
Partitioning of Ecosystem Respiration & Vectors of Water Loss: An Analysis using S13C...	Kelly,Eugene F	Soil & Crop Sciences	9/1/97 -	1930
	SULZMAN,ELIZABETH W	National Aeronautics & Space Admin.	8/31/98	\$22,000

Agricultural Sciences - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Partitioning of Ecosystem Respiration & Vectors of Water Loss: An Analysis Using S13C...	Kelly,Eugene F Sulzman,Elizabeth W	Soil & Crop Sciences NASA - Nat'l Aeronautics & Space Admin.	9/1/98 - 8/31/99	1930 \$22,000
Soil Survey & Soil Survey Certificate	Kelly,Eugene F Cipra,Jan E	Soil & Crop Sciences USDA-NRCS-Natural Resources Consvtn Srv	4/30/96 - 2/1/98	2073 \$11,800
Field Studies & Modeling of Cropping Systems & Their Impact on Water Quality in East...	Peterson,Gary A Butters,Gregory	Soil & Crop Sciences USDA-ARS-Agricultural Research Service	6/1/94 - 5/31/99	2055 \$99,800
Breeding for Early-Maturing Drought Resistant Wheat with Enhanced Stability	Quick,James S	Soil & Crop Sciences USDA-Foreign Agricultural Service	5/15/97 - 5/14/01	2105 \$41,914
Development of Improved Quality & High Yield in Wheat Germplasm in Colorado	Quick,James S	Soil & Crop Sciences Colorado Wheat Administrative Commission	7/1/97 - 6/30/98	8300 \$64,500
Evaluation of Milling & Baking Performance of Colorado Wheats	Quick,James S	Soil & Crop Sciences Colorado Wheat Administrative Commission	7/1/97 - 6/30/98	8303 \$6,000
Bean Testing Project	Shanahan,John Johnson,Jerry J	Soil & Crop Sciences Colorado Dry Bean Advisory Board	6/1/92 - 12/31/98	5648 \$3,750
Bean Testing Project	Shanahan,John Johnson,Jerry J	Soil & Crop Sciences Colorado Dry Bean Advisory Board	6/1/92 - 12/31/98	5648 \$10,500
Sugarbeet Production Research	Sommers,Lee E	Soil & Crop Sciences USDA-ARS-Agricultural Research Service	10/1/96 - 9/30/97	8022 \$4,000
Sugarbeet Production Research	Sommers,Lee E	Soil & Crop Sciences USDA-ARS-Agricultural Research Service	10/1/96 - 9/30/97	8022 \$6,000
Central Plains Resources Management Research	Sommers,Lee E	Soil & Crop Sciences USDA-ARS-Agricultural Research Service	10/1/96 - 9/30/97	8028 \$2,931
Great Plains Systems Research Unit	Sommers,Lee E	Soil & Crop Sciences USDA-ARS-Agricultural Research Service	10/1/96 - 9/30/97	8029 \$55,135
Sugarbeet Production Research (FY97)	Sommers,Lee E	Soil & Crop Sciences USDA-ARS-Agricultural Research Service	10/1/97 - 9/30/98	8033 \$36,207
Seed Viability & Storage Research	Sommers,Lee E	Soil & Crop Sciences USDA-ARS-Agricultural Research Service	10/1/97 - 9/30/98	8034 \$60,066
Water Management Research	Sommers,Lee E	Soil & Crop Sciences USDA-ARS-Agricultural Research Service	10/1/97 - 9/30/98	8037 \$16,746
Central Plains Resources Management Research	Sommers,Lee E	Soil & Crop Sciences USDA-ARS-Agricultural Research Service	10/1/97 - 9/30/98	8038 \$9,928
Great Plains System Research Unit	Sommers,Lee E	Soil & Crop Sciences USDA-ARS-Agricultural Research Service	10/1/97 - 9/30/98	8039 \$74,088

Agricultural Sciences - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Colorado Seed Growers	Stanelle,James Robert	Soil & Crop Sciences Colorado Seed Growers Association	7/1/96 - 6/30/97	5097 \$9,277
Biological Testing & Evaluation of Plant Germplasm	Waibel,Gilbert P	Soil & Crop Sciences USDA-ARS-NPA-National Seed Storage Lab	3/3/95 - 11/30/99	2022 \$15,000
Training & Education for Agricultural Chemicals & Groundwater	Waskom,Reagan M	Soil & Crop Sciences Colorado Department of Agriculture	7/1/97 - 6/30/98	0047 \$125,600
Validating Alternative Manure Management Systems	Waskom,Reagan M Dalsted,Norman L Westfall,Dwayne G	Soil & Crop Sciences American Farm Bureau Research Foundation	2/1/95 - 8/2/98	5410 \$6,000
Soil Fertility Studies	Westfall,Dwayne G	Soil & Crop Sciences Various "For Profit" Sponsors	4/1/91 - 6/30/98	6642 \$6,250
Soil Fertility Studies	Westfall,Dwayne G	Soil & Crop Sciences Various "For Profit" Sponsors	4/1/91 - 6/30/98	6642 \$3,000
Soil Fertility Studies	Westfall,Dwayne G	Soil & Crop Sciences Various "For Profit" Sponsors	4/1/91 - 6/30/98	6642 \$5,950
Southwest Colorado Research Center Outreach	Berrada,Abdelfettah	Southwestern Colorado Res Ctr Various "Non-Profit" Sponsors	1/18/96 - 1/18/98	5060 \$3,600
South Western Colorado Crop Research	Sommers,Lee E Berrada,Abdelfettah	Southwestern Colorado Res Ctr Colorado Dry Bean Advisory Board	11/1/92 - 12/31/98	5253 \$1,000
South Western Colorado Crop Research	Sommers,Lee E Berrada,Abdelfettah	Southwestern Colorado Res Ctr Colorado Dry Bean Advisory Board	11/1/92 - 12/31/98	5253 \$2,000

Applied Human Sciences - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
CSU & Hewlett Packard Collaborative Diversity Research Project	Anderson,Sharon K Cobb,R Brian	Dean Of Applied Human Sciences Hewlett Packard *	9/15/97 - 6/30/98	6276 \$15,000
Colorado Organizing for Children, Youth & Families at Risk (CO-CYFAR)	Love,Cathleen T Carroll,Jan B	Dean Of Applied Human Sciences USDA-CSRS-CGP-Competitive Grants Program	5/1/97 - 3/31/99	2118 \$149,456
Colorado Organizing for Children, Youth & Families at Risk (CO-CYFAR)	Love,Cathleen T Carroll,Jan B	Dean Of Applied Human Sciences USDA-CSRS-CGP-Competitive Grants Program	5/1/97 - 4/30/98	2118 \$185,000
Rocky Mountain Teacher Education Collaborative	Stein,Fredrick M Hartley,Nancy K	Dean Of Applied Human Sciences University of Northern Colorado	6/15/94 - 5/31/98	3454 \$143,141
Conservation Assessment Program (CAP)	Carlson,Linda L Blaesi,Lavon F	Design, Merch & Consumer Sci Nat Inst for Conserv of Cultural Prop	6/15/98 - 6/14/99	1028 \$3,100
Distance Learning Curriculum Planning	Dunbar,Brian H	Design, Merch & Consumer Sci DOI-NPS-National Park Service	7/1/97 - 9/30/97	1890 \$11,000
Curriculum Planning for Sustainable Practices Course	Dunbar,Brian H	Design, Merch & Consumer Sci DOI-NPS-National Park Service	3/24/98 - 6/15/98	2818 \$2,500
Exercise & Heart Rate Variability in Hypertensive Postmenopausal Women	Davy,Kevin	Exercise & Sport Science American Heart Association	8/15/97 - 12/31/97	5018 \$9,000
Influence of Regular Oat Consumption on Arterial Blood Pressure in Middle-Aged & Older...	Davy,Kevin Melby,Christopher L	Exercise & Sport Science Quaker Oats, Co.	12/1/97 - 10/31/99	6288 \$280,961
Aging, Energy & Nutrient Balance: Role of Skeletal Muscle	Davy,Kevin	Exercise & Sport Science HHS-PHS-Aging Research	2/15/97 - 1/31/98	7766 \$72,446
Diet & Exercise Effects in Obese Postmenopausal Women	Davy,Kevin	Exercise & Sport Science HHS-PHS-Aging Research	4/1/96 - 3/31/01	7767 \$96,109
Diet & Exercise Effects in Obese Postmenopausal Women	Davy,Kevin	Exercise & Sport Science HHS-PHS-Aging Research	4/1/96 - 3/31/01	7767 \$68,628
Reduction in Severity of Exercise- Induced Asthma with Low Sodium Diet	Gotshall,Robert W	Exercise & Sport Science USOC-United States Olympic Committee	1/1/98 - 12/31/98	5600 \$12,414
Arterial Stiffness & Systolic Hypertension in Older Adults	Gotshall,Robert W Davy,Kevin	Exercise & Sport Science HHS-PHS-Aging Research	6/15/98 - 5/31/99	7788 \$71,330
Effect of an Oral IGF-1 Secretagogue on Skeletal Muscle & Endocrine Adaptations to Resistance Exercise	Hickey,Matthew	Exercise & Sport Science Experimental and Applied Sciences, Inc.	5/1/98 - 8/30/98	6311 \$35,586
Evaluation of an Instructional Elementary School Model to Achieve 5-A Day Outcomes	Auld,Garry W	Food Science & Human Nutrition Colorado Dept Public Health & Environ	10/1/97 - 9/30/98	0221 \$40,857
Evaluation of Two Instructional Elementary School Models to Achieve 5-a-Day...	Auld,Garry W	Food Science & Human Nutrition Colorado Dept Public Health & Environ	10/1/97 - 9/30/98	0236 \$40,857

Applied Human Sciences - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Food Stamp Nutrition Education Program Integrated Nutrition Program	Auld,Garry W	Food Science & Human Nutrition University of Colorado Health Sci Ctr	10/1/97 - 9/30/98	0243 \$18,530
Essential Fatty Acid & Prostaglandin Analyses	Harris,Mary A	Food Science & Human Nutrition University of Connecticut	10/20/96 - 6/30/97	1316 \$1,480
Vacuum Processing of Wheat in Space	Stone,Martha B Maga,Joseph A Phillips,Robert W	Food Science & Human Nutrition NASA-Johnson Space Center	9/1/96 - 8/31/98	1934 \$22,000
DARE To Be You Head Start Consortium	Macphee,David L Fritz,Janet J	Human Dev & Family Studies HHS-NIH-Rehabilitation Services Admin.	9/30/95 - 9/29/98	4463 \$150,000
Colorado Elderhostel	Yang,Raymond K Rastall,Jan M	Human Dev & Family Studies Elderhostel	7/1/95 - 6/30/97	5050 \$49,096
Colorado Elderhostel	Yang,Raymond K Rastall,Jan M	Human Dev & Family Studies Elderhostel	7/1/95 - 6/30/98	5050 \$728
Feasibility Study for Performance & Redesign of Masterguard Corp Residential Fire...	Grosse,Larry W Smith,Charles W Sigmon,Brent Alan	Mfg Tech & Constr Mgmt MasterGuard Corporation	1/1/98 - 8/31/98	6310 \$76,957
Colorado State Architectural Conservation Initiative & Costilla County Courthouse...	Murphy,John D	Mfg Tech & Constr Mgmt Colo Dept Higher Educ-Historical Society	7/1/97 - 1/31/99	0091 \$100,000
National Center for Vehicle Emissions Control & Safety Grant	Wolff,Birgit H Sutton,John R	Mfg Tech & Constr Mgmt Environmental Protection Agency	9/1/94 - 12/31/97	5840 \$9,287
National Center for Vehicle Emissions Control & Safety Grant	Wolff,Birgit H Sutton,John R	Mfg Tech & Constr Mgmt Environmental Protection Agency	9/1/94 - 12/31/97	5840 \$29,225
On-Board Diagnostic Project	Wolff,Birgit H	Mfg Tech & Constr Mgmt EPA-Surveys, Studies, Investigations	11/1/97 - 12/31/98	5858 \$800,000
Extending a Performance Evaluation for Gerontology	Fisher,Anne G	Occupational Therapy HHS-PHS-Aging Research	9/30/93 - 3/31/01	7786 \$231,757
Students' Entrepreneurial Education Research Project (SEERP)	Gliner,Jeffrey A Sample,Pat L	Occupational Therapy DE-Special Education-Innovation & Devlpm	9/1/95 - 8/31/98	4201 \$141,106
Training Grant - Workshop & Education Materials Development	Grady,Ann P	Occupational Therapy University of Colorado Health Sci Ctr	7/1/96 - 6/30/98	4009 \$26,976
Employment Retention Project	Sample,Pat L	Occupational Therapy Colorado Division of Rehabilitation	10/1/97 - 12/31/97	0982 \$25,790
Care Access & Life Outcomes following Traumatic Brain Injury: A Multicultural &...	Sample,Pat L	Occupational Therapy HHS-CDC-Environ. Hlth & Injury Control	9/1/95 - 8/31/98	7703 \$39,347

Applied Human Sciences - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Bridges to Productive Adult Outcomes (Bridges)	Schelly,Catherine L Kothe,Julia M	Occupational Therapy DE-Special Projects & Demonstr./Voc Rehb	10/1/96 - 9/30/99	4213 \$189,959
Community Integrated Employment/ Partnerships in Employment through Natural...	Schelly,Catherine L	Occupational Therapy Foothills Gateway Rehabilitation Center	7/1/97 - 6/30/98	5178 \$187,431
Transition to Community Employment	Schelly,Catherine L	Occupational Therapy Larimer County	1/1/98 - 12/31/98	5608 \$8,352
Village School Vocational Class	Schelly,Catherine L	Occupational Therapy Poudre School District R-1	2/2/98 - 1/22/98	5611 \$22,935
Development & Delivery of Assistive Technology Training	Scott,Erin E Roll,Marla C	Occupational Therapy Poudre R-1	1/1/98 - 5/31/98	5370 \$6,223
Transition System Project	Cobb,R Brian Thomson,Alexander D	School Of Education Colorado Department of Education	7/1/97 - 6/30/98	0076 \$72,500
Development of Performance Based Transcripts	Cobb,R Brian	School Of Education CCHE-Commission on Higher Education	7/1/97 - 6/30/98	0124 \$8,000
Evaluation of the Education Program - MSCD Lab School at Lookout Mountain Youth...	Cobb,R Brian	School Of Education Colorado Department of Human Service	11/1/97 - 8/31/98	0214 \$29,151
National Transition Network Project	Cobb,R Brian	School Of Education University of Minnesota	10/1/97 - 9/30/98	4010 \$34,004
NEW WAYS	Deniston,Terry L Sample,Pat L	School Of Education Colorado Department of Human Service	4/11/97 - 9/30/98	0044 \$15,000
Thailand Skills Development Project	Feller,Richard I	School Of Education CID-Consortium for Inter. Development	3/1/98 - 2/28/00	9227 \$116,681
Career, Labor Market & Equity Clearinghouse	Feller,Richard W	School Of Education C.D. of Ed./Comm. College & Occup. Ed.	7/1/97 - 6/30/98	0043 \$60,000
Project F.O.C.U.S.	Ginsberg,Richard	School Of Education C.D. of Ed./Comm. College & Occup. Ed.	7/1/97 - 6/30/98	0061 \$60,000
Critical Issues Work	Ginsberg,Richard	School Of Education Colorado Partnership/Educational Renewal	7/1/97 - 6/30/98	5181 \$10,000
Tech Prep Technical Assistance	Gloeckner,Gene Lyons,Linda M	School Of Education C.D. of Ed./Comm. College & Occup. Ed.	7/1/97 - 6/30/98	0042 \$40,000
Human Relations Training Development	Griego,Orlando	School Of Education Piton Foundation	7/1/97 - 6/30/98	5450 \$9,600
Vocational Credentialing & Testing Services	Hollingsworth,Jay E	School Of Education C.D. of Ed./Comm. College & Occup. Ed.	7/1/97 - 6/30/98	0062 \$64,393

Applied Human Sciences - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Vocational Credentialing	Hollingsworth,Jay E	School Of Education CCHE-Commission on Higher Education	7/1/97 - 6/30/98	0114 \$15,000
Vocational Credentialing	Hollingsworth,Jay E	School Of Education Colorado Department of Higher Education	7/1/98 - 6/30/99	0262 \$15,000
Transition to Adulthood Systems Change Project	Lehmann,Jean P	School Of Education Black Hills Spec. Svcs. Coop of S Dakota	6/1/96 - 9/30/98	4001 \$20,000
Aiming for the Future	Lehmann,Jean P	School Of Education DE-Dept. of Devel. Post-Secondary	11/1/96 - 10/31/99	4209 \$114,957
Even Start Program	Love,Cathleen T	School Of Education Poudre R-1	7/1/94 - 6/30/98	5301 \$18,142
Standards Alignment through Partnership	Mantle-Bromley,Corinne	School Of Education CCHE-Commission on Higher Education	7/1/97 - 6/30/98	0117 \$49,930
Critical Issues Work (Eisenhower)	Mantle-Bromley,Corinne	School Of Education Colorado Partnership/Educational Renewal	10/1/96 - 9/30/97	5183 \$20,380
Critical Issues Work (Eisenhower)	Mantle-Bromley,Corinne	School Of Education Colorado Partnership/Educational Renewal	10/1/97 - 9/30/98	5186 \$6,355
Critical Issues Work (Eisenhower)	Mantle-Bromley,Corinne	School Of Education Colorado Partnership/Educational Renewal	10/1/97 - 9/30/98	5186 \$16,373
Preparing Service Learning Educators for the Year 2000	Mcwhorter,Barbara A Paccione,Angela Richburg,Robert W	School Of Education Colorado Department of Education	1/1/98 - 12/31/98	0249 \$10,000
Program of Excellence	Richburg,Robert W	School Of Education CCHE-Commission on Higher Education	7/1/97 - 6/30/98	0115 \$94,000
High Plains Intermountain Center for Agricultural Health & Safety (HICAHS)	Buchan,Victoria	Social Work HHS-CDC-Occup Safety & Health (NIOSH)	9/30/97 - 9/29/98	7776 \$70,677
Animal Assisted Therapy & Activity Programs	Sheafor,Bradford W	Social Work Dr. Scholl Foundation	1/1/98 - 12/31/98	5455 \$10,000

Business - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Workshop: Communication Across the Curriculum	Jankovich,Jackie L	Business College	7/1/97 -	0120
	Van Leuven,James K	CCHE-Commission on Higher Education	6/30/98	\$7,482
Juvenile Seat Belt Study	Francis,G James	Inst For Transportation Mgt	10/1/97 -	0211
		Colorado Department of Transportation	9/30/98	\$17,982
Juvenile Seat Belt & Car Seat Study	Francis,G James	Inst For Transportation Mgt	6/1/98 -	0265
		Colorado Department of Transportation	9/30/98	\$17,982
Tribal Technical Assistance Program	Francis,G James	Inst For Transportation Mgt	1/1/98 -	1026
		Hall,Ronald C	DOT-Federal Highway Administration	12/31/98
Tribal Technical Assistance Program	Francis,G James	Inst For Transportation Mgt	1/1/98 -	1027
		Hall,Ronald C	DOT-Federal Highway Administration	12/31/98
Colorado State Seatbelt Usage Study	Hivner,Walter	Inst For Transportation Mgt	6/8/98 -	0266
		Colorado Department of Transportation	9/30/98	\$49,885
Leadership Development Institute Program - Phase III	Kaman,Vicki S	Inst For Transportation Mgt	1/12/98 -	0246
		Colorado Department of Transportation	3/12/98	\$11,756
Communication Audit	Lemay,Elaine A	Management	10/28/97 -	6277
	Jankovich,Jackie L	Schlumberger Dowell	2/1/98	\$9,160
Communication Training for Managers	Lemay,Elaine A	Management	3/1/98 -	6309
		Jankovich,Jackie L	Schlumberger Dowell	4/1/98
Teen Institute & Communication Campaign for Adolescent Females	Kelly,Kathleen J	Marketing	9/30/95 -	4415
		HHS-SAMHSA-CSAP-Ctr Substance Abuse Prvn	11/30/97	\$89,170
The Effect of Tombstone Advertisements on Selling Beer & Tobacco	Kelly,Kathleen J	Marketing	7/1/97 -	5443
		Robert Wood Johnson Foundation	12/31/99	\$105,270
The Effect of Tombstone Advertisements on Selling Beer & Tobacco	Kelly,Kathleen J	Marketing	7/1/97 -	5443
		Robert Wood Johnson Foundation	12/31/99	\$199,640

Engineering - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Application of a Tracer Technique to Study Sulfur Dioxide Oxidation in Cloud Drops as..	Collett, Jeffrey L. Jr	Atmospheric Science NSF-GEO-Geosciences	12/15/97 - 11/30/99	3299 \$176,975
Large Eddy Simulation of Cirrus Clouds	Cotton, William R	Atmospheric Science NASA-Langley Research Center	5/1/98 - 4/30/99	1984 \$17,000
Modeling & Analysis of Convective Storms	Cotton, William R	Atmospheric Science NSF-GEO-Geosciences	3/1/95 - 2/28/99	3079 \$296,055
Simulations of Cloud/Radiative Responses to Variations in Cloud Condensation Nuclei	Cotton, William R	Atmospheric Science NSF-GEO-Geosciences	5/1/96 - 4/30/99	3136 \$102,000
Field Program Travel & Deployment Expenses	Cox, Stephen K	Atmospheric Science NASA-Goddard	4/1/98 - 3/31/01	1980 \$115,943
Radiative Significance of Middle & Upper Tropospheric Clouds	Cox, Stephen K	Atmospheric Science NASA-Langley Research Center	4/1/98 - 3/31/99	1982 \$105,000
Observational & Modeling Studies in Support of the Atlantic Stratocumulus Transition..	Cox, Stephen K	Atmospheric Science DOD-NAVY-ONR-Office of Naval Research	3/1/91 - 4/30/99	2397 \$147,000
Significant Opportunities in Atmospheric Research & Science (SOARS) Scholarship -Janel Cobb	Cox, Stephen K	Atmospheric Science UCAR-NCAR-SOARS	8/15/96 - 12/31/98	3402 \$25,488
Freezing Characteristics of Soot/Sulfate Aerosols	Demott, Paul J Rogers, David C Kreidenweis-Dandy, Sonia M	Atmospheric Science Calif. Inst. of Tech/Jet Propulsion Lab	4/1/98 - 9/30/98	2721 \$67,539
Ice Formation Processes in Upper Tropospheric Conditions	Demott, Paul J Kreidenweis-Dandy, Sonia M Rogers, David C	Atmospheric Science NSF-GEO-Geosciences	1/15/97 - 12/31/98	3147 \$170,000
Atmosphere Biosphere Interactions	Denning, A Scott	Atmospheric Science NASA-Goddard	6/1/98 - 5/31/99	1988 \$25,000
Hurricane Inner Core & Outer Radius Structure & Maximum Potential Intensity	Gray, William M	Atmospheric Science NSF-GEO-Geosciences	2/15/97 - 1/31/00	3173 \$87,000
Climate Analysis & Extended Range Seasonal Prediction	Gray, William M	Atmospheric Science NSF-GEO-Geosciences	10/1/97 - 10/31/00	3184 \$134,261
The Fundamental Role of Day Versus Night Radiation Differences on the Diurnal...	Gray, William M	Atmospheric Science US Department of Energy	12/1/93 - 11/30/98	3808 \$110,000
Support for Hurricane Research at CSU	Gray, William M	Atmospheric Science Reinsurance Australia Corporation Limite	8/1/97 - 7/31/98	5193 \$40,000
Methods for Multi-Season & Longer Term Predictions of US Hurricane Landfall Probability	Gray, William M	Atmospheric Science Bermuda Biological Station for Research	6/1/97 - 5/31/98	5353 \$45,000

Engineering - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Convection & the Atmospheric Boundary Layer	Johnson,Richard H	Atmospheric Science NSF-GEO-Geosciences	6/1/97 - 6/30/00	3248 \$152,292
Convection & the Atmospheric Boundary Layer	Johnson,Richard H	Atmospheric Science NSF-GEO-Geosciences	6/1/97 - 6/30/00	3248 \$157,710
Homogeneous Freezing Nucleation at Upper Tropospheric Conditions	Kreidenweis-Dandy,Sonia M Chen,Yalei	Atmospheric Science NASA-Goddard	9/1/97 - 8/31/98	1901 \$22,000
Experimental Studies of the Factors Controlling the Water Nucleating Ability of Atmospheric...	Kreidenweis-Dandy,Sonia M Brechtel,Fredrick J	Atmospheric Science Environmental Protection Agency	9/1/95 - 8/31/97	5850 \$8,616
Report Describing the Snowfall & Snow Pack Density for the Western United States	Mckee,Thomas B	Atmospheric Science DOI-Bureau of Reclamation	7/31/97 - 9/30/98	1725 \$15,000
Dynamical Studies in Hurricane Intensity Change	Montgomery,Michael T	Atmospheric Science DOD-NAVY-ONR-Office of Naval Research	3/1/93 - 12/31/98	2447 \$311,604
Theoretical Studies in Non-Axisymmetric Vortex Adjustment & an Observational Examination...	Montgomery,Michael T	Atmospheric Science NSF-GEO-Geosciences	4/1/98 - 3/31/01	3517 \$99,276
Coupling Atmospheric, Ecologic, & Hydrologic Processes in a Regional Climate Model	Pielke,Roger A Liston,Glen E	Atmospheric Science National Aeronautics & Space Admin.	3/2/98 - 3/1/99	1978 \$123,859
Projecting Climate & Vegetation Change for the Central Grasslands Biogeographic Region...	Pielke,Roger A Kittel,Timothy	Atmospheric Science DOI-NPS-National Park Service	5/1/93 - 4/1/99	2866 \$31,000
Climate Change in the Colorado Rocky Mountains: Bounding Projected Changes in Region..	Pielke,Roger A Kittel,Timothy	Atmospheric Science DOI-NPS-National Park Service	8/1/93 - 3/31/99	2867 \$65,000
A Regional Assessment of Land Use Effect on Ecosystem Structure & Function...	Pielke,Roger A	Atmospheric Science EPA-Environmental Education Grants	10/1/96 - 9/30/99	5856 \$143,322
Interdisciplinary Science Investigation of Clouds & the Earth's Radiant Energy System	Randall,David A	Atmospheric Science NASA-Langley Research Center	5/3/91 - 10/31/98	1952 \$77,232
Biosphere-Atmosphere Interactions - A Study of the Energy, Water & Carbon Cycles	Randall,David A	Atmospheric Science NASA-Goddard	11/1/91 - 12/31/99	1961 \$145,300
Analysis of the Diurnal Cycle of Precipitation & Its Relation to Cloud Forcing Using ...	Randall,David A Fowler,Laura Dorothy	Atmospheric Science NASA - Nat'l Aeronautics & Space Admin.	7/1/97 - 6/30/00	1967 \$119,000
Analysis of the Diurnal Cycle of Precipitation & Its Relation to Cloud Forcing Using ...	Randall,David A Fowler,Laura Dorothy	Atmospheric Science National Aeronautics & Space Admin.	7/1/97 - 6/30/98	1967 \$119,534
Interaction of the Cloudy Arctic Boundary Layer with Variable Surface Conditions & ...	Randall,David A	Atmospheric Science NASA-Langley Research Center	5/1/98 - 4/30/99	1985 \$75,000
Global & Regional Modeling of the Atmospheric Hydrological Cycle Using Water Vapor...	Randall,David A	Atmospheric Science Calif. Inst. of Tech/Jet Propulsion Lab	11/18/96 - 9/30/99	2715 \$33,936

Engineering - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Mixed Layer Processes & Parameterization in High Resolution Ocean Models	Randall,David A Jensen,Tommy G	Atmospheric Science DOE - US Department of Energy	2/1/96 - 1/31/99	3810 \$75,000
Use of ARM Data to Develop & Test Improved Cloud Parameterization for Use in...	Randall,David A	Atmospheric Science US Department of Energy	12/1/94 - 1/31/01	3822 \$225,000
Clouds & Ocean-Atmosphere Interactions in the Pacific Basin	Randall,David A Jensen,Tommy G	Atmospheric Science US Department of Energy	9/15/95 - 9/14/98	3865 \$178,000
Development of a Next-Generation Atmospheric General Circulation Model	Randall,David A	Atmospheric Science DOE-Basic Energy Sci / Univ & Sci Educ	5/1/98 - 4/30/01	3872 \$147,000
Studies of Ice Nucleating Aerosol Particles in Arctic Cloud Systems	Rogers,David C Demott,Paul J Kreidenweis-Dandy,Sonia M	Atmospheric Science NASA-Langley Research Center	3/1/98 - 2/28/01	1981 \$96,906
Relations Between Ice Nuclei and Ice Formation in Clouds	Rogers,David C Demott,Paul J Kreidenweis-Dandy,Sonia M	Atmospheric Science NSF-GEO-Geosciences	1/15/98 - 12/31/00	3281 \$113,967
Validation Studies & Algorithm Refinement in Support of TRMM	Rutledge,Steven A Stephens,Graeme L	Atmospheric Science NASA - Nat'l Aeronautics & Space Admin.	6/1/97 - 5/31/00	1962 \$127,000
Validation Studies & Algorithm Refinement in Support of TRMM	Rutledge,Steven A Stephens,Graeme L	Atmospheric Science National Aeronautics & Space Admin.	6/1/97 - 5/31/98	1962 \$23,000
Improving Nexrad-Based Estimates of Precipitation Rates & Hydrometeor Classification	Rutledge,Steven A Bringi,Viswanathan N Chandrasekar,V	Atmospheric Science NSF-GEO-Geosciences	9/1/96 - 8/31/99	3091 \$110,000
The CSU-CHILL Radar Facility	Rutledge,Steven A Bringi,Viswanathan N Cox,Stephen K	Atmospheric Science NSF-GEO-Geosciences	5/1/95 - 4/30/00	3157 \$40,000
Dynamical & Electrical Studies of Convection	Rutledge,Steven A	Atmospheric Science NSF-GEO-Geosciences	3/1/98 - 2/28/01	3293 \$117,709
Tropical Tropospheric Dynamics	Schubert,Wayne H	Atmospheric Science NSF - National Science Foundation	3/15/98 - 2/28/01	3522 \$123,950
Ground Truth Research & Algorithm Development in Support of TRMM	Stephens,Graeme L Rutledge,Steven A	Atmospheric Science NASA-Goddard	9/1/94 - 2/28/98	1911 \$30,000
Retrieval of Cirrus Cloud Microphysical & Radiative Properties from Multispectral MODIS...	Stephens,Graeme L DRUMMOND,CHARLES J	Atmospheric Science National Aeronautics & Space Admin.	9/1/96 - 8/31/98	1933 \$22,000
Water Vapor in the Climate System	Stephens,Graeme L Vonderhaar,Thomas H	Atmospheric Science National Aeronautics & Space Admin.	11/1/96 - 10/31/99	1935 \$300,000

Engineering - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Assessing the Impact of Remote Sensing Data on the Cloudiness Predictions in Short...	Stephens,Graeme L	Atmospheric Science National Aeronautics & Space Admin.	11/1/97 - 10/31/98	1950 \$189,932
A New Approach to the Remote Sensing of Cirrus Clouds Parameters	Stephens,Graeme L	Atmospheric Science NASA-Langley Research Center	5/8/98 - 5/7/99	1983 \$22,000
GEWEX Cloud & Radiation Mission	Stephens,Graeme L	Atmospheric Science Calif. Inst. of Tech/Jet Propulsion Lab	10/2/97 - 5/31/99	2702 \$64,029
GEWEX Cloud & Radiation Mission	Stephens,Graeme L	Atmospheric Science Calif. Inst. of Tech/Jet Propulsion Lab	10/2/97 - 6/1/98	2702 \$25,000
Clouds & Water Vapor in the Climate System: RPA & Satellites	Stephens,Graeme L	Atmospheric Science Harvard University	7/1/96 - 6/30/98	2714 \$87,971
A Modeling & Remote Sensing Study of the Radiative Heating of Clouds in Support of ARM	Stephens,Graeme L Gabriel,Philip Mitri	Atmospheric Science US Department of Energy	12/1/93 - 11/30/98	3807 \$190,000
An ARM Spectrally Scanning Radiometer (ASSR) for Measuring Solar Fluxes & Radiances	Stephens,Graeme L Mccoy,Robert F Jr	Atmospheric Science DOE-Office of Energy Research	1/1/97 - 12/31/99	3818 \$178,526
The Use of Lidar/Radiometer (LIRAD) In The ARM Program to Obtain Optical...	Stephens,Graeme L	Atmospheric Science DOE-Office of Energy Research	3/1/98 - 2/28/99	3868 \$110,000
Scanning Spectral Polarimeter	Stephens,Graeme L	Atmospheric Science Sandia Corporation/Sandia National Lab.	7/20/94 - 6/30/99	3957 \$45,629
Scanning Spectral Polarimeter	Stephens,Graeme L	Atmospheric Science Sandia Corporation/Sandia National Lab.	7/20/94 - 6/30/98	3957 \$30,944
Shortwave Intensive Operating Period (IOP)	Stephens,Graeme L	Atmospheric Science Battelle Memorial Institute	8/13/97 - 3/31/98	9335 \$23,000
The Colorado Bioprocessing Center	Batt,Brian C	Chemical & Biores Engineering CATI-Colo. Advanced Technology Institute	7/1/97 - 6/30/98	0070 \$320,000
Reactive Blending via Metal-ligand Coordination in Polymeric Complexes	Belfiore,Laurence A	Chemical & Biores Engineering NSF-MPS-Mathematical & Physical Sciences	4/1/96 - 3/31/00	3109 \$80,000
Reactive Blending via Metal-ligand Coordination in Polymeric Complexes	Belfiore,Laurence A	Chemical & Biores Engineering NSF-MPS-Mathematical & Physical Sciences	4/1/96 - 3/31/00	3109 \$17,994
Upgrading Cropflex to Windows	Broner,Israel	Chemical & Biores Engineering USDA-Agricultural Conservation Program	8/1/97 - 7/31/98	2075 \$25,000
Reactor Scale Modeling of Diamond Deposition in Microwave & Hot-filament Reactors	Dandy,David S	Chemical & Biores Engineering DOD-NAVY-NRL-Naval Research Lab	9/5/97 - 9/4/98	2436 \$86,813
Hydrologic Maps	Garcia,Luis	Chemical & Biores Engineering Colorado Division of Wildlife	1/1/98 - 6/30/98	0229 \$11,650

Engineering - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Consumptive Use Model	Garcia,Luis	Chemical & Biores Engineering Riverside Technology, Inc	3/1/95 - 10/31/97	6911 \$771
REU Supplement: Model Based Control of Dissolved Oxygen at Low Concentrations...	Karim,M Nazmul	Chemical & Biores Engineering NSF - Engineering Grant	8/15/96 - 7/31/00	3198 \$10,000
Inventorying & Monitoring Natural Resources Status & Trends in the National Park System	Loftis,Jim C Garcia,Luis	Chemical & Biores Engineering DOI-NPS-National Park Service	4/17/95 - 2/22/99	4159 \$50,000
Inventorying & Monitoring Natural Resources Status & Trends in the National Park System	Loftis,Jim C Garcia,Luis	Chemical & Biores Engineering DOI-NPS-National Park Service	4/17/95 - 2/22/99	4159 \$10,000
Inventorying & Monitoring Natural Resources Status & Trends in the National Park System	Loftis,Jim C Garcia,Luis	Chemical & Biores Engineering DOI-NPS-National Park Service	4/17/95 - 2/22/99	4159 \$6,000
Water Management Research	Loftis,Jim C	Chemical & Biores Engineering USDA-ARS-Agricultural Research Service	10/1/97 - 9/30/98	8036 \$135,298
Nonflowing Chemical Processing for Thin Film Manufacturing	McConica,Carol M Edwards,Harry W	Chemical & Biores Engineering NSF - Engineering Grant	10/1/97 - 9/30/99	3285 \$10,000
Nonflowing Chemical Processing for Thin Film Manufacturing	Mcconica,Carol M	Chemical & Biores Engineering Lucent Technologies, Inc.	10/1/97 - 9/30/99	5461 \$50,000
REU in Chemical Engineering Using the Colorado Bioprocessing Center	Murphy,Vincent G Batt,Brian C	Chemical & Biores Engineering NSF - Engineering Grant	2/1/96 - 1/31/99	3034 \$58,794
Sustainable Irrigation Development in Indonesia	Oad,Ramchand	Chemical & Biores Engineering CID-Consortium for Inter. Development	5/15/97 - 6/14/98	9226 \$11,950
Services of Terence Podmore	Podmore,Terence H	Chemical & Biores Engineering CID-Consortium for Inter. Development	10/31/97 - 12/15/97	9215 \$16,499
Rheometric & DSC Testing	Rakow,Allen L	Chemical & Biores Engineering Iams Company	6/1/98 - 5/31/99	6321 \$82,800
Bioremediation Technology in the Engineering Curriculum: Research Experiences...	Reardon,Kenneth F	Chemical & Biores Engineering NSF - Engineering Grant	1/1/96 - 8/31/99	3099 \$10,000
Bioremediation Technology in the Engineering Curriculum	Reardon,Kenneth F Murphy,Vincent G	Chemical & Biores Engineering NSF - Engineering Grant	9/15/95 - 8/31/99	3502 \$115,416
Bioremediation Technology in the Engineering Curriculum	Reardon,Kenneth F Murphy,Vincent G	Chemical & Biores Engineering NSF - Engineering Grant	9/15/95 - 8/31/98	3502 \$115,416
Integrated Research on Hazardous Waste Chemical Mixtures	Reardon,Kenneth F	Chemical & Biores Engineering HHS-PHS-Superfund Hazardous Substances	4/1/98 - 3/31/00	7798 \$128,259
Effective Communication & Utilization of National Weather Service Critical...	Adams,Christopher R Vonderhaar,Thomas H	Cira DOC-NOAA-Natl Oceanic & Atmospheric Admn	10/1/96 - 6/30/01	1214 \$89,220

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Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Predictability in Well Posed Regional Mesoscale Models	Browning,Gerald L	Cira DOD-USAF-Air Force	1/15/98 - 11/14/98	7303 \$135,488
Simulations of the Interaction Between Deep Convection & the Ocean Mixed Layer During...	Cotton,William R Pielke,Roger A Walko,Robert L	Cira DOC-NOAA-Natl Oceanic & Atmospheric Admn	2/11/97 - 6/30/01	1224 \$80,000
Precipitation & Sediment Transport in the Rio Puerco Basin	Cotton,William R Mckee,Thomas B Ramirez,Jorge A	Cira DOI-USGS-Geological Survey	9/15/97 - 9/30/98	1733 \$64,449
Assistance for Image Display Techniques & Data Analysis	Eis,Kenneth E	Cira DOI-NPS-National Park Service	9/1/97 - 12/31/98	1721 \$566,452
Assistance for Image Display Techniques & Data Analysis	Eis,Kenneth E	Cira DOI-NPS-National Park Service	5/18/98 - 12/31/98	2905 \$28,530
Impact of Enhanced Cloud Condensation Nucleus Concentrations on Microphysics...	Feingold,Graham	Cira DOC-NOAA-Natl Oceanic & Atmospheric Admn	7/1/96 - 6/30/01	1209 \$44,858
Modeling the Optical Properties of Collections of Large Numbers of Structured...	Fuller,Kirk A Kreidenweis-Dandy,Sonia M	Cira DOI-NPS-National Park Service	9/1/97 - 12/31/98	1724 \$55,312
Statistical Analyses Related to Air Quality & Atmospheric Visibility	Iyer,Hariharan K	Cira DOI-NPS-National Park Service	9/1/97 - 12/31/98	1707 \$92,292
Hydrologic Forecasting System Evaluation & Development Support	Johnson,Lynn Vonderhaar,Thomas H	Cira DOC-NOAA-Natl Oceanic & Atmospheric Admn	7/1/96 - 6/30/01	1215 \$62,178
Study of Large-Scale Motions, Boundary Layer Processes & Convective Parameterizations ...	Johnson,Richard H	Cira DOC-NOAA-Natl Oceanic & Atmospheric Admn	2/11/97 - 6/30/01	1222 \$110,000
Convective & Boundary-Layer Processes in the Vicinity of the S. China Sea...	Johnson,Richard H	Cira DOC-NOAA-Natl Oceanic & Atmospheric Admn	5/1/98 - 6/30/01	1234 \$65,000
Co-Instructor for the COMET Satellite Meteorology Course	Kidder,Stanley Q	Cira UCAR-NCAR-COMET Atmospheric Tech. Divis.	10/1/97 - 12/31/97	1112 \$7,322
Co-Instructor for the COMET Satellite Meteorology Courses	Kidder,Stanley Q	Cira UCAR-NCAR-COMET Atmospheric Tech. Divis.	1/26/98 - 4/27/98	1113 \$7,468
Development of Advanced Applications Products Using AMSU Data	Kidder,Stanley Q Vonderhaar,Thomas H	Cira DOC-NOAA-Natl Oceanic & Atmospheric Admn	12/1/97 - 6/30/01	1233 \$161,200
The Role of Clouds in the Relationship between Land Use/Land Cover & the Climate...	Kidder,Stanley Q	Cira NASA-Marshall Space Center	11/21/96 - 11/20/99	1936 \$56,760
Characterization of Particle Light Extinction at Grand Canyon National Park	Kreidenweis-Dandy,Sonia M Collett,Jeffrey L. Jr	Cira DOI-NPS-National Park Service	9/1/97 - 12/31/98	1717 \$99,732

Engineering - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Temperature, Precipitation & Wind Continuity with Automated Surface Observing System-ASOS	Mckee,Thomas B Doesken,Nolan J	Cira DOC-NOAA-Natl Oceanic & Atmospheric Admn	10/1/96 - 6/30/01	1213 \$127,000
Parameterizing Subgrid-scale Snow-cover Heterogeneities for use in Regional & Global...	Pielke,Roger A Liston,Glen E	Cira DOC-NOAA-Natl Oceanic & Atmospheric Admn	7/1/97 - 6/30/01	1229 \$65,000
Further Analysis of the Shipboard Radar Data from COARE: Rainfall, Convective Organization	Rutledge,Steven A	Cira DOC-NOAA-Natl Oceanic & Atmospheric Admn	5/23/97 - 6/30/01	1226 \$110,000
Analysis & Modeling of the Transport of Lightning-generated NOx & Other Chemical...	Rutledge,Steven A	Cira DOC-NOAA-Nat Climate Program Office	7/1/97 - 6/30/00	1231 \$55,091
Influence of the Tropical Western Pacific on Climate Dynamics	Schubert,Wayne H	Cira DOC-NOAA-Natl Oceanic & Atmospheric Admn	2/11/97 - 6/30/01	1223 \$103,000
Receptor Modeling in Support of Project MOHAVE	Sisler,James F Vonderhaar,Thomas H	Cira DOC-NOAA-Natl Oceanic & Atmospheric Admn	7/1/97 - 6/30/01	1230 \$100,000
A Multisensor Satellite Study of Upper Tropospheric Water Vapor & Clouds	Stephens,Graeme L	Cira DOC-NOAA-Natl Oceanic & Atmospheric Admn	7/1/96 - 6/30/01	1207 \$80,000
UCAR Hydrometeorologist for COMET	Vonderhaar,Thomas H Kelsch,Matthew	Cira UCAR-NCAR-COMET Atmospheric Tech. Divis.	4/1/97 - 9/30/98	1111 \$29,733
Cooperative Institute for Research	Vonderhaar,Thomas H	Cira DOC-NOAA-Natl Oceanic & Atmospheric Admn	7/1/96 - 6/30/01	1201 \$205,000
Environmental Applications Research	Vonderhaar,Thomas H	Cira DOC-NOAA-Natl Oceanic & Atmospheric Admn	7/1/96 - 6/30/01	1202 \$1,663,183
Evaluation of NEXRAD Doppler Weather Radar Algorithms & Mesoscale Analysis &...	Vonderhaar,Thomas H	Cira DOC-NOAA-Natl Oceanic & Atmospheric Admn	7/1/96 - 6/30/01	1202 \$3,146,303
Air-Sea Interaction Remote Sensing Processes	Vonderhaar,Thomas H Frisch,Alfred S	Cira DOC-NOAA-Natl Oceanic & Atmospheric Admn	6/19/96 - 6/30/01	1204 \$49,913
Air-Sea Interaction Remote Sensing Processes	Vonderhaar,Thomas H Frisch,Alfred S	Cira DOC-NOAA-Natl Oceanic & Atmospheric Admn	6/19/96 - 6/30/01	1204 \$49,913
International Satellite Cloud Climatology Project Sector Processing Center for GOES...	Vonderhaar,Thomas H	Cira DOC-NOAA-Natl Oceanic & Atmospheric Admn	7/1/96 - 6/30/01	1210 \$192,000
CIRA Activities & Participation in DMSP Satellite Processing & Analysis	Vonderhaar,Thomas H Eis,Kenneth E	Cira DOC-NOAA-Natl Oceanic & Atmospheric Admn	7/1/96 - 6/30/01	1211 \$38,600
Very High Resolution Gridded Meteorological Forecast Development	Vonderhaar,Thomas H Browning,Gerald L	Cira DOC-NOAA-Natl Oceanic & Atmospheric Admn	7/1/96 - 6/30/01	1220 \$142,930
Severe Weather Research	Vonderhaar,Thomas H Purdom,James F	Cira DOC-NOAA-Natl Oceanic & Atmospheric Admn	7/1/96 - 6/30/01	1221 \$146,000

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Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
CIRA Activities & Participation in the GOES I-M Product Assurance Plan	Vonderhaar, Thomas H	Cira DOC-NOAA-Natl Oceanic & Atmospheric Admn	10/1/96 - 6/30/01	1225 \$600,000
Funds for Satellite Data Reception & Analysis Support	Vonderhaar, Thomas H	Cira DOC-NOAA-Natl Oceanic & Atmospheric Admn	10/1/96 - 6/30/01	1227 \$75,000
GOES Science Improvements	Vonderhaar, Thomas H	Cira DOC-NOAA-Natl Oceanic & Atmospheric Admn	8/1/97 - 12/31/01	1232 \$150,000
GIMPAP Development for Support of the Virtual Institute for Satellite Integration Training	Vonderhaar, Thomas H	Cira DOC-NOAA-Natl Oceanic & Atmospheric Admn	1/1/98 - 6/30/01	1235 \$300,000
Development of an Ocean Model Based Upon the Reduced System of Equations	Vonderhaar, Thomas H	Cira DOD-NAVY-ONR-Office of Naval Research	10/1/91 - 9/30/99	2413 \$105,000
Detection of Lower Tropospheric Aerosols & Cloud Parameters from GLI Sensor Data	Vonderhaar, Thomas H	Cira NASDA-Nat. Space Dev. Agency of Japan	1/8/97 - 12/31/98	5150 \$27,000
A Physical Approach to Derive Integrated Water Vapor & Cloud Liquid Water from AMSR...	Vonderhaar, Thomas H	Cira NASDA-Nat. Space Dev. Agency of Japan	1/8/97 - 12/31/98	5151 \$24,000
Methodologies for Design of Soil Covers for Waste Disposal Sites	Abt, Steven R	Civil Engineering Nuclear Regulatory Commission	1/29/91 - 12/31/97	1002 \$37,516
Development of Erosion Protection Guidance Nureg	Abt, Steven R	Civil Engineering Nuclear Regulatory Commission	5/27/98 - 9/30/98	1033 \$9,928
Review of Uranium Recovery Facility Reclamation Plans	Abt, Steven R	Civil Engineering Southwest Research Institute	5/27/98 - 3/30/99	1059 \$19,800
Uniform Test Procedures for Block Products: Test Development & Evaluation	Abt, Steven R Watson, Chester C	Civil Engineering DOD-ARMY-Corps of Engineers	3/1/96 - 9/30/98	2594 \$37,300
Glenn-Colusa Irrigation District (GCID) Model Study	Abt, Steven R Brisbane, Thomas E	Civil Engineering Ayres Associates	7/21/97 - 8/14/98	2625 \$9,377
Glenn-Colusa Irrigation District (GCID) Model Study	Abt, Steven R Brisbane, Thomas E	Civil Engineering Ayres Associates	7/21/97 - 10/13/97	2625 \$55,618
Glenn-Colusa Irrigation District (GCID) Model Study	Abt, Steven R Brisbane, Thomas E	Civil Engineering Ayres Associates	7/21/97 - 8/14/98	2625 \$95,894
Dam Foundation Erosion Study	Abt, Steven R Ruff, James F	Civil Engineering DOI-Bureau of Reclamation	5/19/95 - 6/30/98	4151 \$15,000
Dam Foundation Erosion Study	Abt, Steven R Ruff, James F	Civil Engineering DOI-Bureau of Reclamation	5/19/95 - 6/30/98	4151 \$11,500
Pima Road 3 Basin Project--The Behavior of an Energy Dissipating Structure Under Flow...	Abt, Steven R Thornton, Christopher I	Civil Engineering Stantech Consulting	7/28/97 - 9/19/97	6262 \$40,604

Engineering - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Tensor Block Testing	Abt,Steven R	Civil Engineering	8/11/97 -	6264
	Thornton,Christopher I	Ayres Associates	9/30/98	\$4,280
Tensor Block Testing	Abt,Steven R	Civil Engineering	8/11/97 -	6264
	Thornton,Christopher I	Ayres Associates	10/30/97	\$37,530
Platte River Hydraulic Model Study	Abt,Steven R	Civil Engineering	12/1/97 -	6285
	Brisbane,Thomas E	Love & Associates, Inc.	8/31/98	\$62,500
	Thornton,Christopher I			
Seacliff Pump Station Model	Abt,Steven R	Civil Engineering	4/1/98 -	6307
	Brisbane,Thomas E	Hanson, Bridgett, Marcus, Vlahos & Ru...	12/31/98	\$38,200
Bedload Transport Processes in Gravel-Bed Rivers	Abt,Steven R	Civil Engineering	4/26/96 -	8760
		USDA-USFS-Rocky Mtn. Rsrch Station - CO	3/31/99	\$47,528
IPA for Bogusz Bienkiewicz	Bienkiewicz,Bogusz J	Civil Engineering	8/15/97 -	1009
		DOT-Federal Highway Administration	5/14/98	\$67,920
FHWA Purchase Order	Bienkiewicz,Bogusz J	Civil Engineering	5/15/98 -	1024
		DOT-Federal Highway Administration	8/14/98	\$36,387
A Partnership for the Advancement of Knowledge in the Area of Space Launch Systems &...	Brower,Timothy L	Civil Engineering	3/31/97 -	2620
		Lockheed Corporation *	12/31/97	\$8,015
A Partnership for the Advancement of Knowledge in the Area of Space Launch Systems &...	Brower,Timothy L	Civil Engineering	3/31/97 -	2621
		Lockheed Corporation *	12/31/97	\$6,375
A Partnership for the Advancement of Knowledge in the Area of Space Launch Systems & Space Fluid...	Brower,Timothy L	Civil Engineering	1/1/98 -	2626
		Lockheed Corporation *	12/31/98	\$17,423
Passive Viscoelastic Damping Systems	Cermak,Jack E	Civil Engineering	1/1/94 -	6873
		3-M Corporation	12/31/99	\$12,500
CANLEX Blasting Experiment Summer 1997	Charlie,Wayne A	Civil Engineering	10/1/97 -	3272
		NSF - Engineering Grant	9/30/98	\$20,000
An Inflatable Module for Lunar/Mars Surface Facilities	Criswell,Marvin E	Civil Engineering	11/25/97 -	2718
		Orbital Technologies Corporation (ORBITE)	9/1/98	\$46,751
Development of an Integrated System of Flow Forecasting for the Maule R. Basin, Chile	Diaz,Gustavo Eugenio Salas,Jose D	Civil Engineering	11/15/96 -	5730
		Catholic University of Chile	3/31/98	\$7,594
Development of an Integrated System of Flow Forecasting for the Maule R. Basin, Chile	Diaz,Gustavo Eugenio Salas,Jose D	Civil Engineering	11/15/96 -	5730
		Catholic University of Chile	4/30/99	\$71,837
Snow Monitoring in the Maule River Basin	Diaz,Gustavo Eugenio	Civil Engineering	1/15/98 -	5736
		Colbun Machicura S.A.	3/15/98	\$42,588

Engineering - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Integrated Model for Optimization of Water Allocations	Diaz,Gustavo Eugenio	Civil Engineering USDA-USFS-Rocky Mtn. Rsrch Station - CO	5/16/94 - 3/1/99	8803 \$15,000
Water Quantity/Routing Model Development Klameth River Basin, Oregon & California	Flug,Marshall Fontane,Darrell G	Civil Engineering DOI-National Biological Survey	5/1/96 - 9/30/99	1833 \$76,000
Water Quantity/Routing Model Development Klameth River Basin, Oregon & California	Flug,Marshall Fontane,Darrell G	Civil Engineering DOI-National Biological Survey	5/1/96 - 9/30/99	1833 \$19,750
Ecology of Western Reservoirs	Fontane,Darrell G Bartholow,John M	Civil Engineering DOI-National Biological Survey	9/1/96 - 8/31/99	1832 \$25,701
Instructional/Educational Methodology: Specialized Training	Fontane,Darrell G	Civil Engineering Saudi Arabia-U.S. Joint Commission	6/8/98 - 5/31/99	5739 \$13,206
Instructional/Educational Methodology: Specialized Training	Fontane,Darrell G	Civil Engineering Saudi Arabia-U.S. Joint Commission	6/8/98 - 5/31/99	5739 \$28,121
Geographical Information Systems & Remote Sensing Systems Applications to Watershed & Sedimentation: Specialized Traini	Fontane,Darrell G	Civil Engineering Winrock International	6/2/98 - 12/20/98	5740 \$13,206
Analytical Services	Gates,Timothy K	Civil Engineering DOI-Bureau of Reclamation	8/13/96 - 11/30/97	1739 \$5,000
Development of Recommended Water Quality Criteria for Irrigation Under the South Platte Water Conservation...	Gates,Timothy K	Civil Engineering Northern Colorado Water Conservancy Dist	6/1/98 - 9/30/98	5616 \$33,430
Optimum Dimensions of Sediment Basin Preliminary Investigation	Gessler,Daniel	Civil Engineering DOD-ARMY-Corps of Engineers	9/8/97 - 2/7/98	2415 \$49,762
Numerical Model Study of Off Channel Sediment Storage Area	Gessler,Daniel	Civil Engineering DOD-ARMY-Corps of Engineers	10/14/97 - 1/31/98	2450 \$33,879
Numerical Model Study of Medora Crossing	Gessler,Daniel	Civil Engineering DOD-ARMY-Corps of Engineers	10/14/97 - 1/15/98	2451 \$31,101
Navigation Channel Widening at Crossings on Lower Mississippi	Gessler,Daniel	Civil Engineering DOD-ARMY-Corps of Engineers	12/22/97 - 4/21/98	7302 \$27,940
ADECA - Comprehensive Water Resources Study	Grigg,Neil S	Civil Engineering Alabama Dept. of Economic and Community	8/8/97 - 6/30/99	5051 \$250,000
Senior Technical Advisors in Residence (STAR)	Grigg,Neil S	Civil Engineering John Hopkins University	11/16/93 - 11/15/98	9026 \$149,097
Participation in TEL8 Telecommunications Network for Region 8	Gutkowski,Richard M	Civil Engineering North Dakota State University	7/1/97 - 6/30/98	1084 \$28,205

Engineering - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Local Management of Mountain Plains Consortium Programs	Gutkowski,Richard M	Civil Engineering North Dakota State University	7/1/97 - 6/30/98	1085 \$10,253
Full-Scale Lab Testing of a Timber Trestle Railroad (MPC Project)	Gutkowski,Richard M	Civil Engineering North Dakota State University	7/1/97 - 6/30/98	1086 \$32,296
Shear-key for Strengthening Bridge Decks (MPC Project)	Gutkowski,Richard M	Civil Engineering North Dakota State University	7/1/97 - 6/30/98	1087 \$21,186
Assessment of Condition of Steel Rail Related to Train Derailment (MPC Project)	Gutkowski,Richard M	Civil Engineering North Dakota State University	7/1/97 - 6/30/98	1088 \$17,477
NDE Field Assessment of Timber Railroad Bridges (MPC Project)	Gutkowski,Richard M	Civil Engineering North Dakota State University	7/1/97 - 6/30/98	1089 \$20,903
North Front Range Transportation Alternatives Feasibility (MPC Project)	Gutkowski,Richard M	Civil Engineering North Dakota State University	7/1/97 - 6/30/98	1090 \$19,047
Adaptive Wood Composting: Theory & Measurement	Heyliger,Paul R	Civil Engineering USDA-CSRS-CGP-Competitive Grants Program	9/15/97 - 9/30/99	1428 \$62,500
Impulse Excitation Apparatus for Anisotropic Material Characterization	Heyliger,Paul R	Civil Engineering NSF - Engineering Grant	6/1/98 - 5/31/00	3535 \$26,988
CCHE Space Center of Excellence	Jacobs,Harold R	Civil Engineering University of Colorado	7/1/97 - 6/30/98	0121 \$25,000
NASA Space Grant College & Fellowship Programs	Jacobs,Harold R	Civil Engineering University of Colorado	2/1/97 - 1/31/99	2717 \$54,000
NASA Space Grant College & Fellowship Programs	Jacobs,Harold R	Civil Engineering University of Colorado	2/1/97 - 1/31/98	2717 \$72,000
Review of L-Bar Sediment Analyses	Julien,Pierre Y	Civil Engineering Nuclear Regulatory Commission	5/27/98 - 9/30/98	1031 \$9,799
Cooperative Agreement for Technical Assistance in Water Resource Investigations	Julien,Pierre Y	Civil Engineering DOI-Bureau of Reclamation	11/21/96 - 9/30/02	1877 \$63,100
Cooperative Agreement for Hydrologic Model Development & Maintenance	Labadie,John W	Civil Engineering DOI-Bureau of Reclamation	3/17/97 - 9/30/01	1868 \$220,000
CSU/TTU Cooperative Wind Engineering Program	Meroney,Robert N	Civil Engineering National Science Foundation	3/14/97 - 12/31/99	3200 \$20,000
Acoustic Emission Monitoring for Non-Destructive Load Rating of Bridges	Peterson,Michael Gutkowski,Richard M	Civil Engineering North Dakota State University	7/1/96 - 12/31/97	1077 \$66,350
Water Management Education Program for Navajo Nation Water Users	Podmore,Terence H	Civil Engineering DOI-Bureau of Reclamation	10/1/97 - 9/30/98	2908 \$34,400

Engineering - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
REU: Undergraduate Research Opportunities in Water Resources	Ramirez,Jorge A Hannah,Judith L Smith,Danny H	Civil Engineering NSF - Engineering Grant	6/1/97 - 5/31/00	3162 \$76,639
Application of Statistical Dynamical Water Balance Model to Regional Scale Integrate...	Ramirez,Jorge A	Civil Engineering Tulane University	7/1/97 - 6/30/98	3915 \$73,520
Adapting the Complementary Relationship for Mountainous Areas of the U.S.	Ramirez,Jorge A	Civil Engineering USDA-USFS-Rocky Mtn. Rsrch Station - CO	6/30/97 - 7/1/99	8847 \$19,000
Dam Foundation Erosion Study	Ruff,James F	Civil Engineering DOI-Bureau of Reclamation	5/19/95 - 6/30/98	4143 \$17,268
Dam Foundation Erosion Study	Ruff,James F	Civil Engineering DOI-Bureau of Reclamation	5/19/95 - 6/30/98	4143 \$147,232
Field to Farm to Ecosystem Scale Decision Support Models	Salas,Jose D	Civil Engineering USDA-ARS-Agricultural Research Service	8/26/94 - 7/14/99	2002 \$99,115
Uncertainty & Risk Analysis Under Extreme Hydrologic Events	Salas,Jose D Boes,Duane C	Civil Engineering NSF - Engineering Grant	10/1/96 - 9/30/99	3113 \$88,315
GPSR - USDA/ARS Task Order for Dr. Ahuja & Dr. Dunn	Salas,Jose D	Civil Engineering USDA-ARS-Agricultural Research Service	10/1/97 - 9/30/98	8040 \$7,009
GPSR - USDA/ARS Task Order for Dr. Ahuja & Dr. Dunn	Salas,Jose D	Civil Engineering USDA-ARS-Agricultural Research Service	10/1/97 - 9/30/98	8040 \$7,806
GPSR - USDA/ARS Task Order for Dr. Ahuja & Dr. Dunn	Salas,Jose D	Civil Engineering USDA-ARS-Agricultural Research Service	10/1/97 - 9/30/98	8040 \$26,533
Quantification of Federal Reserved Water Rights for National Park Purposes	Sanders,Thomas G	Civil Engineering DOI-NPS-National Park Service	10/1/92 - 2/23/99	2860 \$177,200
Quantification of Federal Reserved Water Rights for National Park Purposes	Sanders,Thomas G	Civil Engineering DOI-NPS-National Park Service	10/1/92 - 2/23/99	2860 \$81,600
National Science Foundation - National Young Investigator Award	Shackelford,Charles D	Civil Engineering NSF - National Science Foundation	11/1/92 - 4/30/99	3352 \$20,000
Hydraulic Testing of Erosion Controls Materials for Field Applications	Thornton,Christopher I Abt,Steven R	Civil Engineering Hydrotex Synthetics, Inc.	4/15/98 - 12/31/98	6315 \$43,400
Operational/Management Technical Support Offpost Pump & Treat System	Warner,James W	Civil Engineering DOD-ARMY-Rocky Mountain Arsenal	6/14/96 - 9/30/97	2314 \$24,565
Identification of Alternatives for Long-term Operation of North Boundary System	Warner,James W	Civil Engineering DOD-ARMY-Rocky Mountain Arsenal	9/1/97 - 7/15/98	2438 \$176,100

Engineering - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
DEC Monitoring Sites 1996-1998	Watson,Chester C	Civil Engineering	12/22/95 -	2590
	Abt,Steven R	DOD-ARMY-Corps of Engineers	12/22/98	\$387,227
Flume Testing of A-Jacks	Watson,Chester C	Civil Engineering	10/1/97 -	6280
	Thornton,Christopher I	Armortec	10/30/98	\$98,000
	Abt,Steven R			
Geomorphic Assessment in Vicinity of Old River Complex	Watson,Chester C	Civil Engineering	2/12/98 -	7355
		DOD-ARMY-Corps of Engineers	7/31/98	\$10,000
Geomorphic Assessment in Vicinity of Old River Complex	Watson,Chester C	Civil Engineering	2/12/98 -	7355
		DOD-ARMY-Corps of Engineers	7/31/98	\$25,000
Geomorphic Assessment in Vicinity of Old River Complex	Watson,Chester C	Civil Engineering	2/12/98 -	7355
		DOD-ARMY-Corps of Engineers	9/30/98	\$5,200
Application for Financial Assistance/ Undergraduate Research Opportunities	Gessler,Johannes	Dean Of Engineering	1/1/98 -	3834
		US Department of Energy	12/31/98	\$68,309
Wavelet Domain Matched Filtering for Underwater Target Classification	Azimi-Sadjadi,Mahmood R	Electrical Engineering	10/1/97 -	2408
		DOD-NAVY-Naval Surface Warfare Center	9/30/98	\$20,000
Wavelet Domain Matched Filtering for Underwater Target Classification	Azimi-Sadjadi,Mahmood R	Electrical Engineering	10/1/97 -	2408
		DOD-NAVY-Naval Surface Warfare Center	9/30/98	\$20,209
Ka Band Propagation Studies Using ACTS Terminal & CSU-CHILL Radar	Bringi,Viswanathan N Turk,Francis J	Electrical Engineering	5/1/93 -	1977
		NASA-Lewis Research Center	3/31/99	\$88,772
Ka Band Propagation Studies Using ACTS Terminal & CSU-CHILL Radar	Bringi,Viswanathan N Turk,Francis J	Electrical Engineering	5/1/93 -	1977
		NASA-Lewis Research Center	3/31/98	\$45,813
Tropical Rainfall Measuring Mission Ground Validation	Chandrasekar,V	Electrical Engineering	7/1/97 -	2719
		University of Iowa	6/30/98	\$10,000
Behavioral Level Design Verifications Using Software Testing Techniques & Neural Networks	Chen,Thomas Wei	Electrical Engineering	8/1/96 -	3514
	Vonmayrhauser,Anneliese	NSF-CISE-Computer & Info Sci & Engin	7/31/99	\$9,993
	Anderson,Charles			
Defect Modeling of SRAM Modules	Chen,Thomas Wei	Electrical Engineering	10/1/97 -	6278
		Lucent Technologies, Inc.	9/30/98	\$35,000
Instructional & Laboratory Assistance to Hewlett Packard University	Chen,Thomas Wei	Electrical Engineering	6/11/98 -	6330
		Hewlett Packard *	8/30/98	\$15,000
Electron Beam Curing of Spin & Planarization of Spin-on Glass	Collins,George J	Electrical Engineering	9/1/97 -	3268
		NSF - Engineering Grant	8/31/00	\$100,418
Electron Beam Curing of Spin & Planarization of Spin-on Glass	Collins,George J	Electrical Engineering	9/1/97 -	3268
		NSF - Engineering Grant	8/31/00	\$99,793

Engineering - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Electron Beam Curing of Spin-on Glass	Collins,George J	Electrical Engineering NSF - Engineering Grant	6/1/98 - 8/31/98	3528 \$10,000
New Excitation Sources for Ultra High Quality Amorphous Semi Conducting Filters	Collins,George J	Electrical Engineering NEDO(New Energy/Indus. Tech. Dev. Org.)	2/1/97 - 1/31/98	6227 \$20,576
Robust, High-Speed WDM Networks	Jayasumana,M A Anura P Temkin,Henryk	Electrical Engineering DOD-ARPA-Advanced Research Proj. Agency	8/30/94 - 11/30/98	2515 \$100,000
Software for Integrated Network Communications Architecture	Jayasumana,M A Anura P	Electrical Engineering Mitech Corporation	10/1/96 - 7/15/98	6214 \$24,905
Fabrication of Diffractive Micro-Optics	Menoni,Carmen S	Electrical Engineering University of Colorado	7/1/97 - 6/30/98	0215 \$15,000
Micro-Optics Fabrication	Menoni,Carmen S	Electrical Engineering University of Colorado	2/1/98 - 6/30/98	0252 \$3,000
REU Career: Enhancement Plan - Research on Blue Semiconductor Lasers & Early Motivation...	Menoni,Carmen S	Electrical Engineering NSF - Engineering Grant	11/1/96 - 6/30/98	3236 \$10,000
Career: Enhancement Plan - Research on Blue Semiconductor Lasers & Early Motivation...	Menoni,Carmen S	Electrical Engineering NSF - Engineering Grant	7/1/95 - 6/30/99	3382 \$75,000
Career: Enhancement Plan - Research on Blue Semiconductor Lasers & Early Motivation...	Menoni,Carmen S	Electrical Engineering NSF - Engineering Grant	7/1/95 - 6/30/99	3382 \$100,000
Carrier Transport Effects on Compressively Strained InAsP Lasers	Menoni,Carmen S Robinson,Gary Y	Electrical Engineering NSF-MPS-Mathematical & Physical Sciences	6/1/98 - 5/31/01	3529 \$129,296
Fabrication of Diffractive Micro-Optics	Menoni,Carmen S	Electrical Engineering Ball Aerospace Systems *	7/1/97 - 6/30/99	6275 \$10,000
Volume Holographic Storage for Digital Data	Mitkas,Pericles A	Electrical Engineering University of Colorado	7/1/97 - 6/30/98	0217 \$15,000
Holographic Search Engine for Multimedia Databases	Mitkas,Pericles A	Electrical Engineering US Department of Defense	8/1/97 - 9/30/98	2402 \$98,168
Holographic Search Engine for Multimedia Databases	Mitkas,Pericles A	Electrical Engineering University of Colorado	5/1/97 - 4/30/98	3654 \$71,350
Two-dimensional Parallel Read-out of Optical Tape	Mitkas,Pericles A	Electrical Engineering Storage Technology Corporation *	7/1/94 - 6/30/98	6036 \$10,000
Understanding Back Contact	Robinson,Gary Y	Electrical Engineering Midwest Research Institute - NREL	11/2/97 - 11/1/99	9340 \$68,747
Aberration Corrected Optics	Rocca,Jorge J G	Electrical Engineering University of Colorado	7/1/97 - 6/30/98	0255 \$20,000

Engineering - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Basic Issues of the Dynamics & Radiation of Capillary Plasmas	Rocca,Jorge J G	Electrical Engineering	9/15/97 -	3176
		NSF - Engineering Grant	8/31/00	\$450,993
Basic Issues of the Dynamics & Radiation of Capillary Plasmas	Rocca,Jorge J G	Electrical Engineering	12/1/97 -	3385
		NSF - Engineering Grant	8/31/00	\$10,000
Optoelectronics REG	Rocca,Jorge J G	Electrical Engineering	5/1/97 -	3401
		University of Colorado	4/30/98	\$14,000
Towards Non-Linear Optics at Ultrashort Wavelengths	Rocca,Jorge J G	Electrical Engineering	5/1/97 -	3652
		University of Colorado	4/30/98	\$47,153
Polarization Switching & Multimode Dynamics in VCSELs	Rocca,Jorge J G	Electrical Engineering	5/1/97 -	3653
		University of Colorado	4/30/98	\$46,703
Diagnostics of Dense Plasmas with a Table-top Soft X-Ray Laser	Rocca,Jorge J G	Electrical Engineering	11/15/97 -	3867
		US Department of Energy	11/14/99	\$199,000
Short Pulse Laser Driven X-ray Lasers in Capillary Discharges	Rocca,Jorge J G	Electrical Engineering	5/14/97 -	5733
		MBI - Max Born Institute/Germany	11/13/98	\$6,772
Variable Space Gratings with Flat Field Focusing	Rocca,Jorge J G	Electrical Engineering	10/1/92 -	6007
		Hyperfine, Inc.	6/30/99	\$5,000
Optoelectronics Administration	Wilmsen,Carl W	Electrical Engineering	5/1/97 -	3650
		University of Colorado	4/30/98	\$97,336
Optoelectronics REU	Wilmsen,Carl W	Electrical Engineering	5/1/97 -	3651
		University of Colorado	8/31/97	\$9,902
Large Scale VCSEL Based Smart Pixels	Wilmsen,Carl W	Electrical Engineering	5/1/97 -	3655
		University of Colorado	4/30/98	\$60,250
Robust Learning Control with Application to Intelligent Building Systems	Young,Peter	Electrical Engineering	5/1/98 -	3532
		NSF - Engineering Grant	4/30/02	\$200,000
First Generation Microwave Sensor for Inspections of Thick Composite Joints	Zoughi,Reza	Electrical Engineering	2/13/97 -	2344
		DOD-NAVY-Naval Surface Warfare Center	5/12/97	\$24,500
Feasibility Study of Near-Field Microwave NDT Methodology for Rubber Hose Inspection...	Zoughi,Reza	Electrical Engineering	5/1/98 -	2628
		Texas Research Institute (NTIAC)	10/30/98	\$23,280
Microwave Sensor for Nondestructive & Non-Contact Estimation of Concrete Compressive Strength	Zoughi,Reza	Electrical Engineering	9/15/95 -	3531
		NSF - Engineering Grant	2/28/99	\$5,000
Portable Microwave System for Measurement of Fatigue Cracks	Zoughi,Reza	Electrical Engineering	10/14/97 -	6287
		Raymond-Lae Engineering/RLE Techn., Inc.	4/4/98	\$20,551
Second Generation Microwave Prototype: Elimination of Sensitivity to Surface Roughness Variations...	Zoughi,Reza	Electrical Engineering	5/11/98 -	7376
		DOD-NAVY-Naval Weapons Center	3/8/99	\$24,974

Engineering - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Office of Research & Development Sabbatical	Alciatore,David	Mechanical Engineering Central Intelligence Agency	6/1/98 - 6/1/99	1034 \$129,125
CHAD/Adept Robot Workcell Support	Alciatore,David	Mechanical Engineering Ford Microelectronics, Inc. (FMI)	2/11/98 - 2/10/99	6295 \$12,937
Collaborative Learning via Video & Internet Over IP	Burns,Patrick J	Mechanical Engineering CCHE-Commission on Higher Education	6/18/97 - 6/30/99	0109 \$183,446
Westnet Renewal - Regional Connectivity	Burns,Patrick J	Mechanical Engineering NSF-CISE-Computer & Info Sci & Engin	9/1/94 - 8/31/98	3004 \$56,280
Code Development	Burns,Patrick J	Mechanical Engineering U.S. Enrichment Corporation	11/1/95 - 12/31/98	9314 \$40,500
Statistical Analysis & Testing of Latin Hypercube Simulation Random Number Generators	Burns,Patrick J	Mechanical Engineering Sandia Corporation/Sandia National Lab.	9/4/97 - 9/30/97	9334 \$10,000
Exploring Science & Engineering Career Opportunities	Carlile,Craig Jackson,Elizabeth A	Mechanical Engineering US Department of Energy	9/1/97 - 5/31/98	3841 \$50,000
Colorado Manufacturing Extension Center Consulting for the Piton Foundation	Cherian,Sunil	Mechanical Engineering Piton Foundation	2/1/98 - 6/30/98	5460 \$16,120
Testing Services to ADC Projects	Cherian,Sunil	Mechanical Engineering Co-Create, Inc.	3/12/98 - 6/12/98	6304 \$6,000
Design of Sheet Loader	Cherian,Sunil	Mechanical Engineering Die Cut Technologies	4/1/98 - 5/20/98	6313 \$6,000
Solar Energy System Development	Duff,William S	Mechanical Engineering Sun Utility Network	7/1/97 - 12/31/97	6010 \$33,179
Effectiveness of Pollution Prevention Surveys at National Parks	Edwards,Harry W	Mechanical Engineering EPA-Pollution Prevention Grants Program	9/1/97 - 6/30/98	5801 \$16,500
New Mexico State University Pollution Prevention Program Subcontract	Edwards,Harry W	Mechanical Engineering New Mexico State University	4/2/97 - 10/31/97	5929 \$28,000
New Mexico State University Pollution Prevention Program Subcontract	Edwards,Harry W	Mechanical Engineering New Mexico State University	4/2/97 - 3/20/98	5929 \$2,000
Industrial Assessment Center	Edwards,Harry W	Mechanical Engineering University City Science Center	10/1/97 - 9/30/98	9338 \$91,250
Industrial Assessment Center	Edwards,Harry W	Mechanical Engineering University City Science Center	10/1/97 - 9/30/98	9338 \$59,500
Support to Address Thermal & Environmental Issues at the 2nd International Conference on Energy & Environment	Hittle,Douglas C Tong,Timothy	Mechanical Engineering NSF-GEO-Geosciences	6/1/98 - 11/30/98	3530 \$12,000

Engineering - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Management & Coordination of Colorado State / DOE Program	Hittle,Douglas C	Mechanical Engineering US Department of Energy	5/31/95 - 5/31/98	3857 \$17,177
Advanced Residential Solar Domestic Hot Water (SDHW) Systems	Hittle,Douglas C	Mechanical Engineering US Department of Energy	5/31/95 - 5/31/98	3858 \$7,823
Development & Application of Test Methods for Fabrics Containing Phase-Change Materials	Hittle,Douglas C	Mechanical Engineering Outlast Technologies, Inc.	6/1/98 - 5/31/99	6323 \$53,986
Development of Quality Assurance Project Plan	Hutcherson,Gary	Mechanical Engineering Pacific Environmental Services, Inc.	6/8/98 - 6/30/98	5933 \$15,087
Research Experiences for Undergraduates in Mechanical Engineering	James,Susan P	Mechanical Engineering NSF - Engineering Grant	2/1/96 - 1/31/99	3043 \$47,743
Graduate Fellowships in Mechanical Engineering	James,Susan P Hittle,Douglas C Peterson,Michael	Mechanical Engineering US Department of Education	9/1/97 - 8/31/00	4262 \$122,255
Engineering Total Joint Replacement Materials to Utilize In Vivo Lubrication Mechanisms	James,Susan P	Mechanical Engineering Whitaker Foundation	1/1/97 - 12/31/99	5432 \$61,004
Improvements to the SUNREL/SERIRES Computer Program	Kirkpatrick,Allan T	Mechanical Engineering Midwest Research Institute - NREL	6/1/98 - 8/31/98	9345 \$15,169
Continuous Air to Vacuum to Air (AVA) High Throughput Vacuum Deposition of Thin Films	Sampath,Walajabad S	Mechanical Engineering NSF - Engineering Grant	9/15/97 - 8/31/98	3181 \$68,277
Continuous Air to Vacuum to Air (AVA) High Throughput Vacuum Deposition of Thin Films	Sampath,Walajabad S	Mechanical Engineering NSF - Engineering Grant	9/15/97 - 8/31/99	3181 \$69,228
High Throughput Manufacturing of High Efficiency Solar Cells	Sampath,Walajabad S Barth,Kurt Enzenroth,Robert A	Mechanical Engineering DOE-Energy Related Inventions	5/15/98 - 4/14/99	3871 \$99,761
Microstructural, Morphological & Electrical Studies of a Unique Dry Plasma Metal...	Sampath,Walajabad S Barth,Kurt	Mechanical Engineering EPA-Air Pollution Control Research	10/1/97 - 9/30/00	5822 \$200,001
Harras Custom Products MIK Circuit Board Design for Manufacture	Scheuerman,J. David Troxell,Wade O	Mechanical Engineering Harras Custom Products, Inc.	10/3/97 - 10/31/97	6040 \$4,000
Battery Charger Design for RLE Technologies	Scheuerman,J. David Troxell,Wade O	Mechanical Engineering Raymond-Lae Engineering/RLE Techn., Inc.	5/27/97 - 6/16/97	6249 \$400
Battery Charger Design for RLE Technologies	Scheuerman,J. David Troxell,Wade O	Mechanical Engineering Raymond-Lae Engineering/RLE Techn., Inc.	5/27/97 - 6/16/97	6249 \$200
Dynamic Materials Internship	Scheuerman,J. David Troxell,Wade O	Mechanical Engineering Harras Custom Products, Inc.	11/4/97 - 12/31/97	6281 \$1,228

Engineering - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Dynamic Materials Internship	Scheuerman,J. David	Mechanical Engineering	11/4/97 -	6281
	Troxell,Wade O	Dynamic Materials Corporation	5/31/98	\$3,000
RLE Technologies, Box Cover Design	Scheuerman,J. David	Mechanical Engineering	11/17/97 -	6282
	Troxell,Wade O	Raymond-Lae Engineering/RLE Techn., Inc.	12/31/97	\$5,351
Harras Custom Products CNC Lathe Opportunities	Scheuerman,J. David	Mechanical Engineering	11/17/97 -	6284
	Troxell,Wade O	Harras Custom Products, Inc.	12/31/97	\$5,102
Harras Custom Products CNC Mill Applications	Scheuerman,J. David	Mechanical Engineering	1/26/98 -	6292
	Troxell,Wade O	Harras Custom Products, Inc.	2/27/98	\$5,102
Harras Custom Products Shop Operations	Scheuerman,J. David	Mechanical Engineering	3/2/98 -	6303
	Troxell,Wade O	Harras Custom Products, Inc.	4/30/98	\$5,102
Implicit Implementation of a Virtual Finite Element	Smith,Frederick W	Mechanical Engineering	11/17/97 -	9339
		Univ. California-Los Alamos National Lab	9/30/98	\$50,273
IPA for Dr. Tong - Program Director of the Thermal Transport & Thermal Processing...	Tong,Timothy	Mechanical Engineering	9/4/96 -	3124
		National Science Foundation	9/3/97	\$2,587
Industrial Ecology Assessment	Trenka,Andrew R	Mechanical Engineering	7/1/97 -	3656
		UCAR-NCAR-Research Applications Program	6/30/98	\$5,767
Consulting to Piton Foundation in the Denver Workforce Initiative Project	Troxell,Wade O	Mechanical Engineering	10/14/97 -	5456
	Cherian,Sunil	Piton Foundation	2/28/98	\$3,000
Denver Workforce Initiative Project	Troxell,Wade O	Mechanical Engineering	4/1/98 -	5471
	Barsallo,Jairo D	Piton Foundation	3/31/99	\$80,000
Emergent Product Realization Process Research	Troxell,Wade O	Mechanical Engineering	8/15/97 -	6021
		Storage Technology Corporation *	8/15/98	\$184,683
StorageTek Project	Troxell,Wade O	Mechanical Engineering	8/15/97 -	6066
		Storage Technology Corporation *	8/15/98	\$20,000
Die-Cut Technologies Process Improvements	Troxell,Wade O	Mechanical Engineering	8/1/97 -	6267
	Barsallo,Jairo D	Die Cut Technologies	11/1/97	\$7,200
Dynamic Simulation Model Project	Troxell,Wade O	Mechanical Engineering	6/1/98 -	6308
		Storage Technology Corporation *	5/31/99	\$79,991
Advanced Electric Propulsion Research	Wilbur,Paul J	Mechanical Engineering	1/23/96 -	1927
		NASA-Lewis Research Center	9/22/98	\$30,041
Charge Sensor Construction & Testing	Wilbur,Paul J	Mechanical Engineering	3/5/98 -	2720
		Electric Propulsion Lab	1/5/00	\$80,000
The Engine in Engineering	Willson,Bryan D	Mechanical Engineering	1/1/96 -	3503
	Kirkpatrick,Allan T	NSF - Engineering Grant	12/31/98	\$24,590

Engineering - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Emission Reduction & Performance Optimization for Large, Industrial High-Speed...	Willson,Bryan D	Mechanical Engineering	2/1/98 -	5376
	Hutcherson,Gary	GRI-Gas Research Institute	12/31/98	\$310,000
Large Bore Gas Technology Base	Willson,Bryan D	Mechanical Engineering	8/15/94 -	6047
		GRI-Gas Research Institute	2/1/98	\$172,211
Evaluation of Technologies for Non-Lubricated 2-Stroke Cycle Engines	Willson,Bryan D	Mechanical Engineering	2/1/98 -	6296
		Vairex Corporation	1/31/99	\$7,500
Evaluation of Technologies for Non-Lubricated 2-Stoke Cycle Engines	Willson,Bryan D	Mechanical Engineering	2/1/98 -	6296
		Vairex Corporation	1/31/99	\$10,000
Development Assistance for Natural Gas Engine for Use in Hybrid Electric Bus	Willson,Bryan D	Mechanical Engineering	6/1/98 -	6325
		Transportation Techniques	9/30/98	\$46,960
Industrial Ecology Assessment	Winn,C Byron	Mechanical Engineering	7/1/97 -	3656
		UCAR-NCAR-Research Applications Program	6/30/98	\$23,906

Liberal Arts - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Mapping & Test Excavations in Porco, Bolivia	Van Buren,Mary	Anthropology Brennan Foundation (Curtiss T & Mary C)	6/1/98 - 12/31/98	5468 \$5,000
Public Policies Affecting Competition for Ranchlands: Economic Comparison of Two...	Kling,Robert W Sparling,Edward W	Economics American Farmland Trust, Inc. (AFT)	6/1/97 - 12/31/97	5192 \$19,326
Public Policies Affecting Competition for Ranchlands: Economic Comparison of Two...	Kling,Robert W Sparling,Edward W	Economics American Farmland Trust, Inc. (AFT)	6/1/97 - 3/1/98	5192 \$8,585
Center for Research on Writing & Communication Technologies	Palmquist,Michael E Zimmerman,Donald E	English CCHE-Commission on Higher Education	7/1/97 - 6/30/98	0113 \$60,000
Non-Extant & Removed Structures	Berwanger,Eugene H	History DOI-NPS-National Park Service	12/1/97 - 2/1/98	4114 \$2,525
Optimizing & Evaluating Alcohol Warnings in TV Ad's	Slater,Michael D	Journalism & Technical Comm HHS-PHS-Alcohol Research Programs	8/1/95 - 7/31/99	7697 \$197,058
Communication & Public Education Core 2: Injury Prevention Center	Stallones,Lorann Slater,Michael D	Journalism & Technical Comm HHS-CDC-Environ. Hlth & Injury Control	9/1/95 - 8/31/98	7701 \$28,076
Broadening the Constituencies of Natural Resource Agencies	Zimmerman,Donald E	Journalism & Technical Comm DOI-Fish & Wildlife Management Assist.	5/15/98 - 9/30/99	4199 \$27,764
Communicating Strategies to Grocery Consumers to Reduce their Dietary Exposure to...	Zimmerman,Donald E Slater,Michael D Kendall,Patricia A	Journalism & Technical Comm EPA-Pesticides Control Research	12/1/97 - 11/30/00	5827 \$839,624
Outdoor Cafe Theatre Season	Burns,Morris U	Music, Theatre & Dance City of Fort Collins - Fort Fund	6/24/97 - 7/26/97	5191 \$2,000
Outdoor Café Theatre Season	Burns,Morris U Jones,Laura	Music, Theatre & Dance City of Fort Collins - Fort Fund	5/25/98 - 7/25/98	5389 \$3,500
Guest Artist Series 1998	Heine-Nebbiosi,Linda	Music, Theatre & Dance City of Fort Collins - Fort Fund	3/1/98 - 12/1/98	5390 \$800
Center for Biomedical Research in Music	Thaut,Michael H	Music, Theatre & Dance CCHE-Commission on Higher Education	7/1/97 - 6/30/98	0116 \$169,309
Regional Community Policing Institute Project	Standing Bear,Zug G	Sociology Div. of Criminal Justice/CO Dept Pub Saf	8/13/97 - 8/12/98	0208 \$117,366
Business Index Reporting Service for Irrigation Districts & Canal Companies	Wilkins-Wells,John R Anderson,Raymond L Frasier,W. Marshall	Sociology USDA-CSRS-Coop. States Research Service	4/1/98 - 3/31/01	1358 \$165,000

Liberal Arts - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Irrigation Enterprise Management Study	Wilkins-Wells,John R	Sociology	2/12/96 -	4185
	Anderson,Raymond L	DOI-Bureau of Reclamation	1/31/99	\$48,400
	Oad,Ramchand			

Natural Resources - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
97/98 'S' Account	Anderson,David R	Coop Fish & Wildlife Research Colorado Division of Wildlife	7/1/97 - 6/30/98	0055 \$20,000
Pheasant Survival	Anderson,David R	Coop Fish & Wildlife Research Colorado Division of Wildlife	7/1/97 - 6/30/98	0080 \$28,250
Possible Long-term Declines in the Annual Probability of Survival in North America...	Anderson,David R Burnham,Kenneth P	Coop Fish & Wildlife Research DOI-National Biological Survey	7/1/97 - 12/1/98	1874 \$6,000
Possible Long-Term Declines in the Annual Probability of Survival in North America...	Anderson,David R Burnham,Kenneth	Coop Fish & Wildlife Research DOI-National Biological Survey	7/1/97 - 12/1/98	1874 \$9,000
Federal Flood Assistance	Anderson,David R	Coop Fish & Wildlife Research DOI-USGS-Geological Survey	12/8/97 - 2/27/98	2803 \$7,805
Federal Flood Assistance	Anderson,David R	Coop Fish & Wildlife Research DOI-USGS-Geological Survey	12/8/97 - 9/30/98	2809 \$2,995
Adaptive Stochastic Dynamic Programming Software Development	Anderson,David R	Coop Fish & Wildlife Research DOI-USGS-Geological Survey	4/29/98 - 12/31/00	2825 \$22,152
Design, Field Protocols & Advice on Data Analysis for Environmental Contaminant Studies	Anderson,David R	Coop Fish & Wildlife Research DOI-USGS-Geological Survey	4/29/98 - 10/1/00	2826 \$30,000
97/98 Aquatic Studies	Bergersen,Eric P	Coop Fish & Wildlife Research Colorado Division of Wildlife	7/1/97 - 6/30/98	0056 \$24,500
97/98 Whirling Disease PCR & Pepsin- Trypsin Development	Bergersen,Eric P	Coop Fish & Wildlife Research Colorado Division of Wildlife	7/1/97 - 6/30/98	0057 \$57,000
97/98 Whirling Disease Transmission in Lakes	Bergersen,Eric P	Coop Fish & Wildlife Research Colorado Division of Wildlife	7/1/97 - 6/30/98	0058 \$43,664
Pond Analysis	Bergersen,Eric P	Coop Fish & Wildlife Research Colorado Division of Wildlife	2/11/98 - 6/30/98	0245 \$8,000
Dynamics of Whirling Disease on the Cache La Poudre River	Bergersen,Eric P	Coop Fish & Wildlife Research Montana State University	5/1/97 - 4/30/98	1602 \$34,487
Federal Clean-up Assistance	Bergersen,Eric P	Coop Fish & Wildlife Research DOI-USGS-Geological Survey	7/28/97 - 11/15/97	1893 \$15,000
Federal Clean-up Assistance	Bergersen,Eric P	Coop Fish & Wildlife Research DOI-USGS-Geological Survey	7/28/97 - 10/31/97	1893 \$10,000
Development of a Comprehensive Database of Existing Data on Pathogens & Parasites	Bergersen,Eric P	Coop Fish & Wildlife Research DOI-USFWS-Fish & Wildlife Service	1/27/98 - 1/31/99	4119 \$30,000
97/98 Grouse Research	Burnham,Kenneth	Coop Fish & Wildlife Research Colorado Division of Wildlife	7/1/97 - 6/30/98	0054 \$28,000

Natural Resources - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Effects of Sediment Contaminants on Macro-invertebrate & Fish Assemblages on Lower Lakes..	Clements,William H	Coop Fish & Wildlife Research DOI-USFWS-Fish & Wildlife Service	7/1/94 - 12/31/97	4120 \$8,211
Design & Implement a Mark-Recapture Study to Monitor Population Trends in the Mexican Spotted Owl	Franklin,Alan B	Coop Fish & Wildlife Research USDA-USFS-Rocky Mtn. Rsrch Station - CO	5/14/98 - 3/15/00	8853 \$9,566
Anthropogenic Influences on Common Ravens in the Mojave Desert	Knight,Richard L	Coop Fish & Wildlife Research DOI-National Biological Survey	6/18/96 - 6/30/01	1809 \$44,066
Cost Effectiveness Analysis of Hazard Fuel Reduction Programs	Omi,Philip N Rideout,Douglas B	Coop Fish & Wildlife Research DOI-USFWS-Fish & Wildlife Service	8/15/95 - 12/1/99	4176 \$66,045
USDA/HABIB: Training in Remote Sensing & Geographical Information Systems (GIS)	Smith,Freeman M	Dean Of Natural Resources USDA-Foreign Agricultural Service	9/15/97 - 11/15/97	2021 \$6,000
GIS Training/India	Smith,Freeman M	Dean Of Natural Resources USDA-Foreign Agricultural Service	10/15/97 - 11/15/97	2048 \$825
Environment & Conservation Management Curricula Development	Smith,Freeman M	Dean Of Natural Resources World Wildlife Fund	12/8/97 - 7/31/98	5707 \$80,000
Non-degree Advanced Training - CATI-SITOE	Smith,Freeman M	Dean Of Natural Resources CATIE-Centro Agronomico Tropical de Inve	8/15/97 - 6/15/98	5735 \$13,986
Classification of Colorado's Wetlands	Cooper,David Jonathan	Earth Resources Colorado Department of Natural Resources	5/28/98 - 6/30/98	0270 \$6,995
Riparian Vegetation Studies on the Green & Yampa Rivers	Cooper,David Jonathan	Earth Resources DOI-Bureau of Reclamation	5/1/98 - 4/30/99	2902 \$46,000
Snow Distribution & Runoff Forecasting, Kings River Basin, California	Elder,Kevin J	Earth Resources DOD-ARMY-Corps of Engineers	8/15/96 - 8/14/99	2322 \$2,500
Snow Distribution & Runoff Forecasting, Kings River Basin, California	Elder,Kevin J	Earth Resources DOD-ARMY-Corps of Engineers	8/15/96 - 8/14/99	2322 \$15,543
Snow Distribution & Runoff Forecasting, Kings River Basin, California	Elder,Kevin J	Earth Resources DOD-ARMY-Corps of Engineers	8/15/96 - 8/14/99	2322 \$11,989
Snow Distribution & Runoff Forecasting, Kings River Basin, California	Elder,Kevin J	Earth Resources DOD-ARMY-Corps of Engineers	8/15/96 - 8/14/99	2322 \$13,039
Geologic Mapping in the Durango East Quadrangle, La Plata County, CO	Erslev,Eric A	Earth Resources DOI-USGS-Geological Survey	5/1/98 - 5/31/99	2847 \$5,998
Lithospheric Structure & Evolution	Erslev,Eric A	Earth Resources University of New Mexico	6/1/98 - 5/31/99	3661 \$23,809
Establishment of Baseline Water Quality Conditions in the National Park Service	Hannah,Judith L	Earth Resources DOI-NPS-National Park Service	10/1/93 - 9/30/99	1730 \$50,000

Natural Resources - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Erosion & Sedimentation on St. John, U.S. Virgin Islands	Macdonald, Lee H	Earth Resources University of the Virgin Islands	3/1/98 - 6/30/99	1606 \$33,703
Hydrologic Effects of the Grand Ditch on Rocky Mountain National Park	Macdonald, Lee H Cooper, David Jonathan	Earth Resources DOI-NPS-National Park Service	6/1/96 - 6/1/99	1818 \$5,000
Hydrologic Effects of the Grand Ditch on Rocky Mountain National Park	MacDonald, Lee H Cooper, David Jonathan	Earth Resources DOI-NPS-National Park Service	6/1/96 - 6/1/98	1818 \$15,000
Principles & Guidelines for Evaluating Cumulative Effects	MacDonald, Lee H Loftis, Jim C	Earth Resources Environmental Protection Agency	7/1/97 - 9/30/99	5810 \$48,860
Direct Ar-Ar Dating of Pseudotachylyte (Dating Ancient Earthquakes)	Magloughlin, Jerry F	Earth Resources University of Michigan	4/1/97 - 3/31/98	4193 \$16,904
Collaborative Research on the 190Pt-1860s System as a Test of Core-mantle Interaction	Morgan, John W	Earth Resources NSF-GEO-Geosciences	9/1/97 - 8/31/98	3259 \$55,000
Prepare a Water Resources Scoping Report for the Mojave National Preserve	Smith, Freeman M Kunkle, Samuel	Earth Resources DOI-NPS-National Park Service	3/1/98 - 12/31/98	2811 \$4,991
Prepare a Water Resources Scoping Report for the Mojave National Preserve	Smith, Freeman M Kunkle, Samuel	Earth Resources DOI-NPS-National Park Service	3/1/98 - 12/31/98	2811 \$15,009
Water Resources Management Plan for the Chattahoochee River National Recreation Area	Smith, Freeman M Kunkle, Samuel	Earth Resources DOI-NPS-National Park Service	12/1/97 - 9/30/98	4195 \$25,300
Short Term Training Course in Snow Hydrology	Smith, Freeman M Boyne, Harold S	Earth Resources Winrock International	12/30/97 - 2/2/98	5363 \$20,484
Turkish Training/Atabay & Sahin	Smith, Freeman M	Earth Resources CID-Consortium for Inter. Development	4/1/98 - 6/30/98	9228 \$16,500
Water Quality Characterization of Jackson Lake Reservoir	Stednick, John D	Earth Resources Colorado State Parks/CO Natural Areas Pg	6/15/98 - 12/31/99	0277 \$40,000
Development of Environmental Contaminant Encyclopedia	Stednick, John D	Earth Resources DOI-NPS-National Park Service	8/27/93 - 9/30/98	1731 \$11,000
Development of Environmental Contaminant Encyclopedia	Stednick, John D	Earth Resources DOI-NPS-National Park Service	8/27/93 - 9/30/98	1731 \$20,000
Inventory & Characterize Upland Water Resources in Dinosaur National Monument	Stednick, John D	Earth Resources DOI-NPS-National Park Service	6/1/97 - 6/1/99	1884 \$20,000
Interdisciplinary Approaches to Identification & Mitigation of NPS Water Quality Impacts	Stednick, John D	Earth Resources University of Wyoming	9/15/94 - 8/31/98	3467 \$11,138
Interdisciplinary Approaches to Identification & Mitigation of NPS Water Quality Impacts	Stednick, John D	Earth Resources University of Wyoming	9/15/94 - 8/31/98	3467 \$45,000

Natural Resources - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Shale Sequence Stratigraphy & Hydrocarbon Seal Development	Sutton,Sally Ethridge, Frank G	Earth Resources Texaco, Inc. *	4/28/98 - 12/31/99	6316 \$21,000
Sediment Flushing Along the North Fork Poudre River	Wohl, Ellen E	Earth Resources DOI-Bureau of Reclamation	11/1/97 - 9/30/98	1749 \$5,000
Characterize the Geomorphic Effects of the 1997 Flooding Along Yuma Wash, AZ	Wohl, Ellen E	Earth Resources DOD-ARMY-ARO-Army Research Office	2/1/98 - 7/31/98	2582 \$10,086
Mitigation of Mountain-Channel Sedimentation Resulting from Reservoir Sediment Releases	Wohl, Ellen E Julien, Pierre Y Anthony, Deborah J	Earth Resources NSF - Engineering Grant	3/15/98 - 2/29/00	3512 \$72,670
The Effect of Dams on Riparian Vegetation Dispersal	Wohl, Ellen E	Earth Resources NSF-GEO-Geosciences	6/15/98 - 5/31/00	3533 \$41,707
Integrative Riparian Ecosystem Modeling Along the Yampa River, Colorado	Wohl, Ellen E	Earth Resources The Nature Conservancy	4/1/94 - 6/30/97	5596 \$2,669
Population Dynamics of Elk in the Upper Eagle River Valley	Allredge, A William	Fish & Wildlife Biology Vail Associates, Inc.	4/1/94 - 12/31/98	6012 \$19,629
Cooperative Extension Wildlife Damage Management	Andelt, William F	Fish & Wildlife Biology Colorado Division of Wildlife	7/1/97 - 6/30/98	0083 \$75,000
Cooperative Extension Wildlife Damage Management	Andelt, William F	Fish & Wildlife Biology Colorado Division of Wildlife	7/1/98 - 6/30/99	0299 \$75,000
Non-lethal Methods for Reducing Conflicts with Rodents	Andelt, William F	Fish & Wildlife Biology USDA-APHIS-Ag & Plant Health Insp Srvc	8/19/97 - 8/18/98	2006 \$18,000
Resolving Conflicts with Wildlife	Andelt, William F	Fish & Wildlife Biology USDA-APHIS-Ag & Plant Health Insp Srvc	8/19/97 - 8/18/98	2016 \$5,000
Evaluation of the Interagency Standardized Monitoring Program Technique (ISMP)	Bestgen, Kevin R	Fish & Wildlife Biology Colorado Division of Wildlife	8/1/97 - 6/30/98	0097 \$45,650
Effects of Four Electrofishing Currents on Captive Subadult Colorado Squawfish	Bestgen, Kevin R	Fish & Wildlife Biology DOI-Bureau of Reclamation	8/26/96 - 9/30/98	1848 \$2,875
Fish Entrainment into the Fulton Ditch	Bestgen, Kevin R	Fish & Wildlife Biology Metro Wastewater Reclamation District	3/24/98 - 12/31/98	5382 \$33,350
Contaminants & Endocrine Disruption in Fish	Beyers, Daniel W	Fish & Wildlife Biology DOI-USGS-Geological Survey	7/21/97 - 6/30/98	1891 \$29,832
Assess Ecological, Hydrological, & Geochemical Effects of the Dome Fire on the Capulin Watershed...	Clements, William H	Fish & Wildlife Biology DOI-NPS-National Park Service	10/1/97 - 9/30/98	2856 \$34,600

Natural Resources - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Effects of Fire Disturbance on Watersheds in Bandelier National Monument	Clements,William H	Fish & Wildlife Biology SPMA - Southwest Parks & Monuments Assoc	4/1/97 - 3/31/99	5173 \$5,640
Influence of Previous Exposure to Tolerance & Genetic Variability in Populations...	Clements,William H	Fish & Wildlife Biology Soc. of Environ. Toxicology & Chemistry	7/1/97 - 6/30/98	5185 \$15,000
Assessment of Sediment Quality Criteria for Heavy Metals	Clements,William H	Fish & Wildlife Biology Wright State University	12/1/97 - 11/30/00	5932 \$15,500
The Influence of Previous Exposure to a Mixture of Heavy Metals on Tolerance: a Mechanistic...	Clements,William H	Fish & Wildlife Biology HHS-PHS-Superfund Hazardous Substances	4/1/98 - 3/31/00	7797 \$184,762
The Effects of Cattail Invasion on Prairie Wetlands	Cooper,David Jonathan	Fish & Wildlife Biology Colorado Department of Transportation	9/1/97 - 3/31/98	0203 \$10,000
Development of New Information & Education Products / Collaborational Research	Covich,Alan P	Fish & Wildlife Biology Colorado Division of Wildlife	7/2/97 - 6/30/98	0073 \$62,350
Face to Face with Wildlife	Covich,Alan P Herring,Renee Karlin	Fish & Wildlife Biology Colorado Division of Wildlife	7/3/97 - 6/30/98	0079 \$53,903
Call Center	Covich,Alan P	Fish & Wildlife Biology Colorado Division of Wildlife	12/11/97 - 6/30/98	0233 \$30,951
Wildlife Habitat Management Institute	Covich,Alan P	Fish & Wildlife Biology USDA-NRCS-Natural Resources Consvtn Srv	12/1/97 - 12/31/98	2123 \$22,000
Biotic Control of Detrital Processing in Hawaiian Streams	Covich,Alan P	Fish & Wildlife Biology NSF-Biological Centers	7/15/97 - 7/31/99	3260 \$44,478
Long-Term Ecological Research - Luquillo Experimental Forest	Covich,Alan P	Fish & Wildlife Biology University of Puerto Rico	10/15/94 - 10/14/98	3464 \$19,819
Food Web Consequences of Invasive Riparian Bamboo in Bisley Watershed, LEF	Covich,Alan P	Fish & Wildlife Biology US Department of Agriculture	7/1/97 - 6/30/98	8848 \$20,000
Developing Tools to Predict Persistence of Extent & Reintroduced Colorado River Cutthroat...	Fausch,Kurt D	Fish & Wildlife Biology Colorado Division of Wildlife	7/1/97 - 6/30/98	0077 \$25,000
Strategies to Reduce the Effects of Brook Trout on Cutthroat Trout Restorations	Fausch,Kurt D	Fish & Wildlife Biology US Department of the Interior	3/12/98 - 12/31/98	4197 \$56,700
Toxicity Tests on Leachate for Mine Waste Characterization	Flickinger,Stephen A Nimmo,Del Wayne R	Fish & Wildlife Biology USDI-GS-State Partnerships	8/1/97 - 9/30/98	1702 \$8,000
Use of Fish & Macroinvertebrates to Assess the Toxicity of Metals in the Animas River...	Flickinger,Stephen A Nimmo,Del Wayne R	Fish & Wildlife Biology DOI-USGS-Geological Survey	8/1/97 - 11/30/98	1898 \$15,000
Wetlands Initiative	Given,William	Fish & Wildlife Biology Colorado Department of Natural Resources	10/27/97 - 8/15/98	0219 \$63,432

Natural Resources - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Enhancement of Wetland Data	Given,William	Fish & Wildlife Biology	10/27/97 -	0232
		Colorado Department of Natural Resources	12/31/97	\$4,122
Assessing Transportation Effects on Biodiversity in the South Rocky Mountain Ecoregion	Grunau, Lee	Fish & Wildlife Biology	12/11/97 -	0242
		Colorado Department of Transportation	11/30/98	\$35,000
State Land Board Trust Review	Grunau, Lee	Fish & Wildlife Biology	5/1/98 -	0274
		State Board of Land Commissioners	12/31/98	\$24,552
Pike's Peak Landscape Assessment	Grunau, Lee	Fish & Wildlife Biology	5/4/98 -	6320
		Design Workshop, Inc.	6/30/99	\$20,000
Region 2 FY98	Grunau, Lee	Fish & Wildlife Biology	1/1/98 -	8851
		USDA-USFS-Forest Research	9/30/98	\$24,960
Stable Isotopes	Johnson, Brett Michael	Fish & Wildlife Biology	2/23/98 -	0248
		Colorado Division of Wildlife	6/30/98	\$20,050
Age & Growth of Rio Grande Sucker	Johnson, Brett Michael	Fish & Wildlife Biology	3/18/98 -	0250
		Colorado Division of Wildlife	6/30/98	\$5,694
Ecological Effects of Reservoir Operations on Blue Mesa Reservoir	Johnson, Brett Michael	Fish & Wildlife Biology	4/22/93 -	2842
		DOI-Bureau of Reclamation	12/31/97	\$6,000
Ecological Effects of Reservoir Operations on Blue Mesa Reservoir	Johnson, Brett Michael	Fish & Wildlife Biology	4/22/93 -	2842
		DOI-Bureau of Reclamation	9/30/00	\$49,513
Influence of Habitat Structure & Fragmentation on Avian Habitat Selection & Nest Predation Rates...	Kennedy, Patricia L	Fish & Wildlife Biology	3/17/98 -	0256
		Colorado State Parks/CO Natural Areas Pg	5/31/99	\$2,000
Larimer County Horsetooth Mountain Park	Kettler, Stephan M	Fish & Wildlife Biology	12/15/97 -	5371
		Larimer County	12/31/98	\$24,350
Vegetation Classification of the San Juan	Kettler, Steve	Fish & Wildlife Biology	11/24/97 -	8749
		USDA-USFS-San Juan National Forest	3/31/98	\$2,499
Colorado State-wide Riparian Inventory & Classification	Kittel, Gwen M	Fish & Wildlife Biology	8/9/95 -	4156
		DOI-Bureau of Reclamation	9/30/98	\$10,000
Role of Cliff Habitat in Avian Diversity	Knight, Richard L	Fish & Wildlife Biology	9/1/97 -	5354
		Jefferson County, Colorado	12/31/00	\$5,815
Role of Cliff Habitat in Avian Diversity	Knight, Richard L	Fish & Wildlife Biology	9/1/97 -	5354
		Jefferson County, Colorado	12/31/00	\$21,301
Wildlife & Plant Communities & Housing Developments	Knight, Richard L	Fish & Wildlife Biology	1/1/98 -	5377
		Pitkin County, Colorado	5/31/00	\$36,280
Bibliography of Cross-Boundary Management	Knight, Richard L	Fish & Wildlife Biology	6/11/97 -	8744
		USDA-Forest Service-Pacific NW Exp Statn	12/31/97	\$2,500

Natural Resources - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Uncompahgre Basin Assessment	Lyon,Margarette J	Fish & Wildlife Biology	4/1/98 -	5388
	Wunder,Michael B	The Valley Land Conservancy	4/30/99	\$52,500
Winter Surveys of Mountain Plover in Northern Mexico	Noon,Barry R	Fish & Wildlife Biology	1/1/98 -	1765
		DOI-USFWS-Fish & Wildlife Service	1/31/98	\$5,960
Predicting the Effects of Ecosystem Fragmentation & Restoration: Management Models for Animal Populations	Noon,Barry R	Fish & Wildlife Biology	2/11/98 -	2627
		Northern Arizona University	12/31/98	\$32,258
GOCO/DOW IV	Pague,Christopher A	Fish & Wildlife Biology	7/1/97 -	0069
		Colorado Division of Wildlife	6/30/98	\$300,000
Wetlands Data Interpretation	Pague,Christopher A	Fish & Wildlife Biology	7/18/97 -	0086
		Colorado Department of Natural Resources	8/15/98	\$7,500
Upper Rio Grande/San Luis Valley Riparian	Pague,Christopher A	Fish & Wildlife Biology	7/18/97 -	0087
		Colorado Department of Natural Resources	8/15/98	\$66,000
Closed Basin Wetlands	Pague,Christopher A	Fish & Wildlife Biology	7/18/97 -	0088
		Colorado Department of Natural Resources	8/15/98	\$34,456
Douglas Preble's Meadow Jumping Mouse	Pague,Christopher A	Fish & Wildlife Biology	8/28/97 -	0201
		Colorado Division of Wildlife	5/31/98	\$34,100
Upper Purgatoire	Pague,Christopher A	Fish & Wildlife Biology	5/1/97 -	5190
		The Conservation Fund	11/30/97	\$24,000
Delta County Inventory	Pague,Christopher A	Fish & Wildlife Biology	5/1/97 -	5197
		Delta County, CO	2/28/98	\$47,000
Natural Heritage Investigations	Pague,Christopher A	Fish & Wildlife Biology	11/27/95 -	5347
		The Nature Conservancy	12/31/98	\$175,368
GOCO/DOW IV	Pague,Katherine E	Fish & Wildlife Biology	7/1/97 -	0069
		Colorado Division of Wildlife	9/30/98	\$55,300
Protection & Management of Sensitive Resources in Boulder County	Pague,Katherine E	Fish & Wildlife Biology	6/1/97 -	5378
		Boulder County Parks & Open Spaces	5/31/98	\$1,000
Volunteer Coordinator Start-Up	Pague,Katherine E	Fish & Wildlife Biology	5/1/98 -	5397
		The Nature Conservancy	6/30/99	\$17,165
Opportunities in Conservation Zoology Intern 1998	Pineda,Phyllis Maria	Fish & Wildlife Biology	6/1/98 -	5639
		The Nature Conservancy	6/1/99	\$4,800
Mineral County/Sand Dunes Assessment	Rondeau,Renee	Fish & Wildlife Biology	4/20/98 -	5391
	Wunder,Michael B	The Nature Conservancy	3/30/99	\$45,000
Wetlands Initiative	Sanderson,John S	Fish & Wildlife Biology	10/27/97 -	0219
		Colorado Department of Natural Resources	6/15/99	\$38,408

Natural Resources - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Wetlands Data Interpretation	Sanderson,John S	Fish & Wildlife Biology Colorado Department of Natural Resources	11/15/97 - 8/15/98	0230 \$12,910
Riparian Classification Arkansas River/Lower San Juan & North Platte River Basins	Sanderson,John S Kittel,Gwen M	Fish & Wildlife Biology Colorado Department of Natural Resources	5/26/98 - 7/15/99	0261 \$70,000
Uncompahgre Basin Wetland Assessment & Inventory	Sanderson,John S Culver,Denise R Wunder,Michael B	Fish & Wildlife Biology Colorado Department of Natural Resources	5/26/98 - 7/15/99	0263 \$46,431
Identification and Characterization of Division of Wildlife Wetlands	Sanderson,John S Wunder,Michael B	Fish & Wildlife Biology Colorado Division of Wildlife	6/10/98 - 1/31/99	0275 \$24,000
GAP Alliance Descriptions	Sanderson,John S	Fish & Wildlife Biology The Nature Conservancy	1/8/98 - 9/30/98	1603 \$20,540
GAP Alliance Descriptions	Sanderson,John S	Fish & Wildlife Biology The Nature Conservancy	1/8/98 - 9/30/98	1603 \$5,000
The Nature Conservancy San Miguel Data	Sanderson,John S	Fish & Wildlife Biology The Nature Conservancy	2/1/98 - 3/31/98	5931 \$4,000
Preble's Meadow Jumping Mouse	Schorr,Robert	Fish & Wildlife Biology Colorado Springs Utilities	6/1/98 - 10/31/98	5393 \$25,000
Preble's Meadow Jumping Mouse	Schorr,Robert	Fish & Wildlife Biology City of Colorado Springs	6/1/98 - 10/31/98	5394 \$25,000
United States Air Force Academy Jumping Mouse 32K	Schorr,Robert Wunder,Michael B	Fish & Wildlife Biology DOD-USAF-Air Force Academy	5/21/98 - 12/31/98	7383 \$32,000
Morphological Description of Rio Grande Sucker Larvae & Early Juveniles & Comparison...	Snyder,Darrel E	Fish & Wildlife Biology Colorado Division of Wildlife	10/1/97 - 6/30/98	0224 \$10,372
Pallid Sturgeon: Morphological Redescription & Diagnosis of Larvae Based on a New...	Snyder,Darrel E	Fish & Wildlife Biology DOI-USFWS-Fish & Wildlife Service	10/1/97 - 9/30/98	1704 \$7,000
TNC ESA Penstemon Debilis	Spackman,Susan	Fish & Wildlife Biology The Nature Conservancy	2/1/98 - 6/30/98	1604 \$700
National Park Service Species Lists	Spackman,Susan	Fish & Wildlife Biology The Nature Conservancy	2/1/98 - 6/30/98	1605 \$2,000
BLM, National Fish and Wildlife Foundation, & Glenwood Springs Resource Area Sites	Spackman,Susan	Fish & Wildlife Biology DOI-BLM-Bureau of Land Management	11/1/97 - 4/30/99	2911 \$8,689
TNC Crandall's Hollyhock	Spackman,Susan	Fish & Wildlife Biology The Nature Conservancy	4/1/98 - 12/31/98	5383 \$5,362

Natural Resources - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Roaring Fork 2	Spackman,Susan	Fish & Wildlife Biology	4/1/98 -	5385
	Wunder,Michael B	Pitkin County, Colorado	4/30/99	\$45,000
Audubon Guide Review	Spackman,Susan	Fish & Wildlife Biology	2/25/98 -	6305
		Chanticleer Press	3/2/98	\$2,000
Audubon Guide Review	Spackman,Susan	Fish & Wildlife Biology	2/25/98 -	6306
		Chanticleer Press	3/15/98	\$750
Piceance	White,Gary C	Fish & Wildlife Biology	7/1/97 -	0085
		Colorado Division of Wildlife	6/30/98	\$81,000
Mexican Spotted Owl Inventory System Design	White,Gary C	Fish & Wildlife Biology	5/28/98 -	8856
		USDA-USFS-Rocky Mtn. Rsrch Station - CO	4/15/00	\$20,000
Foraging Behavior & Population Dynamics of Beaver in Regulated & Unregulated...	Wilson,Kenneth R	Fish & Wildlife Biology	9/15/96 -	1787
		DOI-National Biological Survey	1/31/99	\$49,941
Effect of Ski Development on Small Mammal Populations	Wilson,Kenneth R	Fish & Wildlife Biology	6/1/98 -	6328
		Vail Associates, Inc.	5/31/02	\$84,288
Biodiversity of the Jemez Mountains	Wilson,Kenneth R	Fish & Wildlife Biology	9/5/96 -	8708
		USDA-USFS-Rocky Mtn. Rsrch Station - CO	6/30/99	\$7,100
Biodiversity of the Jemez Mountains	Wilson,Kenneth R	Fish & Wildlife Biology	9/5/96 -	8708
		USDA-USFS-Rocky Mtn. Rsrch Station - CO	6/30/99	\$97,307
Biodiversity of the Jemez Mountains	Wilson,Kenneth R	Fish & Wildlife Biology	9/5/96 -	8708
		USDA-USFS-Rocky Mtn. Rsrch Station - CO	4/30/98	\$12,000
Lynx Habitat Mapping	Wunder,Michael B	Fish & Wildlife Biology	6/12/98 -	8858
		USDA-USFS-Forest Research	10/30/98	\$24,960
Army National Guard Cultural & Natural Resource Program Management - Off Campus	Bagley,Calvin F	Forest Sciences	6/1/98 -	0271
		Colorado Department of Military Affairs	5/31/99	\$208,972
Army National Guard Cultural & Natural Resource Program Management - On Campus	Bagley,Calvin F	Forest Sciences	6/1/98 -	0272
		Colorado Department of Military Affairs	5/31/99	\$10,503
Recreational Trails Impact on Wildlife	Berry,Joyce K	Forest Sciences	3/25/98 -	0253
		Colorado State Parks/CO Natural Areas Pg	8/30/98	\$30,613
Short-Rotation Eucalyptus Plantations in Brazil	Bettters,David R	Forest Sciences	9/30/97 -	5706
		University of Toronto	10/31/98	\$12,100
Assessment of the Economic Benefits of Living Snowfences	Bettters,David R	Forest Sciences	9/23/97 -	8733
		USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/30/98	\$15,000
Abiotic & Biotic Controls on Upper & Lower Timberline & Intermediate Ecotones	Binkley,Daniel E	Forest Sciences	5/1/93 -	2872
		DOI-NPS-National Park Service	4/1/99	\$15,000

Natural Resources - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Why Does Forest Growth Decline With Stand Age? An Experimental Test	Binkley,Daniel E	Forest Sciences	9/15/97 -	3192
		National Science Foundation	5/31/00	\$260,068
Water Quality & Ecosystem Studies in Northwest Alaska	Binkley,Daniel E	Forest Sciences	7/10/96 -	8788
		USDA-USFS-Forest Research	11/30/00	\$30,000
Water Quality & Ecosystem Studies in Northwest Alaska	Binkley,Daniel E	Forest Sciences	7/10/96 -	8788
		USDA-USFS-Forest Research	11/30/00	\$50,000
Completion of the Endangered Species Section of the Integrated Natural Resource Management Plan	Brozka,Robert J	Forest Sciences	9/14/95 -	9088
		USDA-USFS-Rocky Mtn. Rsrch Station - CO	6/30/00	\$1,735
Fiscal Year 98 Archeological Phase I Surveys on Fort McCoy, Wisconsin	Brozka,Robert J	Forest Sciences	9/14/95 -	9089
		USDA-USFS-Rocky Mtn. Rsrch Station - CO	6/30/00	\$17,774
Headquarters United States Army Europe CADD Land Management Plans & Urban Tree Management Plans	Brozka,Robert J	Forest Sciences	9/14/95 -	9090
		USDA-USFS-Rocky Mtn. Rsrch Station - CO	6/30/00	\$77,977
Land Condition Trend Analysis & GIS Support at Fort McCoy	Brozka,Robert J Bagley,Calvin F	Forest Sciences	9/14/95 -	9093
		USDA-USFS-Rocky Mtn. Rsrch Station - CO	6/30/00	\$114,981
Research Experience for Undergraduates - Presidential Faculty Fellow Award	Burke,Ingrid C	Forest Sciences	9/1/93 -	3072
		NSF-Biological Centers	2/28/99	\$5,000
Ecosystem Significance of Soil as a Long Term Sink for Anthropogenic Additions of N	Burke,Ingrid C Maciel,Gary E Lauenroth,William K	Forest Sciences	8/1/97 -	3258
		National Science Foundation	7/31/00	\$229,498
Ecosystem Significance of Soil as a Long Term Sink for Anthropogenic Additions of N	Burke,Ingrid C Maciel,Gary E Lauenroth,William K	Forest Sciences	8/1/97 -	3258
		NSF - National Science Foundation	7/31/00	\$261,395
Ecosystem Significance of Soil as a Long Term Sink...	Burke,Ingrid C Maciel,Gary E Lauenroth,William K	Forest Sciences	8/1/97 -	3516
		NSF-Biological Centers	7/31/00	\$5,000
Spatial Data Management for the Colorado Rockies Regional Cooperative	Dean,Denis J	Forest Sciences	1/1/96 -	1601
		The Nature Conservancy	6/30/98	\$12,500
Spatially Explicit Models of Oak Woodland Landscapes in California	Dean,Denis J	Forest Sciences	8/21/97 -	8719
		USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/15/98	\$57,000
Geographic Information Systems Training for Dr. Gonsel Kusek	Dean,Denis J	Forest Sciences	8/15/97 -	9200
		CID-Consortium for Inter. Development	12/16/97	\$2,726
Geographic Information Systems Training for Dr. Gonsel Kusek	Dean,Denis J	Forest Sciences	8/15/97 -	9200
		CID-Consortium for Inter. Development	11/15/97	\$8,179

Natural Resources - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Instructional Support for LCTA/ITAM & Range Conference, Camp Atterbury, Indiana	Doe,William W	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	9077 \$10,694
Ecological Data Program Development	Doe,William W Bagley,Calvin F	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	9083 \$46,496
Analysis of Soil Erosion Models for Natural & Cultural Resources	Doe,William W	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	9087 \$40,963
Cost Effectiveness Analysis of Hazard Fuel Reduction Programs--Phase II	Omi,Philip N Rideout,Douglas B	Forest Sciences DOI-NPS-National Park Service	12/1/97 - 11/30/99	1748 \$177,286
Effect of Thinning and Prescribed Burning on Severity of Wildfires in Ponderosa...	Omi,Philip N	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - UT	5/22/95 - 12/31/98	8766 \$2,000
Non-Degree Program of Study for Israeli Forester	Omi,Philip N Grier,Charles C	Forest Sciences USDA-USFS-Forest Research	5/18/98 - 9/30/98	8854 \$5,000
Spatial Database Design, Population & Analysis	Reich,Robin M	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	5/5/98 - 8/30/99	8852 \$15,000
Cultural Resource Management Support at Eglin Air Force Base, National Park Service...	Shaw,Robert B	Forest Sciences DOI-NPS-National Park Service	11/28/97 - 10/31/98	1751 \$102,644
LCTA Support for Fort Huachuca, Arizona	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	5/5/97 - 6/4/98	2349 \$5,096
U.S. AECRO Support for Office of the Chief of Staff, U.S. Army Environmental Center	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	4/30/97 - 11/26/97	2350 \$5,000
LCTA Support for the US Army Environmental Center, Aberdeen Proving Ground, MD	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	5/19/97 - 11/19/97	2361 \$12,935
Forest Management Support for Fort McCoy, Wisconsin	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	11/17/97 - 5/15/98	2373 \$14,931
LCTA Field Support for California Army National Guard Bureau	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	7/9/97 - 2/8/98	2377 \$19,786
LCTA Field Support for the Montana Army National Guard	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	7/9/97 - 12/9/97	2378 \$11,781
ITAM Program LCTA Field Support for the U.S. Military Academy, West Point, New York	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	7/9/97 - 10/24/97	2379 \$37,759
ITAM Program LCTA Support for Marine Corps Base Quantico, Virginia	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	7/9/97 - 11/7/97	2380 \$15,087
ITAM Program LCTA Support for Marine Corps Base Quantico, Virginia	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	7/9/97 - 11/7/98	2380 \$6,961

Natural Resources - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Legacy Resources Management Assistance, Deputy Under Secretary of Defense	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	9/2/97 - 3/17/98	2382 \$37,467
Legacy Resources Management Assistance, Deputy Under Secretary of Defense	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	9/2/97 - 3/17/98	2382 \$3,000
Integrated Training Area Management Program Support for Fort Hunter Liggett, CA	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	7/9/97 - 11/13/97	2383 \$22,738
Integrated Training Area Management Program Support for Fort Hunter Liggett, CA	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	7/9/97 - 7/8/98	2383 \$37,203
LCTA & LRAM Program Support at Fort Hunter Liggett, California	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	7/9/97 - 7/8/98	2384 \$101,424
LCTA & LRAM Field Support at Fort Hunter Liggett, California	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	7/21/97 - 7/20/98	2385 \$57,969
LCTA & GIS Support for Fort McCoy, Wisconsin	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	8/1/97 - 7/31/98	2387 \$101,324
LCTA & GIS Support for Fort McCoy, Wisconsin	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	8/1/97 - 7/31/98	2387 \$21,000
Wildlife Management Program Support for Fort Belvoir, Virginia	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	7/21/97 - 12/19/97	2388 \$27,886
Military Training & Land Management Support Army Training Support Center, Ft. Eustis, VA	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	12/1/97 - 11/30/98	2389 \$86,946
Extrapolation of Vegetative Cover Estimates Using Remotely Sensed Imagery at Fort...	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	9/15/97 - 1/19/98	2390 \$17,345
Land Rehabilitation & Maintenance Program Support for Schofield Barracks, Hawaii	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	7/23/97 - 7/22/98	2392 \$65,817
Land Rehabilitation & Maintenance Program Support for Schofield Barracks, Hawaii	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	7/23/97 - 7/22/98	2392 \$6,000
LCTA II, ITAM Short Course & Army Restationing Analysis Support	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	8/1/97 - 10/30/97	2393 \$23,846
LCTA Field Support for Alaska Army National Guard	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	8/1/97 - 12/31/97	2395 \$14,476
Forestry Support for Fort A.P. Hill, Virginia	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	12/1/97 - 11/30/98	2396 \$2,800
Forestry Support for Fort A.P. Hill, Virginia	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	12/1/97 - 11/30/98	2396 \$67,667

Natural Resources - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Population Trends of Golden-Cheeked Warblers & Black-Capped Vireos on Camp Bullis, Texas	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	8/4/97 - 1/5/98	2401 \$20,881
Integrated Cultural Resource Management Plan, USARC Sheridan, Lake County, Illinois...	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	9/29/97 - 9/28/98	2404 \$67,255
LCTA Field Support for Fort Campbell, Kentucky	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	10/1/97 - 12/1/97	2405 \$14,775
LCTA Field Support for Fort Bragg, North Carolina	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	12/1/97 - 11/30/98	2407 \$42,455
Historic Properties Inventory for Indiana, Michigan, & Minnesota (for McCoy, WI) ...	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	9/29/97 - 9/28/98	2410 \$304,858
US Army Alaska Integrated Training Area Management Program Implementation	Shaw,Robert B	Forest Sciences DOD-ARMY	8/22/97 - 8/21/98	2416 \$52,683
US Army Alaska Integrated Training Area Management Program Implementation	Shaw,Robert B	Forest Sciences DOD-ARMY	8/22/97 - 8/21/98	2417 \$448,317
ITAM & Geographic Information System Support for U. S. Army Pacific Command (USARPAC)	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	11/10/97 - 11/9/98	2419 \$87,391
ITAM & Geographic Information System Support for U. S. Army Pacific Command (USARPAC)	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	12/15/97 - 12/14/98	2419 \$7,000
Wetland & Endangered Species Survey Support for Fort McCoy, Wisconsin	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	10/1/97 - 9/30/98	2425 \$91,493
Data Application & Technology Development in Support of ITAM for USA-CERL	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	9/29/97 - 9/28/98	2427 \$160,020
Natural Resources Field Support	Shaw,Robert B	Forest Sciences DOD-ARMY-Fort Drum, New York	4/1/98 - 9/30/98	2428 \$7,041
Natural Resources Field Support	Shaw,Robert B	Forest Sciences DOD-ARMY-Fort Drum, New York	4/1/98 - 9/30/98	2428 \$865
Natural Resources Field Support	Shaw,Robert B	Forest Sciences DOD-ARMY-Fort Drum, New York	4/1/98 - 9/30/98	2428 \$917
Natural Resources Field Support	Shaw,Robert B	Forest Sciences DOD-ARMY-Fort Drum, New York	4/1/98 - 9/30/98	2428 \$917
Natural Resources Field Support	Shaw,Robert B	Forest Sciences DOD-ARMY-Fort Drum, New York	4/1/98 - 9/30/98	2429 \$52,959
Natural Resources Field Support	Shaw,Robert B	Forest Sciences DOD-ARMY-Fort Drum, New York	4/1/98 - 9/30/98	2429 \$9,083

Natural Resources - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Natural Resources Field Support	Shaw,Robert B	Forest Sciences DOD-ARMY-Fort Drum, New York	4/1/98 - 9/30/98	2429 \$6,105
Natural Resources Field Support	Shaw,Robert B	Forest Sciences DOD-ARMY-Fort Drum, New York	4/1/98 - 9/30/98	2429 \$9,083
Cultural Resources Support	Shaw,Robert B	Forest Sciences DOD-ARMY	10/1/97 - 9/30/98	2430 \$18,754
Cultural Resources Support	Shaw,Robert B	Forest Sciences DOD-ARMY	10/1/97 - 9/30/98	2431 \$257,856
Risk & Ecological Assessment Research Support for Construction Engineering Research Lab	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	9/29/97 - 9/28/98	2434 \$14,930
Forest Management Support	Shaw,Robert B	Forest Sciences DOD-ARMY-Fort Drum, New York	10/15/97 - 12/31/97	2439 \$7,416
Forest Management Support	Shaw,Robert B	Forest Sciences DOD-ARMY-Fort Drum, New York	10/15/97 - 12/31/97	2441 \$58,584
US Army Alaska Integrated Training Area Management Program Implementation	Shaw,Robert B	Forest Sciences DOD-ARMY	9/30/97 - 5/31/98	2445 \$81,145
US Army Alaska Integrated Training Area Management Program Implementation	Shaw,Robert B	Forest Sciences DOD-ARMY	9/30/97 - 5/31/98	2446 \$518,855
Interagency Personnel Agreement for Joan VanDerVort	Shaw,Robert B	Forest Sciences DOD-ARMY	11/8/97 - 11/8/98	2454 \$76,150
U.S. Army Regional Environmental Offices Support of the Chief of Staff...	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	12/4/97 - 10/3/98	2460 \$444,842
Geographic Information System Support for Natural Resources Management	Shaw,Robert B	Forest Sciences DOD-ARMY-Fort Drum, New York	7/1/98 - 9/30/99	2461 \$6,099
Geographic Information System Support for Natural Resources Management	Shaw,Robert B	Forest Sciences DOD-ARMY-Fort Drum, New York	7/1/98 - 9/30/99	2462 \$74,901
Cultural Resource Surveys & Management	Shaw,Robert B	Forest Sciences DOD-ARMY-Fort Drum, New York	2/1/98 - 6/30/99	2463 \$27,922
Cultural Resource Surveys & Management	Shaw,Robert B	Forest Sciences DOD-ARMY-Fort Drum, New York	2/1/98 - 6/30/99	2466 \$211,278
Integrated Training Area Management Support for U.S. AEC in Support of ODCSOP Stationing	Shaw,Robert B	Forest Sciences DOD-ARMY	1/7/98 - 1/6/99	7301 \$11,999
ITAM Support for the U.S. AEC & Headquarters Army National Guard	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	1/15/98 - 1/14/99	7304 \$110,593

Natural Resources - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Integrated Training Area Management Related GIS Support for the U.S. Army Environmental Center	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	2/23/98 - 4/24/98	7305 \$53,863
Integrated Training Area Management Support for Fort Stewart, Georgia	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	7/1/98 - 6/30/99	7306 \$65,631
Integrated Training Area Management Support for Fort Carson & Pinyon Canyon Maneuver Site, Colorado	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	6/30/98 - 6/29/99	7307 \$65,667
Integrated Training Area Management LCTA Support for Fort Stewart, Georgia	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	7/1/98 - 6/30/99	7308 \$50,780
Integrated Training Area Management Support at Fort Stewart, Georgia	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	9/29/98 - 9/28/99	7309 \$50,780
Legacy Resources Management Assistance Office of the Deputy Under Secretary of Defense	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	3/9/98 - 9/11/98	7310 \$35,787
ITAM Program Support for Yakima Training Center Washington	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	4/1/98 - 3/31/99	7311 \$193,972
LCTA Field Support for Fort Stewart, Georgia	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	4/13/98 - 4/12/99	7312 \$72,125
Integrated Training Area Management Program Land Rehabilitation & Maintenance Support at Fort Drum, New York	Shaw,Robert B	Forest Sciences DOD-ARMY-Fort Drum, New York	2/1/98 - 10/31/98	7350 \$4,576
Integrated Training Area Management Program Land Rehabilitation & Maintenance Support at Fort Drum, New York	Shaw,Robert B	Forest Sciences DOD-ARMY-Fort Drum, New York	2/1/98 - 10/31/98	7351 \$39,424
LCTA Support to the Integrated Training Area Management Program at Fort Drum, New York	Shaw,Robert B	Forest Sciences DOD-ARMY-Fort Drum, New York	7/1/98 - 6/30/99	7352 \$16,910
LCTA Support to the Integrated Training Area Management Program at Fort Drum, New York	Shaw,Robert B	Forest Sciences DOD-ARMY-Fort Drum, New York	7/1/98 - 6/30/99	7353 \$162,090
LRAM Support to the ITAM Program at Fort Drum, New York	Shaw,Robert B	Forest Sciences DOD - US Department of Defense	4/1/98 - 9/30/98	7354 \$27,671
LRAM Support to the ITAM Program at Fort Drum, New York	Shaw,Robert B	Forest Sciences DOD - US Department of Defense	4/1/98 - 9/30/98	7354 \$10,028
LRAM Support to the ITAM Program at Fort Drum, New York	Shaw,Robert B	Forest Sciences DOD - US Department of Defense	4/1/98 - 9/30/98	7372 \$63,728
LRAM Support to the ITAM Program at Fort Drum, New York	Shaw,Robert B	Forest Sciences DOD - US Department of Defense	4/1/98 - 9/30/98	7372 \$156,329

Natural Resources - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Wetland Management Field Support at Fort Drum, New York	Shaw,Robert B	Forest Sciences DOD-ARMY-Fort Drum, New York	5/4/98 - 11/30/98	7373 \$5,090
Wetland Management Field Support at Fort Drum, New York	Shaw,Robert B	Forest Sciences DOD-ARMY-Fort Drum, New York	5/4/98 - 11/30/98	7374 \$40,910
US Army Alaska Alternative Reuse Study & Records Search	Shaw,Robert B	Forest Sciences DOD-ARMY	5/1/98 - 7/31/98	7377 \$21,892
US Army Alaska Alternative Reuse Study & Records Search	Shaw,Robert B	Forest Sciences DOD-ARMY	5/1/98 - 7/31/98	7378 \$52,912
Field Support for the Forest Management Program at Fort Drum, New York	Shaw,Robert B	Forest Sciences DOD-ARMY-Fort Drum, New York	5/15/98 - 12/31/98	7379 \$26,873
Field Support for the Forest Management Program at Fort Drum, New York	Shaw,Robert B	Forest Sciences DOD-ARMY-Fort Drum, New York	5/15/98 - 12/31/98	7380 \$157,727
Environmental Management Administration	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	8900 \$1,722
Environmental Management Administration	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	8900 \$7,481
Environmental Management Administration	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	8900 \$6,519
Environmental Management Administration	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	8900 \$4,354
Environmental Management Administration	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	8900 \$4,214
Environmental Management Administration	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	8900 \$1,837
Environmental Management Administration	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	8900 \$1,372
Environmental Management Administration	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	8900 \$822
Environmental Management Administration	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	8900 \$30,444
Environmental Management Administration	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	8900 \$377
Environmental Management Administration	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	8900 \$3,941

Natural Resources - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Environmental Management Administration	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	8900 \$6,263
Environmental Management Administration	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	8900 \$3,756
Environmental Management Administration	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	8900 \$27,819
Environmental Management Administration	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	8900 \$16,007
Environmental Management Administration	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	8900 \$17,696
Environmental Management Administration	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	8900 \$2,630
LCTA Plot Allocation for Fort Custer, MI	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	8993 \$1,080
Support for USACERL/SERDP TES Plant Conservation Efforts	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	8994 \$9,067
Support for USACERL/SERDP TES Plant Conservation Efforts	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	8994 \$6,897
LCTA Data Collection & Analysis 1998 & 1999	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	8995 \$42,512
Ecological Management & Restoration Assistance on Eglin Air Force Base, Florida...	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	8996 \$45,000
Summary & Analyses of Maneuver Training Impact Data on Red-Cockaded Woodpeckers on Ft....	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	8997 \$39,432
GIS Data Development & Digital Map for Wyoming National Guard	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	8998 \$5,490
Continuation of Floristics Survey of Sheridan Training Area, Wyoming	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	8999 \$44,924
LCTA Field Data Collection, Fort Campbell, Kentucky	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	9001 \$70,369
Threatened & Endangered Species Management at Fort McCoy, Wisconsin	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	9051 \$33,933
Evaluation Effects of Military Training on Endangered Red Cockaded Woodpeckers & Associated Habitats	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	9053 \$35,062

Natural Resources - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Evaluation Effects of Military Training on Endangered Red Cockaded Woodpeckers & Associated Habitats	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	9053 \$47,976
Forest Management Support at Fort Campbell, Kentucky	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	9054 \$51,073
Development of a Community-Based Approach to Threatened & Endangered Plant Species Management	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	9055 \$12,507
Archeological Phase I Surveys on Fort McCoy for Fort Hood, Texas	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	9056 \$72,346
Archeological Phase II Surveys on Fort McCoy for Fort Hood, Texas	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	9057 \$32,282
Design and Development of Spatial Simulation Models	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	9058 \$34,406
Conservation Support for Ecological Management & Restoration, Eglin Air Force Base, Florida	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	9060 \$30,765
Natural Resource Management at Fort McCoy, Wisconsin	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	9061 \$8,343
Oak Wilt Inventory & Forestry Program At Fort McCoy, Wisconsin	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	9062 \$7,537
Soil & Vegetation Monitoring at Fort Leonard Wood, Missouri	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	9063 \$52,409
LCTA Plot Allocation for Virginia Army National Guard	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	9064 \$978
Exotic Plant Species Management at Fort McCoy Wisconsin	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	9065 \$25,319
GIS, Botanical, & Herpetological Support at Fort Stewart, Georgia	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	9066 \$133,646
LCTA at Camp Beauregard, Louisiana	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	9067 \$23,748
LCTA Core Plot Allocation at Camp Beauregard, Louisiana	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	9068 \$5,232
LCTA Core Plot Re-Allocation for Leesburg Training Site, South Carolina	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	9069 \$978
Wildlife Management Support at Fort McCoy Wisconsin	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	9070 \$25,319

Natural Resources - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
LCTA Core Plot Re-Allocation for Camp Robinson, Arkansas	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	9071 \$978
Forest Inventory & Program Support at Fort McCoy, Wisconsin	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	9072 \$67,097
Integrated Natural Resources Management Plans & Wetlands Action Management Plans	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	9073 \$158,069
Evaluation of Military Training Noise on Red-Cockaded Woodpeckers on Fort Stewart, Georgia	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	9074 \$28,026
Population Trends of Golded-Cheeked Warblers & Black-Capped Vireos on Camp Bullis, Texas	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	9075 \$66,140
Support for Fog Oil Obscurant Effects Analysis & Risk Assessment Research	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	9076 \$15,558
Environmental Awareness Materials for CMTC Hohenfels	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	9078 \$12,578
Remote Sensing/GIS Application Development for Support of Carrying Capacity	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	9079 \$19,664
Remote Sensing/GIS Application Development for Support of Carrying Capacity	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	9079 \$7,042
Vascular Plant Survey of the Combat Maneuver Training Center, Hohenfels, Germany	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	9080 \$114,250
Implementation of Joliet Training Area Integrated Cultural Resources Management Plan	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/98	9081 \$12,868
Support for EQR & Conservation Assistance Program Projects	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	9082 \$23,393
Support for EQR & Conservation Assistance Program Projects	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	9082 \$6,281
Integrated Training Area Management for U.S. Army Alaska	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	9084 \$137,831
Integrated Training Area Management for U.S. Army Hawaii	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	9085 \$224,110
Integrated Training Area Management for Forts Greely & Wainwright, Alaska	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	9086 \$288,916
Environmental Monitoring of CMTC Live Fire Exercise at Grafenwoehr, Germany	Shaw,Robert B Brozka,Robert J	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	9091 \$128,994

Natural Resources - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Field & Data Support for Vegetation Mapping & Conservation Assistance Program Projects	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/14/95 - 6/30/00	9092 \$8,515
Response of Rocky Mountain Conifers to Disturbance	Smith,Frederick W	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	8/21/96 - 12/1/99	8704 \$30,000
Tenure of Landscape Patterns in the Sangre de Cristo Mountain Range	Smith,Frederick W	Forest Sciences US Department of Agriculture	8/1/97 - 12/30/98	8728 \$6,000
Recreation Needs Assessment: Green River Wyoming	Aukerman,Robert	Nat Res Recreation & Tourism DOI-Bureau of Reclamation	6/10/98 - 6/1/99	2909 \$25,000
Recreation Management of Western Water	Haas,Glenn E	Nat Res Recreation & Tourism DOI-Bureau of Reclamation	9/30/97 - 12/31/01	1736 \$20,000
Wildlife Research & White-tailed Deer Bibliography for the National Park Service	Haas,Glenn E	Nat Res Recreation & Tourism DOI-NPS-National Park Service	11/1/97 - 9/30/98	1743 \$13,000
American Public Values Towards National Parks	Haas,Glenn E	Nat Res Recreation & Tourism National Parks & Conservation Assoc.	11/1/97 - 10/30/99	5361 \$17,600
Earth Fest 98	Haas,Glenn E	Nat Res Recreation & Tourism City of Fort Collins - Fort Fund	2/17/98 - 2/16/99	5386 \$3,000
The Willingness of Colorado Anglers to Incur Increased License Fees	Manfredo,Michael J	Nat Res Recreation & Tourism Colorado Division of Wildlife	4/1/97 - 6/30/98	0096 \$58,000
Hunter Economic Model	Manfredo,Michael J	Nat Res Recreation & Tourism Colorado Division of Wildlife	10/2/97 - 6/30/98	0206 \$10,000
Human Dimensions in Natural Resources Research Unit	Manfredo,Michael J	Nat Res Recreation & Tourism Colorado Division of Wildlife	7/1/92 - 6/30/98	0370 \$140,000
Exploring Shifts in Value Orientations Toward the Natural Environment	Manfredo,Michael J	Nat Res Recreation & Tourism US Department of Agriculture	8/28/97 - 8/31/02	8701 \$29,018
Lower Sheenjek River Impact Analysis, Public Involvement, & River Management Plan	Vaske,Jerry J	Nat Res Recreation & Tourism DOI-NPS-National Park Service	7/1/97 - 6/30/98	1889 \$20,000
Completion of Lower Sheenjek River Wild & Scenic River Study/Legislative Environmental Impact Statement	Vaske,Jerry J	Nat Res Recreation & Tourism DOI-NPS-National Park Service	4/1/98 - 9/30/99	2841 \$7,100
Enhancing Tourism Opportunities on Public Lands Managed by Alaska Bureau of Land Management	Vaske,Jerry J Donnelly,Maureen P	Nat Res Recreation & Tourism DOI-BLM-Bureau of Land Management	11/16/97 - 11/30/02	4106 \$65,429
Survey of National Park Managers to Identify Geologic Resource Management Issues of Concern	Wallace,George N	Nat Res Recreation & Tourism DOI-NPS-National Park Service	5/1/98 - 10/31/98	2904 \$6,650
A Study of Boater Recreation at Lake Berryessa, California: Phase I	Wallace,George N	Nat Res Recreation & Tourism DOI-Bureau of Reclamation	5/29/98 - 2/1/99	2906 \$12,880

Natural Resources - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Eagle Mountain Project: Phase I	Wallace,George N	Nat Res Recreation & Tourism Mine Reclamation Corporation	4/16/98 - 7/1/99	6319 \$12,500
Designing a Program of Research to Answer Program Efficacy Questions	Wells,Marcella D	Nat Res Recreation & Tourism Colorado Division of Wildlife	12/1/97 - 6/30/98	0238 \$9,200
Environmental Learning Center Youth Council	Wells,Marcella D	Nat Res Recreation & Tourism W.M.B. Berger Foundation	9/20/97 - 8/7/98	5451 \$35,000
Responses of Hydrologic & Aquatic Ecosystem Processes to Potential Climate Change on...	Baron,Jill Swift,David M	Natural Resource Ecology Lab DOI-NPS-National Park Service	5/1/93 - 4/1/99	2855 \$69,000
Forest Health Monitoring Vegetation Structure Pilot	Binkley,Daniel E Stohlgren,Thomas	Natural Resource Ecology Lab USDA-USFS-Rocky Mtn. Rsrch Station - CO	3/20/98 - 6/1/99	8850 \$50,432
Spatial Ecosystem Modeling of Yellowstone Bison & their Environments	Coughenour,Michael B	Natural Resource Ecology Lab DOI-USGS-Geological Survey	6/1/97 - 5/31/02	1705 \$9,482
Spatial Ecosystem Modeling of Yellowstone Bison & their Environments	Coughenour,Michael B	Natural Resource Ecology Lab DOI-USGS-Geological Survey	6/1/97 - 5/31/02	1705 \$7,581
Ecological Studies of the Jackson Bison & Elk Herds	Coughenour,Michael B	Natural Resource Ecology Lab DOI-USGS-Geological Survey	9/1/97 - 5/1/00	1737 \$13,992
Integrated Assessment of African Savannas with Spatial-Dynamic Vegetation & Land...	Coughenour,Michael B Ellis,James	Natural Resource Ecology Lab NSF-GEO-Geosciences	9/1/97 - 8/31/00	3202 \$450,000
Integrated Modeling & Assessment for Balancing Food Security, Conservation & Ecosystem Integrity	Coughenour,Michael B	Natural Resource Ecology Lab University of California at Davis	7/31/97 - 9/29/98	9005 \$188,901
Integrated Modeling & Assessment for Balancing Food Security, Conservation, & Ecosystem Integrity	Coughenour,Michael B Galvin,Kathleen	Natural Resource Ecology Lab University of California at Davis	7/31/97 - 9/29/98	9006 \$136,099
U.S. Agroecozones using GIS Colorado	Elliott,Edward T	Natural Resource Ecology Lab USDA-ARS-Agricultural Research Service	5/21/96 - 9/30/99	2074 \$24,000
Research in Agriculture	Elliott,Edward T	Natural Resource Ecology Lab USDA-ARS-Agricultural Research Service	10/1/96 - 9/30/97	8020 \$3,512
Research in Agricultural Sciences	Elliott,Edward T	Natural Resource Ecology Lab USDA-ARS-Agricultural Research Service	10/1/97 - 9/30/98	8031 \$33,465
Spatially Explicit Projections of C Dynamics with Global Change in the Central Unit...	Elliott,Edward T Paustian,Keith H	Natural Resource Ecology Lab University of Nebraska	7/1/96 - 6/30/99	9300 \$85,000
Land Use Change in the East African Savanna: A Case Study of Northern Tanzania	Galvin,Kathleen Ellis,James	Natural Resource Ecology Lab NSF-SBE-Social, Behav & Econ Sciences	7/15/97 - 6/30/99	3257 \$107,653
Land Use Change in the East African Savanna: A Case Study of Northern Tanzania	Galvin,Kathleen Ellis,James	Natural Resource Ecology Lab NSF-SBE-Social, Behav & Econ Sciences	7/15/97 - 6/30/99	3257 \$4,410

Natural Resources - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Ranking Conservation Priorities of Vertebrates in Colorado	Gross,John E	Natural Resource Ecology Lab Colorado Division of Wildlife	10/7/97 - 6/30/98	0209 \$30,160
SCOP: A System for Conservation	Hobbs,N Thompson Gross,John E	Natural Resource Ecology Lab Colorado Division of Wildlife	7/2/97 - 6/30/98	0072 \$193,390
Ecological Modeling in Support of County Decision Making	Hobbs,N Thompson	Natural Resource Ecology Lab Colorado Division of Wildlife	10/24/97 - 6/30/98	0218 \$185,129
An Ecosystem Approach for Comparing Alternatives for Managing Elk Populations	Hobbs,N Thompson Coughenour,Michael B Ellis,James	Natural Resource Ecology Lab Colorado Division of Wildlife	3/1/98 - 3/30/99	0251 \$55,959
Ecological Modeling in Support of County Decision Making (GIS)	Hobbs,N Thompson	Natural Resource Ecology Lab Colorado Division of Wildlife	9/1/96 - 6/30/98	0981 \$35,000
Biotic Controls on Soil C Dynamics & N Cycling Under Elevated CO2	Milchunas,Daniel G Wall,Diana H Niles,Robert K	Natural Resource Ecology Lab NSF-GEO-Geosciences	4/1/98 - 3/31/01	3169 \$450,000
Century Erosion Study	Ojima,Dennis Parton,William J	Natural Resource Ecology Lab DOI-USGS-Geological Survey	9/15/97 - 9/30/98	1728 \$35,000
Workshop on the Development of a Temperate East Asia Land-cover Database	Ojima,Dennis	Natural Resource Ecology Lab National Aeronautics & Space Admin.	8/1/97 - 7/31/98	1943 \$35,000
Using Multi-Sensor Data to Model Factors Limiting Carbon Balance in Global Arid...	Ojima,Dennis Parton,William J	Natural Resource Ecology Lab NASA - Nat'l Aeronautics & Space Admin.	6/1/97 - 5/31/99	1944 \$571,490
VEMAP Phase II (Vegetation/Ecosystem Modeling & Analysis Project)	Ojima,Dennis Parton,William J	Natural Resource Ecology Lab National Aeronautics & Space Admin.	7/1/97 - 6/30/98	1946 \$101,452
Integrated Nitrogen Cycle Analysis of Land Use Practices in the U.S. & China	Ojima,Dennis	Natural Resource Ecology Lab UCAR-NCAR-Nat Ctr for Atmospheric Res	9/1/96 - 8/31/98	3430 \$33,338
Land Use & Climate Change Impacts on Carbon Fluxes (LUCCI)	Ojima,Dennis	Natural Resource Ecology Lab University of Nebraska	7/1/96 - 6/30/99	3901 \$75,000
Regional Climate Change Impacts on the Great Plains	Ojima,Dennis	Natural Resource Ecology Lab University of California at Davis	4/21/97 - 5/1/98	3983 \$76,189
Projecting the Effect of Global Change on Vegetation in Park Landscapes in the Central...	Ojima,Dennis Detling,James K	Natural Resource Ecology Lab DOI-NPS-National Park Service	5/1/94 - 4/1/99	4108 \$16,014
Land Use in Temperate East Asia Training & Data Base Development Workshop	Ojima,Dennis	Natural Resource Ecology Lab Asian-Pacific Network for Global Change	5/1/98 - 4/30/99	5738 \$35,000
Bio-Atmospheric Cycles of Nitrogen & Carbon: Linking Global Air Pollution...	Parton,William J	Natural Resource Ecology Lab National Aeronautics & Space Admin.	8/1/97 - 7/31/98	1932 \$25,000

Natural Resources - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Long-Term Ecological Research on the Luquillo Experiment Forest	Parton,William J	Natural Resource Ecology Lab University of Puerto Rico	10/15/94 - 10/14/98	3465 \$16,083
A Regional Assessment of Land Use Effect on Ecosystem Structure & Function...	Parton,William J	Natural Resource Ecology Lab EPA-Environmental Education Grants	10/1/96 - 9/30/99	5855 \$108,260
Global Climate Change: Emissions, Control & Economic Analysis	Parton,William J Ojima,Dennis	Natural Resource Ecology Lab RCG/Hagler, Bailly, Inc.	1/23/97 - 2/15/97	5902 \$2,600
Population & Environment in the U.S. Great Plains	Parton,William J Galvin,Kathleen	Natural Resource Ecology Lab University of Texas at Austin	8/1/96 - 7/31/00	7503 \$117,925
Developing Soil C Sequestration as a Commodity, for CO2 Emission Mitigation in U.S....	Paustian,Keith H	Natural Resource Ecology Lab USDA-CSRS-Coop. States Research Service	2/18/98 - 2/28/01	1440 \$400,000
Quantifying the Change in Greenhouse Gas Emissions Due to Natural Resource Conservation...	Paustian,Keith H Elliott,Edward T	Natural Resource Ecology Lab USDA-NRCS-Natural Resources Consvtn Srv	9/30/96 - 9/30/98	2090 \$60,000
Quantifying Carbon Sequestration Potential Through Improved Pasture Management	Paustian,Keith H Elliott,Edward T	Natural Resource Ecology Lab EPA-Surveys, Studies, Investigations	6/1/98 - 5/31/01	5863 \$112,839
Soil Organic Matter Dynamics & Management Decision Making in an Enriched CO2 Environment	Paustian,Keith H Elliott,Edward T	Natural Resource Ecology Lab Michigan State University	9/15/97 - 9/14/98	9342 \$90,377
The NBS Global Change Data Center	Simmons,Carol L	Natural Resource Ecology Lab DOI-National Biological Survey	5/16/95 - 9/30/98	4152 \$20,000
Landscape-Scale Assessment of Native & Exotic Plant Diversity & Cryptobiotic Crusts in...	Stohlgren,Thomas Reich,Robin M	Natural Resource Ecology Lab DOI-BLM-Bureau of Land Management	3/1/98 - 2/28/99	4196 \$150,000
Rapid Assessment & Monitoring of Exotic Plant Diversity in the Central Region	Stohlgren,Thomas Detling,James K	Natural Resource Ecology Lab DOI-USGS-Geological Survey	3/1/98 - 2/28/03	4198 \$50,000
Declining Native Plant Diversity Caused by Invasive Weeds & Interactions with Grazing: ...	Stohlgren,Thomas J Singer,Francis J Coughenour,Michael B	Natural Resource Ecology Lab DOI-National Biological Survey	6/1/96 - 6/1/99	1744 \$75,000
Developing an Inventory & Monitoring Plan for Rocky Mountain National Park	Stohlgren,Thomas J Coughenour,Michael B	Natural Resource Ecology Lab DOI-National Biological Survey	6/1/96 - 6/1/99	1746 \$50,000
Support for Global Change Research Program	Stohlgren,Thomas J Swift,David M	Natural Resource Ecology Lab DOI-NPS-National Park Service	4/1/94 - 4/1/99	1819 \$48,394
Summitville Mine Ecological Risk Assessment: Soil, Vegetation & Livestock Exposure...	Stohlgren,Thomas J	Natural Resource Ecology Lab DOI-USGS-Geological Survey	7/31/97 - 8/31/98	1894 \$56,486
Landscape Gap Analysis	Stohlgren,Thomas J Coughenour,Michael B	Natural Resource Ecology Lab DOI-NPS-National Park Service	5/1/94 - 6/1/99	4113 \$107,868

Natural Resources - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Measurement of Mercury Deposition at Chassahowitzka & Okefenokee National Wildlife...	Swift,David M Welker,Mary C	Natural Resource Ecology Lab DOI-NPS-National Park Service	7/8/97 - 9/30/98	1734 \$28,064
The National Atmospheric Deposition Program (NRSP-3)	Swift,David M	Natural Resource Ecology Lab USDA-CSRS-Coop. States Research Service	10/1/92 - 9/30/97	2113 \$203,376
The National Atmospheric Deposition Program (NRSP-3)	Swift,David M	Natural Resource Ecology Lab USDA-CSRS-Coop. States Research Service	10/1/92 - 9/30/97	2113 \$152,797
Shortgrass Steppe Ecosystem Dynamics & Trace Gas Exchange under Elevated CO2	Valentine,David W Parton,William J Ojima,Dennis	Natural Resource Ecology Lab USDA-ARS-Agricultural Research Service	1/22/96 - 12/30/00	2029 \$45,000
GIS to Determine Alfalfa Stem Nematode Occurrence & Alfalfa Disease Risk in the...	Wall,Diana H Niles,Robert K	Natural Resource Ecology Lab USDA-Western Region I.P.M. Program	9/15/97 - 9/30/00	1430 \$196,499
U.S.-Hungary Grassland Comparisons: Response of Vegetation to Environmental Constraints	Wall,Diana H	Natural Resource Ecology Lab New Mexico State University	4/1/98 - 3/31/99	3659 \$37,644
Soil & Sediment Biodiversity & Ecosystem Functioning Workshop	Wall,Diana H	Natural Resource Ecology Lab Winslow Foundation	3/15/98 - 3/14/99	5464 \$16,000
Range-Watershed Training for Native Americans	Bartlett,Ellsworth T Smith,Freeman M	Rangeland Ecosystem Science USDA-USFS-Rocky Mtn. Rsrch Station - CO	5/23/94 - 9/30/97	8756 \$19,999
Long Term Ecological Research Program: Shortgrass Steppe	Burke,Ingrid C Lauenroth,William K	Rangeland Ecosystem Science NSF-Biological Centers	2/1/97 - 1/31/03	3033 \$560,000
Long Term Ecological Research Program: Shortgrass Steppe	Burke,Ingrid C Lauenroth,William K	Rangeland Ecosystem Science NSF-Biological Centers	3/17/97 - 1/31/99	3201 \$22,000
A Regional Assessment of Land Use Effect on Ecosystem Structure & Function...	Burke,Ingrid C Lauenroth,William K	Rangeland Ecosystem Science EPA-Environmental Education Grants	10/1/96 - 9/30/99	5854 \$304,862
Agricultural Research Internships for Early Career South African Scientists	Child,Dennis R	Rangeland Ecosystem Science USDA-ARS-Agricultural Research Service	9/30/96 - 9/29/01	2087 \$60,000
Erosional Soil Loss & Its Effects on Rangeland Health & Productivity	Child,Dennis R	Rangeland Ecosystem Science USDA-ARS-Agricultural Research Service	6/18/97 - 4/15/02	2102 \$150,000
Ecological Plant Classification & Monitoring	Child,Dennis R	Rangeland Ecosystem Science USDA-USFS-Rocky Mtn. Rsrch Station - CO	9/23/97 - 3/31/00	8730 \$32,000
Ecological Classification of Riparian Ecosystem & Seral Communities	Child,Dennis R	Rangeland Ecosystem Science USDA-USFS-Rocky Mtn. Rsrch Station - CO	5/18/98 - 1/15/99	8857 \$16,013
Biodiversity of a Montane Riparian Ecosystem as Affected by Previous Grazing	Leininger,Wayne C Trlica,Milton J Jr	Rangeland Ecosystem Science USDA-CSRS-Coop. States Research Service	9/1/97 - 8/31/99	1427 \$80,000

Natural Resources - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
The Role of Natural Grazing Refuges in Grassland Biodiversity	Milchunas,Daniel G	Rangeland Ecosystem Science U.S.-Israel Binational Science Found.	10/1/97 - 9/30/98	5705 \$14,750
Reclamation Plan for Summitville Super Fund Site	Redente,Edward F	Rangeland Ecosystem Science Colorado Dept Public Health & Environ	6/1/95 - 10/31/98	0796 \$67,472
Long-term Consequences of N Stress on Recovery of Rangelands & Abandoned Croplands	Redente,Edward F Paschke,Mark W Klein,Donald A	Rangeland Ecosystem Science USDA-CSRS-Coop. States Research Service	10/1/97 - 9/30/00	1429 \$265,000
Cooperative Work / Education Agreement for Rebecca Addington	Redente,Edward F	Rangeland Ecosystem Science DOD-ARMY-CERL-Const. Engineer. Res. Lab.	10/1/96 - 9/30/97	2339 \$702
Cooperative Work/Education Agreement for Rebecca Addington	Redente,Edward F	Rangeland Ecosystem Science DOD-ARMY-CERL-Const. Engineer. Res. Lab.	10/1/97 - 9/30/98	2457 \$16,862
Evaluate & Establish Selected Native Plant Materials on Mancos Shale Soils	Redente,Edward F McLendon,Terry	Rangeland Ecosystem Science DOI-NPS-National Park Service	9/1/93 - 9/1/98	2884 \$25,000
Restoration at Rocky Mountain Arsenal National Wildlife Refuge	Redente,Edward F	Rangeland Ecosystem Science DOI-USFWS-Fish & Wildlife Service	5/1/95 - 4/30/00	4162 \$56,574
Cooperative Work/Education Agreement for Dafna Reiner	Redente,Edward F	Rangeland Ecosystem Science DOD-ARMY-CERL-Const. Engineer. Res. Lab.	6/1/98 - 9/30/98	7386 \$6,193
Cooperative Work/Education Agreement for Holly Zadeh	Redente,Edward F	Rangeland Ecosystem Science DOD-ARMY-CERL-Const. Engineer. Res. Lab.	6/1/98 - 9/30/98	7387 \$6,193
Ecological Classification for the Shortgrass Prairie Ecosystem	Rittenhouse,Larry R	Rangeland Ecosystem Science USDA-USFS-Forest Research	9/30/96 - 12/31/99	8765 \$9,800
Vegetation & Soils of the Comanche National Grasslands	Rittenhouse,Larry R Kelly,Eugene F	Rangeland Ecosystem Science USDA-USFS-Forest Research	6/28/95 - 12/31/99	8830 \$5,000
Turkey Project Training Expert, Larry Rittenhouse; Group 7A Tour of 10 Participants...	Rittenhouse,Larry R	Rangeland Ecosystem Science CID-Consortium for Inter. Development	9/10/97 - 10/10/97	9212 \$13,852
Turkey East Anatolia Watershed Rehabilitation Project, Overseas Training Component (EAWT)	Rittenhouse,Larry R	Rangeland Ecosystem Science CID-Consortium for Inter. Development	6/21/98 - 7/5/98	9290 \$7,333
Habitat Assessment Project	Roath,L Roy	Rangeland Ecosystem Science Colorado Division of Wildlife	6/1/97 - 5/31/99	0067 \$37,172
Habitat Management Support	Roath,L Roy	Rangeland Ecosystem Science Colorado Division of Wildlife	7/1/97 - 6/30/98	0092 \$68,000
Test of Habitat Evaluation Procedure for Bighorn Sheep	Swift,David M	Rangeland Ecosystem Science Colorado Division of Wildlife	12/3/97 - 6/30/98	0231 \$16,000

Natural Resources - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Influence of Grazing on Mountain Plover Habitat	Trlica, Milton J Jr	Rangeland Ecosystem Science USDA-USFS-Rocky Mtn. Rsrch Station - CO	7/18/95 - 5/30/98	8771 \$7,000

Natural Sciences - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Undergraduate Research in Molecular Biosciences	Bamburg,James R Curthoys,Norman P	Biochemistry & Molecular Bio NSF-Biological Centers	3/1/96 - 2/28/99	3070 \$50,000
ADF/Cofilin in Early Vertebrate Development--Reentry Supplement	Bamburg,James R	Biochemistry & Molecular Bio HHS-PHS-Biophysics & Physiological Sci.	4/1/97 - 3/31/01	7623 \$53,933
ADF/Cofilin in Early Vertebrate Development	Bamburg,James R	Biochemistry & Molecular Bio HHS-PHS-Biophysics & Physiological Sci.	4/1/97 - 3/31/01	7623 \$28,971
Regulation & Function of Actin Depolymerizing Factor	Bamburg,James R	Biochemistry & Molecular Bio HHS-NIH-Nat Inst of General Medical Sci	12/1/84 - 3/31/00	7732 \$213,664
ADF/Cofilin in Early Vertebrate Development	Bamburg,James R	Biochemistry & Molecular Bio HHS-PHS-Biophysics & Physiological Sci.	4/1/97 - 3/31/01	7749 \$141,564
Actin Reorganization via Ca-signaling in Growth Cones	Bamburg,James R	Biochemistry & Molecular Bio HHS-PHS-Senior International Fellowships	7/12/97 - 5/31/99	7926 \$34,284
Neuronal Actin Dynamics & Neonatal Ischemic Injury	Bernstein,Barbara W	Biochemistry & Molecular Bio March of Dimes	6/1/98 - 5/31/00	5465 \$50,000
Mechanism of pH-response in PCK Gene Expression	Curthoys,Norman P	Biochemistry & Molecular Bio HHS-PHS-Kidney Dis., Urology/Hematology	7/1/91 - 6/30/01	7736 \$170,578
Control of Renal Glutaminase Induction During Acidosis	Curthoys,Norman P	Biochemistry & Molecular Bio HHS-PHS-Diabetes, Endocrin. & Metab. Res	8/25/97 - 3/31/02	7762 \$178,546
Control of Renal Glutaminase Induction during Acidosis	Curthoys,Norman P	Biochemistry & Molecular Bio HHS-PHS-Diabetes, Endocrin. & Metab. Res	8/25/97 - 3/31/02	7762 \$181,603
Fellowship for Andrea Terrell	Laybourn,Paul J	Biochemistry & Molecular Bio CIRB-Colo. Inst.of Research in Biotech.	7/1/97 - 6/30/98	0205 \$8,000
Chromatin Structure & the Regulation of Gene Activity	Laybourn,Paul J	Biochemistry & Molecular Bio Council for Tobacco Research - USA, Inc.	7/1/94 - 12/31/98	5568 \$35,000
Macromolecular Recognition by Unstructured Heteropolymers	Lumb,Kevin J	Biochemistry & Molecular Bio American Chemical Society	1/1/98 - 8/31/00	5372 \$20,000
Mechanism of Cyclin A-Cdk2 Inhibition by p57	Lumb,Kevin J	Biochemistry & Molecular Bio HHS-PHS-Genetics Research	1/1/97 - 12/31/01	7699 \$94,870
Mechanism of Cyclin A-Cdk2 Inhibition by p57	Lumb,Kevin J	Biochemistry & Molecular Bio HHS-PHS-Genetics Research	1/1/97 - 12/31/01	7800 \$4,759
CIRB Fellowship	Nyborg,Jennifer K	Biochemistry & Molecular Bio CIRB-Colo. Inst.of Research in Biotech.	7/1/97 - 6/30/98	0095 \$8,000
Transcriptional Regulation by the HTLV I Tax Protein	Nyborg,Jennifer K	Biochemistry & Molecular Bio HHS-NIH-NCI-National Cancer Institute	12/15/93 - 11/30/02	7782 \$225,703

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Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Graduate Training in Biochemistry & Molecular Biology	Paule,Marvin R	Biochemistry & Molecular Bio	8/15/98 -	4263
		DE-Graduate Assist/Areas of Natl Need	8/14/01	\$151,332
RNA Polymerase I Transcription & Regulation Mechanisms	Paule,Marvin R	Biochemistry & Molecular Bio	4/1/79 -	7720
		HHS-PHS-Genetics Research	12/31/99	\$250,871
Reaction Center Dynamics	Schenck,Craig C Levinger,Nancy E	Biochemistry & Molecular Bio	8/15/97 -	1426
		USDA-CSRS-CGP-Competitive Grants Program	8/31/99	\$110,000
Mechanisms of Transcriptional Activation in Vivo	Stargell,Laurie A	Biochemistry & Molecular Bio	2/1/98 -	5458
		March of Dimes	1/31/00	\$50,000
Genetic Analysis of Transcription Initiation	Stargell,Laurie A	Biochemistry & Molecular Bio	1/1/98 -	7781
		HHS-PHS-Genetics Research	12/31/98	\$167,853
Optical Properties of Biological Macromolecules	Woody,Robert W	Biochemistry & Molecular Bio	12/1/76 -	7669
		HHS-PHS-Biophysics & Physiological Sci.	11/30/98	\$246,894
Use of Transgenic Plants & Pollen to Study Pollen Extensins	Bedinger,Patricia A	Biology	6/1/97 -	3265
		National Science Foundation	5/31/98	\$57,486
Use of Transgenic Plants & Pollen to Study Pollen Extensions - Research Experience Undergrad...	Bedinger,Patricia A	Biology	5/1/98 -	3524
		NSF-Biological Centers	7/31/98	\$5,000
Predicting the Effect of Global Change on Vegetation in Park Landscapes in the Central...	Detling,James K Ojima,Dennis	Biology	5/1/94 -	4110
		DOI-NPS-National Park Service	4/1/99	\$15,986
Carbohydrate & Lipid Metabolism in Mammals	Florant,Gregory L	Biology	9/1/96 -	3183
		NSF-Biological Centers	8/31/98	\$13,032
Carbohydrate & Lipid Metabolism in Mammals	Florant,Gregory L	Biology	9/1/96 -	3187
		NSF-Biological Centers	8/31/98	\$11,250
Evolution of Complex Colony Structure in Social Insects	Herbers,Joan M	Biology	7/1/95 -	3227
		NSF-Biological Centers	6/30/99	\$66,663
Evolution of Complex Colony Structure in Social Insects - Off Campus Project	Herbers,Joan M	Biology	7/1/95 -	3229
		NSF-Biological Centers	6/30/99	\$9,337
Alteration & Targeting Lipid Production in Transgenic Plants	Medford,June I	Biology	7/1/97 -	0127
		Cargill, Inc.	6/30/98	\$17,500
Characterization of a Limb Autotomy Factor, LAFpro, that Suspends Molting...	Mykles,Donald L	Biology	7/15/97 -	3518
		NSF-Biological Centers	7/31/99	\$2,500
Manipulation of Expression of KCBP in Arabidopsis	Reddy,Anireddy S N	Biology	7/1/97 -	0094
		CIRB-Colo. Inst.of Research in Biotech.	6/30/98	\$8,000

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Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Gravity-induced Changes in Gene Expression in Arabidopsis	Reddy,Anireddy S N Mykles,Donald L Sadeh,Willy Z	Biology National Aeronautics & Space Admin.	9/22/97 - 9/21/98	1949 \$172,340
Functional Analysis of a Novel Calmodulin-Binding Protein from Arabidopsis	Reddy,Anireddy S N	Biology NSF-Biological Centers	8/1/96 - 7/31/99	3247 \$99,310
Functional Analysis of a Novel Calmodulin-Binding Protein from Arabidopsis	Reddy,Anireddy S N	Biology NSF-Biological Centers	8/1/96 - 7/31/99	3318 \$8,125
Mapping Recombination Nodules on Synaptonemal Complexes of Maize	Stack,Stephen	Biology NSF-Biological Centers	3/1/98 - 2/28/02	3511 \$101,160
Mapping Recombination Nodules on Synaptonemal Complexes of Maize	Stack,Stephen	Biology NSF-Biological Centers	3/1/98 - 2/28/02	3515 \$4,875
Evaluation of the National Hydrogeomorphic Slope Wetland Guidebook Applied to the...	Steingraeber,David A	Biology Colorado Department of Natural Resources	5/26/98 - 8/30/99	0258 \$53,063
Phylogenetic & Monographic Studies in the Aralia-Panax Complex of the Ginseng Family ...	Wen,Jun	Biology NSF-Biological Centers	4/1/98 - 3/31/01	3523 \$120,000
Evolution of North Temperate Disjunct Plants	Wen,Jun	Biology University of Connecticut	12/1/97 - 11/30/99	5366 \$2,000
Evolution of North Temperate Disjunct Plants	Wen,Jun	Biology University of Connecticut	12/1/97 - 11/30/99	9500 \$2,000
Effects of Changing Land Use on Wildlife Diversity	Wiens,John A Miller,James Robert	Biology Colorado Division of Wildlife	7/1/97 - 6/30/98	0078 \$15,010
Within- & Across-site Variation in Ant Community Structure & Ecosystem (REU Supplement)	Wiens,John A	Biology NSF-Biological Centers	10/1/95 - 9/30/99	3123 \$5,000
Balancer Chromosomes in Mosquitoes	Wilson,Thomas G	Biology MacArthur Foundation *	1/1/95 - 12/31/98	5406 \$12,252
Development of Brown Tree Snake Baits & Repellents	Wright,William G	Biology USDA-APHIS-Ag & Plant Health Insp Srvc	10/1/97 - 9/30/98	2045 \$32,010
Development of Brown Tree Snake Baits & Repellents	Wright,William G	Biology USDA-APHIS-Ag & Plant Health Insp Srvc	10/1/96 - 9/30/97	2097 \$4,996
Rearing & Analysis of Reintroduction Methods for Boreal Toads	Wunder,Bruce A	Biology Colorado Division of Wildlife	7/1/97 - 6/30/98	0090 \$23,524
Baseline Conditions & Potential Effects Acid Mine Drainage on Water...	Wunder,Bruce A Nimmo,Del Wayne R	Biology DOI-National Biological Survey	5/1/96 - 10/30/99	1807 \$62,222

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Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Toxicological Studies at the Eastern Municipal Water District Wetlands, Hemet, California...	Wunder,Bruce A Nimmo,Del Wayne R	Biology DOI-National Biological Survey	6/1/96 - 11/30/98	1827 \$13,000
Determining the Efficacy of Aerosol/Non Lethal Chemical Bird Repellents	Wunder,Bruce A	Biology USDA-APHIS-Ag & Plant Health Insp Srvc	10/1/97 - 9/30/98	2053 \$13,420
Connected Math Projects Program	Bruckhart,Glenn	Center For Sci, Math & Tech Ed Michigan State University	6/1/96 - 5/31/98	3403 \$24,000
Excellence in Learning through Technology: Chemtrek II	Stein,Fredrick M Thompson,Stephen	Center For Sci, Math & Tech Ed CCHE-Commission on Higher Education	6/18/97 - 6/30/99	0108 \$93,250
Regional Elementary Mathematics Teacher Enhancement Project	Stein,Fredrick M	Center For Sci, Math & Tech Ed CCHE-Commission on Higher Education	4/1/98 - 8/31/99	0125 \$60,000
Colorado Statewide Systems Initiative	Stein,Fredrick M	Center For Sci, Math & Tech Ed Colorado Department of Education	9/1/93 - 8/31/98	0591 \$22,500
Rocky Mountain Teacher Education Collaborative	Stein,Fredrick M Hartley,Nancy K	Center For Sci, Math & Tech Ed University of Northern Colorado	6/15/94 - 5/31/98	3446 \$227,117
American Association for the Advancement of Science/MacArthur - Teacher Education Project	Stein,Fredrick M Jones,Christine S	Center For Sci, Math & Tech Ed University of Northern Colorado	11/1/96 - 2/1/99	5375 \$18,000
American Indian Science Teachers	Stein,Fredrick M	Center For Sci, Math & Tech Ed Packard Foundation (David & Lucile) *	5/1/98 - 12/31/98	5469 \$5,000
American Indian Science & Engineering Society/CSMATE Proposal for Regional EPA Grant	Stein,Fredrick M	Center For Sci, Math & Tech Ed EPA-Environmental Educ & Training Prog	5/11/98 - 6/8/99	5860 \$25,000
Pollution Prevention in General Chemistry	Stein,Fredrick M	Center For Sci, Math & Tech Ed PETE-Partnership for Environmental Techn	10/1/96 - 12/30/98	5900 \$162,162
Biophysical Investigations of Fc Epsilon RI-MAFA Interactions	Barisas,B George	Chemistry U.S.-Israel Binational Science Found.	9/1/97 - 8/31/98	5703 \$6,900
Membrane Dynamics & Function of MHC Class II Mutants	Barisas,B George	Chemistry HHS-AID-Alrgy, Immun & TrnspIntatn Resrh	8/1/94 - 4/30/99	7657 \$188,776
Radical Reactions Relevant to Atmospheric & Combustion Chemistry	Bernstein,Elliot R	Chemistry NSF-MPS-Mathematical & Physical Sciences	3/1/96 - 2/28/99	3028 \$105,000
Metallobiochemistry of Vanadium (V)	Crans,Debbie C	Chemistry HHS-PHS-Pharmacology & Biorelated Chem	4/1/89 - 3/31/99	7677 \$155,691
Directed Synthesis Using Zintl Ion Building Blocks	Dorhout,Peter K	Chemistry NSF-MPS-Mathematical & Physical Sciences	5/1/96 - 4/30/00	3119 \$73,000
Directed Synthesis Using Zintl Ion Building Blocks	Dorhout,Peter K	Chemistry NSF-MPS-Mathematical & Physical Sciences	5/1/96 - 4/30/00	3119 \$10,000

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Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
A Study of New Actinide Zintl Ion Materials	Dorhout,Peter K	Chemistry DOE-Office of Energy Research	9/1/97 - 8/31/00	3820 \$77,039
Development of an Interactive CD-ROM for the Teaching of Solid State Chemistry	Dorhout,Peter K	Chemistry Camille & Henry Dreyfus Foundation *	8/1/98 - 7/31/00	5463 \$32,688
Electroactive Polymers - Application to Analysis, New Materials & Catalysis	Elliott,C Michael	Chemistry National Science Foundation	1/15/98 - 12/31/00	3338 \$408,860
Studies of Intramolecular Photoinduced Charge Separation & Donor-Acceptor Interaction...	Elliott,C Michael	Chemistry US Department of Energy	9/15/97 - 1/14/01	3837 \$187,000
Polyoxoanion-Stabilized Transition Metal Nanoclusters: Soluble Analogs of Heterogeneous...	Finke,Richard G	Chemistry DOE-Office of Energy Research	12/1/95 - 11/30/98	3805 \$115,400
B12 Dependent Ribonucleotide Reductase Metallochemistry	Finke,Richard G	Chemistry HHS-PHS-Diabetes, Endocrin. & Metab. Res	7/1/79 - 6/30/98	7655 \$155,961
Surface Reactivity of SiC _{1x} Radicals During Plasma Deposition of Amorphous...	Fisher,Ellen R	Chemistry DOD-NAVY-ONR-Office of Naval Research	5/1/95 - 4/30/98	2548 \$30,000
Investigation of Plasma Deposition Mechanisms for Silicon Dioxide & Silicon Nitride Films	Fisher,Ellen R	Chemistry NSF-MPS-Mathematical & Physical Sciences	5/1/95 - 4/30/98	3086 \$13,194
Plasma Modification of Hydrophobic Membranes	Fisher,Ellen R	Chemistry University of Colorado	11/21/97 - 12/31/00	3434 \$90,000
Editorial Office for Journal of Chemical Physics	Fixman,Marshall Ladanyi,Branka M	Chemistry American Institute of Physics	8/1/94 - 7/31/99	5597 \$203,509
An Alternative to Autografts for Orofacial Repair	Grainger,David W	Chemistry Oregon Health Sciences University	10/30/96 - 5/31/00	4347 \$9,995
Surface Chemistry Influences on Cell Signalling & Proliferation	Grainger,David W	Chemistry HHS-PHS-Biophysics & Physiological Sci.	1/1/98 - 12/31/98	4471 \$25,620
Surface Chemistry Influences on Cell Signalling & Proliferation	Grainger,David W	Chemistry HHS-PHS-Biophysics & Physiological Sci.	1/1/98 - 12/31/98	4471 \$131,839
Immiscible Microstructures & Lateral Mobility in Binary Mixed Hydrocarbon....	Grainger,David W	Chemistry American Chemical Society	1/1/98 - 8/31/00	5369 \$10,000
Immiscible Microstructures & Lateral Mobility in Binary Mixed Hydrocarbon....	Grainger,David W	Chemistry American Chemical Society	1/1/98 - 8/31/00	5369 \$50,000
Hewlett Packard Graduate Student Research Fellowship	Grainger,David W Fisher,Ellen R	Chemistry Hewlett Packard *	5/15/96 - 6/30/98	6176 \$58,000
New Methods & Applications for Bioconjugation	Greenberg,Marc M	Chemistry University of Colorado	7/1/97 - 6/30/98	0093 \$15,000

Natural Sciences - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Colorado State University Department of Chemistry Undergraduate Summer Research Program	Greenberg,Marc M	Chemistry National Science Foundation	2/1/97 - 1/31/00	3182 \$53,000
Development & Application of Oligonucleotide Synthesis Methods	Greenberg,Marc M	Chemistry NSF-MPS-Mathematical & Physical Sciences	6/1/98 - 5/31/01	3520 \$135,000
Mechanistic Studies of Nucleic Acid Damage	Greenberg,Marc M	Chemistry HHS-PHS-Pharmacology & Biorelated Chem	7/1/97 - 6/30/01	4446 \$145,793
Mechanistic Studies of Nucleic Acid Damage	Greenberg,Marc M	Chemistry HHS-PHS-Pharmacology & Biorelated Chem	7/1/97 - 6/30/01	4446 \$160,512
Effects of Formamidopyrimidine Lesions on Nucleic Acid Structure & Function	Greenberg,Marc M	Chemistry HHS-NIH-NCI-National Cancer Institute	9/10/97 - 7/31/01	4466 \$154,139
Organometallic Syntheses of Bioactive Compounds	Hegedus,Louis S	Chemistry HHS-PHS-Pharmacology & Biorelated Chem	4/1/79 - 3/31/00	4418 \$238,898
Synthesis of Bioactive Cyclams, Biscyclam & Complexes	Hegedus,Louis S Greenberg,Marc M	Chemistry HHS-PHS-Pharmacology & Biorelated Chem	8/1/97 - 7/31/00	4448 \$150,634
Electron Transfer Dynamics at Semiconductor Nanocluster Interfaces	Kelley,David F	Chemistry US Department of Energy	9/25/96 - 10/31/99	3801 \$100,001
Solvation & Reaction Dynamics in Liquids & Molecular Clusters	Ladanyi,Branka M	Chemistry NSF-MPS-Mathematical & Physical Sciences	8/1/95 - 1/31/99	3235 \$64,000
Solvation & Reaction Dynamics in Liquids & Molecular Clusters	Ladanyi,Branka M	Chemistry NSF-MPS-Mathematical & Physical Sciences	8/1/95 - 1/31/99	3235 \$92,600
Dynamics of Polar Solvation & Chemical Reactions at the Interface between Immiscible...	Levinger,Nancy E	Chemistry NSF-MPS-Mathematical & Physical Sciences	8/1/94 - 7/31/98	3387 \$48,000
Solvation & Electron Transfer Dynamics in Reverse Micelles	Levinger,Nancy E	Chemistry American Chemical Society	8/1/97 - 8/31/99	5196 \$50,000
Ecosystem Significance of Soil as a Long Term Sink for Anthropogenic Additions of Nitrogen	Maciel,Gary E	Chemistry NSF-Biological Centers	8/1/97 - 7/31/00	3513 \$31,610
Ecosystem Significance of Soil as a Long Term Sink for Anthropogenic Additions of Nitrogen	Maciel,Gary E	Chemistry NSF-Biological Centers	8/1/97 - 7/31/00	3513 \$31,610
Multinuclear Magnetic Resonance Study of the Interactions of Pollutants with Major Soil...	Maciel,Gary E	Chemistry DOE-Basic Energy Sci / Univ & Sci Educ	7/1/95 - 6/30/98	3860 \$110,000
NMR Studies of Modified Carbon Blacks	Maciel,Gary E	Chemistry Cabot Power Corp.	1/1/97 - 1/1/98	6229 \$15,921
NMR Studies of Modified Carbon Blacks	Maciel,Gary E	Chemistry Cabot Power Corp.	1/1/97 - 8/31/98	6229 \$15,921

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Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Electrochemical & Optical Investigations of Nanostructure Ensembles	Martin,Charles R	Chemistry DOD-NAVY-ONR-Office of Naval Research	10/1/90 - 9/30/99	2391 \$103,227
Investigations of Electronically Conductive Polymer Nanostructures	Martin,Charles R Hochheimer,Hans D	Chemistry NSF-MPS-Mathematical & Physical Sciences	6/1/96 - 5/31/99	3125 \$78,519
Apoenzyme-based Molecular-recognition Membranes for Enantioseparations	Martin,Charles R	Chemistry NSF - Engineering Grant	9/1/97 - 8/31/98	3140 \$49,665
Nanomaterials in Secondary Battery Research & Development	Martin,Charles R Fisher,Ellen R	Chemistry DOE-Office of Energy Research	9/15/95 - 12/14/98	3866 \$80,000
Link Foundation Fellowship - C. Patrissi	Martin,Charles R	Chemistry Link Foundation	7/1/98 - 6/30/99	5470 \$18,000
Carbon Tubules & Membranes	Martin,Charles R	Chemistry Midwest Research Institute - NREL	11/21/97 - 11/20/98	9341 \$60,000
The Chemistry & Properties of Chiral Oxazolines	Meyers,Albert I	Chemistry NSF-MPS-Mathematical & Physical Sciences	6/15/98 - 4/30/99	3534 \$174,700
Novel Approach Toward the Synthesis of the Terpendoles	Meyers,Albert I James,Brian L	Chemistry HHS-PHS-Pharmacology & Biorelated Chem	4/1/98 - 3/31/99	4430 \$26,176
Biologically Active Compounds Via Chiral Aromatics	Meyers,Albert I	Chemistry HHS-PHS-Pharmacology & Biorelated Chem	5/1/84 - 4/30/99	7690 \$199,244
Approaches to Natural Products Containing Chiral Carbon & Nitrogen Compounds	Meyers,Albert I	Chemistry HHS-PHS-Pharmacology & Biorelated Chem	1/1/85 - 6/30/99	7695 \$228,166
Studies of High Quantum Yield Sensitization Processes at Semiconductor Electrodes	Parkinson,Bruce Alan	Chemistry DOE-Oakridge Operations Office	4/1/96 - 3/31/99	3811 \$110,000
Asymmetric Epoxidation of Olefins by Chiral Dioxiranes	Shi,Yian	Chemistry HHS-PHS-Pharmacology & Biorelated Chem	5/1/97 - 4/30/02	4440 \$92,037
Developing New Methods for Asymmetric Epoxidation of Unfunctionalized Olefins	Shi,Yian	Chemistry Arnold & Mabel Beckman Foundation	7/1/97 - 6/30/99	5446 \$100,000
Alkaloids of Importance in Plant-Insect Interactions	Stermitz, Frank R	Chemistry National Science Foundation	5/1/97 - 4/30/00	3206 \$94,000
Fluorinated Closo-Heteroborane Anions & Nonclassical Metal Carbonyls	Strauss,Steven H	Chemistry NSF-MPS-Mathematical & Physical Sciences	7/15/96 - 6/30/99	3149 \$106,000
Separation & Recovery of Ions from Aqueous Media with Redox-Recyclable Metal...	Strauss,Steven H	Chemistry NSF - Engineering Grant	5/1/98 - 4/30/00	3527 \$66,827
Copper-based CO Adsorbents with CO/Cu Ratios Greater than 1.0	Strauss,Steven H	Chemistry Air Products & Chemicals Inc	3/1/98 - 2/28/99	6299 \$81,676

Natural Sciences - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Fluorinated Polyhedral Borates: Synthesis, Stability, & Cost Performance	Strauss,Steven H	Chemistry	3/16/98 -	6314
		Air Products & Chemicals Inc	3/15/99	\$43,428
Statistical Mechanics of Thermoreversible Gelation (Career)	Szamel,Grzegorz	Chemistry	4/1/96 -	3121
		NSF-MPS-Mathematical & Physical Sciences	3/31/00	\$68,000
The Asymmetric Synthesis of Alpha-Amino Acids	Williams,Robert M	Chemistry	5/1/98 -	3526
		NSF-MPS-Mathematical & Physical Sciences	4/30/01	\$135,000
Synthesis & Mechanism of Cross-Linking of FR900482	Williams,Robert M	Chemistry	4/1/92 -	4420
		HHS-PHS-NCI-Cancer Treatment Center	3/31/00	\$189,315
Total Synthesis & Biosynthesis of Bioactive Substances	Williams,Robert M	Chemistry	1/15/97 -	4433
		HHS-PHS-NCI-Cancer Treatment Center	12/31/00	\$181,451
Learning to Populate Geospatial Databases via Markov Decision Processes	Draper,Bruce	Computer Science	4/28/97 -	2345
		DOD-ARMY-Advanced Concepts & Technology	11/27/98	\$119,264
Exploiting Problem Structure in Scheduling	Howe,Adele Whitley,L Darrell	Computer Science	4/1/97 -	2346
		DOD-ARPA-Advanced Research Proj. Agency	12/31/99	\$135,582
CAREER: Evaluation as the Basis for AI Agent Design	Howe,Adele	Computer Science	8/15/96 -	3166
		NSF-CISE-Computer & Info Sci & Engin	7/31/00	\$39,720
Achieving Ultra-Reliability in Critical Systems	Malaiya,Yashwant K	Computer Science	6/1/96 -	2312
		DOD-NAVY-ONR-Office of Naval Research	5/30/99	\$20,974
Achieving Ultra-Reliability in Critical Systems	Malaiya,Yashwant K	Computer Science	6/1/96 -	2312
		DOD-NAVY-ONR-Office of Naval Research	5/30/99	\$50,000
Achieving Ultra-Reliability in Critical Systems	Malaiya,Yashwant K	Computer Science	6/1/96 -	2312
		DOD-NAVY-ONR-Office of Naval Research	5/30/99	\$20,000
Optimized Compilation of Visual Programs for Image Processing on Adaptive...	Najjar,Walid A Bohm,Anton Pedro Willem Beveridge,J Ross	Computer Science	5/5/98 -	7375
		DOD-USAF-Wright Patterson AFB	12/31/98	\$322,038
Los Alamos National Lab Agreement for Dr. Oldehoeft	Oldehoeft,Rodney R	Computer Science	7/1/97 -	3998
		Univ. California-Los Alamos National Lab	7/1/99	\$17,373
Domain-based Testing with SLEUTH	Vonmayrhauser,Anneliese	Computer Science	7/1/95 -	0826
		CASI-Colorado Advanced Software Inst.	12/31/98	\$17,111
Domain-based Testing with SLEUTH	Vonmayrhauser,Anneliese	Computer Science	7/1/95 -	0826
		CASI-Colorado Advanced Software Inst.	12/31/98	\$34,000
Comparisons & Applications of Local & Global Search	Whitley,L Darrell Beveridge,J Ross	Computer Science	4/1/95 -	3151
		NSF-CISE-Computer & Info Sci & Engin	8/31/98	\$75,000

Natural Sciences - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
NPSC Fellowship--Soroya Rana	Whitley,L Darrell	Computer Science	8/1/93 -	5271
		National Physical Science Consortium	5/31/99	\$11,250
Regional Conference on Core Curriculum Reform	Raich,John C	Dean Of Natural Sciences	1/1/98 -	3383
	Sneider,Thomas W	NSF-EHR-Education & Human Resources	4/30/99	\$16,678
Study Groups in Sciences (CIMD)	Wilburn,Rezzella Harris	Dean Of Natural Sciences	1/1/97 -	3400
		Arizona State University	12/31/97	\$177
Study Workshops in the Sciences	Wilburn,Rezzella Harris	Dean Of Natural Sciences	9/17/97 -	3428
		Arizona State University	9/16/98	\$176
Study Workshops in the Sciences	Wilburn,Rezzella Harris	Dean Of Natural Sciences	1/16/98 -	3499
		Arizona State University	12/18/98	\$176
Students as Leaders in Science (SLS) Assistantships	Wilburn,Rezzella Harris	Dean Of Natural Sciences	8/1/97 -	6179
		Various "For Profit" Sponsors	8/1/98	\$7,500
Lectures on Division Algebras	Demeyer, Frank R	Mathematics	12/1/97 -	3283
		NSF-MPS-Mathematical & Physical Sciences	8/31/98	\$26,107
Articulation, Assessment, & Placement Issues in Mathematics	Hardy,Darel W	Mathematics	7/1/97 -	0119
		CCHE-Commission on Higher Education	6/30/98	\$7,986
Multi-Dimensional Assignment Techniques for Mobile Target Engagement	Poore,Aubrey B	Mathematics	4/1/97 -	2347
		DOD-USAF-Air Force	12/31/99	\$135,000
Photon Burst Mass Spectrometry of Krypton	Fairbank,William M	Physics	12/1/93 -	3947
		Univ. California-Los Alamos National Lab	10/31/97	\$7,057
Scanning Probe Microscopy of Superconducting Systems	Field,Stuart	Physics	8/15/97 -	3071
		NSF-MPS-Mathematical & Physical Sciences	7/31/99	\$57,590
Scanning Probe Microscopy of Superconducting Systems	Field,Stuart	Physics	8/15/97 -	3071
		NSF-MPS-Mathematical & Physical Sciences	7/31/98	\$92,894
Scanning Hall Probe Microscopy of Superconducting Systems (REU Supplement)	Field,Stuart	Physics	5/15/98 -	3519
		NSF-MPS-Mathematical & Physical Sciences	7/31/99	\$4,500
National Science Foundation Young Investigator Award	Gelfand,Martin P	Physics	6/15/94 -	3168
		NSF-MPS-Mathematical & Physical Sciences	6/30/99	\$25,000
Measurement of the Magnetically Induced QED Birefringence of the Vacuum	Lee,Siu Au	Physics	3/1/96 -	1200
		DOC-NIST-Nat. Inst. Standards & Tech..	2/28/99	\$50,000
Light Force Manipulation of Aluminum Atoms	Lee,Siu Au	Physics	3/15/95 -	3470
		Harvard University	1/31/99	\$54,562
Ion/Excited-Atom Collision Studies with a Rydberg Target & a CO2 Laser	Lundeen,Stephen R	Physics	9/1/96 -	3812
		DOE-Basic Energy Sci / Univ & Sci Educ	8/31/99	\$56,305

Natural Sciences - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Ion/Excited-Atom Collision Studies with a Rydberg Target & a CO2 Laser - OFF CAMPUS	Lundeen,Stephen R	Physics DOE-Basic Energy Sci / Univ & Sci Educ	9/1/96 - 8/31/99	3814 \$48,695
High Frequency Properties of Ferrite Films for Microwave & Millimeter Wave Devices	Patton,Carl E	Physics DOD-NAVY-ONR-Office of Naval Research	10/1/93 - 9/30/99	2329 \$120,000
Microwave Magnetic Thin Film Soliton Devices	Patton,Carl E	Physics DOD-ARMY-ARO-Army Research Office	6/16/95 - 6/15/98	2561 \$60,000
Microwave & Brillouin Light Scattering Study of Magnetic Envelope Solitons	Patton,Carl E	Physics NATO-North Atlantic Treaty Organization	6/20/97 - 6/19/99	5734 \$11,511
Thermal & Dynamical Structure of the Mesopause Region: The Latitude Dependence	She,Chiaoyao	Physics NSF-GEO-Geosciences	1/15/96 - 12/31/98	3067 \$48,760
Mesopause Tides Based on Extensive Mode & Sodium Lidar Data Sets	She,Chiaoyao Krueger,David A	Physics NSF-GEO-Geosciences	1/15/97 - 12/31/98	3145 \$45,000
Improved Continuing Lidar Observation & Geophysical Study of the Mesopause Region	She,Chiaoyao Krueger,David A	Physics NSF-GEO-Geosciences	1/1/98 - 12/31/98	3270 \$120,000
Device Physics of Thin-Film Polycrystalline Solar Cells	Sites,James R	Physics Midwest Research Institute - NREL	1/20/98 - 1/19/01	9343 \$101,250
Research in Collider Physics	Toki,Walter Wilson,Robert	Physics US Department of Energy	4/15/93 - 4/14/99	3852 \$100,000
Research in Collider Physics	Toki,Walter Wilson,Robert	Physics DOE - US Department of Energy	4/15/93 - 4/14/99	3852 \$170,914
Physics Research at the Stanford Linear Accelerator Center B Factory (Supplement)	Toki,Walter	Physics Stanford University	6/1/97 - 8/14/97	9333 \$27,062
Research in Collider Physics on the SLD Experiment	Wilson,Robert Toki,Walter	Physics DOE - US Department of Energy	1/1/95 - 4/14/99	3819 \$28,000
Research in Collider Physics on the SLD Experiment	Wilson,Robert Toki,Walter	Physics DOE - US Department of Energy	1/1/95 - 4/14/99	3819 \$113,086
Research in Collider Physics	Wilson,Robert Toki,Walter	Physics US Department of Energy	4/15/93 - 4/14/99	3859 \$30,000
Adolescent AOD Use Among Asian Groups	Beauvais,Frederick Oetting,Eugene R	Psychology Southwest Regional Laboratories	9/30/94 - 8/31/97	4342 \$105,574
Drug Use Among Young Indians: Epidemiology & Prediction	Beauvais,Frederick	Psychology HHS-PHS-Drug Abuse Research Programs	9/1/83 - 11/30/99	4616 \$512,817
Experimental Investigation of the Threshold of Acceptability	Bell,Paul A	Psychology USDA-USFS-Rocky Mtn. Rsrch Station - CO	8/26/97 - 3/1/99	8713 \$19,000

Natural Sciences - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Mexican-American Dropouts & Drug Use	Chavez,Ernest L Swaim,Randall C	Psychology HHS-PHS-Drug Abuse Research Programs	9/30/87 - 6/30/98	4843 \$311,981
Adolescent Drug Use in Rural America	Edwards,Ruth W	Psychology HHS-PHS-Drug Abuse Research Programs	8/1/96 - 7/31/01	4423 \$388,307
Preventing Intimate Violence in Rural Minority Communities	Edwards,Ruth W	Psychology HHS-CDC-Environ. Hlth & Injury Control	9/1/96 - 8/31/99	4425 \$244,701
Adolescent Drug Use in Rural America: Research Supplement for Underrepresented Minorities	Edwards,Ruth W	Psychology HHS-PHS-Drug Abuse Research Programs	8/1/96 - 7/31/01	4458 \$60,596
Adolescent Drug Use in Rural America	Edwards,Ruth W	Psychology HHS-NIH-National Institute of Health	12/1/97 - 11/30/99	4475 \$98,069
Adolescent Drug Use in Rural America	Edwards,Ruth W	Psychology HHS-PHS-Drug Abuse Research Programs	8/1/96 - 7/31/01	4477 \$104,903
Thailand Skills Development	Hautaluoma,Jacob E	Psychology CID-Consortium for Inter. Development	1/1/98 - 1/31/98	9216 \$10,311
Tri-Ethnic Center for Prevention Research	Oetting,Eugene R	Psychology HHS-PHS-Drug Abuse Research Programs	5/1/95 - 4/30/99	4607 \$1,000,809
School Consultation / Special Education	Rosen,Lee A	Psychology Poudre R-1	9/1/91 - 6/5/98	5625 \$43,580
Alcohol Use & Related Problems: Mexican American Youth	Swaim,Randall C Chavez,Ernest L	Psychology HHS-PHS-Alcohol Research Programs	8/1/95 - 6/30/99	4626 \$246,324
Alcohol Use & Related Problems: Mexican American Youth	Swaim,Randall C	Psychology HHS-PHS-Alcohol Research Programs	8/1/95 - 6/30/99	4631 \$22,550
Continuous Quality Improvement Intern	Thornton,George C	Psychology Colorado Department of Transportation	3/25/94 - 6/30/98	0596 \$25,000
The MIND Video Teaching Module, 2nd Edition	Vattano,Frank J Bennett,Thomas L Maher,Thomas G	Psychology Various "For Profit" Sponsors	1/1/97 - 9/30/98	6234 \$100,000
Color Vision in the Peripheral Retina	Volbrecht,Vicki J Nerger,Janice L	Psychology NSF-Biological Centers	2/1/97 - 1/31/00	3152 \$76,627
Development of Transmission Facility Availability Measure & Targets	Boardman,Thomas J	Statistics EDM-Engineering Data Management, Inc.	5/19/97 - 12/15/97	6251 \$24,000
Development of Transmission Facility Availability Measure & Targets	Boardman,Thomas J	Statistics EDM-Engineering Data Management, Inc.	5/19/97 - 12/15/98	6251 \$41,200

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Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Development of Transmission Facility Availability Measure & Targets	Boardman,Thomas J	Statistics EDM-Engineering Data Management, Inc.	5/19/97 - 12/15/98	6251 \$19,200
Research Design	Bowden,David C	Statistics Colorado Division of Wildlife	10/1/97 - 6/30/98	0222 \$9,000
Research Design	Bowden,David C	Statistics Colorado Division of Wildlife	1/21/98 - 6/30/98	0244 \$28,125
Saddlepoint Methods in Statistics	Butler,Ronald W	Statistics NSF - National Science Foundation	7/15/96 - 6/30/99	3161 \$33,000
ARS Task Order T-8-5402-002	Davis,Richard A	Statistics USDA-ARS-Agricultural Research Service	10/1/97 - 9/30/98	8032 \$12,540
Continued Development of Bowhead Aboriginal Whaling Management Procedures	Givens,Geof H	Statistics Alaska Department of Wildlife Management	9/12/97 - 6/30/98	5021 \$59,997
Equipment Purchase for Aboriginal Whaling Management Procedure Development	Givens,Geof H	Statistics Alaska Department of Wildlife Management	6/5/98 - 6/30/98	5399 \$9,725
Statistical Modeling for Farming Operations	Hoeting,Jennifer A Davis,Richard A	Statistics USDA-ARS-Agricultural Research Service	7/1/97 - 8/30/98	2116 \$50,000
Methodology for Spatial Models for Binary Data	Hoeting,Jennifer A	Statistics NSF-MPS-Mathematical & Physical Sciences	8/15/98 - 1/31/00	3538 \$75,000
Markov & Related Models, with Applications to MCMC & Networks	Tweedie,Richard	Statistics NSF-MPS-Mathematical & Physical Sciences	7/1/98 - 6/30/01	3537 \$70,500
CASE-Study of High Level Statistical & Probabilistic Problems	Tweedie,Richard	Statistics UCAR-NCAR-Nat Ctr for Atmospheric Res	6/15/97 - 8/30/97	3657 \$1,072
Study of High Level Statistical & Probabilistic Problems	Tweedie,Richard	Statistics UCAR-NCAR-Nat Ctr for Atmospheric Res	6/15/97 - 8/30/97	3657 \$1,072
CASE-Statistical Research	Zumbrunnen,James R	Statistics Various "For Profit" Sponsors	9/1/95 - 5/31/99	6131 \$1,288
CASE-Statistical Research	Zumbrunnen,James R	Statistics Various "For Profit" Sponsors	9/1/95 - 5/31/99	6131 \$210
CASE-General Account for Statistical Research	Zumbrunnen,James R	Statistics Various "For Profit" Sponsors	9/1/95 - 5/31/99	6131 \$1,110
CASE-Statistical Research	Zumbrunnen,James R	Statistics Various "For Profit" Sponsors	9/1/95 - 5/31/99	6131 \$250
CASE-Statistical Research	Zumbrunnen,James R	Statistics Various "For Profit" Sponsors	9/1/95 - 5/31/99	6131 \$140

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Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
CASE-Statistical Research	Zumbrunnen,James R	Statistics Various "For Profit" Sponsors	9/1/95 - 5/31/99	6131 \$630
CASE-Statistical Research	Zumbrunnen,James R	Statistics Various "For Profit" Sponsors	9/1/95 - 5/31/99	6131 \$100
CASE-Statistical Research	Zumbrunnen,James R	Statistics Various "For Profit" Sponsors	9/1/95 - 5/31/99	6131 \$192
CASE-General Account for Statistical Research	Zumbrunnen,James R	Statistics Various "For Profit" Sponsors	9/1/95 - 5/31/99	6131 \$605
CASE-General Account for Statistical Research	Zumbrunnen,James R	Statistics Various "For Profit" Sponsors	9/1/95 - 5/31/99	6131 \$134
CASE-Statistical Research	Zumbrunnen,James R	Statistics Various "For Profit" Sponsors	9/1/95 - 5/31/99	6131 \$225
CASE-Statistical Research	Zumbrunnen,James R	Statistics Various "For Profit" Sponsors	9/1/95 - 5/31/99	6131 \$150
CASE-General Account for Statistical Research	Zumbrunnen,James R	Statistics Various "For Profit" Sponsors	9/1/95 - 5/31/99	6131 \$548
CASE-General Account for Statistical Research	Zumbrunnen,James R	Statistics Various "For Profit" Sponsors	9/1/95 - 5/31/99	6131 \$240
CASE-General Account for Statistical Research	Zumbrunnen,James R	Statistics Various "For Profit" Sponsors	9/1/95 - 5/31/99	6131 \$322

Vet. Medicine & Biomedical Sciences - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Signaling between Calcium Channels	Beam,Kurt G	Anatomy & Neurobiology Harvard University	9/8/97 - 7/31/02	4306 \$189,702
Regulation of Membrane Excitability	Beam,Kurt G	Anatomy & Neurobiology HHS-PHS-Biol Basis Research in Neurosci	5/1/86 - 4/30/00	4407 \$34,346
Regulation of Membrane Excitability	Beam,Kurt G	Anatomy & Neurobiology HHS-PHS-Biol Basis Research in Neurosci	5/1/86 - 4/30/00	7691 \$374,866
Control of Calcium Movement in Muscle	Dirksen,Robert T	Anatomy & Neurobiology HHS-NIH-Arthr., Musclesk. & Skin Disord.	9/1/97 - 8/31/02	4457 \$108,060
Membrane Properties & Neural Circuits of the Suprachiasmatic Nucleus	Dudek,F Edward	Anatomy & Neurobiology DOD-USAF-Office of Scientific Research	7/1/96 - 6/30/99	2307 \$75,000
Local Interactions Between Hippocampal Neurons	Dudek,F Edward	Anatomy & Neurobiology HHS-PHS-Biol Basis Research in Neurosci	12/1/87 - 5/31/99	4412 \$192,691
Electrophysiology of GnRH/NonGnRH Neurons	Dudek,F Edward Suter,Kelly	Anatomy & Neurobiology HHS-PHS-Biol Basis Research in Neurosci	11/1/97 - 10/31/99	4908 \$2,718
Electrophysiology of GnRH/NonGnRH Neurons	Dudek,F Edward Suter,Kelly	Anatomy & Neurobiology HHS-PHS-Biol Basis Research in Neurosci	11/1/97 - 12/31/99	4908 \$25,420
Synaptic Reorganization After Global Cerebral Ischemia	Dudek,F Edward	Anatomy & Neurobiology HHS-PHS-Biol Basis Research in Neurosci	2/9/98 - 2/8/00	4917 \$37,012
Neuroanatomic Substrate for HIV-associated Seizures	Dudek,F Edward Fails,Anna Dee	Anatomy & Neurobiology HHS-PHS-Biol Basis Research in Neurosci	9/1/96 - 8/31/98	4934 \$35,300
Synaptic Reorganization After Cerebral Ischemia	Dudek,F Edward	Anatomy & Neurobiology American Heart Association	7/1/97 - 6/30/98	5176 \$28,789
The Molecular Physiology of Glutamate in Taste	Kinnamon,Sue C	Anatomy & Neurobiology University of Miami	9/1/95 - 8/31/98	4302 \$94,291
Rocky Mountain Taste & Smell Center	Kinnamon,Sue C	Anatomy & Neurobiology University of Colorado Health Sci Ctr	4/1/97 - 3/31/98	4352 \$23,431
Rocky Mountain Taste & Smell Center	Kinnamon,Sue C	Anatomy & Neurobiology University of Colorado Health Sci Ctr	4/1/98 - 3/31/04	4358 \$132,772
Rocky Mountain Taste & Smell Center	Kinnamon,Sue C Varkevisser,Brian A	Anatomy & Neurobiology University of Colorado Health Sci Ctr	4/1/98 - 3/31/04	4359 \$26,076
Molecular Characterization of K ⁺ Channels in Taste Cells	Kinnamon,Sue C Stone-Roy,Leslie M	Anatomy & Neurobiology HHS-NIH-NIDCD-Deafness & Other Comm. Dis	5/1/98 - 4/30/99	4911 \$30,160
Calcium Channels & Tonic Fibers of Extraocular Muscle	Korotzer,Andrew R Beam,Kurt G	Anatomy & Neurobiology HHS-PHS-Vision Research	10/1/96 - 9/30/98	4903 \$29,900

Vet. Medicine & Biomedical Sciences - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Uptake of Glutamate May Contribute to Ischemic Brain Damage	Madl,James E	Anatomy & Neurobiology American Heart Association of Colorado	7/1/96 - 6/30/98	5118 \$30,000
Age-Related Changes in Glutamate Receptors	Magnusson,Kathy	Anatomy & Neurobiology HHS-PHS-Aging Research	1/20/95 - 12/31/99	4403 \$79,935
Functional Analysis of NMDA Receptors in the Aging Brain	Magnusson,Kathy Partin,Kathryn M Kovarik,Mary Cathleen	Anatomy & Neurobiology HHS-PHS-Aging Research	6/1/98 - 5/31/01	4918 \$31,492
Do NMDA & Non-NMDA Glutamate Receptor Share a Common Functional Domain?	Partin,Kathryn M	Anatomy & Neurobiology NSF-Biological Centers	7/1/97 - 6/30/98	3256 \$49,938
Molecular Mechanism of Negative Modulation of AMPA Receptors by 2,3-Benzodiazepine	Partin,Kathryn M	Anatomy & Neurobiology American Heart Association	7/1/97 - 6/30/98	5175 \$25,000
Pharmacological Contributions of GluRB to Allosteric Modulation of AMPA Receptors	Partin,Kathryn M	Anatomy & Neurobiology Pharmaceutical Res./Mfr. of Amer. Found	1/1/97 - 12/31/98	5431 \$12,500
Cross-species Transplantation of Circadian Behavior	Pickard,Gary E	Anatomy & Neurobiology HHS-PHS-Biol Basis Research in Neurosci	4/1/91 - 1/31/00	4429 \$202,578
5HT Presynaptic Inhibition of Retinal Input to the Hypothalamic Suprachiasmatic Nucleus	Pickard,Gary E Dudek,F Edward	Anatomy & Neurobiology HHS-NIH-National Institute of Health	8/21/97 - 6/30/00	4452 \$257,540
Role of the CzA Domain of Synaptotagmin in Neurotransmitter Release	Reist,Noreen E	Anatomy & Neurobiology American Heart Association	7/1/97 - 6/30/98	5169 \$25,000
Structure/Analysis of Synaptotagmin in Neurotransmitter Release	Reist,Noreen E	Anatomy & Neurobiology Muscular Dystrophy Association, Inc.	7/1/97 - 6/30/00	5194 \$166,293
In Vivo Evaluation of Doxoform in a Mouse Mammary Carcinoma Model	Dernell,William S	Clinical Sciences University of Colorado	12/1/97 - 8/31/98	5367 \$14,179
Clinical Evaluation of Palliative Radiation for Primary & Metastatic Neoplastic Bone...	Dernell,William S	Clinical Sciences Morris Animal Foundation	1/1/98 - 12/31/99	5457 \$17,714
Effects of Low Temperature Plasma Gas Sterilization on the Osteoinductive Capacity of Demineralized Bone	Dernell,William S	Clinical Sciences AlloSource	6/15/98 - 6/15/99	5619 \$11,687
Pharmacokinetics of Cisplatin Release in the Beagle from Atrigez Formulation	Dernell,William S	Clinical Sciences Atrix, Inc.	9/26/97 - 9/25/99	6054 \$11,828
Pilot Study of Safety & Efficacy of Resonant Frequency Stimulation of Bone Healing	Egger,Erick L	Clinical Sciences Dr. Robert Rieman	7/11/97 - 8/31/97	6258 \$500
Pilot Study of Safety & Efficacy of Resonant Frequency Stimulation of Bone Healing	Egger,Erick L	Clinical Sciences Dr. Robert Rieman	7/11/97 - 8/31/97	6258 \$500

Vet. Medicine & Biomedical Sciences - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Pilot Study of Safety & Efficacy of Resonant Frequency Stimulation of Bone Healing	Egger,Erick L	Clinical Sciences Dr. Robert Rieman	7/11/97 - 8/31/97	6258 \$500
Pilot Study of Safety & Efficacy of Resonant Frequency Stimulation of Bone Healing	Egger,Erick L	Clinical Sciences Dr. Robert Rieman	7/11/97 - 8/31/97	6258 \$800
Effects of Dietary N-3 Fatty Acid Supplementation on a Model of Glomerulonephrit...	Grauer,Gregory F Greco,Deborah S Lappin,Michael R	Clinical Sciences Iams Company	9/1/97 - 9/1/99	6268 \$80,363
Isolation & Characterization of Ehrlichia spp. Infecting Cats	Lappin,Michael R	Clinical Sciences Robert H. Winn Foundation	4/1/98 - 3/31/99	5459 \$6,023
Prediction of Resistance to Panleukopenia, Feline Herpes Virus I & Calicivirus Challenge Utilizing Serology	Lappin,Michael R	Clinical Sciences Heska Corporation (Paravax) *	4/5/98 - 7/31/98	6317 \$49,290
In Vivo Postvaccinal Reaction & Gas Chromatographic Evaluation of New Combined...	Macy,Dennis Warren	Clinical Sciences Rhône Merieux, Inc.	7/1/97 - 6/30/98	6261 \$7,656
Determination of Contact Stresses in the Carpal & Femorotibial Joint of Horses, &	McIlwraith,C Wayne Kawcak,Christopher E	Clinical Sciences Southern California Equine Foundation, I	9/1/97 - 8/31/98	5448 \$44,927
Evaluation of Mechanism of Action of Intravenous Hyaluronan (Legend) in the Horse	McIlwraith,C Wayne Hendrickson,Dean A Savage,Catherine J	Clinical Sciences Bayer Corp. / Agriculture Division	6/1/96 - 12/31/98	6193 \$27,929
Development of Synovial Fluid & Serum Markers of Joint Disease in the Horse	McIlwraith,C Wayne	Clinical Sciences Bayer Corp. / Agriculture Division	11/1/96 - 9/30/98	6225 \$12,999
The Effect of a Biodegradable Polymer on Articular Cartilage Healing in Non-Exercised...	McIlwraith,C Wayne Frisbie,David D	Clinical Sciences Aatrix, Inc.	7/1/97 - 6/30/98	6283 \$11,500
The Use of Chondrocyte Composite Grafting Techniques to Augment Healing Large Articular Defects in Exercising...	McIlwraith,C Wayne Frisbie,David D	Clinical Sciences Ancea AG	2/1/98 - 12/31/98	6294 \$22,290
Evaluation of a Cohesion Polymer After Left Atriotomy in an Ovine Model	Monnet,Eric	Clinical Sciences Cohesion Corporation	10/1/97 - 10/31/98	6272 \$10,037
Evaluation of a Cohesion Polymer after PTFE Grafting on an Iliac Artery in a Canine Model.	Monnet,Eric	Clinical Sciences Cohesion Corporation	12/20/97 - 12/20/98	6290 \$5,016
Evaluation of Cohesion Polymer After Iliac Artery Grafting with PTFE in a Canine Model: Chronic Study	Monnet,Eric	Clinical Sciences Cohesion Corporation	3/1/98 - 3/1/99	6297 \$19,150
Evaluation of Cohesion Polymer After Iliac Artery Grafting with PTFE in a Canine Model: Chronic Study	Monnet,Eric	Clinical Sciences Cohesion Corporation	3/1/98 - 3/1/99	6297 \$57,449

Vet. Medicine & Biomedical Sciences - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Evaluation of a Cohesion Polymer to Seal the Femoral Artery Puncture Hole After Catheter Introduced Placement	Monnet,Eric	Clinical Sciences Cohesion Corporation	5/1/98 - 5/1/99	6318 \$5,766
Ogilvie Lymphoma Diet Research	Ogilvie,Gregory K	Clinical Sciences Hill's Pet Nutrition, Inc.	11/1/92 - 1/1/98	5667 \$30,000
Ogilvie Lymphoma Diet Research	Ogilvie,Gregory K	Clinical Sciences Hill's Pet Nutrition, Inc.	11/1/92 - 12/31/00	5667 \$40,000
Ogilvie Lymphoma Diet Research	Ogilvie,Gregory K	Clinical Sciences Hill's Pet Nutrition, Inc.	11/1/92 - 12/31/00	5667 \$20,000
The Role of Type XI Collagen in the Functional Integrity of Normal & Osteoarthritic...	Oxford,Julia R T	Clinical Sciences Arthritis Foundation	7/1/96 - 6/30/99	5421 \$75,000
Clindamycin Hydrochloride for the Treatment of Cats with Suspected Toxoplasma Gondii-Induced Uveitis	Powell,Cynthia C	Clinical Sciences Pharmacia & Upjohn, Inc.	5/15/98 - 5/31/99	6329 \$49,940
Oral Use of Low Dose Natural Human Interferon Alpha for the Treatment of Canine...	Roberts,Steven M	Clinical Sciences Virbac, Inc.	7/1/97 - 6/30/98	6263 \$60,240
Rocky Mountain Raptor Program	Scherpelz,Judith A	Clinical Sciences Colorado Division of Wildlife	7/1/95 - 6/30/98	0821 \$7,500
Prostaglandin F22 Estradiol Cypionate or Excenel for the Management of Postpartum Dairy Cows...	Stevens,Reynold D	Clinical Sciences Upjohn Company	6/1/98 - 12/31/00	6302 \$24,000
Options for Monitoring of Equine Diseases in the United States	Traub-Dargatz,Josie L	Clinical Sciences USDA-APHIS-Ag & Plant Health Insp Srvc	10/1/97 - 9/30/98	2064 \$37,000
Options for Monitoring of Equine Diseases in the United States	Traub-Dargatz,Josie L	Clinical Sciences USDA-APHIS-Ag & Plant Health Insp Srvc	10/11/96 - 9/30/97	2088 \$10,000
Synovial Fluid & Tissue Expression of Degradative Enzymes, Inflammatory Mediators &...	Trotter,Gayle W Trumble,Troy N Oxford,Julia R T	Clinical Sciences Southern California Equine Foundation, I	9/1/97 - 8/31/98	5447 \$11,095
Tendon Healing in Bone Through: A Biomechanical & Histological Study in Sheep	Turner,Anthony Simon	Clinical Sciences Steadman Hawkins Research Foundation *	5/1/98 - 2/28/99	5466 \$48,805
Cardiopulmonary & Vascular Remodeling Effects of Raloxifene in Ovariectomized Ewes	Turner,Anthony Simon	Clinical Sciences Lilly Research Laboratories	9/9/97 - 9/8/98	6026 \$37,228
Effectiveness of Bone Repair Agents in An Osteopenic Sheep Model	Turner,Anthony Simon	Clinical Sciences Howmedica	8/25/97 - 10/31/98	6032 \$51,405
Suture Reinforcement to Supplement Adhesion in Articular Cartilage Grafting: A Pilot...	Turner,Anthony Simon	Clinical Sciences Sulzer Innotec, Winterthur, Switzerland	11/3/97 - 5/3/98	6081 \$28,913

Vet. Medicine & Biomedical Sciences - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Meniscus Repair Using a Mensical Tack: A Study in Sheep	Turner,Anthony Simon	Clinical Sciences Innovasive Devices, Inc.	11/1/96 - 2/28/98	6216 \$32,179
Disc Replacement Therapy: A Pilot Study in Sheep	Turner,Anthony Simon	Clinical Sciences Sulzer Innotec, Winterthur, Switzerland	7/24/97 - 10/24/97	6265 \$24,641
Effectiveness of Calcium Phosphate Cement for Vertebral Body Strengthening in an Osteo...	Turner,Anthony Simon	Clinical Sciences Howmedica	9/1/97 - 1/31/99	6269 \$27,402
Evaluation of CollaSeal Hemostatic Device & Tisseel Fibrin Sealant for Hemostatic ...	Turner,Anthony Simon	Clinical Sciences Cohesion Corporation	9/12/97 - 2/28/98	6270 \$7,392
Evaluation of CollaSeal Hemostatic Device & Tisseel Fibrin Sealant for Hemostatic ...	Turner,Anthony Simon	Clinical Sciences Cohesion Corporation	9/12/97 - 1/31/98	6270 \$43,698
Direct Current Stimulation of Lumbar Fusion: A Study in Sheep	Turner,Anthony Simon	Clinical Sciences EBI-Electro-Biology, Inc.	10/1/97 - 9/30/98	6273 \$61,233
Optimization of a Cannulation Technique for Hemodialysis Grafts: A Pilot Study an Ovine Model	Turner,Anthony Simon	Clinical Sciences Medisystems Corporation	2/23/98 - 2/22/99	6293 \$41,154
Meniscal Regeneration with Collagen Scaffolds: A Study in Sheep	Turner,Anthony Simon	Clinical Sciences Sulzer Innotec, Winterthur, Switzerland	4/1/98 - 12/31/98	6298 \$22,292
Augmentation of Trabecular Bone by Low Magnitude Strain	Turner,Anthony Simon	Clinical Sciences State University of New York	12/1/96 - 11/30/98	7511 \$126,660
Augmentation of Trabecular Bone by Low Magnitude Strain	Turner,Anthony Simon	Clinical Sciences State University of New York	12/1/96 - 11/30/97	7511 \$126,046
Investigation of Hepatic Oxidant Damage in Dogs with Chronic Hepatitis & the...	Twedt,David C	Clinical Sciences Iams Company	9/6/96 - 9/1/99	6266 \$31,127
Black-footed Ferret Wastage Reduction: Modeling Increased Production of the Captive...	Wimsatt,Jeffrey H	Clinical Sciences Morris Animal Foundation	12/1/96 - 11/30/98	5428 \$7,532
Colorado State University VETPREP	Tucker,Alan	Dean Of Vet Medicine HHS-PHS-Health Careers Opportunity Prgm	9/1/96 - 8/31/99	7924 \$122,269
Professional Veterinary Medicine--CCHE Program of Excellence	Voss,James L Jones,Robert L	Dean Of Vet Medicine CCHE-Commission on Higher Education	7/1/97 - 6/30/02	0112 \$141,510
Extramural Research Facilities Construction	Voss,James L	Dean Of Vet Medicine HHS-Extramural Research Facil Constrctn	9/30/97 - 9/29/99	7778 \$975,000
Evaluation of HomeSafe: Injury Prevention & Outcomes	Bigelow,Philip L Herron,Robert E	Environmental Health HHS-Occup Safety/Health Research Grants	9/30/97 - 9/29/00	7771 \$189,135
Mechanisms of Toxic Chemical Interaction in the Liver	Billings,Ruth E	Environmental Health HHS-PHS-Superfund Hazardous Substances	4/1/98 - 3/31/00	7795 \$110,067

Vet. Medicine & Biomedical Sciences - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Oxygen Radical-mediated Gene Expression in Hepatocytes	Billings,Ruth E	Environmental Health	9/1/96 -	7954
	Meyer,Danette R.M	HHS-NIH-Digestive Diseases & Nutri. Res.	8/31/98	\$592
Oxygen Radical-mediated Gene Expression in Hepatocytes	Billings,Ruth E	Environmental Health	9/1/96 -	7954
	Meyer,Danette R.M	HHS-NIH-Digestive Diseases & Nutri. Res.	8/31/98	\$29,900
Wyoming Department of Agriculture - Study Field Project in Food Protection	Blehm,Kenneth D	Environmental Health State of Wyoming	5/27/97 - 8/5/97	5184 \$1,000
Occupational Health & Safety Consultation Program	Buchan,Roy M	Environmental Health DOL-OSHA-Occupa. Safety & Health Admin.	10/1/97 - 9/30/98	1022 \$524,000
Occupational Health & Safety Consultation Program	Buchan,Roy M	Environmental Health DOL-OSHA-Occupa. Safety & Health Admin.	10/1/97 - 9/30/98	1022 \$14,000
High Plains Intermountain Center for Agricultural Health & Safety (HI-CAHS)	Buchan,Roy M	Environmental Health HHS-Occup Safety/Health Research Grants	9/30/91 - 9/29/01	7607 \$43,750
High Plains Intermountain Center for Agricultural Health & Safety (HI-CAHS)	Buchan,Roy M	Environmental Health HHS-Occup Safety/Health Research Grants	9/30/91 - 9/29/01	7607 \$579,000
Industrial Hygiene Training Program	Buchan,Roy M	Environmental Health HHS-Occup Health/Safety Training Grants	7/1/94 - 6/30/02	7955 \$73,029
The Role of VEGF & bFGF in AIDS-Associated Kaposi's Sarcoma Tumorigenesis	Campaign,Julie A	Environmental Health Cancer League of Colorado, Inc.	3/15/98 - 6/30/98	5601 \$12,255
ROS Biomarkers of Particulate Exposures (Response of Cells to Airborne Toxicants)	Cosma,Greg N	Environmental Health HHS-CDC-Centers for Disease Control	8/1/97 - 9/30/98	7768 \$20,000
ROS Biomarkers of Particulate Exposures (Response of Cells to Airborne Toxicants)	Cosma,Greg N	Environmental Health HHS-CDC-Centers for Disease Control	8/1/97 - 7/31/98	7768 \$20,000
Role of Oxygen Free Radicals in Dioxin Carcinogenesis	Cosma,Greg N	Environmental Health HHS-NIH-Environmental Health Sciences	12/1/97 - 11/30/98	7784 \$70,240
Focus Groups with Children of Migrant Farm Workers	Darragh,Amy Jane Rountree	Environmental Health HHS-NIH-NCI-National Cancer Institute	9/19/97 - 4/30/98	7779 \$18,908
Historical Prospective Study: Breast Cancer & Organochlorine Pesticides &...	Keefe,Thomas J	Environmental Health HHS-NIH-NCI-National Cancer Institute	8/19/97 - 7/31/99	7625 \$35,274
Development of Methods for Predicting Trihalomethane (THM) & Haloacetic Acids (HAA)...	Nuckols,John R	Environmental Health American Water Works Assc. Research Fd.	1/1/98 - 10/1/03	5930 \$249,990
Geographic Information System for Agricultural Chemicals Exposure	Nuckols,John R	Environmental Health Westat, Inc.	3/1/97 - 12/31/01	7516 \$95,146
Geographic Information System for Agricultural Chemicals Exposure	Nuckols,John R	Environmental Health Westat, Inc.	3/1/97 - 12/31/01	7516 \$14,396

Vet. Medicine & Biomedical Sciences - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
International Symposium: Environmental Engineering & Health Sciences	Nuckols,John R	Environmental Health	4/1/97 -	7783
	Yang,Raymond S H	HHS-PHS-Superfund Hazardous Substances	3/31/98	\$20,000
Spatial Information Analysis & Statistics	Nuckols,John R	Environmental Health	4/1/98 -	7792
		HHS-PHS-Superfund Hazardous Substances	3/31/00	\$86,955
Arsenic-containing Mixtures in Angiosarcoma Induction	Pott,Wendy A	Environmental Health	2/15/97 -	7748
		HHS-PHS-Cancer Research Manpower	1/31/02	\$45,737
American Dipper Toxic Metal Exposure Biomarker Pilot Study	Ramsdell,Howard S	Environmental Health	9/23/96 -	1773
		DOI-USFWS-Fish & Wildlife Service	6/30/99	\$12,000
Exposure to Metals in Albuquerque Constructed Wetland Test Cells	Ramsdell,Howard S	Environmental Health	9/1/97 -	1801
		DOI-USGS-Geological Survey	7/1/98	\$10,000
Summitville Mine/Alamosa River: Livestock Exposure Investigation	Ramsdell,Howard S	Environmental Health	7/31/97 -	1896
	Kimberling,Cleon V	DOI-USGS-Geological Survey	8/31/98	\$53,959
Lead Research	Reif,John S	Environmental Health	10/1/97 -	0225
		Colorado Dept Public Health & Environ	9/30/98	\$4,843
Lead Research	Reif,John S	Environmental Health	10/1/97 -	0226
		Colorado Dept Public Health & Environ	9/30/98	\$51,685
Wire Coding	Reif,John S	Environmental Health	12/1/97 -	5358
		Platte River Power Authority	11/30/98	\$9,948
Malignant Catarrhal Fever: An Important Threat to the Bison Community	Reif,John S	Environmental Health	10/1/97 -	5365
		National Bison Association	9/30/98	\$7,000
Melatonin & Occupational Electric & Magnetic Fields Exposure	Reif,John S	Environmental Health	8/20/96 -	7740
		HHS-NIH-Environmental Health Sciences	7/31/98	\$276,893
Epidemiology of Vesicular Stomatitis in the W. Hemisphere: An Extension of Current Research	Salman,M D	Environmental Health	10/1/97 -	2042
		USDA-Foreign Agricultural Service	11/30/00	\$46,819
Conference of the International Society of Veterinary Epidemiology	Salman,M D	Environmental Health	6/17/97 -	2119
		USDA-APHIS-Animal Damage Control	6/16/98	\$5,000
Molecular Diagnosis & Screening for M. Bovis Infection in Ungulates	Salman,M D	Environmental Health	2/1/98 -	2124
		USDA-APHIS-Ag & Plant Health Insp Srvc	2/1/98	\$50,000
Workshop - Animal Health Import Risk	Salman,M D	Environmental Health	5/1/98 -	2129
		USDA-APHIS-Animal Damage Control	8/30/98	\$13,500
National Animal Health Reporting Systems & Equine Health Monitoring	Salman,M D	Environmental Health	3/1/98 -	2130
		USDA-APHIS-Ag & Plant Health Insp Srvc	9/30/98	\$15,745
Conference of the International Society of Veterinary Epidemiology	Salman,M D	Environmental Health	6/17/98 -	2157
		USDA-APHIS-Animal Damage Control	6/16/99	\$5,000

Vet. Medicine & Biomedical Sciences - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Factors Associated with Relinquishment of Dogs & Cats	Salman,M D	Environmental Health Natl Council Pet Population Study/Policy	1/1/95 - 12/31/97	5032 \$19,200
Factors Associated with Relinquishment of Dogs & Cats	Salman,M D	Environmental Health Natl Council Pet Population Study/Policy	1/1/95 - 12/31/97	5032 \$3,500
Training Programs in Veterinary Epidemiology	Salman,M D	Environmental Health Teachers of Veterinary Public Health	1/1/94 - 12/31/98	5537 \$34,906
A Forum-Animal Disease Surveillance System for Vesicular Diseases in Central & South America	Salman,M D	Environmental Health United Nations	11/15/97 - 5/13/98	5737 \$24,000
Colorado Injury Control Research Center	Stallones,Lorann	Environmental Health HHS-CDC-Environ. Hlth & Injury Control	9/1/95 - 8/31/98	7700 \$223,522
Colorado Farm Family Health & Hazard Surveillance	Stallones,Lorann	Environmental Health HHS-Occup Safety/Health Research Grants	9/28/90 - 9/27/98	7737 \$241,948
Cadmium & Arsenic QA/QC - ENSR/Globeville	Tessari,John Domenic	Environmental Health ENSR Consulting & Engineering	4/1/96 - 12/31/97	6177 \$890
Organochlorine Compounds & Risk of Breast Cancer	Tessari,John Domenic	Environmental Health Yale University	9/30/93 - 9/30/98	7510 \$7,432
Organochlorine Compounds & Risk of Breast Cancer	Tessari,John Domenic	Environmental Health Yale University	9/30/93 - 9/29/97	7510 \$70,995
Analytical Chemistry Core B	Tessari,John Domenic	Environmental Health HHS-PHS-Superfund Hazardous Substances	4/1/98 - 3/31/00	7791 \$71,623
Conference: Current Issues on Chemical Mixtures	Yang,Raymond S H	Environmental Health DOD-ARMY-Medical Research & Development	7/1/97 - 9/30/98	2394 \$5,000
Symposium on Current Issues of Chemical Mixtures	Yang,Raymond S H	Environmental Health HHS-PHS-Superfund Hazardous Substances	4/1/95 - 3/31/00	7760 \$10,000
Integration of Mechanistic Carcinogenicity Studies with PBPK/PD Modeling...	Yang,Raymond S H	Environmental Health HHS-PHS-Toxic Substances & Dis. Registry	9/30/94 - 9/29/02	7769 \$210,669
Integrated Research on Hazardous Waste Chemical Mixtures	Yang,Raymond S H	Environmental Health HHS-PHS-Superfund Hazardous Substances	4/1/98 - 3/31/00	7790 \$124,025
Toxicologic Interaction Studies in Chemical Mixtures Using PBPK/PD...	Yang,Raymond S H	Environmental Health HHS-PHS-Superfund Hazardous Substances	4/1/98 - 3/31/00	7793 \$123,568
Virus Expression Systems in Mosquito Biology	Beaty,Barry J	Microbiology University of Wisconsin	6/1/97 - 5/31/98	4354 \$184,168
Molecular Determinants of Dengue Epidemic Potential in North America	Beaty,Barry J	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	9/30/97 - 8/31/00	4464 \$286,843

Vet. Medicine & Biomedical Sciences - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Longitudinal Studies of Rodent Reservoirs of Hantaviruses in the Southwestern U.S.	Beaty, Barry J	Microbiology	9/30/96 -	4465
		HHS-CDC-Infectious Disease	9/29/01	\$54,676
Longitudinal Studies of Rodent Reservoirs of Hantaviruses in the Southwestern U.S.	Beaty, Barry J	Microbiology	9/30/96 -	4465
		HHS-CDC-Infectious Disease	9/29/01	\$80,139
Mosquito Reservoirs for Bunyavirus Transeasonality	Beaty, Barry J Blair, Carol D	Microbiology	1/1/98 -	4474
		HHS-PHS-AID-Microbio & Infectious Dis Re	12/31/98	\$187,435
MacArthur Program: Vector Molecular Biology	Beaty, Barry J	Microbiology	1/1/90 -	5187
		MacArthur Foundation *	12/31/98	\$134,320
MacArthur Course: Biology of Disease Vectors	Beaty, Barry J	Microbiology	7/1/90 -	5205
		MacArthur Foundation *	12/31/99	\$40,001
MacArthur Course: Biology of Disease Vectors	Beaty, Barry J	Microbiology	7/1/90 -	5205
		MacArthur Foundation *	12/31/99	\$3,347
Vector Molecular Biology Institutes	Beaty, Barry J	Microbiology	1/1/95 -	5401
		MacArthur Foundation *	12/31/98	\$10,159
Distribution of a Textbook, Biology of Disease Vectors	Beaty, Barry J Marquardt, William	Microbiology	12/1/94 -	5402
		MacArthur Foundation *	12/31/98	\$1,587
Biology of Disease Vectors	Beaty, Barry J	Microbiology	6/1/98 -	5612
		WHO-World Health Organization	6/30/98	\$25,000
Molecular Bioreporting	Beaty, Barry J	Microbiology	4/1/98 -	7796
		HHS-PHS-Superfund Hazardous Substances	3/31/00	\$151,370
Tuberculosis Research Materials & Vaccine Testing	Belisle, John T	Microbiology	7/1/97 -	4444
	Orme, Ian M	HHS-PHS-AID-Microbio & Infectious Dis Re	6/30/04	\$1,730,896
	Brennan, Patrick Joseph			
Tuberculosis Research Materials & Vaccine Testing	Belisle, John T	Microbiology	7/1/97 -	4445
	Orme, Ian M	HHS-PHS-AID-Microbio & Infectious Dis Re	6/30/04	\$408,205
	Brennan, Patrick Joseph			
Cell Wall of M. Tuberculosis; Focus for Drug Discovery	Belisle, John T	Microbiology	8/1/95 -	4455
		HHS-PHS-AID-Microbio & Infectious Dis Re	7/31/99	\$109,558
Growth of M. Tuberculosis	Belisle, John T	Microbiology	9/1/96 -	6211
		Procept, Inc.	8/31/98	\$10,240
Magnetic Beads for Capture of Mycobacteria	Belisle, John T	Microbiology	5/15/98 -	6326
		Chemicon International, Inc.	5/15/99	\$31,806
REU: Phylogenetic Analysis of Biogeography, Habitat and Host Associations in Ticks	Black, William C Iv	Microbiology	3/13/97 -	3199
		NSF-Biological Centers	2/28/99	\$4,999

Vet. Medicine & Biomedical Sciences - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Molecular Taxonomy of Lyme Disease	Black,William C Iv	Microbiology	3/1/97 -	4437
Vector Species	Hutcheson,Harry Joel	HHS-NRSA-Nat. Research Service Award	2/28/99	\$30,160
Genetics of Transovariole Transmission	Black,William C Iv	Microbiology	4/1/97 -	4439
		HHS-PHS-Public Health Services	3/31/00	\$118,779
Selection of Aedes Aegypti Refractory to Dengue Virus	Black,William C Iv	Microbiology	8/1/97 -	4451
		HHS-PHS-AID-Microbio & Infectious Dis Re	7/31/00	\$68,001
Selection of Aedes aegypti Refractory to Dengue Virus	Black,William C Iv	Microbiology	8/1/97 -	4451
		HHS-PHS-AID-Microbio & Infectious Dis Re	7/31/00	\$65,406
Vector Molecular Biology - Genetic Mapping	Black,William C Iv	Microbiology	1/1/92 -	5230
		MacArthur Foundation *	12/31/98	\$22,507
Integrated Research on Hazardous Waste Chemical Mixtures	Black,William C Iv	Microbiology	4/1/98 -	7799
	Duteau,Nancy M	HHS-PHS-Superfund Hazardous Substances	3/31/00	\$71,623
Interference to Dengue Virus Replication in Mosquitoes	Blair,Carol D	Microbiology	4/1/93 -	4441
	Olson,Kenneth E	HHS-PHS-AID-Microbio & Infectious Dis Re	3/31/02	\$100,494
	Higgs,Stephen			
Interference to Dengue Virus Replication in Mosquitoes	Blair,Carol D	Microbiology	4/1/93 -	4441
	Olson,Kenneth E	HHS-PHS-AID-Microbio & Infectious Dis Re	3/31/02	\$22,904
	Higgs,Stephen			
Interference to Dengue Virus Replication in Mosquitoes	Blair,Carol D	Microbiology	4/1/93 -	4441
	Olson,Kenneth E	HHS-PHS-AID-Microbio & Infectious Dis Re	3/31/02	\$43,554
	Higgs,Stephen			
Genetic Variation Among Dengue Viruses in Mexico	Blair,Carol D	Microbiology	4/1/93 -	4467
	Olson,Kenneth E	HHS-PHS-AID-Microbio & Infectious Dis Re	8/31/98	\$120,316
Cell Wall of M. Tuberculosis; Focus for Drug Discovery	Brennan,Patrick Joseph	Microbiology	8/1/95 -	4454
		HHS-PHS-AID-Microbio & Infectious Dis Re	7/31/99	\$505,969
Mycobacterial Cell Wall Biogenesis & Drug Discovery	Brennan,Patrick Joseph	Microbiology	1/1/98 -	4472
	Besra,Gurdyal Singh	HHS-NIH-National Institute of Health	12/31/02	\$292,764
Leprosy Research Support & Maintenance of an Armadillo Colony: Part I: Leprosy Research..	Brennan,Patrick Joseph	Microbiology	6/30/95 -	4625
		HHS-PHS-AID-Microbio & Infectious Dis Re	6/29/02	\$392,354
Identification of Inhibitors of Mycobacterial Linkage Unit Synthesis	Brennan,Patrick Joseph	Microbiology	6/1/96 -	6192
		Glaxo Inc.	5/31/99	\$40,000
Molecular Genetic Control of Vector Potential	Carlson,Jonathan O	Microbiology	7/1/88 -	4855
	Beaty,Barry J	HHS-PHS-AID-Microbio & Infectious Dis Re	1/31/99	\$211,496

Vet. Medicine & Biomedical Sciences - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Host Range Determinants of Mosquito Densonucleosis Viruses	Carlson,Jonathan O	Microbiology CRDF Civilian Rsrch & Dvlpmt Foundation	10/1/97 - 9/30/98	5702 \$2,500
Analysis of M avium Wall Structures from AIDS Patients	Chatterjee,Delphi	Microbiology HHS-DRR-Fogarty International Center	9/30/97 - 7/31/00	4468 \$25,200
Immunopathogenesis of Mycobacterium Avium Disease	Cooper,Andrea M	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	9/1/97 - 8/31/02	4459 \$238,702
Researching New Relationships Between Government, Industry & the Education Community	Coulter,Gary R	Microbiology NASA-ARC-Ames Research Center	7/1/95 - 9/30/98	1928 \$49,001
Researching New Relationships Between Government, Industry & the Education Community	Coulter,Gary R	Microbiology NASA-ARC-Ames Research Center	7/1/95 - 9/30/98	1928 \$244,463
Researching New Relationships Between Government, Industry & the Education Community	Coulter,Gary R	Microbiology NASA-ARC-Ames Research Center	7/1/95 - 6/30/98	1928 \$241,342
IPA for Gary Coulter	Coulter,Gary R	Microbiology NASA-ARC-Ames Research Center	7/1/97 - 10/31/98	1975 \$28,548
IPA for Gary Coulter	Coulter,Gary R	Microbiology NASA-ARC-Ames Research Center	7/1/97 - 6/30/98	1975 \$79,590
Targeting DNA Vaccines to Professional Antigen Presenting Cells	Howell,Mark D	Microbiology Immune Response Corporation	7/1/96 - 6/30/98	6191 \$25,000
Cell Wall of M. Tuberculosis; Focus for Drug Discovery	Inamine,Julia M	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	8/1/95 - 7/31/99	4456 \$144,011
Molecular Definition of M. avium Colony Morphotypes	Inamine,Julia M Belisle,John T	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	9/1/97 - 5/31/02	4460 \$151,404
Molecular Definition of M. avium Colony Morphotypes	Inamine,Julia M Belisle,John T	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	9/1/97 - 5/31/02	4460 \$174,332
Molecular Genetic Analysis of Mycobacterium Tuberculosis	Inamine,Julia M	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	8/1/93 - 7/31/98	4649 \$64,422
Workshop on Novel Trends in Environmental & Agricultural Biotechnology	Klein,Donald A Tengerdy,Robert	Microbiology NSF-SBE-Social, Behav & Econ Sciences	1/1/97 - 8/31/98	3264 \$15,000
Exploitation of Novel Pathways for New TB Therapeutics	Mcneil,Michael R	Microbiology National Jewish Center	9/1/96 - 5/31/98	4304 \$115,874
New Drugs for Mycobacterial Infections in AIDS Patients	Mcneil,Michael R Besra,Gurdyal Singh	Microbiology Southern Research Institute	7/1/96 - 6/30/98	4357 \$38,126
New Drugs for Mycobacterial Infections in AIDS Patients	Mcneil,Michael R Besra,Gurdyal Singh	Microbiology Southern Research Institute	7/1/96 - 6/30/98	4357 \$12,523

Vet. Medicine & Biomedical Sciences - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Cell Wall Biogenesis--Target for New Anti-TB Drugs	Mcneil,Michael R	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	9/30/92 - 8/31/02	4603 \$313,256
Cell Wall Biogenesis--Target for New Anti-TB Drugs	Mcneil,Michael R	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	9/30/92 - 8/31/02	4603 \$97,236
Synthesis of Mycobacterial Arabinofuranosyl Metabolites	Mcneil,Michael R	Microbiology HHS-DRR-Fogarty International Center	4/1/98 - 3/31/01	4606 \$25,200
Dengue Control in Mosquitoes by Single Chain Antibodies	Olson,Kenneth E Higgs,Stephen Howell,Mark D	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	4/1/97 - 3/31/00	4438 \$112,809
Sub-Contract to Case Western University (M. Tuberculosis Infection in the Lung)	Orme,Ian M	Microbiology Case Western Reserve University	9/1/95 - 8/31/00	4305 \$97,803
Tuberculosis Epidemiology Center	Orme,Ian M	Microbiology Case Western Reserve University	9/30/94 - 9/29/98	4310 \$96,184
Life Cycle Stages & Pathogenicity of M. Tuberculosis	Orme,Ian M	Microbiology Washington University, Missouri	9/1/97 - 8/31/98	4311 \$27,812
Defined Native Antigens & Immunity to Tuberculosis	Orme,Ian M	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	3/1/96 - 2/28/01	4409 \$200,898
Aging & Immunity to Tuberculosis	Orme,Ian M	Microbiology HHS-PHS-Aging Research	9/1/86 - 12/31/01	4431 \$229,081
Effect of Tucaresol on Mycobacterium Tuberculosis Infections in Mice	Orme,Ian M	Microbiology Glaxo Inc.	1/9/98 - 1/8/99	6289 \$4,606
HSV Latency in Neurons	Wilcox,Christine L	Microbiology HHS-PHS-Biol Basis Research in Neurosci	1/1/91 - 3/31/01	4442 \$182,467
Effects of Acyclovir & GR124263 on in Vitro Model of HSV Latency	Wilcox,Christine L	Microbiology Glaxo Inc.	10/1/97 - 2/16/99	6291 \$3,625
Stem Cell Gene Therapy: Improved Retroviral Vectors for Ribozyme Gene Delivery...	Akkina,Ramesh K	Pathology University of Colorado	7/1/97 - 6/30/98	0200 \$20,000
Modeling Gene Therapeutic Approaches in the SCID - hu Mouse	Akkina,Ramesh K	Pathology University of California-Los Angeles	5/1/97 - 4/30/98	4353 \$63,747
HIV Pathogenesis & Gene Therapy in SCID hu Mice	Akkina,Ramesh K	Pathology HHS-NIH-National Institute of Health	12/1/97 - 11/30/00	4470 \$135,838
Stem Cell Gene Therapy: Improved Retroviral Vectors for Gene Delivery	Akkina,Ramesh K	Pathology Amgen, Inc.	9/1/97 - 9/30/98	6274 \$35,000

Vet. Medicine & Biomedical Sciences - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
T Cell Mediated Pathologic Responses to Murine Malaria	Avery,Anne C	Pathology	8/1/96 -	4424
	Wassom,Donald L	HHS-PHS-AID-Microbio & Infectious Dis Re	7/31/99	\$74,688
	Titus,Richard G			
Diagnosis of Canine Lymphoma by Analysis of Antigen Receptor Gene Rearrangement	Avery,Anne C	Pathology	1/1/98 -	5454
	Burnett,Robert C	AVMA-Amer Veterinary Medi Assoc Found	12/31/98	\$10,207
	Swardson,Christine J			
Promotion of Hepatic Neoplasia by PCB Mixtures	Benjamin,Stephen A	Pathology	4/1/98 -	4476
	Dean,Charles E	HHS-NIH-Bio Resp to Env Health Hazards	3/31/03	\$61,992
Chemical Mixtures as Promoters of Carcinogenesis	Benjamin,Stephen A	Pathology	4/1/98 -	7794
		HHS-PHS-Superfund Hazardous Substances	3/31/00	\$144,276
The Role of JSRV in Ovine Pulmonary Carcinoma	Demartini,James C	Pathology	3/31/93 -	4449
	Carlson,Jonathan O	HHS-NIH-NCI-National Cancer Institute	5/31/01	\$286,452
The Role of JSRV in Ovine Pulmonary Carcinoma	Demartini,James C	Pathology	3/1/93 -	4449
	Carlson,Jonathan O	HHS-NIH-NCI-National Cancer Institute	5/31/01	\$300,088
The Role of JSRV in Ovine Pulmonary Carcinoma	Demartini,James C	Pathology	3/1/93 -	4449
	Carlson,Jonathan O	HHS-NIH-NCI-National Cancer Institute	5/31/01	\$31,031
Dietary Effects on Phenobarbital Pharmacokinetics in Canine Epilepsy	Fettman,Martin J	Pathology	3/1/98 -	5462
	Greco,Deborah S	Morris Animal Foundation	2/28/99	\$17,710
	Smith,Mary O			
Dedicated Prion Research Laboratory - Surveillance Program	Frank,Anthony A	Pathology	6/1/98 -	6324
		Colorado Beef Council	5/31/01	\$44,000
Impact of Anti-viral Therapies on Pathogenic FIC Infection	Hoover,Edward A	Pathology	6/1/92 -	4355
		University of Washington	5/31/00	\$104,991
Type 1 vs Type 2 Cytokine Response During FIV Infection	Hoover,Edward A	Pathology	3/1/97 -	4435
	Rogers,Arlin B	HHS-PHS-AID-Microbio & Infectious Dis Re	2/28/01	\$74,608
FIV Model of Perinatal HIV Infection & Intervention	Hoover,Edward A	Pathology	5/1/96 -	4450
		HHS-PHS-Research for Mothers & Children	4/30/01	\$244,016
Pathogenesis of Feline Immunodeficiency Virus Infection	Hoover,Edward A	Pathology	1/1/98 -	4469
		HHS-PHS-AID-Microbio & Infectious Dis Re	12/31/01	\$1,450
Immunopathogenesis of Transmucosal FIV Infection	Hoover,Edward A	Pathology	8/1/97 -	4964
	Burkhard,Mary Jo	HHS-NRSA-Nat. Research Service Award	7/31/98	\$35,300
FeLV Vaccine Studies	Hoover,Edward A	Pathology	4/15/97 -	6240
		Heska Corporation (Paravax) *	4/14/99	\$166,056

Vet. Medicine & Biomedical Sciences - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Perinatal Mucosal FIV Infection & Intervention	Obert,Leslie A	Pathology	9/1/96 -	4426
	Hoover,Edward A	HHS-PHS-AID-Microbio & Infectious Dis Re	8/31/99	\$74,554
Characterization of Feline Model of Niemann-Pick Type C	Thrall,Mary Anna	Pathology	9/30/91 -	4413
		HHS-PHS-Comparative Medicine Program	9/29/99	\$137,556
Niemann-Pick Type C: Investigations in a Feline Model	Thrall,Mary Anna	Pathology	1/1/98 -	4912
	Royals,Kyra L	HHS-PHS-Diabetes, Endocrin. & Metab. Res	12/31/98	\$29,600
Role of Sand Fly & Tick Saliva in Disease	Titus,Richard G	Pathology	2/1/98 -	4473
		HHS-PHS-AID-Microbio & Infectious Dis Re	1/31/03	\$278,030
Immune Response to Leishmania Major	Titus,Richard G	Pathology	4/1/93 -	4478
		HHS-PHS-AID-Microbio & Infectious Dis Re	6/30/02	\$282,175
The Human Immune Response to Leishmania Major in Vitro System	Titus,Richard G	Pathology	9/1/97 -	5452
		Intl Fndtn for Ethical Research, Inc.	8/31/98	\$14,500
Maxadilan-based Vaccines for Leishmaniasis	Titus,Richard G	Pathology	7/1/97 -	6271
		Heska Corporation (Paravax) *	6/30/98	\$12,500
Immunity Induced by Avirulent Lentiviruses in Cats	Vandewoude,Sue	Pathology	6/15/97 -	4447
		HHS-PHS-AID-Microbio & Infectious Dis Re	5/31/02	\$99,738
Post Doctor of Veterinary Medicine Trainee Position	Weiser,M Glade Cockerell,Gary L	Pathology	7/1/95 -	6120
		Rhone-Poulenc Rorer	6/30/99	\$40,881
Post Doctor of Veterinary Medicine Trainee Position	Weiser,M Glade Cockerell,Gary L	Pathology	7/1/95 -	6120
		Rhone-Poulenc Rorer	6/30/99	\$42,910
Animal Reproduction & Biotechnology Laboratory Facility	Amann,Rupert P	Physiology	6/1/94 -	1477
	Baker,Ronald Alan	USDA-CSRS-CGP-Competitive Grants Program	5/31/98	\$1,067,000
	Niswender,Gordon D			
Transcriptional Regulation of Placental Hormones	Anthony,Russell V	Physiology	11/1/97 -	1438
	Bowen,Richard A	USDA-CSRS-CGP-Competitive Grants Program	10/31/99	\$120,000
Regulation of GnRH Receptor Gene Expression	Clay,Colin	Physiology	1/1/95 -	7675
		HHS-PHS-Population Research	12/31/99	\$104,835
Mechanisms of GnRH Receptor Gene Expression	Clay,Colin	Physiology	9/1/96 -	7922
	Duval,Dawn L	HHS-NRSA-Nat. Research Service Award	8/31/99	\$28,600
Use of Liposomes to Cryopreserve Rooster Sperm	Graham,James K	Physiology	9/1/97 -	1415
		USDA-CSRS-CGP-Competitive Grants Program	8/31/99	\$210,322
Nerve Regeneration Screen	Ishii,Douglas N	Physiology	9/1/96 -	6207
		Aurogen, Inc.	12/31/97	\$200

Vet. Medicine & Biomedical Sciences - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Nerve Regeneration Screen	Ishii,Douglas N	Physiology Aurogen, Inc.	9/1/96 - 12/31/97	6207 \$9,300
Nerve Regeneration Screen	Ishii,Douglas N	Physiology Aurogen, Inc.	9/1/96 - 12/31/97	6207 \$4,195
Treatment of Diabetic Neuropathy	Ishii,Douglas N	Physiology Aurogen, Inc.	9/1/96 - 3/30/98	7509 \$324
Recovery from Nerve Injury - Project 4	Ishii,Douglas N	Physiology HHS-CDC-Environ. Hlth & Injury Control	9/1/95 - 8/31/98	7704 \$62,054
Pathogenesis of Diabetic Neuropathy 09	Ishii,Douglas N	Physiology HHS-PHS-Biol Basis Research in Neurosci	9/30/97 - 8/31/00	7770 \$239,679
Mechanisms Regulating the Mid Luteal Phase Increase in Secretion of FSH in Cows	Nett,Torrance M	Physiology USDA-CSRS-CGP-Competitive Grants Program	9/15/97 - 9/30/00	1432 \$182,779
GnRH Analog Toxins: Use for Gonadal Inhibition	Nett,Torrance M	Physiology Gonex, Inc	8/1/97 - 7/31/98	7519 \$41,000
Community-Based Livestock Integrated Resource Management	Niswender,Gordon D Green,Ronnie D Hoag,Dana Loyd	Physiology USDA-CSRS-Coop. States Research Service	4/1/98 - 3/31/01	1439 \$250,000
Regulation of LH Receptors & Progesterone Secretion	Niswender,Gordon D	Physiology HHS-PHS-Population Research	7/1/78 - 11/30/98	7637 \$163,345
Training in Mammalian Reproductive Biology	Niswender,Gordon D	Physiology HHS-PHS-Population Research	9/1/77 - 4/30/00	7927 \$88,117
Students in Health Professional Schools	Niswender,Gordon D	Physiology HHS-PHS-Population Research	9/1/77 - 4/30/00	7929 \$90,243
Students in Health Professional Schools	Niswender,Gordon D	Physiology HHS-PHS-Population Research	9/1/77 - 4/30/00	7929 \$43,086
Training in Mammalian Reproductive Biology	Niswender,Gordon D	Physiology HHS-PHS-Population Research	9/1/77 - 4/30/00	7930 \$90,243
Augment the Existing NASA/Ames Research Center-CSU Cooperative Agreement	Phillips,Robert W	Physiology NASA-ARC-Ames Research Center	11/1/97 - 6/30/98	1955 \$57,769
Augment the Existing NASA/Ames Research Center-CSU Cooperative Agreement	Phillips,Robert W	Physiology NASA-ARC-Ames Research Center	11/1/97 - 10/31/98	1955 \$28,607
Organization of LH Receptors on Hormone Responsive Cells	Roess,Deborah A	Physiology HHS-PHS-Population Research	6/1/95 - 5/31/00	7694 \$65,718

Vet. Medicine & Biomedical Sciences - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Membrane Events Following Hormone Binding to LH Receptor	Roess,Deborah A	Physiology HHS-PHS-NCI-Cancer Treatment Center	7/1/87 - 3/31/01	7761 \$129,380
Potential Improvement of Fertility in Cattle	Seidel,George E.Jr	Physiology Biopore, Inc.	6/23/97 - 12/31/97	6259 \$15,851
Sexing Mammalian Sperm by Flow Cytometry	Seidel,George E.Jr	Physiology XY, Inc.	7/1/97 - 6/30/98	6279 \$262,585
Reproductive Safety of Moxidectin Equine Gel in Breeding Stallions	Squires,Edward L	Physiology Fort Dodge Animal Health (old Cyanamid)	12/1/97 - 9/1/98	6286 \$172,651
Deslorelin Study	Squires,Edward L	Physiology Thorn BioScience LLC	6/1/98 - 12/1/98	6327 \$226,769
Regulatory Mechanisms of Cardiac Repolarization	Tamkun,Michael	Physiology HHS-NIH-Child Health & Human Development	1/1/93 - 12/31/01	7764 \$269,208
Molecular Physiology of Uterine Sodium Channels	Tamkun,Michael	Physiology HHS-PHS-Research for Mothers & Children	6/1/96 - 5/31/99	7765 \$178,640
Molecular Physiology of Uterine Sodium Channels	Tamkun,Michael	Physiology HHS-PHS-Research for Mothers & Children	6/1/96 - 5/31/99	7765 \$168,929
Computer Simulation of Cardiovascular Function in Reduced Gravity	Tucker,Alan Gotshall,Robert W	Physiology National Aeronautics & Space Admin.	7/1/97 - 6/30/98	1904 \$22,000
Impact of Lung Injury on the Immature Pulmonary Circulation	Tucker,Alan	Physiology University of Colorado Health Sci Ctr	12/1/96 - 11/30/01	7518 \$46,238
Short-Term Training for Minority Students	Tucker,Alan Florant,Gregory L	Physiology HHS-Heart and Vascular Disease Research	5/1/98 - 4/30/03	7787 \$20,788
Anti-Androgenic Pesticides: Impact on Male Reproduction	Veeramachaneni,D N Rao	Physiology Environmental Protection Agency	10/1/97 - 9/30/00	5811 \$454,974
Effects on Development & Reproduction in Rabbits Following Exposure to Dibromoaetic...	Veeramachaneni,D N Rao Sawyer,Heywood R	Physiology EPA-Water Pollution Control/R&D	5/20/98 - 5/19/01	5861 \$310,000
Determining Significant Endpoints for Risk Analysis	Bedford,Joel S Whicker,F Ward	Radiological Health Sciences University of Georgia	1/1/97 - 12/31/99	3982 \$135,904
HZE Radiation Induced Chromosomal Instability	Bedford,Joel S	Radiological Health Sciences HHS-NIH-NCI-National Cancer Institute	9/30/97 - 9/30/01	7772 \$92,428
Detection of Cryptic Chromosome Inversions	Bedford,Joel S	Radiological Health Sciences HHS-Cancer Detection-Diagnosis Research	9/30/97 - 9/29/00	7773 \$143,029
Radiological Sciences Basic to Cancer Research	Bedford,Joel S	Radiological Health Sciences HHS-PHS-Cancer Research Manpower	9/1/97 - 8/31/02	7928 \$239,412

Vet. Medicine & Biomedical Sciences - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Project 2B: DNA Repair & Early Development of Chromosomal Changes	Bedford,Joel S	Radiological Health Sciences Univ California-Lawrence Berkeley Lab	7/1/97 - 12/31/01	9328 \$338,481
Uncertainty Analysis of Neutron Dose Estimates for Former Workers at the DOE Rocky...	Borak,Thomas B	Radiological Health Sciences DynCorp of Colorado, Inc.	7/1/97 - 6/30/98	9336 \$54,785
Uncertainty Analysis of Neutron Dose Estimates for Former Workers at the DOE Rocky...	Borak,Thomas B	Radiological Health Sciences DynCorp of Colorado, Inc.	7/1/97 - 9/30/97	9336 \$43,731
Radiobiology of Lethality, Mutation, & Transformation	Elkind,Mortimer M	Radiological Health Sciences HHS-NIH-NCI-National Cancer Institute	5/1/88 - 3/31/99	7650 \$602,669
Hyperthermia & Perfusion Effects in Cancer Therapy	Gillette,Edward L	Radiological Health Sciences Duke University	8/19/96 - 7/31/98	7512 \$166,359
Hyperthermia & Perfusion Effects in Cancer Therapy	Gillette,Edward L	Radiological Health Sciences Duke University	8/19/96 - 7/31/98	7513 \$37,526
Specialized Centers of Research & Training (Training & Education)	Gillette,Edward L Borak,Thomas B Bedford,Joel S	Radiological Health Sciences Univ California-Lawrence Berkeley Lab	7/1/97 - 12/31/01	9327 \$1,015,248
Project 4: Role of the Microenvironment in Radiation Responses of Epithelial Cells...	Gillette,Edward L	Radiological Health Sciences Univ California-Lawrence Berkeley Lab	7/1/97 - 12/31/01	9330 \$345,344
Long Term Risk from Actinides in the Environment: Modes of Mobility	Ibrahim,Shawki A Whicker,F Ward Hakonson,Thomas E	Radiological Health Sciences US Department of Energy	12/15/97 - 12/14/00	3869 \$499,979
Molecular Cytogenetics of Canine Cancer	Larue,Susan M	Radiological Health Sciences Morris Animal Foundation	9/1/96 - 8/31/98	5208 \$30,320
Investigation of Tumor Cytogenetics & Biology of Feline Vaccine Induced Sarcomas	Larue,Susan M	Radiological Health Sciences Morris Animal Foundation	10/1/97 - 9/30/00	5453 \$9,777
Responses of Leukemic Cells & Transfections to X-rays & Heat Treatments	Lett,John T	Radiological Health Sciences DOD-USAF-Air Force	9/28/95 - 9/30/97	2586 \$6,500
Response of Leukemic Cells & Transfections to X-Rays & Heat Treatments	Lett,John T	Radiological Health Sciences DOD-USAF-Air Force	1/1/98 - 8/14/98	7300 \$10,000
Response of Leukemic Cells & Transfections to X-Rays & Heat Treatments	Lett,John T	Radiological Health Sciences DOD-USAF-Air Force	1/1/98 - 4/30/98	7300 \$20,000
Radionuclides in Shallow Water Sediments at CANDU Nuclear Generating Stations	Rowan,David J	Radiological Health Sciences Atomic Energy of Canada Limited (AECL)	2/1/98 - 3/27/98	6301 \$23,180
HZE Radiation Genotoxicity in Cultured Mammalian Cells	Waldren,Charles A	Radiological Health Sciences NASA-Goddard	12/1/95 - 11/30/98	1938 \$129,794

Vet. Medicine & Biomedical Sciences - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Cell Genetic Damage at Low Dose & Low Dose Rate	Waldren,Charles A	Radiological Health Sciences HHS-NIH-NCI-National Cancer Institute	9/1/84 - 1/31/01	7733 \$274,874
Project 3B: Mechanisms & Modulation of Mutagenesis	Waldren,Charles A	Radiological Health Sciences Univ California-Lawrence Berkeley Lab	7/1/97 - 12/31/01	9329 \$373,424
Ecological Risk Assessment Methodology for the Savannah River Site	Whicker,F Ward	Radiological Health Sciences University of Georgia	4/30/97 - 12/31/97	9331 \$31,775
Ecological Risk Assessment Methodology for the Savannah River Site	Whicker,F Ward	Radiological Health Sciences University of Georgia	4/30/97 - 12/31/97	9332 \$15,786
Efficiency of a Biotic System for Remediating Radionuclide Contamination	Whicker,F Ward	Radiological Health Sciences University of Georgia	7/1/97 - 6/30/98	9337 \$24,273
Radioecological Studies & Technical Support to SREL	Whicker,F Ward	Radiological Health Sciences University of Georgia	10/1/97 - 6/30/98	9344 \$40,000

Other - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Student Support Services	Aragon,Geraldine Josephine	Academic Advancement Center	9/1/97 -	4261
		DE-Student Support Services	8/31/02	\$223,633
Agricultural Research	Sommers, Lee E	Agric Experiment Station	10/1/97 -	2060
		USDA-CSRS-Coop. States Research Service	9/30/98	\$1,500
Agricultural Research	Sommers, Lee E	Agric Experiment Station	10/1/97 -	2060
		USDA-CSRS-Coop. States Research Service	9/30/98	\$10,000
TEAM Grant	Wormal, Wendy L	Athletics	8/20/97 -	1051
		National Safety Council - TEAM Grants	8/1/98	\$10,017
Southwestern Willow Flycatcher Survey	Mcnerney, Ralph B	Career Center	4/1/97 -	1873
		DOI-Bureau of Reclamation	9/30/98	\$6,800
Southwestern Willow Flycatcher Survey	Mcnerney, Ralph B	Career Center	4/1/97 -	1873
		DOI-Bureau of Reclamation	9/30/98	\$38,200
Ribozyme Cloning Project	Mcnerney, Ralph B	Career Center	5/26/97 -	6247
		Ribozyme Pharmaceuticals, Inc.	8/8/97	\$2,956
Reciprocal Experiential Learning, A School to Career Grant	Sneider, Thomas W Gill, Ann M Black, Karen A	Career Center	10/15/97 -	0273
		State of Colorado - Governor's Office	10/15/99	\$40,000
Upward Bound Summer Food Service Program	Thayer, Paul	Center Educ Access & Outreach	6/1/98 -	0259
		Colorado Department of Education	7/31/98	\$8,500
Colorado State University Educational Opportunity Center	Thayer, Paul	Center Educ Access & Outreach	11/1/94 -	4221
		DE-Educational Opportunity Centers	10/31/99	\$365,279
Upward Bound 1998 - 1999	Thayer, Paul	Center Educ Access & Outreach	7/1/95 -	4264
		DE-Dept of Educa - Upward Bound Program	5/31/99	\$383,457
Colorado Water Resource Research Institute Program - FY 97	Ward, Robert C	Colo Water Resources Res Inst	3/1/96 -	2937
		DOI-USGS-Geological Survey	2/28/01	\$20,000
Developing a Decision Support System for the South Platte Basin	Ward, Robert C Garcia, Luis	Colo Water Resources Res Inst	3/1/97 -	5153
		Various "Non-Profit" Sponsors	6/30/99	\$10,000
Developing a Decision Support System for the South Platte Basin	Ward, Robert C Garcia, Luis	Colo Water Resources Res Inst	3/1/97 -	5153
		Various "Non-Profit" Sponsors	6/30/99	\$1,500
Project Wild Clerical Assistance	Bahm, Michael G	Colorado State Forest Service	7/1/97 -	0089
		Colorado Division of Wildlife	6/30/98	\$17,133
Denver Urban Resources Partnership Program	Hubbard, James E Hoefler, Philip J	Colorado State Forest Service	6/1/95 -	4155
		DOI-NPS-National Park Service	9/1/98	\$30,000

Other - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Northern Colorado Youth Naturally	Serby,Judy Elizabeth	Colorado State Forest Service Colorado Division of Wildlife	7/1/97 - 6/30/98	0241 \$15,000
Accident Investigation/Reconstruction	Mertz,Susan A	Continuing Educ-Administration Colorado Department of Transportation	1/20/98 - 9/30/98	0227 \$45,000
Accident Investigation/Reconstruction	Mertz,Susan A	Continuing Educ-Administration Colorado Department of Transportation	1/20/98 - 9/30/98	0227 \$45,000
DUI Detection & Standardized Field Sobriety...	Mertz,Susan A	Continuing Educ-Administration Colorado Department of Transportation	1/20/98 - 9/30/98	0228 \$25,000
DUI Detection & Standardized Field Sobriety...	Mertz,Susan A	Continuing Educ-Administration Colorado Department of Transportation	1/20/98 - 9/30/98	0228 \$25,000
Food Stamp Nutrition Education Plan (FSNEP)	Bray,Colleen R Wilken,Karen K	Cooperative Extension Colorado Department of Human Service	10/1/97 - 9/30/98	0099 \$986,904
Nutrition Education for Colorado Springs Limited Income	Bray,Colleen R	Cooperative Extension City of Colorado Springs	4/1/97 - 3/31/98	1052 \$9,000
Nutrition Education for Colorado Elderly	Bray,Colleen R	Cooperative Extension CompreCare Foundation	1/1/97 - 12/31/98	5427 \$10,346
Southwest Colorado River Basin Water Quality - Grand Valley Hydrosalinity	Gray,Mary Mcphail	Cooperative Extension USDA-NRCS-Natural Resources Consvtn Srv	3/1/98 - 9/30/98	2125 \$56,000
Southwest Colorado River Basin Water Quality - Lower Gunnison Unit	Gray,Mary Mcphail	Cooperative Extension USDA-NRCS-Natural Resources Consvtn Srv	3/1/98 - 9/30/98	2135 \$68,000
Well Assessment System (Well *A* Syst) in Colorado	Gray,Mary Mcphail	Cooperative Extension USDA-NRCS-Natural Resources Consvtn Srv	5/14/98 - 9/30/98	2138 \$4,282
Southwest Colorado River Basin Water Quality - Grand Valley Unit	Gray,Mary Mcphail	Cooperative Extension USDA-NRCS-Natural Resources Consvtn Srv	3/1/98 - 9/30/98	2156 \$45,334
Department of Local Affairs Work Study	Katers,Timothy J	Cooperative Extension Colorado Department of Local Affairs	7/1/97 - 6/30/98	0082 \$3,900
Communities in Economic Transition Six-State Pilot Project	Knop,Sheila A Lamm,W Dennis	Cooperative Extension Texas A & M	9/1/96 - 9/30/98	1319 \$15,540
Communities in Economic Transition 6-State Pilot Project	Knop,Sheila A	Cooperative Extension Texas A & M	9/1/96 - 9/30/98	1319 \$1,000
USDA Resource Conservation & Development Coordinator	Knop,Sheila A	Cooperative Extension USDA-NRCS-Natural Resources Consvtn Srv	5/1/97 - 9/30/98	2104 \$5,333
Colorado STAND	Luevane,Carmen Mendoza	Cooperative Extension Colorado Department of Human Service	7/1/97 - 6/30/98	0081 \$25,622

Other - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Colorado STAND - Youth & Young Adult Driving Under the Influence Prevention...	Luevane,Carmen Mendoza	Cooperative Extension Colorado Department of Transportation	10/1/97 - 9/30/98	0212 \$163,833
Partners in Parenting	Martin,Dorothy H Whaley,Christine B	Cooperative Extension Colorado Department of Human Service	7/1/97 - 6/30/98	0048 \$87,469
Colorado Youth Council	Martin,Dorothy H Millich,Krystie Rose	Cooperative Extension Colorado Department of Human Service	7/1/97 - 6/30/98	0060 \$11,535
DARE to be You Community Training	Miller-Heyl,Janet L	Cooperative Extension Colorado Dept Public Health & Environ	10/1/97 - 9/30/98	0213 \$32,234
Primary Prevention for 2- to 5 Year old Youth & Their High-Risk Parents & Caregivers...	Miller-Heyl,Janet L Macphee,David L Fritz,Janet J	Cooperative Extension HHS-PHS-Prev of Alco & Drug Abuse/Youth	9/30/95 - 9/29/98	4453 \$33,988
Primary Prevention for 2- to 5 Year-Old Youth & Their High-risk Parents & Caregivers...	Miller-Heyl,Janet L	Cooperative Extension HHS-PHS-Prev of Alco & Drug Abuse/Youth	9/30/97 - 9/29/98	4462 \$49,159
DARE to be You DARE-PAIR for Montezuma County, Colorado	Miller-Heyl,Janet L	Cooperative Extension Montezuma County Partners, Inc.	7/1/94 - 6/30/99	5002 \$21,721
DARE to be You DARE-PAIR for Montezuma County, Colorado	Miller-Heyl,Janet L	Cooperative Extension Montezuma County Partners, Inc.	7/1/94 - 6/30/98	5002 \$21,721
DARE to be You Pilot Program for Summer Adventure Camp	Miller-Heyl,Janet L	Cooperative Extension Pinon Project Family Centers	6/1/95 - 7/30/98	5309 \$10,402
Family Skill Building Workshops for Juvenile Diversion Criteria Youth & Parents	Miller-Heyl,Janet L	Cooperative Extension Montezuma County Partners, Inc.	11/4/97 - 10/31/98	5364 \$18,546
Colorado Youth Council	Millich,Krystie Rose Steele,Douglas L	Cooperative Extension Colorado Department of Education	9/10/97 - 6/30/98	0207 \$10,000
Colorado Youth Council	Millich,Krystie Rose Steele,Douglas L	Cooperative Extension Colorado Department of Education	9/10/97 - 6/30/98	0207 \$5,000
Colorado Youth Council	Millich,Krystie Rose Steele,Douglas L	Cooperative Extension Colorado Department of Local Affairs	1/28/98 - 4/30/99	0254 \$80,000
Reduction of Pesticide Use in Colorado Commercial Greenhouses	Panter,Karen Lynn Newman,Steven E	Cooperative Extension Colorado Dept Public Health & Environ	6/1/97 - 1/31/98	0210 \$11,340
Community Development Technical Assistance to Eligible Communities	Rewerts,Milan A	Cooperative Extension Colorado Department of Local Affairs	1/1/98 - 12/31/98	0239 \$80,000
Department of Local Affairs - Pueblo (Mineral Impact funds)	Rewerts,Milan A	Cooperative Extension Colorado Department of Local Affairs	1/1/98 - 12/31/98	0240 \$80,000

Other - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
University of Alaska USDA/ARMY School Age & Teen Project	Rewerts,Milan A	Cooperative Extension University of Alaska at Fairbanks	9/10/97 - 9/30/98	2202 \$1,291
University of Alaska USDA/ARMY School Age & Teen Project	Rewerts,Milan A	Cooperative Extension University of Alaska at Fairbanks	9/10/97 - 9/30/98	2202 \$114,669
Northeast Colorado Regional Prevention Center	Steele,Douglas L Poncelow,Stacy Diane	Cooperative Extension Colorado Department of Human Service	7/1/97 - 6/30/00	0038 \$83,418
Northeast Colorado Regional Prevention Center	Steele,Douglas L Poncelow,Stacy Diane	Cooperative Extension Colorado Department of Human Service	7/1/98 - 6/30/99	0268 \$82,718
Fort Carson Child & Youth Services Youth Program	Steele,Douglas L	Cooperative Extension DOD-ARMY-Fort Carson	4/19/98 - 9/30/98	7314 \$155,000
Canal Seepage Reduction Demonstration	Valliant,James C	Cooperative Extension DOI-Bureau of Reclamation	9/16/97 - 9/30/00	4140 \$20,000
Fellowship for Russell Young	Jaros,Dean	Graduate School National Science Foundation	6/1/92 - 5/31/97	3614 \$2,000
Patricia Roberts Harris Fellowship Program -- Doctoral Study	Jaros,Dean	Graduate School US Department of Education	9/1/97 - 8/31/98	4202 \$97,804
NSF Graduate Research Fellowship for Debra Finn	Poff,N. Leroy	Graduate School NSF-EHR-Education & Human Resources	6/1/98 - 5/31/99	3603 \$24,500
Graduate Research Fellowship Program for David Ahijevych	Rutledge,Steven A	Graduate School NSF-EHR-Education & Human Resources	9/1/97 - 8/31/01	3601 \$24,500
Graduate Research Fellowship Program	Rutledge,Steven A	Graduate School NSF-EHR-Education & Human Resources	9/1/97 - 8/31/01	3602 \$31,700
Ronald E. McNair Postbaccalaureate Achievement Program	Wilcox,Anne M	Graduate School DE-Ronald E McNair Post-Baccal Achieve	10/1/97 - 9/30/99	4207 \$197,600
INTERACTE Colorado: Interactive Access to Training & Education for Colorado	Maher,Thomas G	Instructional Services CCHE-Commission on Higher Education	7/1/97 - 6/30/98	0118 \$200,000
Peace Corps Strategy Contract with CSU, 1997-98	Denney,Martha Annette	International Education Action/Peace Corps	10/1/97 - 9/30/98	1000 \$13,700
Planning Trip to Turkey; Turkey EAWT Project	Niehaus,Merle H	Intl Research & Development CID-Consortium for Inter. Development	3/1/97 - 11/30/97	9225 \$11,013
Planning Trip to Turkey; Turkey EAWT Project	Niehaus,Merle H	Intl Research & Development CID-Consortium for Inter. Development	3/1/97 - 10/30/97	9225 \$4,275
Planning Trip to Turkey; Turkey EAWT Project	Niehaus,Merle H	Intl Research & Development CID-Consortium for Inter. Development	3/1/97 - 11/30/97	9225 \$1,283

Other - Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj #/\$Amount
Planning Trip to Turkey; Turkey EAWT Project	Niehaus,Merle H	Intl Research & Development CID-Consortium for Inter. Development	3/1/97 - 4/20/97	9225 \$8,664
ZAP-ACLIN Subgrant	Wessling,Julie E	Library Colorado State Library (LSCA)	6/1/98 - 5/31/99	0276 \$2,500
Educational Talent Search	Thayer,Paul	Talent Search Program DE-Department of Education Talent Search	9/1/94 - 8/31/98	4224 \$261,789
Drug/Alcohol Zero Tolerance Grant for Education & Enforcement	Chaffee,Robert J	University Police Bacchus and Gamma Peer Educ Network	3/14/98 - 5/30/98	5379 \$3,500
Multijurisdictional Drug Task Force	Hopkins,Donn	University Police City of Loveland, Colorado	10/1/95 - 9/30/98	5041 \$45,554
Northern Front Range Air Quality Study	Smith,Ralph E	V P Research & Info Technology Governors Office	9/19/95 - 10/1/98	0835 \$64,000
Northern Front Range Air Quality Study	Smith,Ralph E	V P Research & Info Technology Governors Office	9/19/95 - 10/1/98	0835 \$25,350
Northern Front Range Air Quality Study	Smith,Ralph E	V P Research & Info Technology Governors Office	9/19/95 - 10/1/98	0835 \$21,621
Sexual Assault Prevention Through Peer Education: A Secondary & Post Secondary Model	Carrothers,Ruth A	Women'S Programs & Studies Div. of Criminal Justice/CO Dept Pub Saf	9/1/97 - 3/31/98	0234 \$9,586