

Office of Vice President for Research  
and  
Information Technology

Research Proposals Submitted

*and*

Research Awards Received

January - March 1996

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*and*

Research Awards Received

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## Foreword

Starting July 1, 1992, old Federally Funded Research and Development Centers, (i.e., national laboratories) are listed in the category which reflects the management entity (e.g., university or non-profit organization), rather than the sponsoring Federal Agency. The listing for DOE is the main Federal Agency affected.

This change was made to reflect current federal reporting requirements.

\* 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>
94-95	2nd	Natural Resources	Forest Sciences	DOD	5	\$36 Million
	3rd	Vet Med & Bio Sci	Rad Hlth Sci	HHS	5	\$13 Million
	4th	Applied HumanSci	Social Work	CDHS	1	\$6 Million
		Natural Resources	Dean's Office	NSF	5	\$5 Million
95-96	1st	Engineering	CIRA	DOC/NOAA	5	\$80 Million
	2nd	Engineering	Dean's Office	NSF	5	\$5 Million
		Natural Resources	Forest Sciences	DOD	5	\$5 Million
		Vet Med & Bio Sci	Rad Hlth Sci	DOE	5	\$5 Million
	3rd	Natural Sciences	Statistics	EPA	5	\$5 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	1st	Engineering	CIRA Admin Unit	DOD	4	\$4 Million
95-96	1st	Applied HumanSci	Social Work	CDHS	1	\$6 Million

Also, 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.

This report is developed by the Office of Sponsored Programs at Colorado State University. Please forward any address changes or corrections to:

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This information is also available on our web site.

[Http://www.vpr.colostate.edu](http://www.vpr.colostate.edu)

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Awards by College for Current Fiscal Year

## **Section II**

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

## **Section III**

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

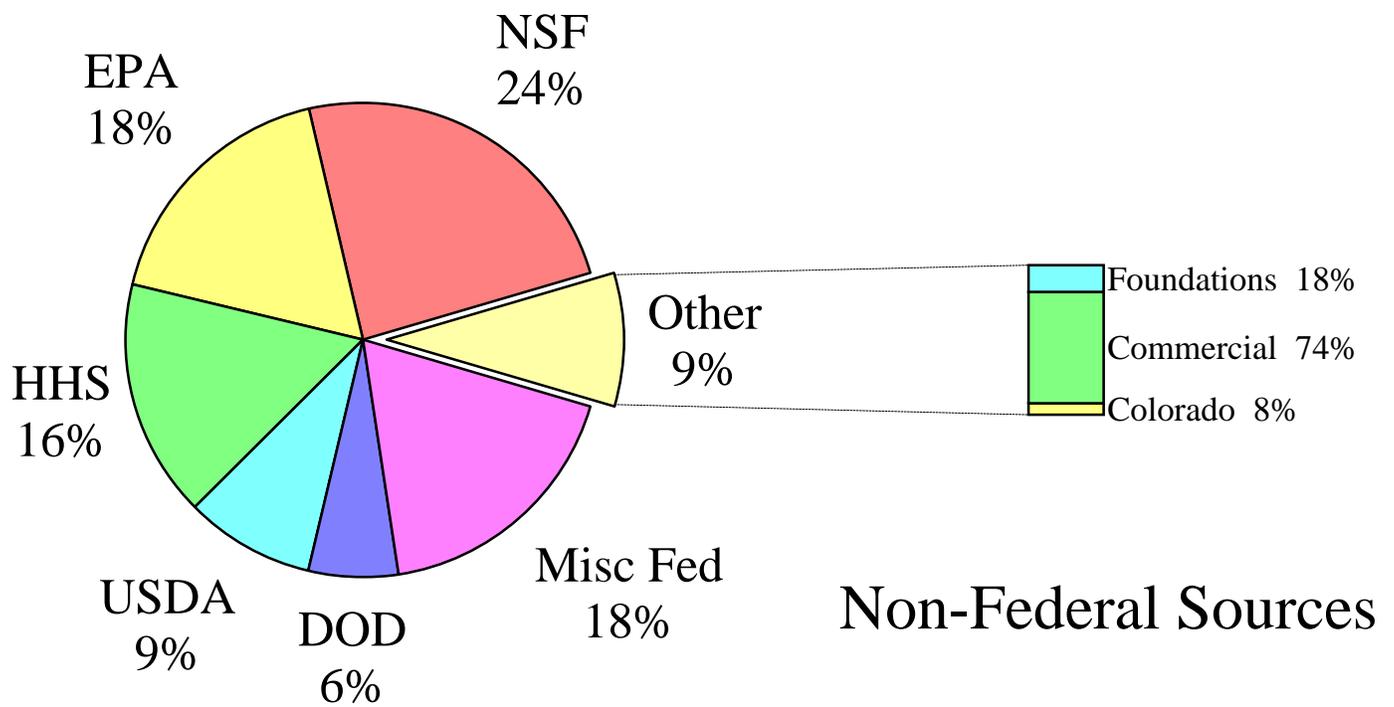
# Section I

## Historical Summaries

## **Historical and Current Quarter Proposal Summaries**

# Proposals by Fund Source

Quarter Ending March 1996



All Sources

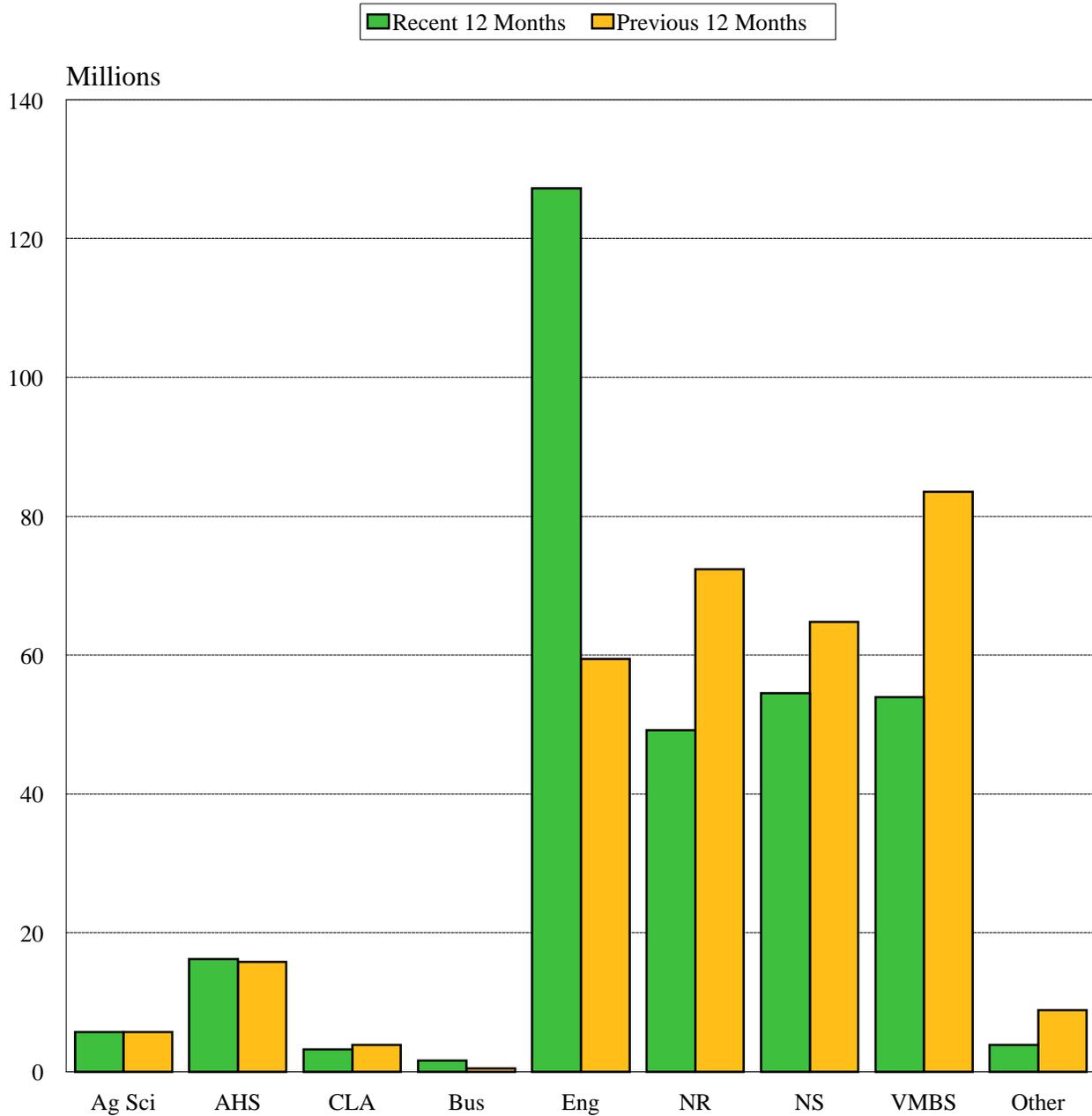
## Comparison of Current Quarter Proposals to Same Quarter Previous Fiscal Year

<u>Sponsor Name</u>	<b>01/01/96 - 03/31/96</b>		<b>01/01/95 - 03/31/95</b>	
	<u>Number</u>	<u>Amount</u>	<u>Number</u>	<u>Amount</u>
Commercial	48	\$4,562,540	46	\$3,964,448
Foundations	19	\$1,078,225	9	\$280,861
State of Colorado	16	\$468,082	18	\$1,167,890
USDA - Department of Agriculture	31	\$6,168,510	41	\$7,873,410
DOC - Department of Commerce	0	\$0	4	\$468,930
CNCS - Corporation for National & Community Srv	0	\$0	1	\$76,393
DOD - Department of Defense	8	\$4,078,472	8	\$5,855,355
DOEd - Department of Education	0	\$0	5	\$5,539,149
DOE - Department of Energy	2	\$353,096	5	\$1,758,861
EPA - Environmental Protection Agency	* 14	\$12,252,152	2	\$55,000
HHS - Health & Human Services Department	* 19	\$11,118,270	14	\$28,387,618
USDI - Department of the Interior	3	\$295,797	14	\$899,213
NASA - National Aeronautics & Space Admin.	15	\$550,000	20	\$7,882,038
NEH - Nat. Endowment for the Humanities	1	\$174,000	0	\$0
NOICC-Nat Occupational Info Coord Comm	0	\$0	1	\$44,666
NSF - National Science Foundation	34	\$16,618,034	42	\$12,167,223
	<u>0</u>	<u>\$0</u>	<u>1</u>	<u>\$33,000</u>
*** TOTAL ***	210	\$57,717,178	231	\$76,454,055

\* See Foreword

# Proposals by College

## Comparison of Consecutive 12 Months



April - March

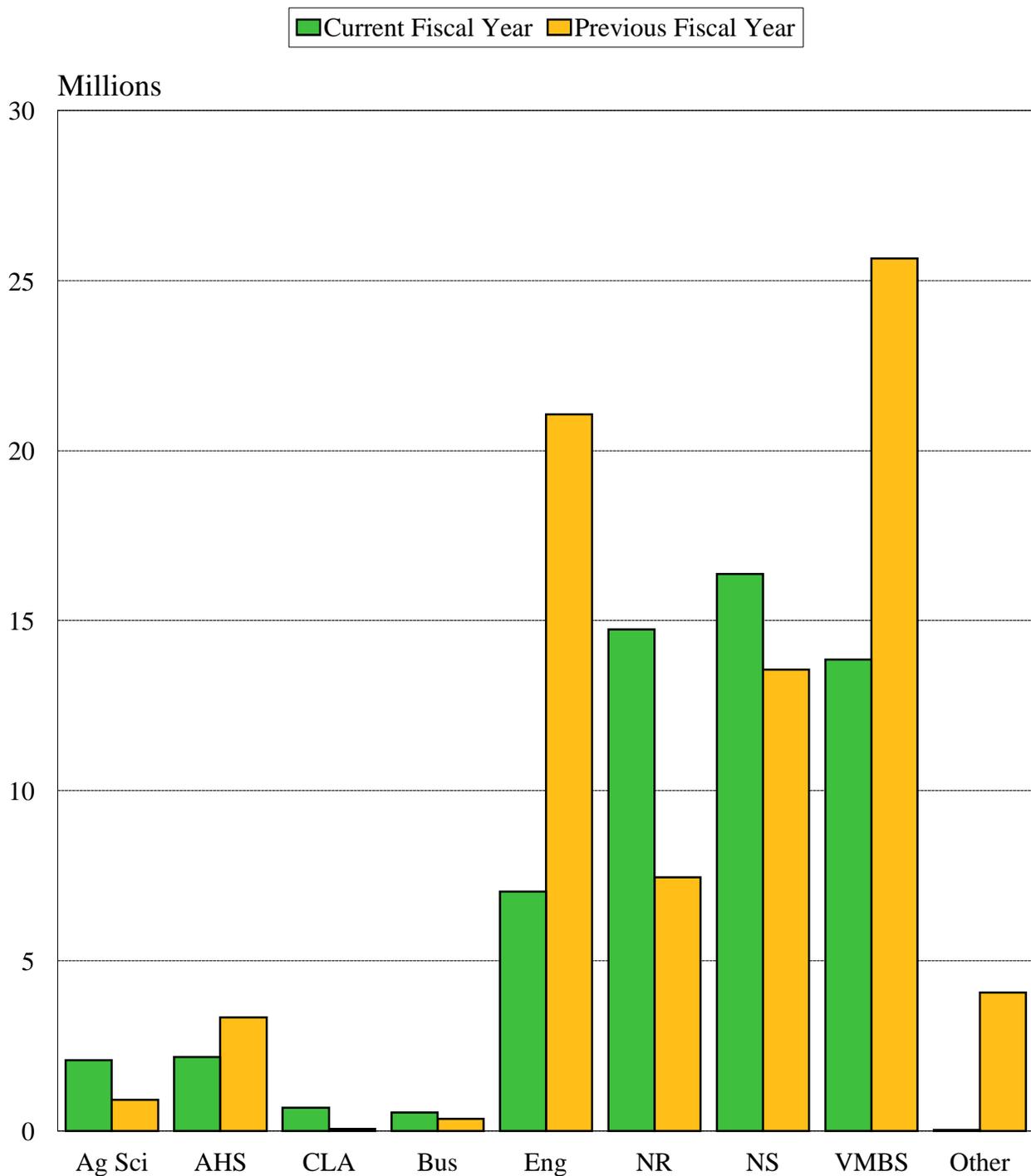
## Comparison Consecutive 12 Months Proposals to Same Period Previous Year

<u>College Name</u>	<b>04/01/95 - 03/31/96</b>		<b>04/01/94 - 03/31/95</b>	
	<u>Number</u>	<u>Amount</u>	<u>Number</u>	<u>Amount</u>
Ag Sci - Agricultural Sciences	47	\$5,725,769	52	\$5,734,697
AHS - Applied Human Sciences	38	\$16,243,949	56	\$15,798,638
CLA - Liberal Arts	17	\$3,189,114	17	\$3,889,603
Bus - Business	7	\$1,600,032	5	\$472,840
Eng - Engineering	* 175	\$127,248,647	227	\$59,437,462
NR - Natural Resources	* 132	\$49,187,547	120	\$72,360,241
NS - Natural Sciences	* 159	\$54,499,256	165	\$64,776,812
VMBS - Veterinary Med. & Bio. Sciences	* 178	\$53,965,075	164	\$83,548,835
Other - Other	* 27	\$3,844,475	43	\$8,892,435
*** TOTAL ***	780	\$315,503,864	849	\$314,911,563

\* See Foreword

# Proposals by College for Quarter

## Comparison of Proposal Submissions



January - March

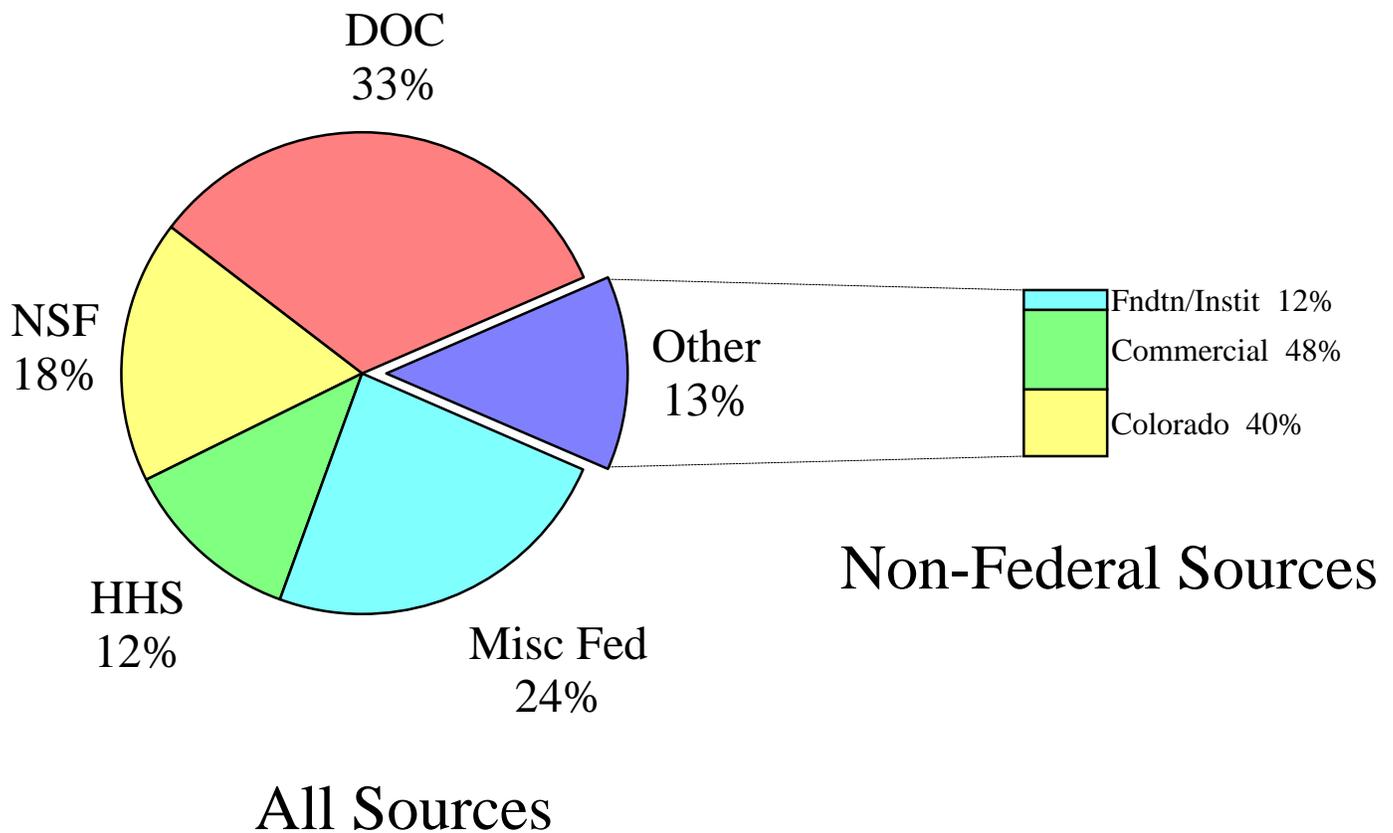
## Comparison of Current Quarter Proposals to Same Quarter Previous Fiscal Year

<u>College Name</u>	01/01/96 - 03/31/96		01/01/95 - 03/31/95	
	<u>Number</u>	<u>Amount</u>	<u>Number</u>	<u>Amount</u>
Ag Sci - Agricultural Sciences	16	\$2,080,654	11	\$905,606
AHS - Applied Human Sciences	12	\$2,178,575	12	\$3,330,863
CLA - Liberal Arts	8	\$676,933	2	\$52,382
Bus - Business	2	\$536,725	2	\$346,370
Eng - Engineering	* 39	\$7,036,691	63	\$21,072,102
NR - Natural Resources	32	\$14,943,139	44	\$7,449,945
NS - Natural Sciences	40	\$16,374,616	40	\$13,567,679
VMBS - Veterinary Med. & Bio. Sciences	* 59	\$13,862,845	45	\$25,655,734
Other - Other	* 2	\$27,000	12	\$4,073,374
*** TOTAL ***	210	\$57,717,178	231	\$76,454,055

\* See Foreword

# Proposals by Fund Source

Comparison Totals for Fiscal Year



July - March

## Comparison Cumulative Fiscal Year Proposals to Same Period Previous Fiscal Year

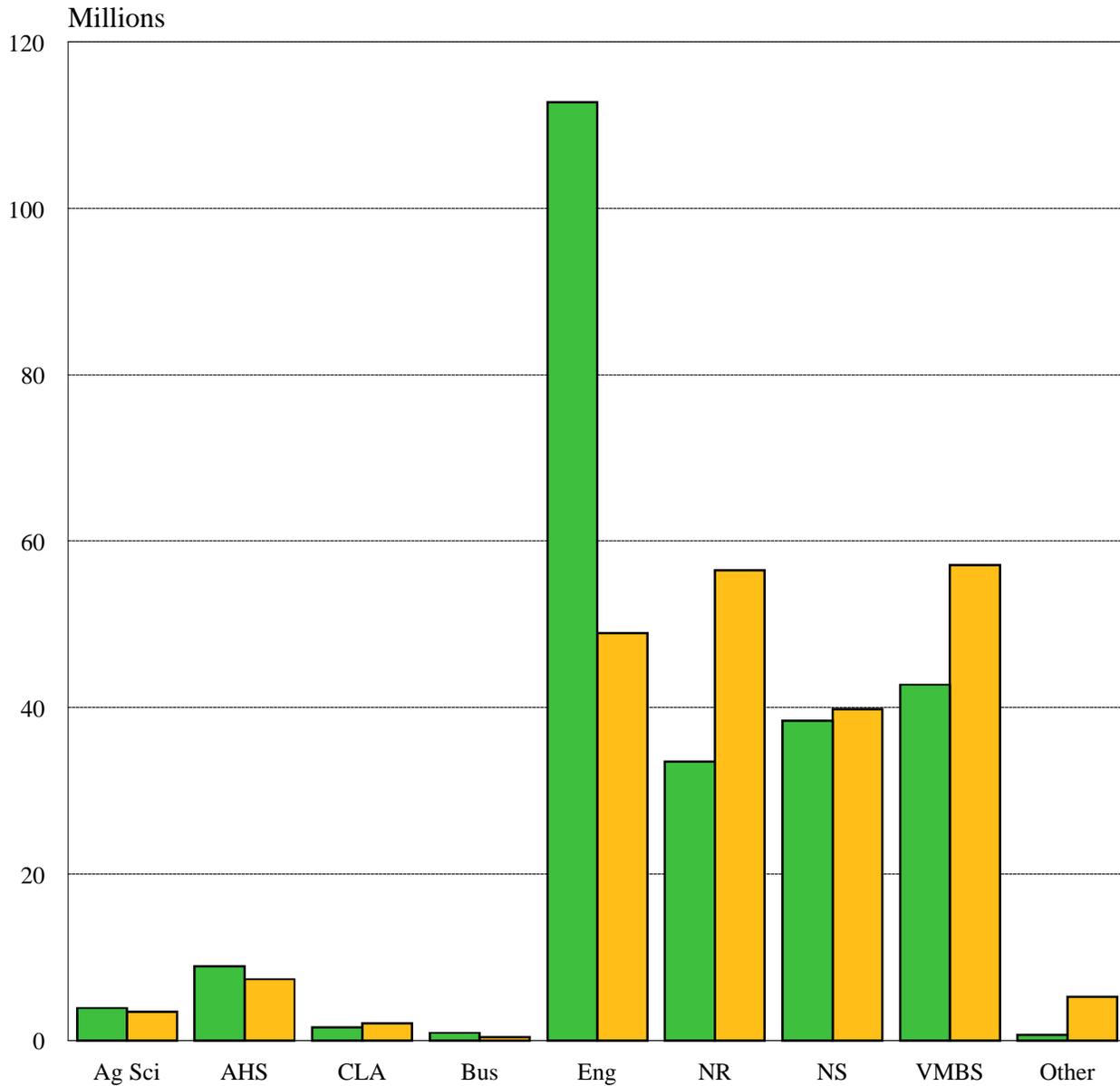
<u>Sponsor Name</u>	<b>07/01/95 - 03/31/96</b>		<b>07/01/94 - 03/31/95</b>	
	<u>Number</u>	<u>Amount</u>	<u>Number</u>	<u>Amount</u>
Commercial	139	\$14,972,945	132	\$11,007,166
Foundations	45	\$3,480,726	26	\$1,011,631
Institutes	3	\$193,699	1	\$210,420
State of Colorado	44	\$12,479,651	51	\$9,034,945
USDA - Department of Agriculture	54	\$10,285,354	58	\$10,609,326
DOC - Department of Commerce	* 5	\$80,976,216	13	\$2,377,117
CNCS - Corporation for National & CommunitySrv	0	\$0	2	\$171,794
DOD - Department of Defense	* 38	\$14,256,097	50	\$54,703,151
DOEd - Department of Education	5	\$2,614,878	16	\$8,270,575
DOE - Department of Energy	* 11	\$10,793,511	14	\$5,192,209
EPA - Environmental Protection Agency	* 18	\$12,397,317	10	\$1,659,034
HHS - Health & Human Services Department	* 53	\$30,184,802	63	\$59,659,525
USDI - Department of the Interior	7	\$371,725	25	\$3,526,550
DOJ - Department of Justice	0	\$0	1	\$198,858
DOL - Department of Labor	0	\$0	1	\$462,078
NASA - National Aeronautics & Space Admin.	23	\$7,413,866	30	\$11,351,442
NEA - National Endowment for the Arts	0	\$0	2	\$75,000
NEH - Nat. Endowment for the Humanities	2	\$197,591	2	\$9,500
NOICC-Nat OccupationalInfo Coord Comm	0	\$0	1	\$44,666
NSF - National Science Foundation	* 101	\$42,664,243	124	\$40,981,697
NRC - Nuclear Regulatory Commision	0	\$0	1	\$99,946
USIP - Institute of Peace	0	\$0	1	\$33,000
Office of Research & Development	1	\$99,539	0	\$0
USIA - U.S. Information Agency	<u>0</u>	<u>\$0</u>	<u>2</u>	<u>\$248,190</u>
*** TOTAL ***	549	\$243,382,160	626	\$220,937,820

\* See Foreword

# Proposals by College

## Comparison of Proposal Amounts by FY

Current Fiscal Year Previous Fiscal Year



July - March

## Comparison Cumulative Fiscal Year Proposals to Same Period Previous Fiscal Year

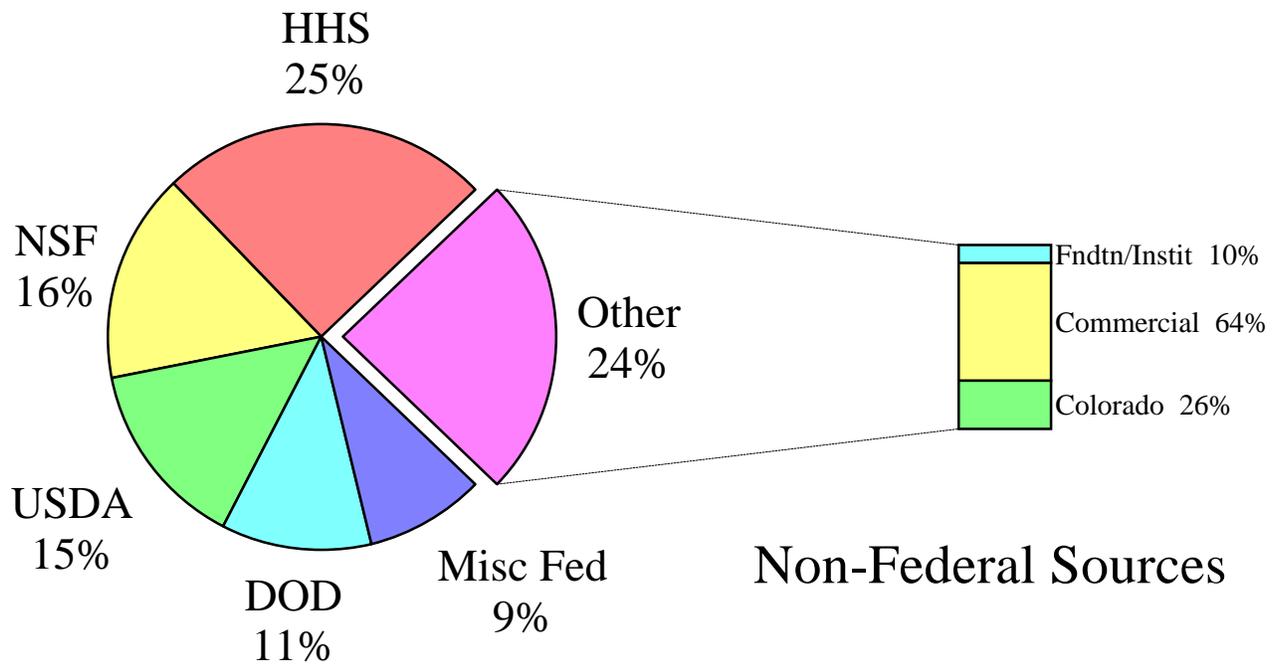
<u>College Name</u>	07/01/95 - 03/31/96		07/01/94 - 03/31/95	
	<u>Number</u>	<u>Amount</u>	<u>Number</u>	<u>Amount</u>
Ag Sci - Agricultural Sciences	29	\$3,903,067	33	\$3,436,405
AHS - Applied Human Sciences	29	\$8,924,065	43	\$7,363,948
CLA - Liberal Arts	14	\$1,582,068	12	\$2,074,653
Bus - Business	5	\$927,022	3	\$386,370
Eng - Engineering	* 127	\$112,744,394	171	\$48,963,886
NR - Natural Resources	* 88	\$33,489,205	84	\$56,488,128
NS - Natural Sciences	114	\$38,400,001	131	\$39,791,563
VMBS - Veterinary Med. & Bio. Sciences	* 135	\$42,746,693	123	\$57,152,883
Other - Other	* 8	\$665,645	26	\$5,279,984
*** TOTAL ***	549	\$243,382,160	626	\$220,937,820

\* See Foreword

## **Historical and Current Quarter Award Summaries**

# Awards by Fund Source

Quarter Ending March 1996



All Sources

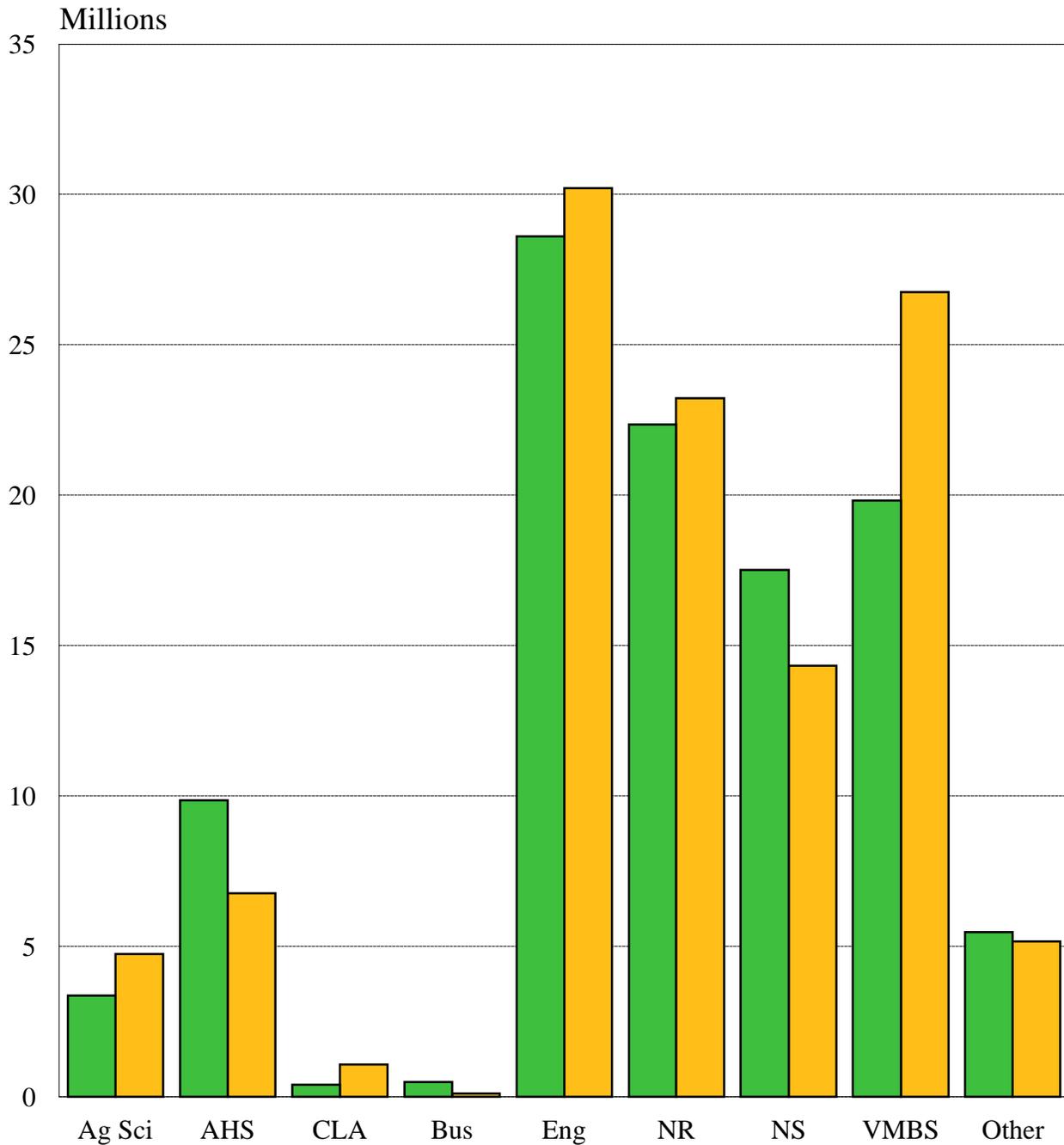
## Comparison of Current Quarter Awards to Same Quarter Previous Fiscal Year

<u>Sponsor Name</u>	<b>01/01/96 - 03/31/96</b>		<b>01/01/95 - 03/31/95</b>	
	<u>Number</u>	<u>Amount</u>	<u>Number</u>	<u>Amount</u>
Commercial	104	\$3,385,745	112	\$3,210,320
Foundations	12	\$480,909	12	\$680,431
Institutes	2	\$36,376	0	\$0
State of Colorado	31	\$1,402,474	31	\$1,521,188
USDA - Department of Agriculture	48	\$3,182,551	43	\$5,158,087
DOC - Department of Commerce	5	\$592,616	9	\$1,373,942
DOD - Department of Defense	24	\$2,437,949	22	\$2,117,705
DOEd - Department of Education	0	\$0	1	\$128,626
DOE - Department of Energy	1	\$80,096	3	\$417,000
EPA - Environmental Protection Agency	2	\$22,263	1	\$150,000
HHS - Health & Human Services Department	31	\$5,468,119	27	\$5,409,650
USDI - Department of the Interior	11	\$368,695	34	\$1,316,546
DOL - Department of Labor	0	\$0	1	\$8,922
NASA - National Aeronautics & Space Admin.	9	\$778,446	4	\$437,458
NSF - National Science Foundation	47	\$3,455,628	42	\$2,678,138
NRC - Nuclear Regulatory Commission	2	\$55,510	2	\$121,953
DOT - Department of Transportation	<u>2</u>	<u>\$200,000</u>	<u>2</u>	<u>\$199,999</u>
*** TOTAL ***	331	\$21,947,377	346	\$24,929,965

# Awards by College

## Comparison of Consecutive 12 Months

Recent 12 Months Previous 12 Months



April - March

## Comparison Consecutive 12 Months Awards to Same Period Previous Year

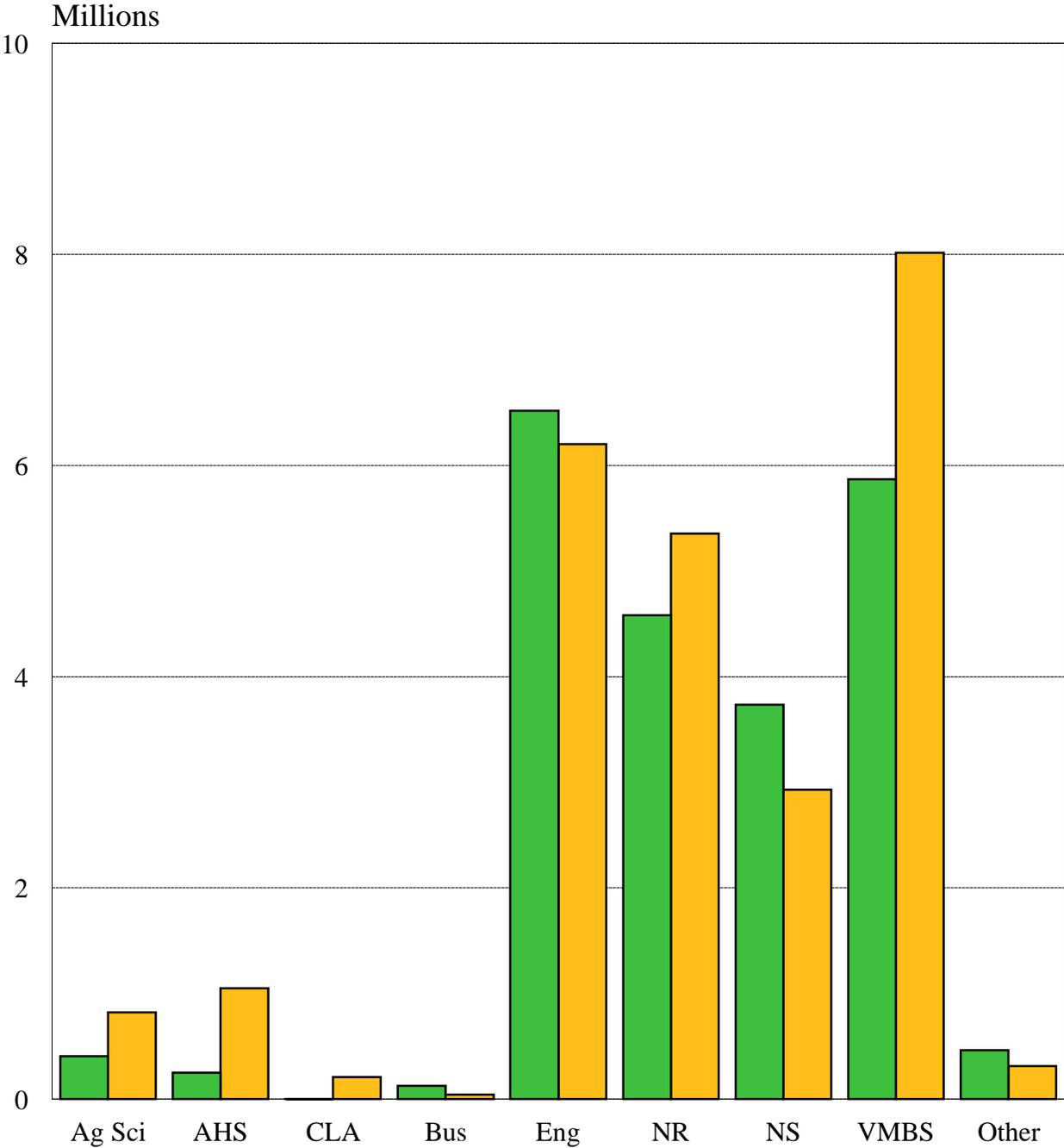
<u>College Name</u>	<b>04/01/95 - 03/31/96</b>		<b>04/01/94 - 03/31/95</b>	
	<u>Number</u>	<u>Amount</u>	<u>Number</u>	<u>Amount</u>
Ag Sci - Agricultural Sciences	207	\$3,358,170	223	\$4,749,973
AHS - Applied Human Sciences	* 81	\$9,862,204	99	\$6,777,032
CLA - Liberal Arts	14	\$411,880	18	\$1,072,240
Bus - Business	12	\$496,995	5	\$121,680
Eng - Engineering	* 335	\$28,614,050	365	\$30,201,160
NR - Natural Resources	366	\$22,350,935	324	\$23,220,023
NS - Natural Sciences	230	\$17,515,758	200	\$14,341,029
VMBS - Veterinary Med. & Bio. Sciences	221	\$19,820,655	253	\$26,753,953
Other - Other	<u>94</u>	<u>\$5,476,673</u>	<u>95</u>	<u>\$5,169,628</u>
*** TOTAL ***	1,560	\$107,907,320	1,582	\$112,406,718

\* See Foreword.

# Awards by College for Quarter

## Comparison of Awards Received

■ Current Fiscal Year ■ Previous Fiscal Year



January - March

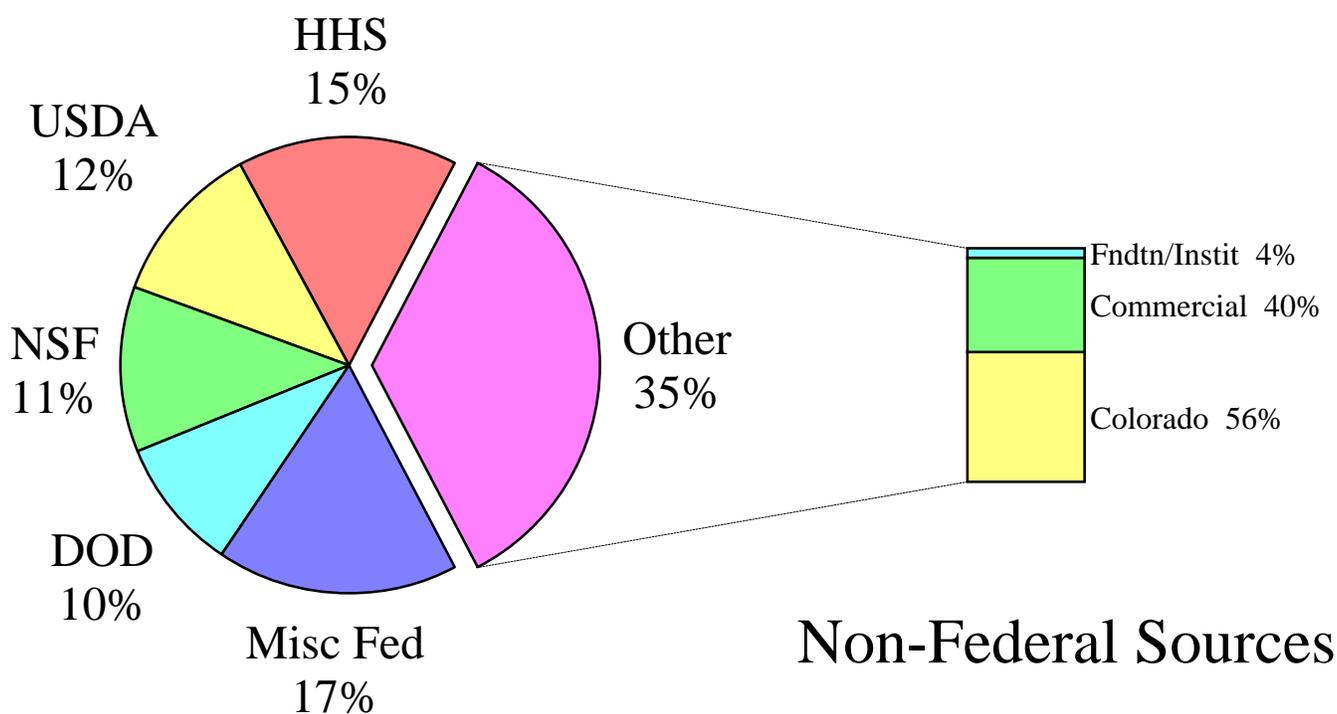
## Comparison of Current Quarter Awards to Same Quarter Previous Fiscal Year

<u>College Name</u>	<u>01/01/96 - 03/31/96</u>		<u>01/01/95 - 03/31/95</u>	
	<u>Number</u>	<u>Amount</u>	<u>Number</u>	<u>Amount</u>
Ag Sci - Agricultural Sciences	32	\$403,331	41	\$819,844
AHS - Applied Human Sciences	15	\$250,707	26	\$1,048,021
CLA - Liberal Arts	2	\$1,196	4	\$206,039
Bus - Business	3	\$127,069	1	\$40,000
Eng - Engineering	89	\$6,517,414	83	\$6,204,579
NR - Natural Resources	68	\$4,580,448	69	\$5,354,332
NS - Natural Sciences	54	\$3,735,344	45	\$2,926,987
VMBS - Veterinary Med. & Bio. Sciences	49	\$5,870,806	66	\$8,016,447
Other - Other	19	\$461,062	11	\$313,716
*** TOTAL ***	331	\$21,947,377	346	\$24,929,965

\* See Foreword.

# Awards by Fund Source

Comparison Award Amounts by Fiscal Year



All Sources

July - March

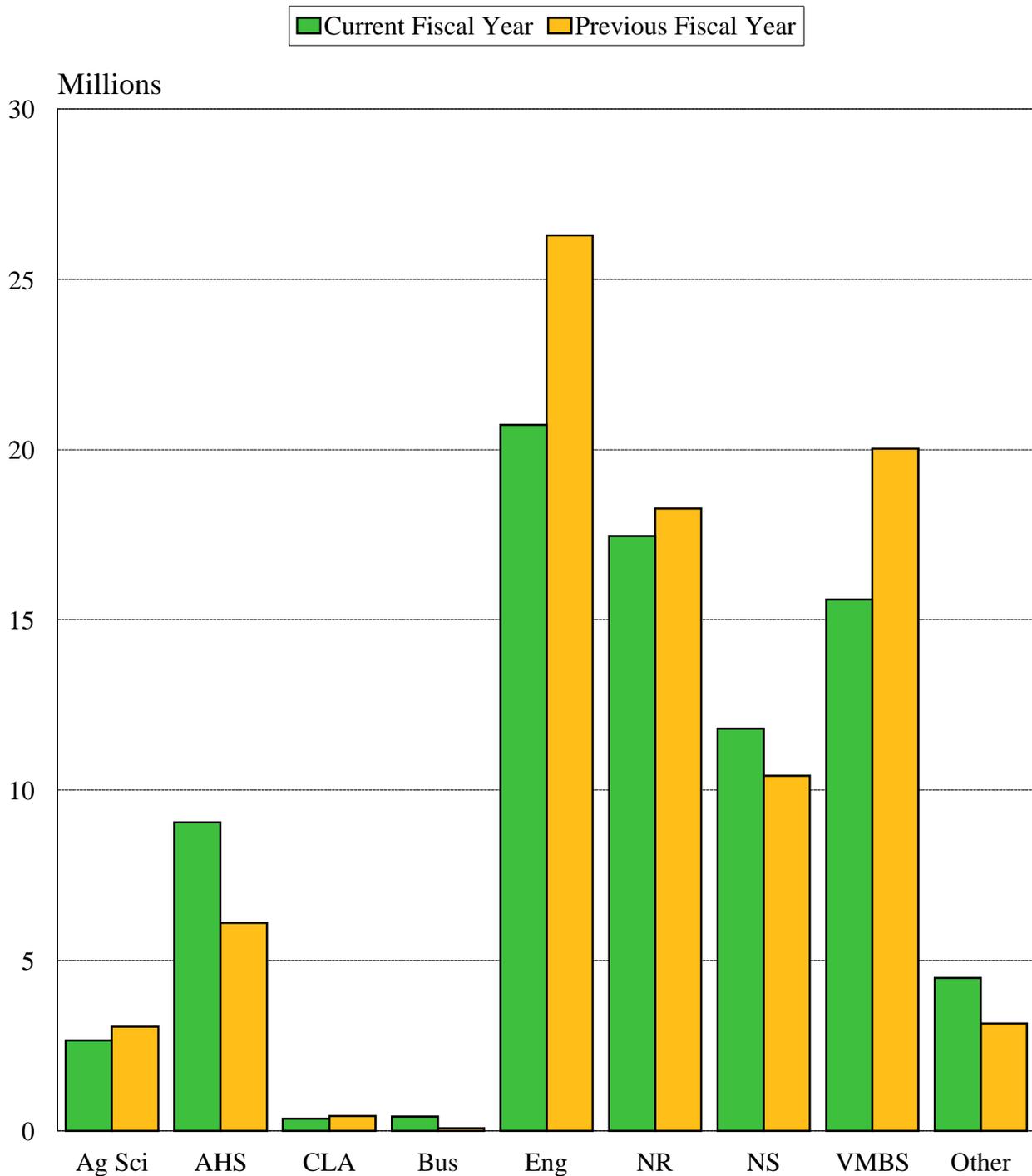
## Comparison Cumulative Fiscal Year Awards to Same Period Previous Fiscal Year

<u>Sponsor Name</u>	<b>07/01/95 - 03/31/96</b>		<b>07/01/94 - 03/31/95</b>	
	<u>Number</u>	<u>Amount</u>	<u>Number</u>	<u>Amount</u>
Commercial	363	\$11,312,341	364	\$10,285,613
Foundations	25	\$584,102	30	\$1,052,341
Institutes	8	\$523,241	6	\$1,105,759
State of Colorado	* 152	\$15,609,966	144	\$9,918,529
Action / Peace Corps	1	\$13,700	2	\$13,400
USDA - Department of Agriculture	178	\$9,443,998	161	\$13,706,120
DOC - Department of Commerce	19	\$3,440,081	21	\$3,399,955
CNCS - Corporation for National & Community Srv	1	\$73,652	1	\$85,000
DOD - Department of Defense	* 62	\$7,719,394	60	\$9,605,563
DOEd - Department of Education	5	\$794,516	13	\$2,129,364
DOE - Department of Energy	20	\$2,539,434	22	\$2,623,961
EPA - Environmental Protection Agency	13	\$927,262	9	\$694,903
HHS - Health & Human Services Department	96	\$14,374,844	89	\$16,374,069
USDI - Department of the Interior	67	\$2,930,819	97	\$5,091,828
USEC - Enrichment Corporation	1	\$28,000	0	\$0
DOL - Department of Labor	1	\$471,000	2	\$471,000
NASA - National Aeronautics & Space Admin.	21	\$2,137,387	27	\$2,090,640
NEH - Nat. Endowment for the Humanities	1	\$23,591	1	\$10,000
NSF - National Science Foundation	99	\$9,352,208	108	\$8,463,630
NRC - Nuclear Regulatory Commission	2	\$55,510	3	\$149,953
RTT - Office of Resources, Training & Technology	0	\$0	1	\$66,193
DOT - Department of Transportation	2	\$200,000	5	\$398,015
TVA - Tennessee Valley Authority	<u>0</u>	<u>\$0</u>	<u>1</u>	<u>\$75,380</u>
*** TOTAL ***	1,137	\$82,555,046	1,167	\$87,811,216

\* See Foreword.

# Awards by College

## Comparison Award Amounts by Fiscal Year



July - March

## Comparison Cumulative Fiscal Year Awards to Same Period Previous Fiscal Year

<u>College Name</u>	<b>07/01/95 - 03/31/96</b>		<b>07/01/94 - 03/31/95</b>	
	<u>Number</u>	<u>Amount</u>	<u>Number</u>	<u>Amount</u>
Ag Sci - Agricultural Sciences	153	\$2,658,381	161	\$3,052,074
AHS - Applied Human Sciences	* 58	\$9,056,674	78	\$6,102,578
CLA - Liberal Arts	10	\$353,231	13	\$430,816
Bus - Business	9	\$417,093	2	\$70,012
Eng - Engineering	* 237	\$20,716,837	287	\$26,286,360
NR - Natural Resources	264	\$17,463,903	235	\$18,278,022
NS - Natural Sciences	159	\$11,801,635	142	\$10,415,166
VMBS - Veterinary Med. & Bio. Sciences	170	\$15,602,138	181	\$20,020,009
Other - Other	<u>77</u>	<u>\$4,485,154</u>	<u>68</u>	<u>\$3,156,179</u>
*** TOTAL ***	1,137	\$82,555,046	1,167	\$87,811,216

\* See Foreword.

## Section II

Proposals Submitted for Current Quarter

College: Agricultural Sciences -- Proposals

Colorado Pesticide Impact Assessment Program	Apley,Kathryn L	Soil & Crop Sciences USDA-ES-CES-Cooperative Extension Srv	10/01/95- 09/30/96	96013701 \$13,993
Utilizing Sulfur Application to Rangelands	Davis,Jessica G	Soil & Crop Sciences The Sulphur Institute	07/01/96- 06/30/99	96023101 \$3,000
Reducing Feedlot Manure Contamination of River Basins in the West	Davis,Jessica G Vigil,Merle	Soil & Crop Sciences USDA-CSRS-CGP-Competitive Grants Program	10/01/96- 09/30/99	96023301 \$411,364
Partitioning of Ecosystem Respiration & Vectors of Water Loss: An Analysis Using S13C...	Kelly,Eugene F Sulzman,Elizabeth W	Soil & Crop Sciences National Aeronautics & Space Admin.	09/01/96- 09/01/99	96025301 \$66,000
Biogeochemical Proxies of Terrestrial Paleoclimate, Pacific Northwest, USA	Kelly,Eugene F Stevenson,Bryan A	Soil & Crop Sciences National Aeronautics & Space Admin.	09/01/96- 09/01/97	96029101 \$22,000
Effects of Ecosystem Cycling of Silica on Soil Genesis	Kelly,Eugene F Hilinski,Thomas E	Soil & Crop Sciences National Aeronautics & Space Admin.	09/01/96- 08/31/97	96029201 \$22,000
Cellular Regulation of Fat: Lean in Meat Animals	Hossner,Kim L	Animal Sciences Washington State University	06/01/96- 05/30/99	96006801 \$119,983
Mechanisms of Callipyge Sheep Growth	Hossner,Kim L	Animal Sciences US Department of Agriculture	06/01/96- 05/30/98	96007401 \$86,939
Vitamin E Supplementation During Feeding & Microbiological Intervention During Harvesting	Belk,Keith	Animal Sciences USDA-ES-CES-Cooperative Extension Srv	09/01/96- 09/01/98	96013801 \$108,000
Location Choice & Competitiveness in Pork Production	Fulton,Joan	Agricultural & Resource Economics Louisiana State University	09/16/96- 09/15/97	96009301 \$37,911
Current Uses & Risk Assessment of Ecosystem Services: An Ecological Assessment	John,Kun	Agricultural & Resource Economics EPA-Environmental Education Grants	10/01/96- 09/30/99	96030401 \$298,206
Greenhouse Renovation for Transgenic Plant Research	Stushnoff,Cecil Herbers,Joan M	Horticulture & Landscape Arch. NSF-Sci/Tech Ctr/STI Sci/Tech Infra Ctr	09/01/96- 08/01/97	96029001 \$120,000
Grasshopper Dynamics at the Interface of Multiple Agroecosystems	MacRae,Ian V Holtzer,Thomas O	Entomology USDA-CSRS-CGP-Competitive Grants Program	05/01/96- 04/30/99	96002301 \$349,212
Physical Mapping of Bluetongue Vector Competence in Culicoides Variipennis	Knudson,Dennis L	Entomology USDA-CSRS-CGP-Competitive Grants Program	07/01/96- 06/30/99	96006301 \$307,538
Economic Threshold for the Microbial Pathogen, Beauveria bassiana Used Against Coleopt...	Peairs,Frank B Rieske,Lynne K	Entomology USDA-Western Region I.P.M. Program	04/01/96- 03/31/98	96012201 \$28,990
Cost Effective, Environmentally Sound Management of Russian Wheat Aphid	Holtzer,Thomas O	Entomology USDA-ES-CES-Cooperative Extension Srv	07/01/96- 06/30/97	96017201 \$85,518

College: Applied Human Sciences -- Proposals

Domestic Violence: Literature Review, Synthesis, & Implications for Practice	Fetsch,Robert J	Human Development & Family Studies University of Missouri	01/15/96- 12/31/96	96003801 \$55,674
Development of Self-regulation & Social Emotions	Barrett,Karen C	Human Development & Family Studies NSF-SBE-Social, Behav & Econ Sciences	07/31/96- 07/31/00	96006201 \$743,935
Development of Self-regulation & Social Emotions	Barrett,Karen C	Human Development & Family Studies HHS-PHS-Public Health Services	12/01/96- 11/30/00	96009501 \$765,029
Vacuum Processing of Wheat in Space	Stone,Martha B Maga,Joseph A	Food Science & Human Nutrition NASA-Johnson Space Center	09/15/96- 09/14/97	96014101 \$22,000
Technology Application Assessment	Gregory,Susan R Smith,Kenneth D	Food Science & Human Nutrition Tradeware Technologies, Inc.	03/23/96- 04/30/96	96017801 \$4,598
Generalization of Independent Living Tasks from Clinic to Home Following a Traumatic...	Sample,Pat L	Occupational Therapy HHS-CDC-Centers for Disease Control	09/01/96- 08/31/99	96031301 \$383,961
Infusing K-12 Communications Competencies Through Design & Animation: Classroom Teach...	Blaesi,Lavon F Clemons,Stephanie A	Design, Merchand. & Consumer Science CCHE-Commission on Higher Education	03/01/96- 06/30/96	96011201 \$20,270
Sensitivity to Bias	Carroll,Jan B	Design, Merchand. & Consumer Science CCHE-Commission on Higher Education	02/15/96- 06/30/96	96011301 \$20,000
Colorado State Architectural Conservation Initiative & Costilla County Courthouse Dem...	Beardmore,Richard S	Industrial Sciences Colo Dept Higher Educ-Historical Society	09/01/96- 09/01/97	96028401 \$100,000
HABIC Human-Animal Bond Education Workshops	Granger,Ben P Fitchett,Jennifer	Social Work CCHE-Commission on Higher Education	02/08/96- 06/30/96	96012501 \$20,000
School of Education, Educational Leadership	Danzig,Arnold	School of Education CCHE-Commission on Higher Education	02/01/96- 06/30/96	96008601 \$23,760
Planning for Quality Instruction: Linking Induction & Standards	Gould,Lois	School of Education CCHE-Commission on Higher Education	02/01/96- 06/30/96	96008701 \$19,348

College: Liberal Arts -- Proposals

Teaching India, China, & Japan in the Context of World Cultures	Crabtree,Loren W	Dean of Liberal Arts NEH-DRP-Division of Research Programs	01/01/97- 05/30/98	96020001 \$174,000
K-12 Linkage Incentive Grant	Palmquist,Michael E	English CCHE-Commission on Higher Education	03/01/96- 06/30/96	96011401 \$21,868
International Cooperation in Space Exploration & Global Environmental Change	Lester,James P Sadeh,Eligar	Political Science NSF-SBE-Social, Behav & Econ Sciences	06/01/96- 06/01/98	96012801 \$8,000
A Study of the Presentation of Science & Scientists in Children's Science Education Prog...	Long,Marilee	Journalism & Technical Communication NSF-EHR-Education & Human Resources	06/01/96- 12/31/97	96022601 \$49,181
An Assessment of Citizens' Reactions to Irrigating Westminster's Greenways, Golf Course...	Zimmerman,Donald E Muraski,Michel Lynn	Journalism & Technical Communication Metro Wastewater Reclamation District	04/01/96- 08/15/96	96028601 \$11,625
Enhancing Automotive Repair CEO's Awareness of Pollution Prevention Techniques Through...	Zimmerman,Donald E	Journalism & Technical Communication EPA-Environmental Education Grants	10/01/96- 09/30/99	96031401 \$289,536
Is the Nexus Sexist? Understanding the Basis of Women's Economic Immobility	Browne,Katherine E	Anthropology Social Science Research Council	02/01/97- 06/30/97	96011801 \$15,000
Gender & Economic Mobility in the Caribbean	Browne,Katherine E	Anthropology NSF-SBE-Social, Behav & Econ Sciences	01/05/97- 08/05/97	96014401 \$107,723

College: Business -- Proposals

CDOT Leadership Training Institute Program	Kaman, Vicki S	Inst. for Transportation Management Colorado Department of Transportation	02/15/96- 07/31/96	96009801 \$40,074
Development & Empirical Validation of a Generalizable Model for Technology Innovations	Menon, Ajay Sampath, Walajabad S	Marketing NSF - Engineering Grant	09/01/96- 08/31/99	96034101 \$496,651

## College: Engineering -- Proposals

Combined Zero-Valent Iron & Biological Treatment of Chlorinated Solvents	Reardon,Kenneth F	Chemical & Bioresource Engineering NSF - Engineering Grant	07/01/96- 12/31/96	96006001 \$16,612
Acquisition of Flow Visualization & Computational Fluid Dynamics Equipment	Dandy,David Burns,Patrick J	Chemical & Bioresource Engineering NSF-Sci/Tech Ctr/STI Sci/Tech Infra Ctr	10/01/96- 09/30/98	96009901 \$862,941
Polymer Processing Effects on the Structure & Properties of the Marine Polysaccha...	Rakow,Allen L Belfiore,Laurence A	Chemical & Bioresource Engineering NSF - Engineering Grant	09/01/96- 08/31/99	96027501 \$366,949
Biodegradation of Propylene Glycol-based Mil-A-8243D Aircraft Deicer	Reardon,Kenneth F	Chemical & Bioresource Engineering DOD-USAF-Office of Scientific Research	04/22/96- 05/15/97	96027701 \$13,165
Field Study of Fingered Flow Theory for Agrichemical Transport Under Irrigation	Durnford,Deanna S	Chemical & Bioresource Engineering US Department of Agriculture	05/01/96- 04/30/97	96027901 \$246,616
Fluorescence Monitoring of Microbial Activity in Soil & Gas Bioremediation Systems	Reardon,Kenneth F	Chemical & Bioresource Engineering EPA-Environmental Education Grants	08/01/96- 07/31/99	96030001 \$330,081
Combined Biological/Zero-valent Iron Treatment of Benzene/Toluene/Tetrachloroethylen...	Reardon,Kenneth F Shackelford,Charles	Chemical & Bioresource Engineering EPA-Environmental Education Grants	08/01/96- 07/31/99	96030101 \$324,137
Integrated Expert Systems & Neural Networks to Predict Nitrate Leaching & Improve Crop...	Broner,Israel Karim,Muhammad N	Chemical & Bioresource Engineering USDA-CSRS-CGP-Competitive Grants Program	09/01/96- 08/30/99	96030201 \$216,237
Fresh Water Created/Restored Wetland Planning Decision Support System	Garcia,Luis	Chemical & Bioresource Engineering EPA-Environmental Education Grants	10/01/96- 09/30/01	96030301 \$476,841
Landslide & Debris-flow Hazard Assessment: Their Integration in a DSS	Garcia,Luis	Chemical & Bioresource Engineering NSF - Engineering Grant	10/01/96- 09/30/98	96033901 \$267,206
Studies of Ice Formation Processes in Upper Tropospheric Conditions	Demott,Paul J Kreidenweis,Sonia M	Atmospheric Science NSF-GEO-Geosciences	06/01/96- 05/31/99	96012001 \$552,492
Seasonal & Decadal Prediction of U.S. Landfall of Hurricanes	Gray,William M	Atmospheric Science Bermuda Biological Station for Research	06/01/96- 05/31/98	96019901 \$199,848
Inference of Aerosol & Cloud Properties from Passive Remote Sensing Measurements: Instr...	Cox,Stephen K	Atmospheric Science CRDF Civilian Rsrch & Dvlpmt Foundation	10/01/96- 09/30/98	96023201 \$9,500
Land Surface Characterization & Changing Global & Regional Climates	Pielke,Roger A Chase,Thomas N	Atmospheric Science National Aeronautics & Space Admin.	09/01/96- 08/31/97	96024601 \$22,000
Retrieval of Cirrus Cloud Microphysical & Radiative Properties from Multispectral MODIS...	Stephens,Graeme L Drummond,Charles J	Atmospheric Science National Aeronautics & Space Admin.	09/01/96- 08/31/97	96024701 \$22,000
Studies of Homogeneous Freezing Nucleation at Upper Tropospheric Conditions	Kreidenweis,Sonia M Chen,Yalei	Atmospheric Science National Aeronautics & Space Admin.	09/01/96- 08/31/97	96024801 \$22,000
Development of Coupled Aqueous Chemistry/Microphysics Model	Kreidenweis,Sonia M Feingold,Graham	Atmospheric Science MCNC University of North Carolina	10/01/96- 09/30/99	96027801 \$210,434
Modeling Arctic Coastal Atmospheric, Hydrospheric, & Cryospheric Interactions Using...	Pielke,Roger A Cotton,William R	Atmospheric Science National Science Foundation	08/01/96- 07/31/99	96033601 \$517,252
Technology Maturation	Labadie,John W Fontane,Darrell G	Civil Engineering DOI-Bureau of Reclamation	07/01/96- 06/30/97	96014301 \$74,889
Coupled Solute Migration Through Clay Barrier Materials	Shackelford,Charles	Civil Engineering NSF - Engineering Grant	09/01/96- 08/31/99	96027301 \$301,927

## College: Engineering -- Proposals

Instrumented Chase Vehicle for Ground Truth Hydrometeor Verification	Bringi,Viswanathan N	Electrical Engineering NSF-GEO-Geosciences	06/01/96- 06/01/99	96013901 \$328,507
Validation of Polarimetric Radar Signatures Using the 2D-Video Disdrometer	Bringi,Viswanathan N Hubbert,John	Electrical Engineering DOD-USAF-Air Force	04/01/96- 11/30/96	96014001 \$10,000
Soft X-ray Optics for Applications of Compact Discharge Pumped Soft X-ray Lasers	Rocca,Jorge J G	Electrical Engineering CRDF-Civilian Rsrch & Dvlpmt Foundation	10/01/96- 09/30/98	96025101 \$10,000
Investigation of Schottley Contacts on Wurtzite-polytype III - V Nitrides Grown on Sap...	Menoni,Carmen S	Electrical Engineering CRDF-Civilian Rsrch & Dvlpmt Foundation	10/01/96- 09/30/97	96025201 \$10,000
Wide Area Plasma Generated Electron Beam Source	Collins,George J	Electrical Engineering NSF - Engineering Grant	10/15/96- 10/14/99	96028301 \$430,867
Graduate Student Fellowship in High Throughput Dry Plating	Sampath,Walajabad S	Mechanical Engineering National Science Foundation	09/01/96- 08/31/97	96003901 \$30,250
Volume Decomposition of a Delta Volume & Generation of the Optimal Machining Sequence	Sakurai,Hiroshi	Mechanical Engineering Structural Dynamics Research Corp.	05/01/96- 04/30/98	96004001 \$152,408
Automated Regular Hexahedral Mesh Generation	Sakurai,Hiroshi	Mechanical Engineering Nissan Motor Company	05/01/96- 04/30/97	96004101 \$78,588
MEP Training Project	Troxell,Wade O	Mechanical Engineering Computer Technology Associates, Inc.	03/01/96- 08/30/96	96010001 \$33,500
Computer Assisted Drafting & Design Linkage	Fitzhorn,Patrick A Scheuerman,David J	Mechanical Engineering CCHE-Commission on Higher Education	03/01/96- 06/30/96	96010101 \$22,500
A Comprehensive Numerical Tool for the Evaluation of Ion Thruster Designs	Wilbur,Paul J Lotspeich,Jason	Mechanical Engineering NASA-Lewis Research Center	05/13/96- 05/13/97	96014201 \$22,000
Using Densitometry to Predict the Biomechanical Properties of Femoral Allografts	James,Susan P Turner,Anthony Simon	Mechanical Engineering AlloSource	05/15/96- 05/15/97	96017101 \$24,998
Fabrication of a Fully Automated System for Tape Guide Finger Preload	Peterson,Michael	Mechanical Engineering Storage Technology Corporation	02/01/96- 01/30/97	96018301 \$35,363
Development of a Design Approach for Optimized Shielding of Space Radiation	Radford,Donald W Sadeh,Willy Z	Mechanical Engineering National Aeronautics & Space Admin.	01/07/96- 06/30/97	96020801 \$22,000
Experimental Investigation of Natural Gas Jet Entrainment in Air	Willson,Bryan D Olsen,Dan	Mechanical Engineering NASA-Lewis Research Center	07/01/96- 01/01/99	96020901 \$22,000
Virtual Elements for Dynamic Analysis	Smith,Frederick W	Mechanical Engineering Univ. California-Los Alamos National Lab	05/01/96- 04/30/97	96027601 \$98,493
Modeling & Analytical Studies of a Unique Air-to-Vacuum-to-Air (AVA) System for High...	Sampath,Walajabad S Barth,Kurt	Mechanical Engineering NSF - Engineering Grant	09/01/96- 08/31/99	96033401 \$229,424
Recognition of the Optimal Set of Machining Features	Sakurai,Hiroshi	Mechanical Engineering NSF - Engineering Grant	09/01/96- 08/31/99	96033801 \$250,976
Retrieval of Mesoscale Atmospheric Boundary Layer Properties for Prediction of Vis...	Cotton,William R	CIRA DOD-ARMY-ARO-Army Research Office	06/01/96- 05/31/99	96011901 \$171,690

## College: Natural Resources -- Proposals

Response of Landscape Structure to Surface Fire Regimes in the Sierra Nevada, California	Binkley,Daniel E Miller,Carol L	Dean of Natural Resources National Aeronautics & Space Admin.	09/01/96- 08/31/97	96030901 \$22,000
Integrated Training Area Management Program Support, Fort Stewart, Georgia	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	03/01/96- 02/28/97	96003701 \$65,924
Integrated Training Area Management & Cultural Resources Support for an Army Environ...	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	01/29/99- 01/28/97	96012901 \$60,972
Evaluation of Stress Distribution in ASTM D143 Test Procedures	Pellicane,Patrick J	Forest Sciences USDA-CSRS-CGP-Competitive Grants Program	10/01/96- 09/30/98	96014501 \$93,893
A Comparison of Non-linear Transformation Methods Applied to Landsat TM & AVIRIS Data	Hoffer,Roger M Maxwell,Susan K	Forest Sciences National Aeronautics & Space Admin.	09/01/96- 08/31/97	96029301 \$66,000
Plant Life Form Influence on Vertical Soil Organic Matter Dynamics	Burke,Ingrid C Gill,Richard A	Forest Sciences National Aeronautics & Space Admin.	09/01/96- 12/30/98	96029601 \$66,000
Nitrogen Retention in Semi-arid Grasslands	Burke,Ingrid C Barrett,John E	Forest Sciences National Aeronautics & Space Admin.	07/01/96- 12/15/98	96029701 \$66,000
Ecosystem Response to Long-term Drought Stress in the Shortgrass Steppe	Burke,Ingrid C Murphy,Kenneth Lee	Forest Sciences National Aeronautics & Space Admin.	09/01/96- 12/30/98	96029801 \$66,000
Ecotoxicity of Microencapsulated Malathion	McEwen,Lowell C Petersen,Brett E	Fishery & Wildlife Biology HHS-NIH-Environmental Health Services	12/31/96- 12/30/98	96010501 \$235,465
Grazing Impacts on Streambank Stability & Riparian Management	Trlica,Milton J Jr Smith,J L	Rangeland Ecosystem Science USDA-CSRS-CGP-Competitive Grants Program	09/01/96- 08/31/99	96016801 \$315,628
Land Rehabilitation & Geospatial Analysis Research on Military Installations	McLendon,Terry	Rangeland Ecosystem Science DOD-ARMY-CERL-Const. Engineer. Res. Lab.	08/01/96- 07/31/99	96017901 \$3,420,849
Filtration of Sediments, Nitrogen & Phosphorus by Riparian Buffer Strips	Trlica,Milton J Jr Leininger,Wayne C	Rangeland Ecosystem Science USDA-CSRS-CGP-Competitive Grants Program	09/01/96- 08/31/99	96023001 \$297,166
Laramide Structural Development of the Southern Rocky Mountains	Erslev,Eric A	Earth Resources American Chemical Society	07/01/96- 08/31/98	96003601 \$49,910
Development of Teacher Education Geography Curriculum	Laituri,Melinda Dean,Denis J	Earth Resources CCHE-Commission on Higher Education	02/15/96- 06/30/96	96011601 \$22,810
Mass Balance Changes on Teton Glacier Using Historical & Contemporary Data	Elder,Kevin J	Earth Resources University of Wyoming	05/01/96- 04/30/97	96015401 \$4,444
Hydrologic Effects of the Grand Ditch on Rocky Mountain National Park	MacDonald,Lee H Cooper,David J	Earth Resources DOI-NPS-National Park Service	03/15/96- 05/31/98	96021201 \$40,000
Re-Os Isotope Investigations of Meteorites	Hannah,Judith L Morgan,John	Earth Resources University of Maryland	08/01/96- 07/31/98	96022301 \$75,000
Effects of Irrigation With Urban Exchange Waters on Soil & Water Quality	Stednick,John D Barbarick,Kenneth A	Earth Resources USDA-CSRS-CGP-Competitive Grants Program	09/01/96- 08/31/99	96022901 \$249,761
Comparative Analysis of the EPA's Environmental Justice Program: Focus on Information...	Laituri,Melinda Grigg,Neil S	Earth Resources EPA-Environmental Education Grants	07/01/96- 06/30/98	96028101 \$236,395
Morphology & Dynamics of Desert Washes	Anthony,Deborah J	Earth Resources DOD-ARMY-ARO-Army Research Office	08/15/97- 08/31/98	96032301 \$62,993

## College: Natural Resources -- Proposals

Statistical Methodology for Assessing Temporal Trends & Spatial Distributions for Bio...	Burnham,Kenneth P	Cooperative Fish & Wildlife Research Pennsylvania State University	09/01/96- 08/31/01	96021301 \$38,425
Chemical Characteristics & Metal Complexing Properties of Non-Humic DOC in Rocky Mountain...	Baron,Jill S Parton,William J	Natural Resource Ecology Lab University of Maryland	06/01/96- 05/31/99	96002901 \$67,678
Development of User-friendly Graphical Interfaces for Ecological Simulation Models...	Coffin,Debra P	Natural Resource Ecology Lab NSF-Biological Centers	06/01/96- 05/31/99	96003001 \$457,205
An Object Oriented Toolkit for Building Structurally Adaptive Models	Kirchner,Thomas B Parton,William J	Natural Resource Ecology Lab NSF-Biological Centers	07/01/96- 06/30/99	96003101 \$561,599
Forecasting Impacts of Land Use Change on Elk Habitat in the Mountains: Tools for Plan...	Hobbs,N Thompson Gross,John E	Natural Resource Ecology Lab Rocky Mountain Elk Foundation	02/01/96- 01/31/97	96009101 \$38,930
Long Term Ecological Research Program: Shortgrass Steppe	Burke,Ingrid C Lauenroth,William K	Natural Resource Ecology Lab NSF-Biological Centers	10/01/96- 09/30/02	96009201 \$3,360,000
Global Climate Change: Emissions, Control & Economic Analysis	Parton,William J Ojima,Dennis	Natural Resource Ecology Lab RCG/Hagler, Bailly Consulting, Inc.	05/01/96- 04/30/01	96013301 \$1,836,834
Workshop on Soil Biodiversity & Ecosystem Function	Freckman,Diana	Natural Resource Ecology Lab MacArthur Foundation	03/01/96- 02/28/97	96014701 \$29,600
Evaluation Study	Freckman,Diana	Natural Resource Ecology Lab USDA-CSRS-SRG-Special Research Grants	04/01/96- 12/31/96	96022501 \$70,181
Coupling Multi-scale Measurements, Existing Data, & Spatial Ecosystem Modeling to Asseess...	Gross,John E Milchunas,Daniel G	Natural Resource Ecology Lab EPA-Environmental Education Grants	01/01/97- 12/31/99	96024901 \$1,043,582
A Regional Assessment of Land Use Effect on Ecosystem Structure & Function in the Central...	Burke,Ingrid C Lauenroth,William K	Natural Resource Ecology Lab EPA-Environmental Education Grants	09/01/96- 08/31/99	96025001 \$1,740,987
Developing a Multi-agency, Multi-scale Vegetation Sampling Program for the Central Gras...	Stohlgren,Thomas J Coughenour,Michael B	Natural Resource Ecology Lab USDI-National Biological Survey	05/01/96- 04/30/98	96028501 \$180,908

## College: Natural Sciences -- Proposals

K-12 Linkages in Mathematics	Stein,Fredrick M	Center for Science, Math & Tech Edu CCHE-Commission on Higher Education	02/08/96- 06/30/96	96011701 \$24,860
Mimicking the Growth Promoting Effects of Laminin as a Tool to Achieve Axon Regeneration...	Bamburg,James R Kuhn,Thomas	Biochemistry & Molecular Biology Spinal Cord Research Foundation	07/01/96- 06/30/98	96006101 \$88,000
Mechanism of Transcriptional Activation by VP16 & c-Fos	Lumb,Kevin J	Biochemistry & Molecular Biology Cancer League of Colorado, Inc.	07/01/96- 06/30/97	96020101 \$20,000
NIH-Shared Instrumentation Grant (SIG)	Lumb,Kevin J	Biochemistry & Molecular Biology HHS-NIH-National Institute of Health	04/01/97- 03/31/98	96027401 \$306,550
XL-I Analytical Ultracentrifuge	Lumb,Kevin J	Biochemistry & Molecular Biology HHS-NIH-National Institute of Health	04/01/97- 03/31/98	96028201 \$308,202
Fundamental Physical/Chemical Behaviors of Toxic Metals in Soil Systems	Maciel,Gary E	Chemistry NSF-MPS-Mathematical & Physical Sciences	07/15/96- 07/14/99	96005901 \$536,459
Mechanistic Studies of Nucleic Acid Damage	Greenberg,Marc M	Chemistry HHS-PHS-Public Health Services	01/01/97- 12/31/01	96008801 \$936,872
Separation & Recovery of Ions from Aqueous Media with Reusable Redox-Active Metal-Co...	Strauss,Steven H	Chemistry DOE-OERWM-Environ. Restor. & Waste Mana.	10/01/96- 09/30/99	96009001 \$303,103
Novel Fischer Carbene Methodology for Natural Products Synthesis	Hegedus,Louis S Piniero-Nunez,Marta	Chemistry American Cancer Society, Inc.	09/01/96- 08/31/99	96019501 \$6,000
Total Synthesis of Disorazole C1	Meyers,Albert I Reeder,Michael R	Chemistry American Cancer Society, Inc.	09/01/96- 08/31/99	96019601 \$6,000
Total Synthesis of TAN 1496 A	Meyers,Albert I Poon,Daniel J	Chemistry American Cancer Society, Inc.	09/01/96- 08/31/98	96019701 \$4,000
Total Synthesis of Phorboxazoles A & B	Meyers,Albert I Hughes,Robert C	Chemistry American Cancer Society, Inc.	09/01/96- 08/31/99	96020201 \$50,000
Total Synthesis of the Potent Anticancer Agent Amphidinolide K	Hegedus,Louis S Reeder,Michael R	Chemistry American Cancer Society, Inc.	09/01/96- 08/31/99	96020301 \$2,000
Chiral & Sterically Strained ansa-Metal-locenes of Titanium & Scandium Sub-group Elements:	Norton,Jack R	Chemistry CRDF-Civilian Rsrch & Dvlpmt Foundation	10/01/96- 09/30/98	96028801 \$13,560
Synthesis & Thermal Analysis of New Lanthanide Chalcopnictides - A Joint US-FSU Project	Dorhout,Peter K	Chemistry CRDF Civilian Rsrch & Dvlpmt Foundation	10/01/96- 09/30/98	96031001 \$10,000
Effects of Modified Nucleotides on Nucleic Acids	Greenberg,Marc M	Chemistry American Cancer Society, Inc.	01/01/97- 12/31/99	96032001 \$294,258
Colorado Parallel Search Laboratory	Whitley,L Darrell	Computer Science NSF-Sci/Tech Ctr/STI Sci/Tech Infra Ctr	09/01/96- 08/31/99	96012601 \$599,629
Achieving Ultra-Reliability in Critical Systems	Malaiya,Yashwant K	Computer Science DOD-NAVY-ONR-Office of Naval Research	04/01/96- 03/31/98	96015301 \$272,879
Evaluation of Irregular Parallel Applications on Multithreaded Architectures	Bohm,Anton Pedro W Najjar,Walid A	Computer Science NSF-CISE-Computer & Info Sci & Engin	04/15/96- 10/31/96	96034001 \$93,096
Linear & Nonlinear Modeling, Computation & Visualization	Allgower,Eugene L Chin,Wai	Mathematics NSF-MPS-Mathematical & Physical Sciences	06/01/96- 05/31/01	96007601 \$1,249,867

## College: Natural Sciences -- Proposals

High School Math Striders	Clow,Duane J	Mathematics CCHE-Commission on Higher Education	09/01/96- 06/30/97	96029401 \$50,000
Colorado State University Mathematics Consortium	Gaines,Robert E	Mathematics CCHE-Commission on Higher Education	04/01/96- 06/30/97	96029501 \$41,753
Transformation of Noisy Microwave Pumping into Coherent Microwave Signals in Magnetic...	Patton,Carl E	Physics Civilian Rsrch & Dvlpmt Foundation	10/01/96- 09/30/98	96022801 \$12,000
Renovation of Physics & Electrical Engineering Research Laboratories	Sites,James R Wilmsen,Carl W	Physics NSF-Sci/Tech Ctr/STI Sci/Tech Infra Ctr	07/01/96- 06/30/01	96028901 \$2,000,000
Drug Use Among Asian Dropouts & At-Risk Youth	Beauvais,Frederick	Psychology Southwest Regional Laboratories	12/01/96- 11/30/00	96012101 \$151,847
Advancing Scientific & Technological Education in American Indian Communities	James,Keith	Psychology NSF-EHR-Education & Human Resources	06/01/96- 06/30/97	96012701 \$164,634
Preventing Intimate Violence in Rural Minority Communities	Edwards,Ruth W	Psychology HHS-CDC-Prevention Services	09/01/96- 08/31/99	96030501 \$692,431
Reducing Risk & Injury by Treatment of Driving Anger	Deffenbacher,Jerry L	Psychology HHS-CDC-Prevention Services	09/01/96- 08/31/98	96031101 \$334,880
Preventing Intimate Violence in Rural Native Communities	Thurman,Pamela J	Psychology HHS-NIH-National Institute of Health	09/01/96- 08/31/99	96032701 \$783,340
National Research Center of Statistics & the Environment	Tweedie,Richard L	Statistics EPA-Environmental Education Grants	07/01/96- 06/30/01	96032901 \$5,000,000
Interactions of Muscle Atrophy, Epidermal Development, & Limb Regeneration in Land Crab	Mykles,Donald L	Biology NSF-Biological Centers	07/01/96- 06/30/99	96002101 \$294,248
Developmental Regulation of Fiber-Type Switching in Lobsters	Mykles,Donald L	Biology NSF-Biological Centers	07/01/96- 06/30/99	96003201 \$315,752
Animal Culture - Vocal Signal Function	Baker,Myron C	Biology NSF-Biological Centers	08/01/96- 07/31/99	96003301 \$126,657
Lipid Utilization in Mammals	Florant,Gregory L	Biology NSF-Biological Centers	09/01/96- 09/01/99	96003401 \$330,513
Purification & Cloning of a Calcium-dependent Proteinase from Arabidopsis	Reddy,A	Biology NSF-Biological Centers	07/01/96- 06/30/99	96003501 \$299,379
Cyclins & Interacting Proteins from Arabidopsis	Reddy,A	Biology USDA-CSRS-CGP-Competitive Grants Program	07/01/96- 06/30/99	96006501 \$247,143
Evolution of Learning-related Neuromodulation	Wright,William G	Biology NSF-Biological Centers	09/01/96- 08/31/99	96006601 \$317,257
Impacts of Trails on Bird Assemblages in Lowland Riparian Areas	Wiens,John A Miller,James Robert	Biology Colorado State Parks/CO Natural Areas Pg	05/01/96- 09/01/96	96010801 \$2,123
Fractionation & Biochemical Characterization of Cockroach Toxin	Wilson,Thomas G	Biology Lockheed Corporation	03/01/96- 02/28/98	96028001 \$77,378
Using Reverse Genetics to Determine the Function of Meiotic Recombination Proteins...	Stack,Stephen Anderson,Lorinda	Biology Fred C. Gloeckner Foundation	09/01/96- 08/31/97	96033701 \$7,946

College: Veterinary Medicine & Biomedical Sciences -- Proposals

Colorado State University VETPREP	Tucker,Alan	Dean of Veterinary Medicine HHS-PHS-Public Health Services	09/01/96- 08/31/99	96014601 \$365,797
Collapse-induced Axonal Branching: Potential Role in Regeneration	Beam,Kurt G Williams,Cheri V	Anatomy & Neurobiology Spinal Cord Research Foundation	09/01/96- 08/30/98	96002201 \$82,068
Dissecting Calcium's Role in Axonal & Dendritic Branching	Williams,Cheri V	Anatomy & Neurobiology HHS-PHS-Public Health Services	01/01/97- 12/31/01	96012301 \$498,487
Medically Intractable Epilepsy in Dogs & Cats	Buckmaster,Paul S Smith,Mary O	Anatomy & Neurobiology Morris Animal Foundation	09/01/96- 08/30/97	96032401 \$15,459
Suppression of Programmed Cell Death in Bovine Leukemia Virus-Infected Cattle	Cockerell,Gary L	Pathology USDA-CSRS-CGP-Competitive Grants Program	09/01/96- 08/31/99	96007701 \$330,762
Genetic Analysis of Ovine Pestiviruses	Akkina,Ramesh K	Pathology USDA-CSRS-CGP-Competitive Grants Program	07/01/96- 06/30/98	96007801 \$124,133
Arthropod Vector-based Vaccines Which Utilize Novel Salivary Gland Proteins to Contro...	Titus,Richard	Pathology Burroughs-Wellcome Fund Foundation	07/01/96- 06/30/01	96007901 \$400,000
Pneumotoxic Potential of Rumen-Generated Hydrogen Sulfide in Cattle	Gould,Daniel H	Pathology USDA-CSRS-CGP-Competitive Grants Program	09/01/96- 08/31/98	96008901 \$177,224
FIV Model of in Utero HIV Infection & Intervention	Hoover,Edward A Rogers,Arlin B	Pathology HHS-PHS-AID-Microbio & Infectious Dis Re	12/01/96- 12/31/00	96010601 \$303,631
Type 1 vs Type 2 Cytokine Response During FIV Infection	Hoover,Edward A Avery,Paul R	Pathology HHS-PHS-AID-Microbio & Infectious Dis Re	12/01/96- 12/31/00	96010701 \$303,379
Upregulation of Erythropoiesis in Murine Malaria	Swardson,Christine J	Pathology National Found. for Infectious Diseases	05/01/96- 04/30/97	96017401 \$1,992
Development of a Single Competitor Molecule to Assay Multiple Cytokines in Cats	Hoover,Edward A Avery,Paul R	Pathology American Assoc. of Feline Practitioners	04/01/96- 03/31/97	96017501 \$5,000
Role of IGF-II in Adult Motor Neuron Survival	Pu,Sufen Ishii,Douglas N	Physiology Spinal Cord Research Foundation	07/01/96- 06/30/97	96002401 \$44,480
Molecular Basis of Abnormalities in Bovine Pregnancies from Cloned Embryos	Seidel,George E Jr	Physiology USDA-CSRS-CGP-Competitive Grants Program	09/01/96- 02/28/99	96002501 \$254,999
Developmental Capacity of Oocytes From Preantral Follicles Cultured in Vitro	Sawyer,Heywood R Seidel,George E Jr	Physiology USDA-CSRS-CGP-Competitive Grants Program	09/01/96- 08/31/98	96002601 \$171,955
Influence of Human Sera on Ovine Embryo Development in Vitro & Lamb Birth Weight	Anthony,Russell V Fanning,Michael D	Physiology Lalor Foundation	09/01/96- 08/31/97	96006901 \$19,958
Reproductive Sequelae to Perinatal Chemical Exposures	Veeramachaneni,D N R	Physiology HHS-NIH-Environmental Health Services	07/01/96- 06/30/99	96007101 \$436,045
Role of IFG's in Spinal Motoneuron Survival	Pu,Sufen	Physiology HHS-PHS-Public Health Services	12/01/96- 11/30/01	96013001 \$504,755
Cryopreservation of Dilute Bovine Semen	Seidel,George E Jr Graham,James K	Physiology National Association of Animal Breeders	07/01/96- 06/30/97	96013101 \$14,964
Regulation of Ovine GnRH Receptor Gene Expression	Clay,Colin	Physiology USDA-CSRS-CGP-Competitive Grants Program	09/01/96- 08/31/99	96013201 \$207,517

College: Veterinary Medicine & Biomedical Sciences -- Proposals

Food & Agricultural Sciences National Needs Graduate Fellowships	Niswender,Gordon D	Physiology USDA-ES-CES-Cooperative Extension Srv	09/01/96- 08/31/01	96013401 \$216,000
Transcriptional Regulation of Placental Hormones	Anthony,Russell V Bowen,Richard A	Physiology USDA-CSRS-CGP-Competitive Grants Program	10/01/96- 09/30/98	96013501 \$164,111
Molecular Regulation of Ovine StAR	Niswender,Gordon D	Physiology USDA-CSRS-CGP-Competitive Grants Program	09/01/96- 08/31/99	96013601 \$225,492
Role of IGF-II in Nervous System Development	Ishii,Douglas N	Physiology HHS-PHS-Biol Basis Research in Neurosci	12/01/96- 11/30/01	96022401 \$1,569,665
Quantitative Evaluation of a Perfluoro-carbon Gas Emulsion as an Abdominal Ultrasound...	Wrigley,Robert H Bahr,Anne Marie	Radiological Health Sciences American College of Veterinary Radiology	07/01/96- 01/01/97	96005601 \$5,120
Subchondral Bone Density in the Humeroulnar Joint of Dogs Utilizing Computed Tomographic...	Park,Richard D Reichle,Jean K	Radiological Health Sciences American College of Veterinary Radiology	07/01/96- 06/30/97	96005801 \$5,637
Estimation of Neutron Dose Equivalent Received by Former Workers of the DOE Rocky Fla...	Borak,Thomas B	Radiological Health Sciences US Department of Energy	09/01/96- 08/31/97	96019201 \$49,993
Relating Cancer Genetics to Cytogenetic Changes	Larue,Susan M	Radiological Health Sciences Milheim Foundation for Cancer Research	07/01/96- 06/30/97	96031601 \$24,204
Molecular Cytogenetics of Canine Cancer	Larue,Susan M	Radiological Health Sciences Morris Animal Foundation	09/01/96- 08/31/98	96032201 \$59,837
Molecular Genetic Tools for Epidemiologic Studies of Mycobacterium bovis in Cattle	Salman,Mowafak D Black,William C IV	Environmental Health USDA-CSRS-CGP-Competitive Grants Program	10/01/96- 09/30/99	96006401 \$240,198
Arsenic-containing Mixtures in Angiosarcoma Induction	Pott,Wendy A	Environmental Health HHS-NIH-NCI-National Cancer Institute	12/01/96- 11/30/01	96010901 \$264,661
Aflatoxin Metabolism & Toxicity in Chickens	Ramsdell,Howard S	Environmental Health USDA-CSRS-CGP-Competitive Grants Program	10/01/96- 09/30/98	96011001 \$189,430
Colorado Environmental Health Science Education Project	McCalden,Thomas A	Environmental Health CCHE-Commission on Higher Education	03/01/96- 06/30/96	96011101 \$19,216
Role for Estrogen Metabolism in Female Breast Cancer Via Human P450 Gene Activation	Cosma,Greg N	Environmental Health Cancer League of Colorado, Inc.	07/01/96- 06/30/97	96019101 \$18,810
Melatonin as a Biomarker of Oxidative Stress in Humans	Reif,John S	Environmental Health Cancer League of Colorado, Inc.	07/01/96- 06/30/97	96020401 \$19,933
Physiologically Based Pharmacokinetic/ Pharmacodynamic Modeling Organophosphorus Pesti...	Yang,Raymond S H	Environmental Health EPA-Pesticides Control Research	10/01/96- 09/30/99	96020501 \$585,864
Evaluation of Biomarkers & Chlorine Demand Measurement for Exposure Assessment of Tri...	Nuckols,John R	Environmental Health EPA-Safe Drinking Water Research & Demo	10/01/96- 09/30/99	96020601 \$627,018
Exposure Assessment & Biomarkers	Reif,John S	Environmental Health EPA-Safe Drinking Water Research & Demo	10/01/96- 09/30/99	96020701 \$482,550
Bioindicators of Pesticide Exposure in Children Who Reside in Agricultural Production...	Nuckols,John R	Environmental Health EPA-Environmental Educ & Training Prog	10/01/96- 09/30/99	96022101 \$565,718
Analysis of Ecosystem Stressors Across Scales Using Remotely Sensed Imagery: Reducing...	Weigel,Stephanie J	Environmental Health EPA-Environmental Education Grants	10/01/96- 09/30/99	96031201 \$251,237

College: Veterinary Medicine & Biomedical Sciences -- Proposals

Genetic Analysis of Fusobacterium Necrophorum Virulence Factors	Gentry-Weeks,Claudia	Microbiology USDA-CSRS-CGP-Competitive Grants Program	09/01/96- 09/01/99	96007201 \$292,959
Vector Reservoir for Bluetongue Virus Transeasonality	Beaty,Barry J Blair,Carol D	Microbiology USDA-CSRS-CGP-Competitive Grants Program	09/01/96- 08/31/99	96007301 \$378,973
Characterization of the Pseudomonas aeruginosa asd Region	Schweizer,Herbert P	Microbiology NSF-Biological Centers	07/01/96- 06/30/99	96007501 \$230,846
Animation of Complex Biological Processes	Suchman,Erica L Smith,Ralph E	Microbiology Res./Dev. Ctr. for Adv. of Student Learn	03/01/96- 06/30/96	96016701 \$1,175
Resource for Tuberculosis Vaccine Testing	Orme,Ian M	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	02/01/97- 01/31/00	96019401 \$906,348
Aging & Immunity to Tuberculosis	Orme,Ian M	Microbiology HHS-PHS-Aging Research	01/01/97- 12/31/01	96019801 \$1,218,772
Arthropod Transmission of Vesicular Stomatitis Virus	Beaty,Barry J	Microbiology USDA-CSRS-SRG-Special Research Grants	04/01/96- 03/31/97	96021001 \$59,078
Gonioscopic & Ultrasound Biomicroscopic Comparison of the Canine Iridocorneal Angle	Gibson,Terri Roberts,Steven M	Clinical Sciences American Coll of Veterinary Ophthalmol.	03/01/96- 03/01/97	96010201 \$1,970
Feline Retinal Degeneration Induced By a Standard Universal Laboratory Animal Diet	Roberts,Steven M Burgesser,Kent M	Clinical Sciences American Coll of Veterinary Ophthalmol.	04/01/96- 04/01/97	96010301 \$1,984
Clinical Efficacy of CNM DCO-Formula as an Adjunct to Therapy in the Management of Diab...	Greco,Deborah S	Clinical Sciences Ralston-Purina Company	03/01/96- 09/01/96	96010401 \$9,918
In Vivo & in Vitro Response of Subchondral Bone to Exercise in the Horse & Its Possib...	McIlwraith,C Wayne Kawcak,Christopher E	Clinical Sciences Grayson-Jockey Club Research Foundation	07/01/96- 08/31/98	96021101 \$76,310
Effects of N-3 Fatty Acid Supplementation on a Model of Glomerulonephritis in Dogs	Grauer,Gregory F	Clinical Sciences Iams Company	09/01/96- 09/01/98	96028701 \$64,738
Augmentation of Trabecular Bone by Low Magnitude Strain	Turner,Anthony Simon	Clinical Sciences State University of New York	12/01/96- 11/30/97	96031501 \$583,034
Characterization of a Rodent Model of Canine Osteosarcoma for Rapid in Vivo Chemother...	Dernell,William S	Clinical Sciences Morris Animal Foundation	09/01/96- 09/01/98	96032101 \$32,170
Prevalence & Epidemiology of Canine Fucosidosis in the United States	Smith,Mary O Thrall,Mary Anna	Clinical Sciences Morris Animal Foundation	09/01/96- 09/01/98	96032501 \$24,539
Determination of Energy & Fluid Requirements of Critically Ill Dogs with Indirect Calo...	Ogilvie,Gregory K	Clinical Sciences Morris Animal Foundation	09/01/96- 08/31/99	96032601 \$59,800
Black-footed Ferret Wastage Reduction: Modeling Increased Production of the Captive En...	Wimsatt,Jeffrey H	Clinical Sciences Morris Animal Foundation	11/01/97- 12/31/98	96033001 \$15,064
Effects of Exercise on Subchondral Bone of Horses, & Correlations to Diagnostic Techniques	McIlwraith,C Wayne Kawcak,Christopher E	Clinical Sciences Morris Animal Foundation	09/01/96- 08/31/97	96033101 \$35,350
Physical Therapy Following Knee Surgery - A Prospective Clinical Study	Schwarz,Peter D	Clinical Sciences Morris Animal Foundation	06/01/96- 06/01/98	96033501 \$22,518

College: Other -- Proposals

Access Colorado Library & Information Network Z39.50	Bush,Carmel C	Library Colorado State Library (LSCA)	05/01/96- 08/31/96	96017301 \$19,500
Introduction to Agricultural Research & Its Career Opportunities	Laughlin,Charles W	Agricultural Experiment Station USDA-ES-CES-Cooperative Extension Srv	06/01/96- 09/01/96	96006701 \$7,500

## Section III

Awards Received for Current Quarter

## College: Agricultural Sciences -- Awards

NIS Faculty Exchange Program	Spencer,William P	International Agricultural Program USDA-Foreign Agricultural Service	07/16/95- 07/31/96	2122 \$3,000
Potato Breeding Program	Holm,David G	San Luis Valley Research Center University of California at Davis	01/01/93- 12/31/96	5063 \$8,000
Agronomic Research in Western Colorado	Pearson,Calvin H	Western Slope - Fruita Various "Non-Profit" Sponsors	07/01/91- 06/30/97	6667 \$5,000
Agronomic Research in Western Colorado	Pearson,Calvin H	Western Slope - Fruita Various "Non-Profit" Sponsors	07/01/91- 06/30/97	6667 \$1,000
Viticulture & Enology Research for the Colorado Wine Industry	Hamman,Richard Allan	Orchard Mesa Research Center Colorado Department of Agriculture	07/01/95- 06/30/96	0816 \$22,019
Phytosanitary Certificate Surveys (CAPS 1996)	Zimmerman,Rick J Bjostad,Louis B	Rogers Mesa Research Center USDA-APHIS-Ag & Plant Health Insp Srvc	10/01/95- 09/30/96	2061 \$2,899
Southwest Colorado Research Center Outreach	Berrada,Abdelfettah	South Western Colorado Ag. Res. Ctr. Various "Non-Profit" Sponsors	01/18/96- 01/18/98	5060 \$750
Southwest Colorado Research Center Outreach	Berrada,Abdelfettah	South Western Colorado Ag. Res. Ctr. Various "Non-Profit" Sponsors	01/18/96- 01/18/98	5060 \$2,000
Southwest Colorado Research Center Outreach	Berrada,Abdelfettah	South Western Colorado Ag. Res. Ctr. Various "Non-Profit" Sponsors	01/18/96- 01/18/98	5060 \$540
Southwest Colorado Research Center Outreach	Berrada,Abdelfettah	South Western Colorado Ag. Res. Ctr. Various "Non-Profit" Sponsors	01/18/96- 01/18/98	5060 \$400
Evaluation of the Acid-buffering Capacity & Metal Mobility of Southwest San Luis Valley...	Cardon,Grant E Kelly,Eugene F	Soil & Crop Sciences Colorado Dept Public Health & Environ	01/10/96- 12/31/97	0890 \$84,878
Testing Crested Wheatgrass Complex From C. & E. Asia for Multiple Uses	Cuany,Robin L Johnson,Duane L	Soil & Crop Sciences USDA-ARS-Agricultural Research Service	03/19/96- 03/30/98	2071 \$4,000
Validating Alternative Manure Management Systems	Waskom,Reagan M Dalsted,Norman L	Soil & Crop Sciences American Farm Bureau Research Foundation	02/01/95- 02/02/97	5410 \$8,000
Soil Fertility Studies	Westfall,Dwayne G	Soil & Crop Sciences Various "For Profit" Sponsors	04/01/91- 06/30/98	6642 \$7,050
Central Plains Resources Management Research	Sommers,Lee E	Soil & Crop Sciences USDA-ARS-Agricultural Research Service	10/01/95- 09/30/96	8009 \$24,204
TQM Practices on the Dairy Farm	Wailles,William R	Animal Sciences Pennsylvania State University	07/01/95- 06/30/96	2205 \$4,500
Effect of 4-plex & Protein Level on Incoming Cattle Performance & Immune Function	Stanton,Tim L Nockels,Cheryl F	Animal Sciences Zinpro Corporation	12/01/95- 11/30/96	6161 \$23,165
Service of Jerry Eckert - University of Stellenbosch	Gray,Sanford L	Agricultural & Resource Economics University of Stellenbosch	02/01/93- 01/31/96	5681 \$8,190
Flower Trial Garden	Klett,James E	Horticulture & Landscape Arch Various "Non-Profit" Sponsors	02/01/93- 12/31/96	6636 \$1,000
Flower Trial Garden	Klett,James E	Horticulture & Landscape Arch Various "Non-Profit" Sponsors	02/01/93- 12/31/96	6636 \$4,970

## College: Agricultural Sciences -- Awards

Post Plant Growth of Trees	Klett,James E Tolan,Roberta J	Horticulture and Landscape Arch Various "For Profit" Sponsors	01/01/94- 01/01/99	6877 \$1,000
Western Regional Integrated Pest Management Special Projects Program	McIntyre,Gary A	Plant Pathology & Weed Science USDA-CSRS-Coop. States Research Service	09/01/95- 08/31/97	1486 \$50,000
Plant Disease Survey for Export Enhancement (CAPS 1996)	Brown,William M Bjostad,Louis B	Plant Pathology & Weed Science USDA-APHIS-Ag & Plant Health Insp Srvc	10/01/95- 09/30/96	2057 \$4,400
The Influence of Light Intensity, Plant Moisture Status, Surfactants, & Nitrogen on Crop...	Nissen,Scott	Plant Pathology & Weed Science FMC Corporation	07/01/95- 06/30/98	6126 \$1,348
Dry Bean & Onion Disease Management Environmental Monitoring	Schwartz,Howard F	Plant Pathology & Weed Science Various "Non-Profit" Sponsors	05/01/90- 12/31/96	6628 \$700
Integration of Host Plant Resistance & Natural Enemies for Pest Management in Wheat...	Peairs,Frank B	Entomology University of Wyoming	09/15/95- 09/30/96	1312 \$5,000
Grasshopper Common Dataset (CAPS 1996)	Holtzer,Thomas O	Entomology USDA-APHIS-Ag & Plant Health Insp Srvc	10/01/95- 09/30/96	2032 \$13,250
Weed Biocontrol Release & Survey CAPs 96	Bjostad,Louis B	Entomology USDA-APHIS-Ag & Plant Health Insp Srvc	10/01/95- 09/30/96	2035 \$4,987
Weed Biocontrol Release & Survey	Bjostad,Louis B	Entomology USDA-APHIS-Ag & Plant Health Insp Srvc	10/01/95- 09/30/96	2036 \$10,726
Cooperative Agricultural Pest Survey '96	Bjostad,Louis B	Entomology USDA-APHIS-Ag & Plant Health Insp Srvc	10/01/95- 09/30/96	2051 \$32,901
Nestmate Recognition in Honeybees: Collaborative Research on Behavioral & Chemical Assess-...	Bjostad,Louis B Hibbard,Bruce E	Entomology NSF-Biological Centers	12/01/94- 11/30/96	3035 \$35,454
Mosquito Genomics Database	Knudson,Dennis L	Entomology University of California	11/01/94- 10/31/96	5058 \$28,000

College: Applied Human Sciences -- Awards

Food Biotechnology Education Through Telecomputing Courses	Wilken,Karen K Kendall,Patricia A	Food Science & Human Nutrition Montana State University	07/01/95- 06/30/96	2206 \$22,066
Technology Application Assessment	Gregory,Susan R Smith,Kenneth D	Food Science & Human Nutrition Tradeware Technologies, Inc.	03/23/96- 04/30/96	6171 \$4,598
Employment Retention Project	Sample,Pat L	Occupational Therapy Colorado Division of Rehabilitation	10/01/95- 09/30/96	0863 \$23,603
Transition to Community Employment	Schelly,Catherine L	Occupational Therapy Larimer County Dept. / Human Development	01/01/96- 12/31/96	5066 \$12,000
BUC\$ Project in Colorado	Carroll,Jan B	Design, Merchand. & Consumer Science AT&T Universal Card Services Corporation	01/01/96- 01/01/97	6165 \$7,920
NCAA National Youth Sports Program	Johnson,Marion Lee	Exercise & Sport Science National Collegiate Athletic Association	03/12/96- 09/09/96	5068 \$47,000
Auntie Stone Cabin Re-roof	Thorburn,Mark S	Industrial Sciences City of Fort Collins Museum	02/01/96- 04/15/96	5349 \$1,512
Silverton Town Hall Restoration	Beardmore,Richard S Thorburn,Mark S	Industrial Sciences Town of Silverton, Board of Trustees	04/01/93- 01/01/97	5693 \$5,200
Colorado School to Work Initiative	Cobb,R Brian	School of Education Governors Office	01/19/96- 09/30/96	0886 \$80,000
Planning for Quality Instruction: Linking Induction & Standards	Gould,Lois	School of Education CCHE-Commission on Higher Education	02/05/96- 06/30/96	0895 \$18,473
An Examination of the PLACE Assessments	Cobb,R Brian	School of Education CCHE-Commission on Higher Education	02/01/96- 06/30/96	0896 \$16,380
Education Life Skills Immersion Program Project III	Cobb,R Brian	School of Education Colorado Department of Corrections	11/01/95- 01/30/96	0897 \$3,800
Cluster Program Phase I	Jansen,Duane G Lewis,Wiley Buford	School of Education C.D. of Ed./Comm. College & Occup. Ed.	07/01/95- 06/30/96	0903 \$1,500
Post-Secondary Assessment Study (Assessing the Integration of Academic/Vocational Education...	Schneider,Sherrie	School of Education C.D. of Ed./Comm. College & Occup. Ed.	07/01/95- 06/30/96	0904 \$1,105
Even Start Project	Love,Cathleen T	School of Education Anschutz Family Foundation	12/01/94- 11/30/96	5405 \$5,550

College: Liberal Arts -- Awards

Hatton Gallery - Fall Semester Exhibitions	Frickman,Linda G	Art	01/24/96-	5062
		City of Fort Collins - Fort Fund	01/24/97	\$1,000
Opportunities & Obstacles for Sustainable Development	Murray,Douglas L	Sociology	01/01/94-	5288
		MacArthur Foundation	06/30/96	\$196

College: Business -- Awards

1996 Seat Belt Usage Survey	Hivner,Walter A	Inst. for Transportation Management Colorado Department of Transportation	01/29/96- 09/30/96	0892 \$54,000
CDOT Leadership Training Institute Program	Kaman,Vicki S	Inst. for Transportation Management Colorado Department of Transportation	03/14/96- 07/31/96	0902 \$40,075
Data Conversion & Cleanup in Conjunction with ManMan 9+ System	Weston,Frederick C J	Computer Information Systems Fischer Imaging Company	09/01/95- 05/30/96	6129 \$32,994

## College: Engineering -- Awards

REU in Chemical Engineering Using the Colorado Bioprocessing Center	Murphy,Vincent G Batt,Brian C	Chemical & Bioresource Engineering NSF - Engineering Grant	02/01/96- 01/31/97	3034 \$41,595
Bioremediation Technology in the Engineering Curriculum: Research Experiences...	Reardon,Kenneth F	Chemical & Bioresource Engineering NSF - Engineering Grant	01/01/96- 08/31/98	3099 \$5,000
Reactive Blending via Metal-ligand Coordination in Polymeric Complexes	Belfiore,Laurence A	Chemical & Bioresource Engineering NSF-MPS-Mathematical & Physical Sciences	04/01/96- 03/31/97	3109 \$80,000
Field Application of Burkholderia Cepacia PR1-301C for Bioremediation of TCE-contamination...	Reardon,Kenneth F	Chemical & Bioresource Engineering Camp Dresser McKee	07/24/95- 04/15/96	6122 \$2,500
DSC Testing	Rakow,Allen L	Chemical & Bioresource Engineering Iams Company	01/01/96- 09/30/96	6163 \$50,955
Optimization of Diamond Growth Rate in Chemical Vapor Deposition Reactors	Dandy,David	Chemical & Bioresource Engineering Texas Instruments, Inc.	02/01/96- 09/30/96	6169 \$50,985
Boeing Contaminant Hydrogeology	McWhorter,David	Chemical & Bioresource Engineering The Boeing Company	03/01/96- 02/28/99	6173 \$450,000
Consumptive Use Model	Garcia,Luis	Chemical & Bioresource Engineering Riverside Technology, Inc	03/01/95- 05/31/96	6911 \$2,250
National Weather Service/COMET Fellowship	Rutledge,Steven A	Atmospheric Science UCAR-NCAR-COMET Atmospheric Tech. Divis.	01/01/96- 05/15/96	1107 \$10,283
Assessment of Customized Mesoscale Numerical Weather Prediction Products for Two Weather...	Cotton,William R	Atmospheric Science UCAR-NCAR-COMET Atmospheric Tech. Dir	04/01/96- 04/01/98	1108 \$10,000
Measurements of Ice Nucleating Aerosols in the Upper Troposphere & Lower Stratosphere	Kreidenweis,Sonia M Demott,Paul J	Atmospheric Science NASA-ARC-Ames Research Center	11/01/94- 04/30/96	1906 \$153,707
Radiative Significance of Middle & Upper Tropospheric Clouds	Cox,Stephen K Davis,John M	Atmospheric Science NASA-Langley Research Center	04/01/96- 03/31/97	1922 \$148,000
Interaction of the Cloudy Arctic Boundary Layer with Variable Surface Conditions...	Randall,David A	Atmospheric Science NASA-Langley Research Center	05/01/96- 04/30/97	1923 \$75,000
Large Eddy Simulation of Cirrus Clouds	Cotton,William R	Atmospheric Science NASA-Langley Research Center	05/01/96- 04/30/97	1924 \$34,000
Biosphere-Atmosphere Interactions - A Study of the Energy, Water & Carbon Cycles	Randall,David A	Atmospheric Science NASA-Goddard	05/01/95- 08/31/96	1961 \$60,000
Observational & Modeling Studies in Support of the Atlantic Stratocumulus Transition...	Cox,Stephen K	Atmospheric Science DOD-NAVY-ONR-Office of Naval Research	03/01/91- 04/30/97	2397 \$321,621
Development & Testing of Physical Algorithms for Cloud Forecasting on the Mesoscale	Cotton,William R Stephens,Graeme L	Atmospheric Science DOD-USAF-Office of Scientific Research	01/15/95- 01/14/97	2541 \$87,909
High Performance Computing & Communications Input for Roberto Mechoso	Randall,David A	Atmospheric Science University of California-Los Angeles	12/01/94- 02/28/97	2704 \$31,812
Atmospheric Tracer Transport Model Intercomparison Project (TRANSCOM)	Randall,David A Denning,A Scott	Atmospheric Science University of New Hampshire	05/01/95- 04/30/96	2708 \$25,000
Projecting Climate & Vegetation Change for the Central Grasslands Biogeographic Region...	Pielke,Roger A Kittel,Timothy G F	Atmospheric Science DOI-NPS-National Park Service	05/01/93- 04/01/97	2866 \$43,050

## College: Engineering -- Awards

Climate Change in the Colorado Rocky Mountains: Bounding Projected Changes in Region..	Pielke,Roger A Kittel,Timothy G F	Atmospheric Science DOI-NPS-National Park Service	08/01/93- 04/01/97	2867 \$72,750
Hurricane Dynamics	Schubert,Wayne H	Atmospheric Science NSF-GEO-Geosciences	02/01/95- 01/31/97	3047 \$136,415
Mesoscale Convective Systems & the Atmospheric Boundary	Johnson,Richard H	Atmospheric Science National Science Foundation	03/01/94- 08/31/97	3063 \$170,000
The CSU-CHILL Radar Facility	Rutledge,Steven A Bringi,Viswanathan N	Atmospheric Science NSF-GEO-Geosciences	05/01/95- 04/30/97	3157 \$510,000
Continued Investigation of the Influence of Landscape on Weather & Climate	Pielke,Roger A	Atmospheric Science National Science Foundation	02/01/94- 07/31/97	3380 \$122,344
Mixed Layer Processes & Parameterization in High Resolution Ocean Models	Randall,David A Jensen,Tommy G	Atmospheric Science US Department of Energy	02/01/96- 01/31/97	3810 \$80,096
Scanning Spectral Polarimeter	Stephens,Graeme L	Atmospheric Science Sandia Corporation/Sandia National Lab.	07/20/94- 09/30/96	3957 \$198,729
Experimental Studies of the Factors Controlling the Water Nucleating Ability of Atmospheric...	Kreidenweis,Sonia M Brechtel,Fredrick J	Atmospheric Science Environmental Protection Agency	09/07/95- 12/31/97	5850 \$1,723
CCHE Space Center of Excellence	Sadeh,Willy Z	Civil Engineering University of Colorado	07/01/93- 06/30/96	0281 \$30,100
Colorado Transportation Information Program	Ariniello,Alex Grigg,Neil S	Civil Engineering Colorado Department of Transportation	01/01/96- 12/31/96	0887 \$189,000
Methodologies for Design of Soil Covers for Waste Disposal Sites	Abt,Steven R	Civil Engineering Nuclear Regulatory Commission	04/01/95- 04/28/96	1002 \$5,564
Technology Transfer & Training (T3) Program for Native Americans	Gutkowski,Richard M El-Hakim,Omnia I	Civil Engineering DOT-Federal Highway Administration	01/01/96- 12/31/96	1029 \$24,085
Technology Transfer & Training (T3) Program for Native Americans	Gutkowski,Richard M El-Hakim,Omnia I	Civil Engineering DOT-Federal Highway Administration	01/01/96- 12/31/96	1030 \$175,915
Water & Sediment Flow Routing on the Green River	Flug,Marshall Fontane,Darrell G	Civil Engineering DOI-NPS-National Park Service	09/01/95- 09/01/96	1713 \$39,882
DEC Design Guidance	Watson,Chester C Abt,Steven R	Civil Engineering DOD-ARMY-Corps of Engineers	03/01/96- 06/30/96	2300 \$25,000
DEC Monitoring Sites 1996-1998	Watson,Chester C Abt,Steven R	Civil Engineering DOD-ARMY-Corps of Engineers	12/22/95- 05/30/96	2590 \$50,000
DEC Monitoring Sites 1996-1998	Watson,Chester C Abt,Steven R	Civil Engineering DOD-ARMY-Corps of Engineers	12/22/95- 07/31/96	2590 \$200,000
Uniform Test Procedures for Block Products: Test Development & Evaluation	Abt,Steven R Watson,Chester C	Civil Engineering DOD-ARMY-Corps of Engineers	03/01/96- 02/28/98	2594 \$53,027
Computer Modeling of Two Crossings on the Mississippi River	Gessler,Daniel Watson,Chester C	Civil Engineering DOD-ARMY-Corps of Engineers	03/01/96- 02/28/97	2595 \$70,271
Debris Control at Hydraulic Structures	Abt,Steven R	Civil Engineering University of Nottingham, England	08/01/95- 12/31/95	2612 \$12,723

## College: Engineering -- Awards

Quantification of Federal Reserved Water Rights for National Park Purposes	Sanders,Thomas G Kimball,Dan	Civil Engineering DOI-NPS-National Park Service	10/01/92- 09/27/97	2860 \$54,000
CSU/TTU Cooperative Wind Engineering Program	Meroney,Robert N	Civil Engineering National Science Foundation	01/15/95- 12/31/96	3045 \$257,041
Second International Symposium on Computational Wind Engineering	Meroney,Robert N Bienkiewicz,Bogusz J	Civil Engineering NSF - Engineering Grant	03/01/96- 02/28/97	3083 \$22,000
Research Experience for Undergraduate Supplement to the National Young Investigator Award	Shackelford,Charles	Civil Engineering NSF - Engineering Grant	11/01/92- 04/30/97	3107 \$5,000
National Science Foundation - National Young Investigator Award	Shackelford,Charles	Civil Engineering National Science Foundation	11/01/94- 04/30/97	3352 \$51,170
IPA - USBR Agreement for John Labadie	Labadie,John W	Civil Engineering DOI-Bureau of Reclamation	09/05/95- 09/30/96	4181 \$19,480
Science & Technology to Save & Better Utilize Central & Eastern Europe's Forests	Gutkowski,Richard M	Civil Engineering NATO-North Atlantic Treaty Organization	12/31/95- 03/31/97	5700 \$14,539
Summitville Forum Conference	Nelson,John D	Civil Engineering Environmental Protection Agency	09/30/95- 09/30/96	5804 \$20,540
Wind Tunnel Study of Powerguard Roofing System	Bienkiewicz,Bogusz J	Civil Engineering Powerlight Corporation	03/01/95- 06/30/96	6092 \$5,000
Wind Tunnel Study of the Boston Edison Ventilation Building for Central Artery-Third...	Neff,David E Meroney,Robert N	Civil Engineering Rizzo Associates, Inc.	11/10/95- 06/30/96	6151 \$16,750
Wind Tunnel Study of Container Crane	Neff,David E Leitl,Bernd	Civil Engineering Liftech Consultants, Inc	01/29/96- 05/20/96	6166 \$46,504
Wind Tunnel Good Engineering Stack Height Study of the FCC COB Stack at the Bill...	Neff,David E Meroney,Robert N	Civil Engineering Exxon Company, U.S.A.	02/01/96- 04/01/96	6167 \$26,035
Two-Dimensional Parallel Read-Out of Optical Tape	Mitkas,Pericles A	Electrical Engineering University of Colorado	07/01/95- 06/30/96	0843 \$15,000
Research in Surface Emitting Lasers	Temkin,Henryk	Electrical Engineering University of Colorado	07/01/95- 06/30/96	0894 \$20,000
Aberration Corrected Optics	Rocca,Jorge J G	Electrical Engineering University of Colorado	07/01/95- 06/30/96	0900 \$20,000
Ka Band Propagation Studies Using ACTS Terminal & CSU-CHILL Radar	Bringi,Viswanathan N Turk,Francis J	Electrical Engineering NASA-Lewis Research Center	05/01/93- 09/30/96	1977 \$92,040
Quasi-bulk Highly Strained InGaAs/InP Quantum Well Laser	Robinson,Gary Y Temkin,Henryk	Electrical Engineering DOD-USAF-Air Force	07/15/93- 10/15/96	2455 \$97,738
Quantum Well Lasers	Temkin,Henryk	Electrical Engineering DOD-USAF-Air Force	07/15/93- 10/15/96	2456 \$128,649
Holographic Storage & Processing for Very Large Relational Databases	Mitkas,Pericles A	Electrical Engineering DOD-USAF-Office of Scientific Research	02/01/94- 01/31/97	2471 \$49,000
Target Detection & Classification from Acoustic Backscattering Using Adaptive Signal...	Azimi-Sadjadi,M R	Electrical Engineering DOD-NAVY	04/06/94- 07/31/97	2483 \$70,989

## College: Engineering -- Awards

Robust, High-Speed WDM Networks	Jayasumana,Anura Temkin,Henryk	Electrical Engineering DOD-ARPA-Advanced Research Proj. Agency	05/01/95- 09/30/96	2515 \$236,951
Advanced Polarimetric Measurements & Analysis	Bringi,Viswanathan N Chandrasekar,V	Electrical Engineering DOD-USAF-Office of Scientific Research	02/01/95- 01/31/97	2540 \$63,136
Research Experience for Undergraduates Uniform Grain Size Polysilicon Plasma Processing...	Collins,George J	Electrical Engineering NSF - Engineering Grant	07/01/95- 06/30/96	3021 \$10,000
International Collaboration for the Study of Fast Capillary Plasmas	Rocca,Jorge J G	Electrical Engineering NSF - Engineering Grant	01/01/95- 12/31/96	3038 \$12,161
Undergraduate Research Experience	Rocca,Jorge J G	Electrical Engineering National Science Foundation	09/15/94- 08/31/96	3073 \$10,000
Exploring Electron Beam Assisted ALE & of P-type Conductivity Control	Collins,George J	Electrical Engineering NSF-SBE-Social, Behav & Econ Sciences	04/01/96- 03/31/99	3089 \$20,750
Characterization of Carrier Confinement in Short Wavelength InGaAlP Heterostructures...	Menoni,Carmen S Robinson,Gary Y	Electrical Engineering NSF-MPS-Mathematical & Physical Sciences	08/01/94- 07/31/97	3225 \$80,000
Optoelectronics Administration	Wilmsen,Carl W	Electrical Engineering University of Colorado	05/01/95- 04/30/96	3472 \$3,000
Optoelectronic Analysis	Wilmsen,Carl W	Electrical Engineering University of Colorado	05/01/95- 04/30/96	3475 \$15,000
Optoelectronic Analysis	Wilmsen,Carl W	Electrical Engineering University of Colorado	05/01/95- 04/30/96	3485 \$11,000
Variable Space Gratings with Flat Field Focusing	Rocca,Jorge J G	Electrical Engineering Hyperfine, Inc.	10/01/92- 06/30/97	6007 \$5,000
Research in Surface Emitting Lasers	Temkin,Henryk	Electrical Engineering VIXEL Corporation	07/01/94- 06/30/97	6056 \$5,000
MTSIM-C: Beyond Random Logic	Chen,Wei (tom)	Electrical Engineering Hewlett Packard	01/01/96- 12/31/96	6164 \$75,400
MOMBE Growth on GaisAs Substrates	Temkin,Henryk	Electrical Engineering Johnson Matthey Electronics	01/01/96- 06/30/96	6172 \$24,137
Advanced Electric Propulsion Research	Wilbur,Paul J	Mechanical Engineering NASA-Lewis Research Center	01/23/96- 01/22/97	1927 \$25,005
High Throughput Vacuum Deposition of Thin Films	Sampath,Walajabad S	Mechanical Engineering NSF - Engineering Grant	09/01/94- 08/31/96	3037 \$10,000
Research Experiences for Undergraduates in Mechanical Engineering	James,Susan P	Mechanical Engineering NSF - Engineering Grant	02/01/96- 01/31/97	3043 \$34,242
Development of a System for High Speed High Volume Tire Casing Inspection	Peterson,Michael	Mechanical Engineering Bandag, Inc.	03/01/95- 01/31/97	6084 \$44,508
Dynamometer Development of a Small Displacement Natural Gas Engine	Puzinauskas,Paulius	Mechanical Engineering ECOS Energy Systems	04/03/95- 12/31/95	6087 \$57,014
Dynamometer Development of a Small Displacement Natural Gas Engine	Puzinauskas,Paulius	Mechanical Engineering ECOS Energy Systems	04/03/95- 04/30/96	6087 \$60,189

College: Engineering -- Awards

The Great Ignition Shootout	Willson,Bryan D	Mechanical Engineering SECOR International, Incorporated	05/01/95- 03/31/96	6108 \$14,000
Integrated Compound Parabolic Collectors - Design Refinement, Assembling & Evaluation	Duff,William S Smith,Frederick W	Mechanical Engineering Solar Enterprises International, LLC	02/14/96- 11/13/96	9319 \$28,760
Short Course for ABB Robotics, Canada	Fitzhorn,Patrick A	Mechanical Engineering State of Kansas	12/28/95- 03/31/96	9754 \$6,845
Investigate Polymer Wetting Problems	McIntosh,Karen J	Mechanical Engineering State of Kansas	10/25/95- 10/31/95	9757 \$518
Evaluation of NEXRAD Doppler Weather Radar Algorithms & Mesoscale Analysis	Vonderhaar,Thomas H	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	09/28/93- 06/30/96	1132 \$140,428
TOGA/COARE Atmospheric Budget Studies	Johnson,Richard H	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	09/28/93- 06/30/96	1134 \$145,000
Studies of Precipitating Cloud Systems in TOGA COARE Using Shipboard Doppler Radar Data	Rutledge,Steven A	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	03/15/94- 06/30/96	1143 \$145,000
Very High Resolution Gridded Meteorological Forecast Development	Browning,Gerald L	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	03/15/94- 06/30/96	1147 \$112,188
Development of an Ocean Model Based Upon the Reduced System of Equations	Vonderhaar,Thomas H	CIRA DOD-NAVY-ONR-Office of Naval Research	10/01/91- 09/30/96	2413 \$239,416

College: Natural Resources -- Awards

Stream Habitat Study with Remote Sensing & GIS	Hoffer,Roger M	Forest Sciences Colorado Division of Wildlife	01/01/96- 12/31/96	0885 \$32,000
ARC Information on the South Platte Basin -- Fish/Boreal Toad	Dean,Denis J	Forest Sciences Colorado Division of Wildlife	02/01/96- 11/15/96	0891 \$15,014
CSU GIS Habitat	Dean,Denis J	Forest Sciences Colorado Division of Wildlife	03/01/96- 08/31/96	0901 \$12,942
Wildlife Management Program Support for Fort Bliss, Texas	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	01/29/96- 02/01/97	2592 \$51,980
Integrated Training Area Management & Cultural Resources Support for AEC	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	01/29/96- 02/01/97	2593 \$66,972
Integrated Training Area Management Program Support, Fort Dix, New Jersey	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	02/28/96- 04/30/97	2596 \$59,994
Integrated Training Area Management Program Support, Fort Drum, New York	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	02/28/96- 04/30/97	2597 \$59,994
Integrated Training Area Management Program Support, Fort Stewart, Georgia	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	02/28/96- 04/30/97	2598 \$63,451
Integrated Training Area Management for Systems Research & Applications	Shaw,Robert B	Forest Sciences Systems Research & Applications Corp	01/16/96- 09/16/96	2615 \$23,441
Alien Plant Control, Pohakuloa Training Area, Hawaii	Shaw,Robert B	Forest Sciences Brewer Environmental Industries	12/01/95- 01/31/97	2616 \$48,742
Environmental Management Administration	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	09/14/95- 06/30/00	8900 \$8,100
Environmental Management Administration	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	09/14/95- 06/30/00	8900 \$9,511
Environmental Management Administration	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	09/14/95- 06/30/00	8900 \$3,375
Environmental Management Administration	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	09/14/95- 06/30/00	8900 \$4,482
Environmental Management Administration	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	09/14/95- 06/30/00	8900 \$13,500
Environmental Management Administration	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	09/14/95- 06/30/00	8900 \$100,440
Environmental Management Administration	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	09/14/95- 06/30/00	8900 \$5,670
Environmental Management Administration	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	09/14/95- 06/30/00	8900 \$95,431
Environmental Management Administration	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	09/14/95- 06/30/00	8900 \$54,000
Environmental Management Administration	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	09/14/95- 06/30/00	8900 \$20,250

## College: Natural Resources -- Awards

Forest Management Support at Fort Campbell, Kentucky	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	09/14/95- 06/30/00	8914 \$45,900
Establishing Geographic Range for Vetiver Plantings	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	02/01/96- 11/30/96	8915 \$53,894
Scoping of Tasks Required for Preparation of Environmental Impact Statement, US Army...	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	09/14/95- 06/30/00	8916 \$19,125
Scoping of Tasks Required for Preparation of Environmental Impact Statement, US Army...	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	09/14/95- 06/30/00	8916 \$439,875
Scoping of Tasks Required for Preparation of Environmental Impact Statement, US Army...	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	09/14/95- 06/30/00	8916 \$306,000
LCTA & Natural Resources Surveys at Marine Corps Base Quantico	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	09/14/95- 06/30/00	8917 \$25,398
Cultural Resources Management Support for Eglin Air Force Base, Florida	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	09/14/95- 06/30/00	8918 \$76,500
Development of a Community-based Approach to Threatened & Endangered Plant Species Mgmt.	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	09/14/95- 06/30/00	8919 \$32,130
Services to Implement Integrated Training Area Management Program, West Point, NY	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	09/14/95- 06/30/00	8920 \$97,155
Programmatic Environmental Impact Statement for Public Lands Withdrawal	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	09/14/95- 06/30/00	8921 \$439,875
LCTA Program Support for Camp Atterbury, Indiana	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	09/14/95- 06/30/00	8923 \$9,180
Archaeological Phase II Surveys on Fort McCoy	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	09/14/95- 06/30/00	8924 \$22,950
Land Condition Trend Analysis Program, Fort Steward, Georgia	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	09/14/95- 06/30/00	8925 \$158,279
Integrated Training Area Management Program Support for U.S. Army Alaska	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	09/14/95- 06/30/00	8926 \$382,500
Land Condition Trend Analysis at Fort Carson, CO	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	09/14/95- 06/30/00	8927 \$76,500
Ecological Management & Restoration on Eglin Air Force Base, Florida	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	09/14/95- 06/30/00	8928 \$38,250
Central Region Aquatic Resources Survey	Flickinger,Stephen A	Fishery & Wildlife Biology Colorado Division of Wildlife	01/01/96- 06/30/96	0882 \$14,285
Division of Wildlife / GOCO Fund - Colorado Heritage Wildlife Database	Pague,Christopher	Fishery & Wildlife Biology Colorado Division of Wildlife	01/16/96- 12/31/96	0893 \$270,000
Wildlife Habitat Evaluation Program for Schools	Benson,Delwin E	Fishery & Wildlife Biology DOI-Bureau of Reclamation	02/09/96- 09/30/98	1710 \$3,150
Analysis of Fish Samples from the Yampa River, Yampa Canyon, Colorado	Hawkins,John A Muth,Robert T	Fishery & Wildlife Biology DOI-NPS-National Park Service	09/01/95- 09/01/96	1712 \$14,144

## College: Natural Resources -- Awards

Fish Composition of the Yampa & Lillo Snake Rivers	Hawkins,John A Muth,Robert T	Fishery & Wildlife Biology DOI-NPS-National Park Service	03/01/94- 06/01/96	1798 \$2,500
Effects of Fire on Selected Air Force Academy Parcels	Pague,Christopher	Fishery & Wildlife Biology DOD-USAF-Air Force Academy	09/28/95- 12/31/97	2591 \$30,000
El Paso County Level 1 Biological Inventory	Pague,Christopher A	Fishery & Wildlife Biology El Paso County Parks	01/02/96- 05/30/96	5059 \$19,800
Natural Heritage Investigations	Pague,Christopher A	Fishery & Wildlife Biology The Nature Conservancy	11/27/95- 12/31/96	5347 \$4,731
Spatial Attributes of Intact & Subdivided Ranches	Knight,Richard L	Fishery & Wildlife Biology USDA-USFS-Rocky Mtn. Experiment Station	06/07/95- 05/10/96	8770 \$1,800
Spatial Attributes of Intact & Subdivided Ranches	Knight,Richard L	Fishery & Wildlife Biology USDA-USFS-Rocky Mtn. Experiment Station	06/07/95- 05/31/96	8770 \$2,200
Nesting Ecology of the Northern Goshawk & Cooper's Hawk in the Jemez Mountains, New Mexico	Kennedy,Patricia L	Fishery & Wildlife Biology USDA-USFS-Rocky Mtn. Experiment Station	05/01/91- 04/30/96	8780 \$3,550
Database Development & Analysis for Avian & Mammalian Point & Line Transect Data...	Kennedy,Patricia L	Fishery & Wildlife Biology Univ. California-Los Alamos National Lab	07/14/95- 09/30/96	9309 \$25,204
Prairie Restoration at Ellsworth Air Force Base	Redente,Edward F	Rangeland Ecosystem Science DOI-NPS-National Park Service	05/01/95- 04/01/97	4149 \$22,289
Rangeland Evaluation	Rittenhouse,Larry R	Rangeland Ecosystem Science Pritchett Grazing Association	03/01/95- 02/28/97	5064 \$9,600
Development of Natural Resource Carrying Capacity Models	McLendon,Terry	Rangeland Ecosystem Science USDA-USFS-Rocky Mtn. Experiment Station	03/16/95- 02/02/97	8752 \$96,332
Inventory & Monitoring Threatened & Endangered Plants	Bonham,Charles D	Rangeland Ecosystem Science USDA-USFS-Rocky Mtn. Experiment Station	10/01/95- 09/30/96	8841 \$20,500
Development of Revegetation Manual for the Hanford DOE Site	McLendon,Terry	Rangeland Ecosystem Science Bechtel Hanford, Inc.	09/05/95- 12/31/96	9313 \$131,000
Earthfest '96	Haas,Glenn E	Nat Resource Recreation & Tourism City of Fort Collins - Fort Fund	01/24/96- 01/24/97	5067 \$2,000
Development of Environmental Contaminant Encyclopedia	Stednick,John D	Earth Resources DOI-NPS-National Park Service	08/27/93- 03/01/96	1731 \$15,000
Carbon Balance in Global Grasslands	Schimmel,David S	Natural Resource Ecology Lab National Aeronautics & Space Admin.	04/01/95- 09/30/96	1948 \$60,900
Shortgrass Steppe Ecosystem Dynamics & Trace Gas Exchange Under Elevated CO2	Valentine,David W Parton,William J	Natural Resource Ecology Lab USDA-ARS-Agricultural Research Service	01/22/96- 12/30/00	2029 \$264,457
Global Change Data Assessment & Integration	Elliott,Edward T	Natural Resource Ecology Lab Consortium for Int'l Earth Science Info	09/02/95- 09/01/96	2204 \$53,852
Responses of Hydrologic & Aquatic Ecosystem Processes to Potential Climate Change...	Baron,Jill S Swift,David M	Natural Resource Ecology Lab DOI-NPS-National Park Service	05/01/93- 04/01/97	2855 \$82,450
Antarctic Dry Valley Nematode Communities: Establishment, Function & Response...	Freckman,Diana	Natural Resource Ecology Lab National Science Foundation	01/01/96- 12/31/97	3005 \$187,465

College: Natural Resources -- Awards

U.S. - Hungary Grassland Comparisons: Response of Vegetation to Environmental Constr...	Coffin,Debra P	Natural Resource Ecology Lab NSF-SBE-Social, Behav & Econ Sciences	04/01/96- 03/31/99	3111 \$156,076
Constraints on Production & Decomposition in Temperate Semiarid Grasslands	Lauenroth,William K Burke,Ingrid C	Natural Resource Ecology Lab NSF-Biological Centers	10/01/94- 09/30/97	3155 \$5,000
REU Supplement: Long-Term Ecological Research Programs; Shortgrass Steppe	Coffin,Debra P Burke,Ingrid C	Natural Resource Ecology Lab NSF-Biological Centers	11/01/93- 10/31/96	3226 \$10,000
National Atmospheric Deposition Program - 1994-1995	Gibson,James H	Natural Resource Ecology Lab Various "Non-Profit" Sponsors	10/01/94- 03/31/96	5030 \$19,448
Forecasting Impacts of Land Use Change on Elk Habitat in the Mountains: Tools for Plan...	Hobbs,N Thompson Gross,John E	Natural Resource Ecology Lab Rocky Mountain Elk Foundation	01/01/96- 12/31/96	5416 \$38,930
Evaluating Exposures to Individuals Near a Uranium Mill Site	Kirchner,Thomas B Hakonson,Thomas	Natural Resource Ecology Lab Cotter Corporation	10/16/95- 02/29/96	6141 \$14,210
Impact of Climatic Change & Increasing Atmospheric CO2 on U.S. Forest Systems	Parton,William J	Natural Resource Ecology Lab USDA-USFS-Forest Research	02/08/96- 06/30/96	8726 \$5,400
Modeling the Effect of Global Change on Grassland Distribution & Productivity at Land-...	Ojima,Dennis	Natural Resource Ecology Lab Oregon State University	01/10/96- 06/30/96	9318 \$21,375

College: Natural Sciences -- Awards

Undergraduate Biological Sciences Education	Gorell,Thomas A Sneider,Thomas W	Dean of Natural Sciences HHMI-Howard Hughes Medical Institute	07/01/89- 06/30/96	5174 \$18,000
Colorado Integrated Mathematics Initiation	Hardy,Darel W Stein,Fredrick M	Center for Science, Math & Tech Edu CCHE-Commission on Higher Education	01/01/96- 12/31/96	0884 \$90,000
REU Site: Undergraduate Research in Molecular Biosciences	Sneider,Thomas W Curthoys,Norman P	Biochemistry & Molecular Biology NSF-Biological Centers	03/01/96- 02/28/97	3070 \$50,000
Control of Renal Glutaminase Induction during Acidosis	Curthoys,Norman P	Biochemistry & Molecular Biology HHS-PHS-Diabetes, Endocrin. & Metab. Res	02/01/96- 01/31/97	4760 \$161,254
Repression of Cellular Gene Expression by the HTLV-I Tax Protein	Nyborg,Jennifer K	Biochemistry & Molecular Biology American Cancer Society, Inc.	01/01/96- 12/31/97	5346 \$144,000
Transcriptional Regulation by the HTLV-I Tax Protein	Nyborg,Jennifer K	Biochemistry & Molecular Biology HHS-NIH-NCI-National Cancer Institute	12/01/95- 11/30/96	7636 \$6,637
Optical Properties of Biological Macromolecules	Woody,Robert W	Biochemistry & Molecular Biology HHS-PHS-Biophysics & Physiological Sci.	12/01/95- 11/30/96	7669 \$8,787
RNA Polymerase III Transcription Regulation Mechanism	Paule,Marvin R	Biochemistry & Molecular Biology HHS-PHS-Genetics Research	01/01/96- 12/31/96	7674 \$158,292
Transcriptional Regulation by the HTLV-I Tax Protein; Minority Supp for Kenneth Escudero	Escudero,Kenneth W Nyborg,Jennifer K	Biochemistry & Molecular Biology HHS-NIH-NCI-National Cancer Institute	12/01/95- 11/30/96	7706 \$62,350
RNA Polymerase I Transcription & Regulation Mechanisms	Paule,Marvin R	Biochemistry & Molecular Biology HHS-PHS-Genetics Research	01/01/96- 12/31/96	7720 \$235,465
The Role & Regulation of ADF in Neuronal Outgrowth	Meberg,Peter Bamburg,James R	Biochemistry & Molecular Biology HHS-PHS-Biol Basis Research in Neurosci	03/05/96- 03/04/97	7953 \$28,600
Rydberg States of Energetic Materials	Bernstein,Elliot R	Chemistry DOD-ARMY-ARO-Army Research Office	04/15/95- 02/14/97	2549 \$101,000
Chemical Processing of Advanced Ceramics	Maciel,Gary E	Chemistry Southwest Research Institute	06/23/95- 09/30/96	2611 \$18,376
Radical Reactions Relevant to Atmospheric & Combustion Chemistry	Bernstein,Elliot R	Chemistry NSF-MPS-Mathematical & Physical Sciences	03/01/96- 02/28/97	3028 \$105,000
Alkaloids of Importance in Plant-Insect Interactions	Stermitz,Frank R	Chemistry National Science Foundation	05/01/94- 10/31/97	3059 \$104,000
Studies on Chiral & Achiral Carbanions	Meyers,Albert I	Chemistry NSF-MPS-Mathematical & Physical Sciences	05/01/95- 04/30/97	3064 \$146,000
Asymmetric Synthesis of $\alpha$ -Amino Acids - Undergraduate Research Supplement	Williams,Robert M	Chemistry NSF-MPS-Mathematical & Physical Sciences	03/01/94- 08/31/97	3082 \$5,000
Investigation of Plasma Deposition Mechanisms for Silicon Dioxide & Silicon Nitride Films	Fisher,Ellen R	Chemistry NSF-MPS-Mathematical & Physical Sciences	05/01/95- 04/30/97	3086 \$64,000
Electrospray Mass Spectrometry Equipment for Chemical & Biochemical Research	Anderson,Oren P	Chemistry NSF-MPS-Mathematical & Physical Sciences	02/15/96- 01/31/97	3101 \$70,700
Statistical Mechanics of Thermoreversible Gelation (Career)	Szamel,Grzegorz	Chemistry NSF-MPS-Mathematical & Physical Sciences	04/01/96- 03/31/97	3121 \$93,000

## College: Natural Sciences -- Awards

Solvation & Reaction Dynamics in Liquids & Molecular Clusters	Ladanyi,Branka M	Chemistry NSF-MPS-Mathematical & Physical Sciences	08/01/95- 01/31/97	3235 \$92,600
Organic Synthesis via Transition Metal Complex Chemistry	Hegedus,Louis S	Chemistry National Science Foundation	04/01/93- 09/30/97	3367 \$166,000
Colorado State University Department of Chemistry Undergraduate Summer Research Program	Greenberg,Marc M	Chemistry National Science Foundation	03/01/94- 08/31/97	3379 \$36,750
Organometallic Syntheses of Bioactive Compounds	Hegedus,Louis S	Chemistry HHS-PHS-Pharmacology & Biorelated Chem	04/01/96- 03/31/97	4418 \$227,324
Surfactant & Protein Interactions at Biomedically Relevant Interfaces	Grainger,David	Chemistry Oregon State University	10/01/94- 12/31/96	5302 \$49,057
Domain-based Testing with SLEUTH	Vonmayrhauser,A	Computer Science CASI-Colorado Advanced Software Inst.	07/01/95- 12/31/96	0826 \$28,000
Experimental Methods for Evaluating Planning Systems	Howe,Adele	Computer Science University of Massachusetts - Lowell	10/01/94- 07/29/96	2604 \$69,291
An Evaluation of High Performance Functional Computing	Najjar,Walid A Bohm,Anton Pedro W	Computer Science University of Southern California	09/26/95- 08/14/98	2613 \$111,718
Exploitation of Symmetry in Discretization Methods	Allgower,Eugene L Georg,Kurt	Mathematics NSF-MPS-Mathematical & Physical Sciences	07/15/94- 06/30/97	3000 \$87,000
Attractive Invariant Manifolds in High-Dimensional Symmetric Systems	Kirby,Michael J Allgower,Eugene L	Mathematics NSF-SBE-Social, Behav & Econ Sciences	05/01/96- 04/30/98	3108 \$20,760
Measurement of the Magnetically Induced QED Birefringence of the Vacuum	Lee,Siu Au	Physics DOC-NIST-Nat. Inst. Standards & Tech.	03/01/96- 02/28/97	1200 \$50,000
Microwave Magnetic Thin Film Soliton Devices	Patton,Carl E	Physics DOD-ARMY-ARO-Army Research Office	06/16/95- 12/15/96	2561 \$120,000
Thermal & Dynamical Structure of the Mesopause Region: The Latitude Dependence	She,Chiaoyao	Physics NSF-GEO-Geosciences	01/15/96- 12/31/96	3067 \$52,402
Ultrasonic Study of Hydrogen-Metal & Other Condensed Matter Systems	Leisure,Robert G	Physics NSF-MPS-Mathematical & Physical Sciences	07/01/95- 02/28/97	3389 \$75,090
Photon Burst Mass Spectrometry of Krypton	Fairbank,William M J	Physics Univ. California-Los Alamos National Lab	12/01/93- 09/30/96	3947 \$50,000
Understanding the Physics of Stained-Layer Optoelectronic Devices Using Stress & Pre...	Hochheimer,Hans D	Physics NATO-North Atlantic Treaty Organization	01/01/96- 12/31/97	5723 \$7,857
Drug Use Among Young Indians: Epidemiology & Prediction	Beauvais,Frederick	Psychology HHS-PHS-Drug Abuse Research Programs	12/01/95- 11/30/96	4616 \$468,187
Drug Use Among Young Indians: Epidemiology & Prediction	Beauvais,Frederick	Psychology HHS-PHS-Drug Abuse Research Programs	12/01/95- 11/30/96	4616 \$14,480
Drug Use Among Young Indians: Epidemiology & Prediction (Supplement)	Beauvais,Frederick	Psychology HHS-PHS-Drug Abuse Research Programs	12/01/95- 11/30/96	4635 \$24,070
Drug Use Among Young Indians: Epidemiology & Prediction (Supplement)	Beauvais,Frederick	Psychology HHS-PHS-Drug Abuse Research Programs	12/01/95- 11/30/96	4635 \$744

## College: Natural Sciences -- Awards

Stochastic Modelling with Applications to Markov Chain Monte Carlo Methods & Design...	Tweedie,Richard L Meyn,Sean P	Statistics NSF-MPS-Mathematical & Physical Sciences	07/01/95- 06/30/97	3175 \$35,000
CASE-General Account for Statistical Research	Zumbrunnen,James R	Statistics Various "For Profit" Sponsors	09/01/95- 12/31/96	6131 \$300
CASE-General Account for Statistical Research	Zumbrunnen,James R	Statistics Various "For Profit" Sponsors	09/01/95- 12/31/96	6131 \$620
CASE-General Account for Statistical Research	Zumbrunnen,James R	Statistics Various "For Profit" Sponsors	09/01/95- 12/31/96	6131 \$315
Developmental Analysis of a Putative Juvenile Hormone Receptor	Wilson,Thomas G	Biology NSF-Biological Centers	03/01/95- 02/28/97	3044 \$100,000
Carbohydrate & Lipid Utilization in Mammals	Florant,Gregory L	Biology NSF-Biological Centers	12/01/94- 02/28/97	3062 \$8,000
New Hormone Related Genes in Drosophila (REU Supplement to 5-33044)	Wilson,Thomas G	Biology NSF-Biological Centers	03/01/95- 02/28/97	3077 \$4,821
The Mechanism & Control of Shell Calcium Mobilization	Packard,Mary Johnson	Biology National Science Foundation	08/01/94- 07/31/97	3104 \$77,094
Evolution of Complex Colony Structure in Social Insects: REU Supplement for Joan M. Herbers	Herbers,Joan M	Biology NSF-Biological Centers	07/01/95- 06/30/97	3110 \$3,500
Novel Proteins of the Pollen Extracellular Matrix - REU	Bedinger,Patricia	Biology NSF-Biological Centers	11/01/94- 01/31/98	3117 \$5,000
Within- & Across-site Variation in Ant Community Structure & Ecosystem... REU Supplement	Wiens,John A	Biology NSF-Biological Centers	10/01/95- 09/30/98	3123 \$5,000
Regulation of Synthesis of Tubulin & Actin in the Crustacean Exoskeleton	Mykles,Donald L	Biology East Tennessee State University	01/01/96- 09/30/96	3409 \$42,310
Avian Diversity & Predator Assemblages in Lowland Riparian Areas	Wiens,John A Miller,James Robert	Biology City of Boulder	05/15/95- 03/31/97	5322 \$6,593
The Role of Serotonin in a Parasite-Induced Change in Behavior	Wright,William G	Biology Whitehall Foundation	01/01/95- 12/31/97	5403 \$25,000

College: Veterinary Medicine & Biomedical Sciences -- Awards

The Molecular Physiology of Glutamate in Taste (Project 3)	Kinnamon,Sue C	Anatomy & Neurobiology University of Miami	09/01/95- 08/31/96	4302 \$128,024
Age-Related Changes in Glutamate Receptors	Magnusson,Kathy	Anatomy & Neurobiology HHS-PHS-Aging Research	02/20/96- 12/31/96	4403 \$63,936
Electrophysiology of Taste Transduction	Kinnamon,Sue C	Anatomy & Neurobiology HHS-NIH-NIDCD-Deafness & Other Comm. Dis	04/01/96- 03/31/97	4405 \$172,541
Genetic Engineering of Cells / Upregulation of trkB & trkC Receptors	Nornes,Howard O Neuman,Toomas	Anatomy & Neurobiology Spinal Cord Society	01/01/96- 06/30/96	5101 \$68,537
Role of Sand Fly & Tick Saliva in Disease	Titus,Richard	Pathology HHS-PHS-AID-Microbio & Infectious Dis Re	02/01/96- 01/31/97	4404 \$241,938
Pathogenesis of Feline Immunodeficiency Virus Infection	Hoover,Edward A	Pathology HHS-PHS-AID-Microbio & Infectious Dis Re	01/01/96- 12/31/96	4829 \$319,673
Studies of Parasite Immunology	Weiser,M Glade	Pathology Eisai Company, Ltd.	02/01/96- 01/31/98	6170 \$52,000
Multivalent Virus Vected Vaccines for Sheep / 104-15	Demartini,James C	Pathology Washington State University	10/01/93- 09/30/96	9023 \$16,394
Multivalent Virus Vected Vaccines for Sheep / 104-15	Demartini,James C	Pathology Washington State University	10/01/93- 09/30/96	9024 \$70,606
Cryopreservation of Sexed Bovine Sperm	Seidel,George E Jr	Physiology Atlantic Breeders Cooperative	09/19/94- 03/01/97	5010 \$11,000
Regulation of LH Receptors & Progesterone Secretion	Niswender,Gordon D	Physiology HHS-PHS-Population Research	12/01/95- 11/30/96	7637 \$5,809
Regulation of GnRH Receptor Gene Expression	Clay,Colin	Physiology HHS-PHS-Population Research	01/01/96- 12/31/96	7675 \$72,352
Science Motivation Program	Miller,Charles W	Physiology HHS-DRR-Biomedical Research Support Gnt.	04/01/96- 03/31/97	7689 \$68,187
Sensitivity to Neoplastic Transformation of Mitotic Cells, Research on Molecular Mechanisms	Elkind,Mortimer M Wells,Robert L	Radiological Health Sciences Nuclear Regulatory Commission	10/21/94- 10/20/96	1044 \$49,946
HZE Radiation Genotoxicity in Cultured Mammalian Cells	Waldren,Charles A	Radiological Health Sciences National Aeronautics & Space Admin.	12/01/95- 11/30/96	1921 \$129,794
Vegetation Analysis for Landfill Cover Demonstration	Hakonson,Thomas	Radiological Health Sciences DOD-NAVY	02/20/96- 04/30/96	2599 \$5,446
NASA Specialized Center of Research & Training for Radiation Health	Gillette,Edward L Lett,John T	Radiological Health Sciences Univ California-Lawrence Berkeley Lab	06/26/92- 02/29/96	2701 \$54,000
NASA Specialized Center of Research & Training for Radiation Health	Gillette,Edward L Lett,John T	Radiological Health Sciences Univ California-Lawrence Berkeley Lab	06/26/92- 12/31/96	2701 \$309,318
Plutonium Distribution among Soil Phases Around the Subsurface Disposal Area at the Idaho...	Ibrahim,Shawki A	Radiological Health Sciences Environmental Science & Research Found.	02/01/95- 10/31/96	3966 \$38,327
Radiation Repair of Normal Mammalian Tissues	Gillette,Edward L	Radiological Health Sciences HHS-PHS-NCI-Cancer Treatment Center	03/01/96- 02/28/97	4791 \$278,828

College: Veterinary Medicine & Biomedical Sciences -- Awards

Radiobiology of Lethality, Mutation, & Transformation	Elkind,Mortimer M	Radiological Health Sciences HHS-NIH-NCI-National Cancer Institute	04/01/96- 03/31/97	7650 \$569,508
Utilization of a New Test & Techniques for the Screening & Diagnosis of Bovine TB...	Salman,Mowafak D	Environmental Health USDA-APHIS-Ag & Plant Health Insp Srvc	11/01/95- 10/31/96	2030 \$50,000
Center of Epidemiology & Animal Health Data Analysis	Salman,Mowafak D	Environmental Health USDA-APHIS-Ag & Plant Health Insp Srvc	02/22/96- 03/22/96	2066 \$2,500
An Interdisciplinary & Alternative Approach to Assess Carcinogenicity of Chlorobenzenes	Yang,Raymond S H	Environmental Health DOD-USAF-Office of Scientific Research	06/01/94- 05/31/97	2491 \$185,405
Characterization of Dog & Cat Surplus: An Epidemiological Approach	Salman,Mowafak D	Environmental Health Morris Animal Foundation	01/01/95- 12/31/96	5404 \$13,000
Training Programs in Veterinary Epidemiology	Salman,Mowafak D	Environmental Health Teachers of Veterinary Public Health	01/01/94- 12/31/96	5537 \$12,300
Training Programs in Veterinary Epidemiology	Salman,Mowafak D	Environmental Health Teachers of Veterinary Public Health	01/01/94- 12/31/96	5537 \$15,220
Feasibility Study of Estimating Pesticide Exposures Among Migrant/Seasonal Farm Workers	Stallones,Lorann	Environmental Health HHS-NIH-NCI-National Cancer Institute	01/01/96- 12/31/96	7719 \$23,000
Phylogenetic Analysis of Biogeography, Habitat and Host Associations in Ticks	Black,William C IV	Microbiology NSF-Biological Centers	03/01/95- 02/28/97	3057 \$77,198
HIV-Associated Pathogens of the Lung; Life Cycle Regulation	Orme,Ian M	Microbiology Washington University, Missouri	09/30/95- 08/31/96	4307 \$25,713
CSU Sub-contract with Case Western University (Dr. Boom)	Orme,Ian M	Microbiology Case Western Reserve University	09/30/95- 08/31/96	4312 \$90,631
Defined Native Antigens & Immunity to Tuberculosis	Orme,Ian M	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	03/01/96- 02/28/97	4409 \$190,602
Evaluation of Career Opportunities for Minorities in the Health Sciences	Coulter,Gary R	Microbiology HHS-PHS-Minority Access/Research Careers	03/01/96- 02/28/97	4417 \$32,908
Leprosy Research Support & Maintenance of an Armadillo Colony: Part I: Leprosy Research...	Brennan,Patrick J	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	06/30/95- 06/29/97	4625 \$365,560
Tuberculosis Research Materials	Belisle,John T Orme,Ian M	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	07/01/92- 06/30/97	4801 \$580,694
Surface Antigens of M. Leprae & Other Mycobacteria	Brennan,Patrick J McNeil,Michael R	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	01/01/96- 12/31/96	4824 \$254,218
A Resource for TB Vaccine Testing	Orme,Ian M	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	02/01/95- 01/31/97	4852 \$286,337
Molecular Genetic Control of Vector Potential	Carlson,Jonathan O Beaty,Barry J	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	02/01/96- 01/31/97	4855 \$195,542
Animal Model Testing of TB Drugs	Orme,Ian M	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	07/01/94- 06/30/97	4856 \$349,364
MacArthur Program: Vector Molecular Biology	Beaty,Barry J	Microbiology MacArthur Foundation	01/01/96- 12/31/96	5187 \$250,260

College: Veterinary Medicine & Biomedical Sciences -- Awards

MacArthur Course: Biology of Disease Vectors	Beaty,Barry J	Microbiology MacArthur Foundation	01/01/96- 12/31/96	5205 \$40,496
Support for Biology of Disease Vectors	Beaty,Barry J	Microbiology WHO-World Health Organization	04/01/96- 03/31/97	5344 \$20,000
Vector Molecular Biology Institutes	Beaty,Barry J	Microbiology MacArthur Foundation	01/01/96- 12/31/97	5401 \$52,109
Distribution of a Textbook, Biology of Disease Vectors	Beaty,Barry J Marquardt,William C	Microbiology MacArthur Foundation	12/01/94- 12/31/96	5402 \$1,541
Provision of Isolates of Mycobacterium avium/Mycobacterium Intracellulare	Brennan,Patrick J	Microbiology Abbott Laboratories	04/01/96- 03/31/97	6174 \$9,999
Gonioscopic & Ultrasound Biomicroscopic Comparison of the Canine Iridocorneal Angle	Gibson,Terri Roberts,Steven M	Clinical Sciences American Coll of Veterinary Ophthalmol.	03/01/96- 03/01/97	5070 \$1,970
Intra-Articular Administration of Morphine to Control Pain in Dogs Following Elbow...	Schwarz,Peter D	Clinical Sciences Morris Animal Foundation	02/01/96- 01/31/97	5201 \$7,500
Evaluation of rhBMP-2 with an OPLA Carrier in a Sheep Interbody Spinal Fusion Model	Turner,Anthony Simon Seim,Howard B	Clinical Sciences Danek Corporation	06/01/95- 11/30/96	6123 \$1,769
Toxoplasma Gondii-Specific IgM, IgG, & IgA Responses in the Serum, Salvia & Duodenal...	Lappin,Michael R	Clinical Sciences PARAVAX, Inc.	12/15/93- 12/14/96	6892 \$8,806

## College: Other -- Awards

Northern Front Range Air Quality Study	Smith,Ralph E	Vice President for Research Governors Office	09/19/95- 10/15/96	0835 \$50,000
Gene specific Therapy of Breast & Pancreatic Cancer	Maul,Donald H	Laboratory Animal Resources St. Mary's Hospital	09/01/94- 07/31/96	5026 \$17,194
Animal Studies Using Recombinant Hemoglobin Preparations	Maul,Donald H	Laboratory Animal Resources Somatogen	03/15/94- 03/15/97	6895 \$15,201
Passive Immunization of SCID Mice with Anti-Borrelia burgdorferi Monoclonal Antibody	Maul,Donald H	Laboratory Animal Resources HHS-CDC-Infectious Disease	01/01/96- 03/31/96	7721 \$932
Turkey East Anatolia Training Project	Niehaus,Merle H	International Research & Development CID-Consortium for Inter. Development	10/26/94- 11/30/95	9201 \$9,435
Turkey East Anatolia Training Project	Niehaus,Merle H	International Research & Development CID-Consortium for Inter. Development	10/26/94- 06/30/96	9201 \$10,584
Agricultural Research	Laughlin,Charles W	Agricultural Experiment Station USDA-CSRS-Coop. States Research Service	10/01/95- 09/30/96	2024 \$28,450
Agricultural Research	Laughlin,Charles W	Agricultural Experiment Station USDA-CSRS-Coop. States Research Service	10/01/95- 09/30/96	2024 \$18,000
Agricultural Research	Laughlin,Charles W	Agricultural Experiment Station USDA-CSRS-Coop. States Research Service	10/01/95- 09/30/96	2024 \$725
Department of Local Affairs Impact Assistance - Pueblo	Rewerts,Milan A	Cooperative Extension Colorado Department of Local Affairs	01/01/96- 12/31/96	0880 \$80,000
Department of Local Affairs Impact Assistance - Loveland	Rewerts,Milan A	Cooperative Extension Colorado Department of Local Affairs	01/01/96- 12/31/96	0881 \$80,000
Colorado Rural Youth Drinking/Driving Prevention Project	Luevane,Carmen	Cooperative Extension Colorado Department of Transportation	12/15/95- 09/30/96	0883 \$39,300
Colorado Youth Council	Martin,Dorothy Millich,Krystie Rose	Cooperative Extension Governors Office	01/01/96- 12/31/96	0888 \$42,000
Northeast Colorado Elder Care	Sherman,Bonnie M	Cooperative Extension Colorado Rural Health Resource Center	01/01/96- 12/31/98	5061 \$28,325
Recovery & Disposal of Agricultural Pesticides	Jepson,Ronald F	Cooperative Extension Various "Other Local Government" Sponsor	02/15/96- 06/30/96	5065 \$8,000
DARE to be You Head Start Program with Ute Mountain Utes	Miller-Heyl,Janet L	Cooperative Extension Ute Mountain Ute Tribe	09/01/95- 08/30/96	5071 \$15,000
Nutrition Education for Colorado Springs Limited Income	Bray,Colleen R	Cooperative Extension City of Colorado Springs	01/01/96- 12/31/96	5348 \$13,519
DARE TO BE YOU -- Training / Workshops	Miller-Heyl,Janet L	Cooperative Extension Various "Non-Profit" Sponsors	01/01/93- 09/30/96	5671 \$1,459
DARE TO BE YOU -- Training / Workshops	Miller-Heyl,Janet L	Cooperative Extension Various "Non-Profit" Sponsors	01/01/93- 09/30/96	5671 \$2,938