

# Office of Vice President for Research

Research Proposals Submitted  
*and*  
Research Awards Received

October - December 1995



Research Proposals Submitted

*and*

Research Awards Received

October - December 1995

## 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 Human Sci	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

### 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 Human Sci	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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### **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

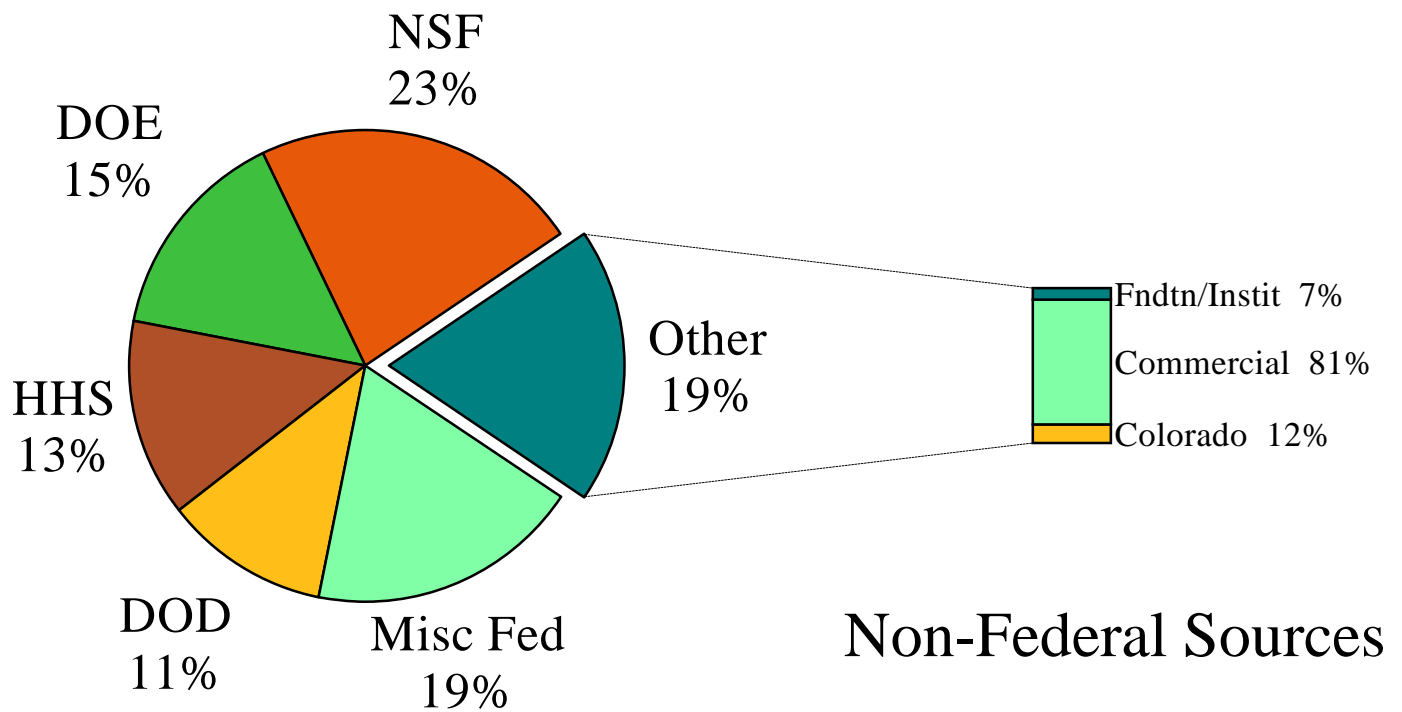
# Section I

## Historical Summaries

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

# Proposals by Fund Source

Quarter Ending December 1995



All Sources

Non-Federal Sources

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

<u>Sponsor Name</u>	10/01/95 - 12/31/95		10/01/94 - 12/31/94	
	<u>Number</u>	<u>Amount</u>	<u>Number</u>	<u>Amount</u>
Commercial	53	\$5,683,469	46	\$4,110,418
Foundations	10	\$463,174	6	\$263,088
Institutes	1	\$46,644	0	\$0
State of Colorado	11	\$859,858	10	\$903,269
USDA - Department of Agriculture	12	\$2,826,384	11	\$2,382,863
DOC - Department of Commerce	0	\$0	1	\$135,437
DOD - Department of Defense	* 14	\$7,703,157	17	\$39,475,155
DOEd - Department of Education	5	\$2,614,878	10	\$2,583,524
DOE - Department of Energy	8	\$10,051,094	1	\$395,525
EPA - Environmental Protection Agency	3	\$124,625	3	\$318,701
HHS - Health & Human Services Department	19	\$8,987,918	27	\$16,452,690
USDI - Department of the Interior	2	\$40,278	7	\$1,667,687
NASA - National Aeronautics & Space Admin.	8	\$6,863,866	5	\$1,783,561
NSF - National Science Foundation	34	\$15,178,246	52	\$19,133,207
Office of Research & Development	1	\$99,539	0	\$0
USIA - U.S. Information Agency	<u>0</u>	<u>\$0</u>	<u>1</u>	<u>\$181,667</u>
*** TOTAL ***	181	\$61,543,130	197	\$89,786,792

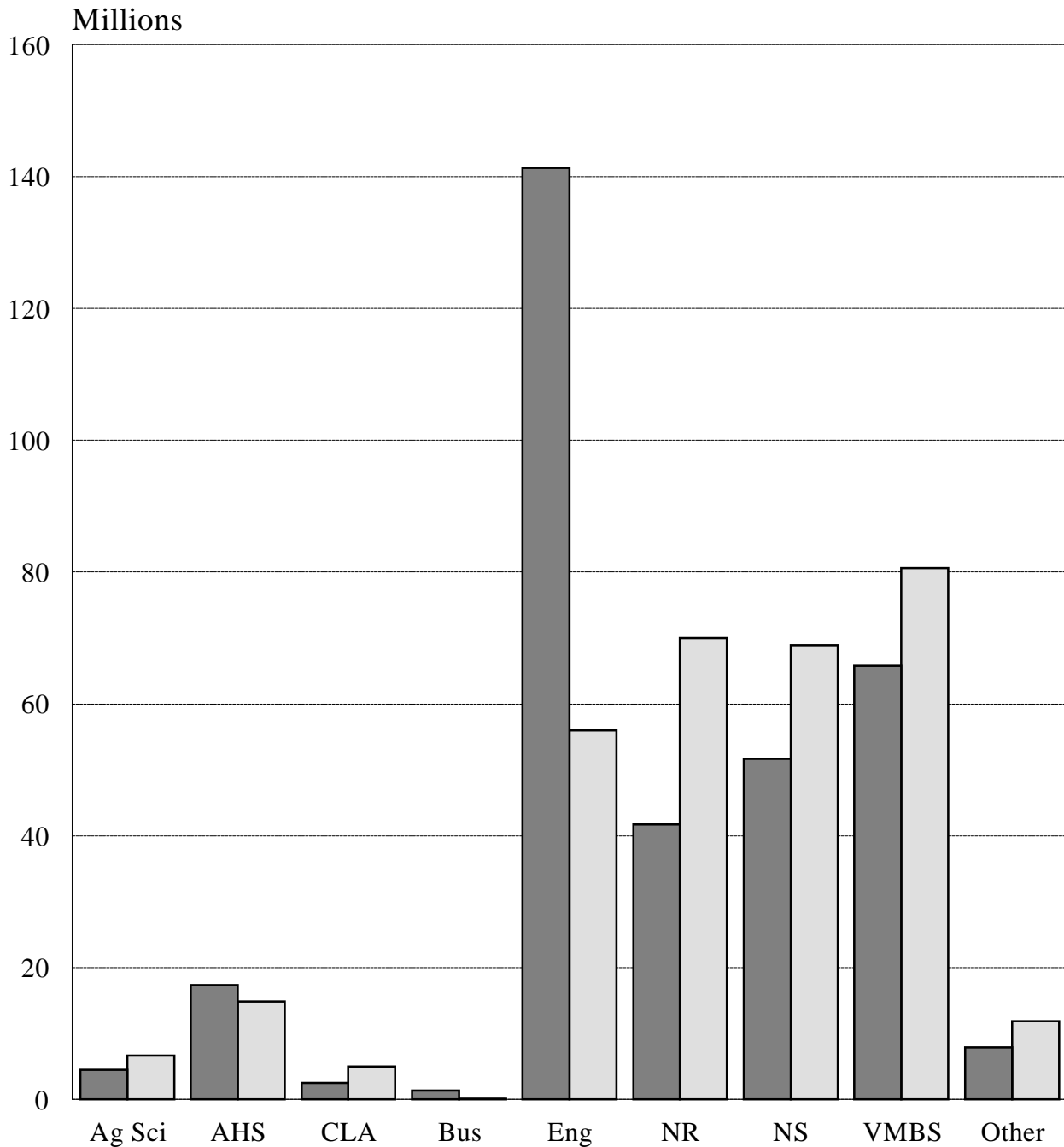
\* See Forward



# Proposals by College

## Comparison of Consecutive 12 Months

■ Recent 12 Months □ Previous 12 Months



January - December

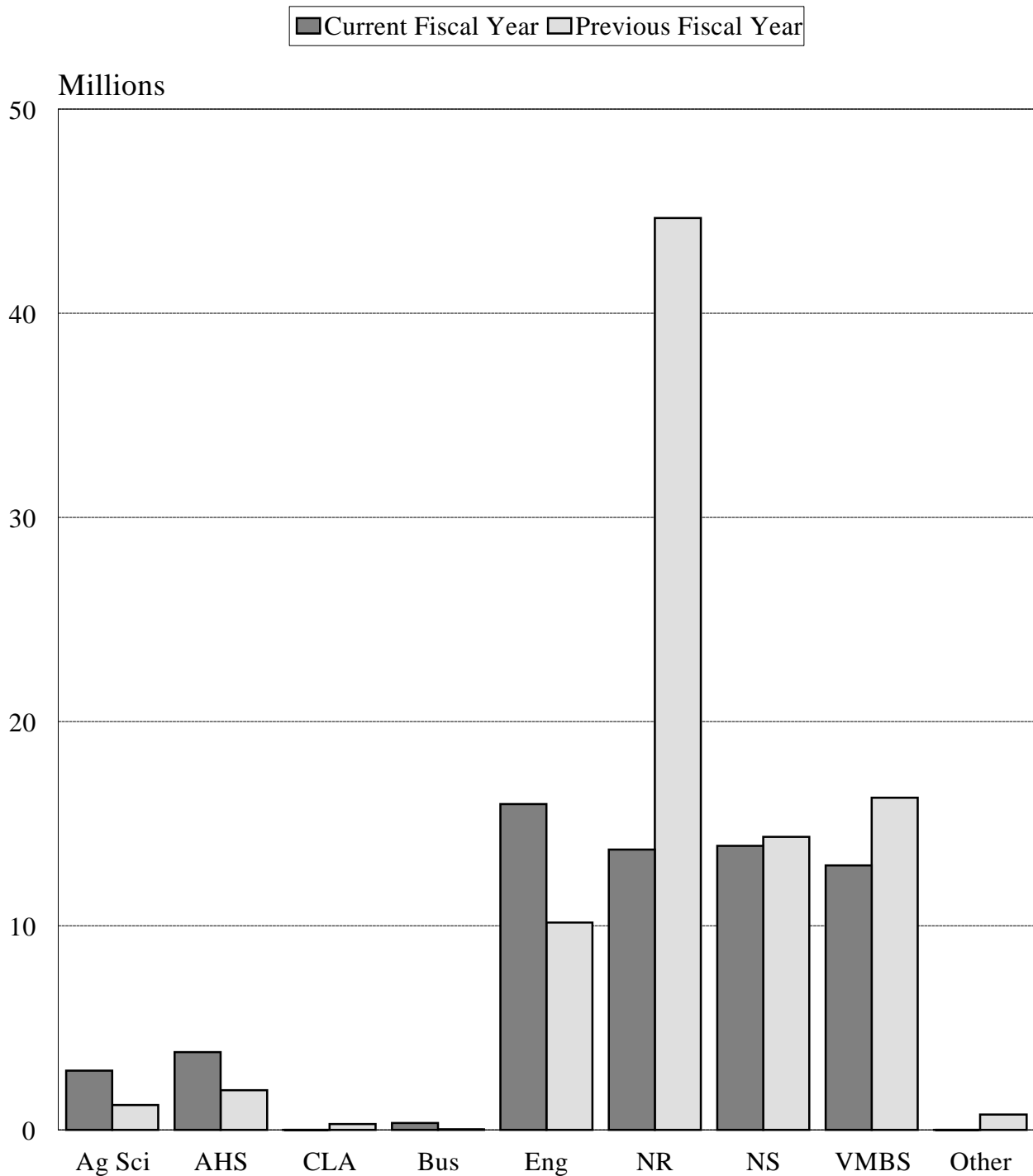
## Comparison Consecutive 12 Months Proposals to Same Period Previous Year

<u>College Name</u>	<b>01/01/95 - 12/31/95</b>		<b>01/01/94 - 12/31/94</b>	
	<u>Number</u>	<u>Amount</u>	<u>Number</u>	<u>Amount</u>
Ag Sci - Agricultural Sciences	42	\$4,550,721	60	\$6,694,079
AHS - Applied Human Sciences	38	\$17,396,237	59	\$14,866,290
CLA - Liberal Arts	11	\$2,564,563	17	\$5,027,082
Bus - Business	7	\$1,409,677	5	\$148,670
Eng - Engineering	* 199	\$141,284,058	205	\$56,002,608
NR - Natural Resources	* 144	\$41,694,353	104	\$70,039,309
NS - Natural Sciences	159	\$51,692,319	177	\$68,923,814
VMBS - Veterinary Med. & Bio. Sciences	164	\$65,757,964	189	\$80,613,854
Other - Other	<u>37</u>	<u>\$7,890,849</u>	<u>43</u>	<u>\$11,868,146</u>
*** TOTAL ***	801	\$334,240,741	859	\$314,183,852

\* See Forward

# Proposals by College for Quarter

## Comparison of Proposal Submissions



October - December

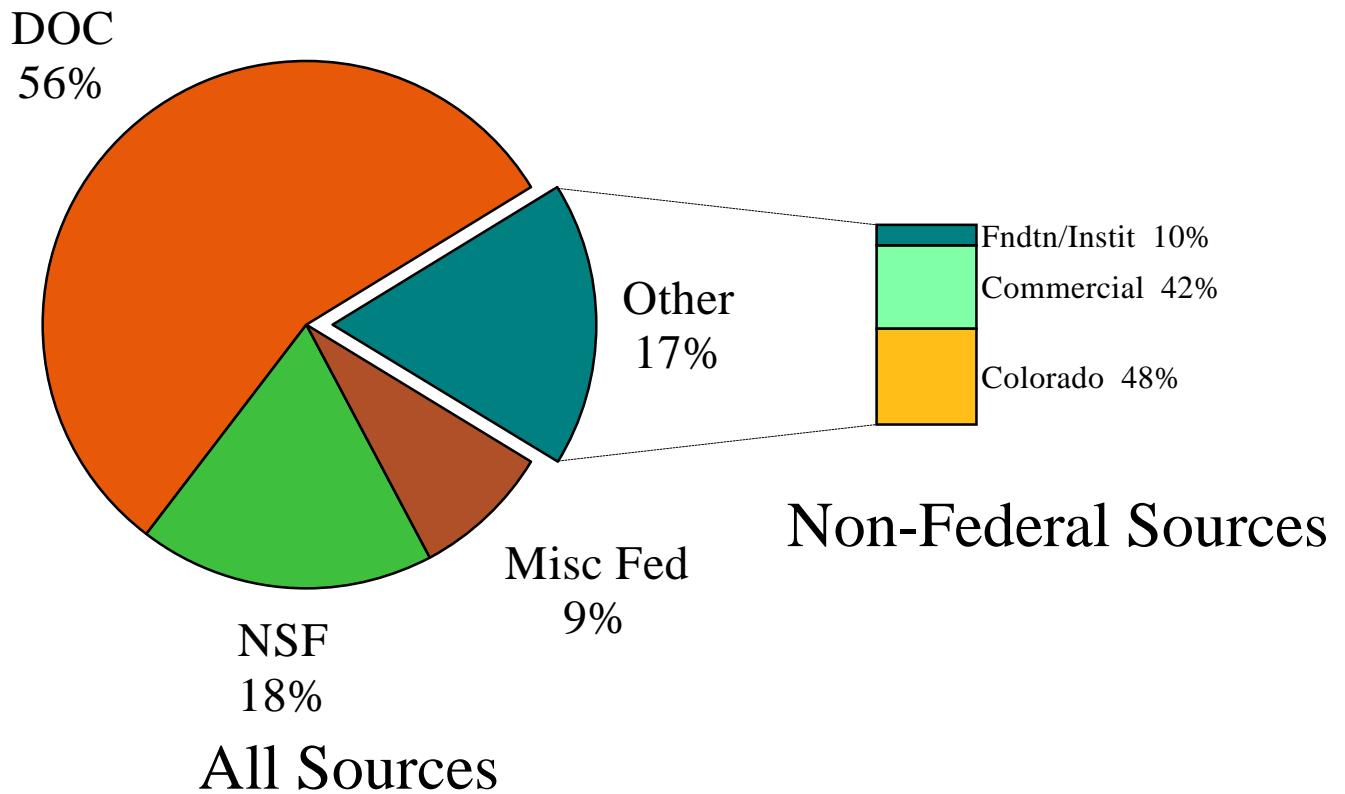
## Comparison of Current Quarter Proposals to Same Quarter Previous Fiscal Year

<u>College Name</u>	<b>10/01/95 - 12/31/95</b>		<b>10/01/94 - 12/31/94</b>	
	<u>Number</u>	<u>Amount</u>	<u>Number</u>	<u>Amount</u>
Ag Sci - Agricultural Sciences	9	\$1,624,016	10	\$1,229,301
AHS - Applied Human Sciences	8	\$2,915,823	10	\$1,958,394
CLA - Liberal Arts	3	\$15,316	3	\$302,579
Bus - Business	2	\$347,797	1	\$40,000
Eng - Engineering	48	\$15,971,035	50	\$10,172,162
NR - Natural Resources	* 27	\$13,750,777	26	\$44,674,237
NS - Natural Sciences	43	\$13,933,001	49	\$14,367,472
VMBS - Veterinary Med. & Bio. Sciences	39	\$12,971,765	44	\$16,277,602
Other - Other	<u>2</u>	<u>\$13,600</u>	<u>4</u>	<u>\$765,045</u>
*** TOTAL ***	181	\$61,543,130	197	\$89,786,792

\* See Foreward

# Proposals by Fund Source

Comparison Totals for Fiscal Year



July - December

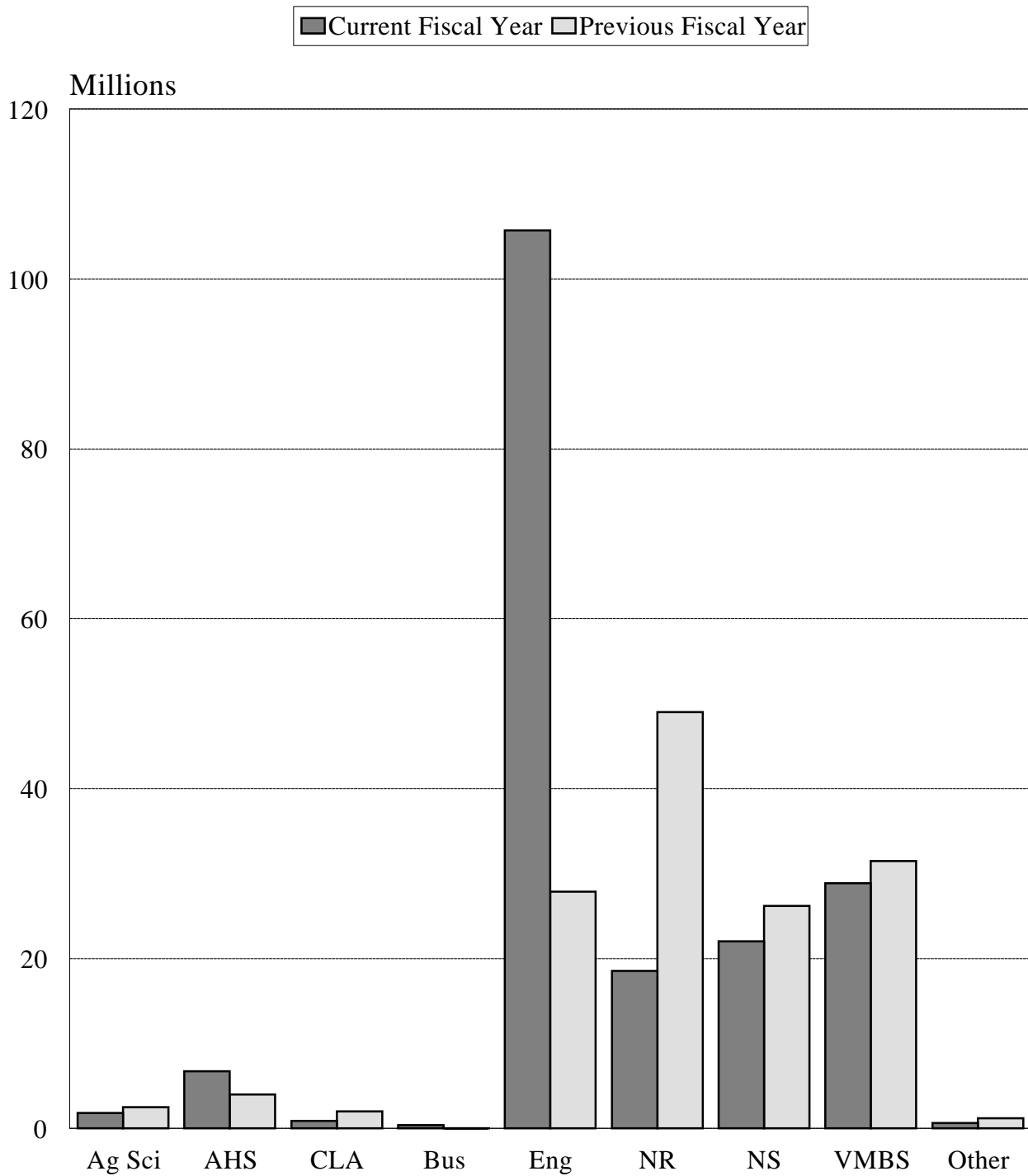
## Comparison Cumulative Fiscal Year Proposals to Same Period Previous Fiscal Year

<u>Sponsor Name</u>	<b>07/01/95 - 12/31/95</b>		<b>07/01/94 - 12/31/94</b>	
	<u>Number</u>	<u>Amount</u>	<u>Number</u>	<u>Amount</u>
Commercial	91	\$10,410,405	86	\$7,042,718
Foundations	26	\$2,402,501	17	\$730,770
Institutes	3	\$193,699	1	\$210,420
State of Colorado	28	\$12,011,569	33	\$7,867,055
USDA - Department of Agriculture	23	\$4,116,844	17	\$2,735,916
DOC - Department of Commerce	* 5	\$80,976,216	9	\$1,908,187
CNCS - Corporation for National & Community Srv	0	\$0	1	\$95,401
DOD - Department of Defense	* 30	\$10,177,625	42	\$48,847,796
DOEd - Department of Education	5	\$2,614,878	11	\$2,731,426
DOE - Department of Energy	* 9	\$10,440,415	9	\$3,433,348
EPA - Environmental Protection Agency	4	\$145,165	8	\$1,604,034
HHS - Health & Human Services Department	34	\$19,066,532	49	\$31,271,907
USDI - Department of the Interior	4	\$75,928	11	\$2,627,337
DOJ - Department of Justice	0	\$0	1	\$198,858
DOL - Department of Labor	0	\$0	1	\$462,078
NASA - National Aeronautics & Space Admin.	8	\$6,863,866	10	\$3,469,404
NEA - National Endowment for the Arts	0	\$0	2	\$75,000
NEH - Nat. Endowment for the Humanities	1	\$23,591	2	\$9,500
NSF - National Science Foundation	67	\$26,046,209	82	\$28,814,474
NRC - Nuclear Regulatory Commission	0	\$0	1	\$99,946
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 ***	339	\$185,664,982	395	\$144,483,765

\* See Forward

# Proposals by College for Quarter

## Comparison of Proposal Amounts by FY



July - December

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

<u>College Name</u>	<b>07/01/95 - 12/31/95</b>		<b>07/01/94 - 12/31/94</b>	
	<u>Number</u>	<u>Amount</u>	<u>Number</u>	<u>Amount</u>
Ag Sci - Agricultural Sciences	13	\$1,822,413	22	\$2,530,799
AHS - Applied Human Sciences	17	\$6,745,490	31	\$4,033,085
CLA - Liberal Arts	6	\$905,135	10	\$2,022,271
Bus - Business	3	\$390,297	1	\$40,000
Eng - Engineering	* 88	\$105,707,703	108	\$27,891,784
NR - Natural Resources	* 56	\$18,546,066	40	\$49,038,183
NS - Natural Sciences	74	\$22,025,385	91	\$26,223,884
VMBS - Veterinary Med. & Bio. Sciences	76	\$28,883,848	78	\$31,497,149
Other - Other	<u>6</u>	<u>\$638,645</u>	<u>14</u>	<u>\$1,206,610</u>
*** TOTAL ***	339	\$185,664,982	395	\$144,483,765

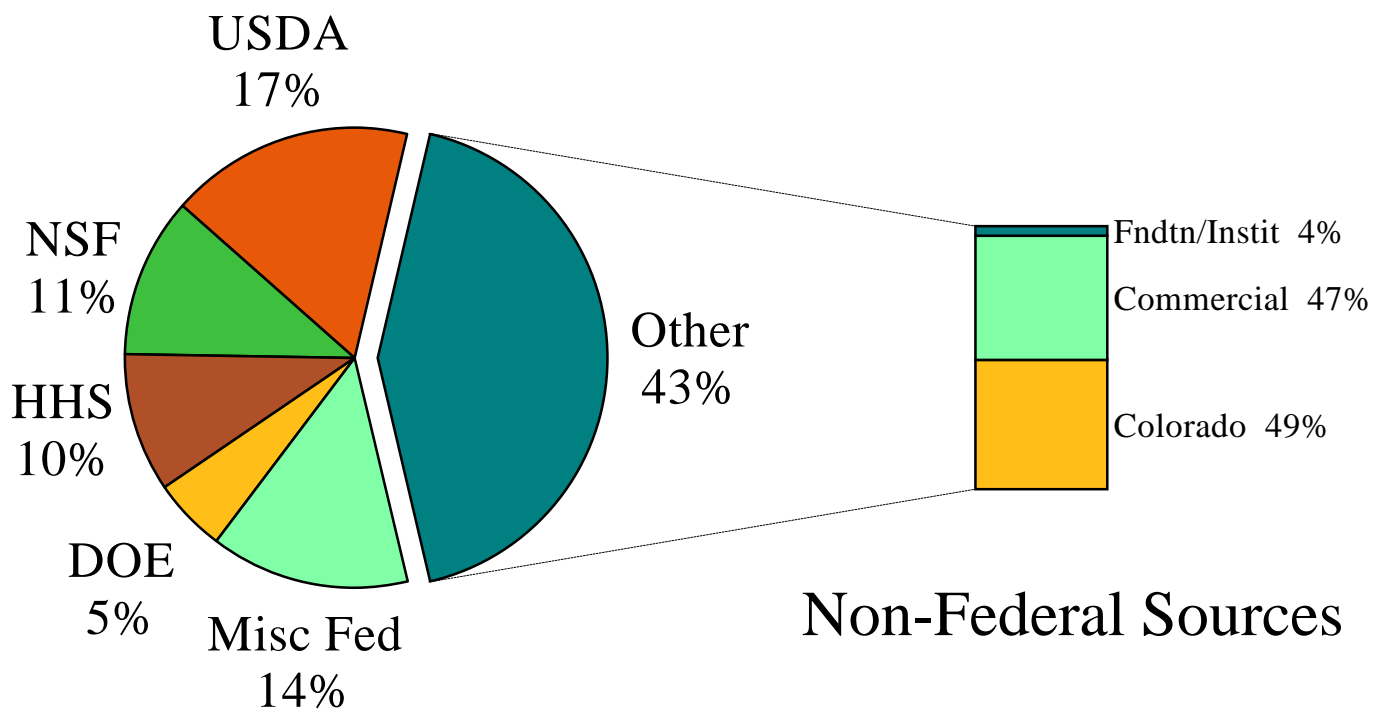
\* See Forward



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

# Awards by Fund Source

Quarter Ending December 1995



All Sources

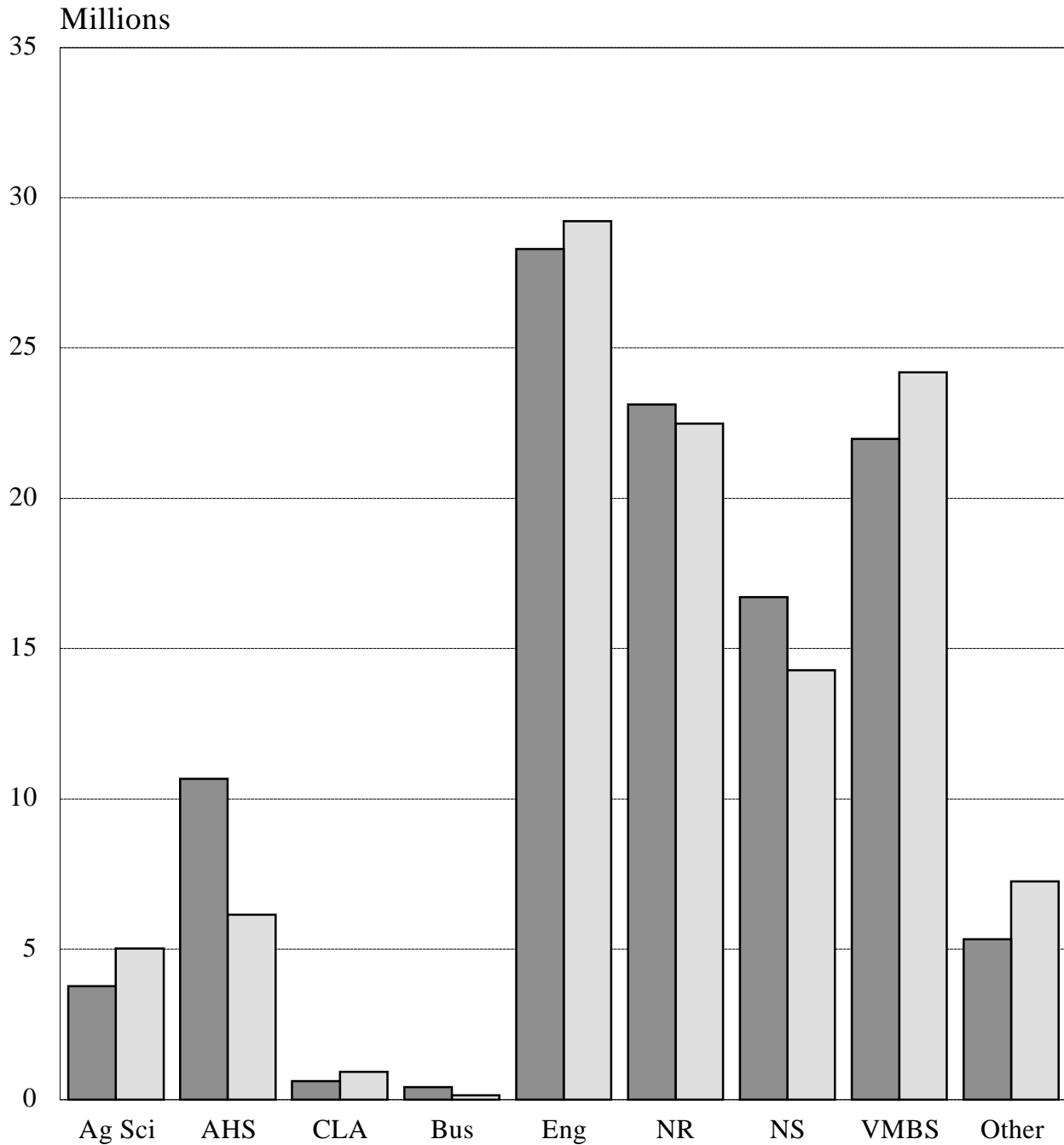
## Comparison of Current Quarter Awards to Same Quarter Previous Fiscal Year

<u>Sponsor Name</u>	<b>10/01/95 - 12/31/95</b>		<b>10/01/94 - 12/31/94</b>	
	<u>Number</u>	<u>Amount</u>	<u>Number</u>	<u>Amount</u>
Commercial	123	\$3,830,539	110	\$3,820,578
Foundations	8	\$67,483	5	\$47,490
Institutes	2	\$232,676	0	\$0
State of Colorado	66	\$3,999,429	62	\$2,156,964
Action / Peace Corps	1	\$13,700	2	\$13,400
USDA - Department of Agriculture	56	\$3,240,626	47	\$3,767,690
DOC - Department of Commerce	3	\$191,810	2	\$224,007
CNCS - Corporation for National & Community Srv	1	\$73,652	1	\$85,000
DOD - Department of Defense	8	\$712,382	17	\$2,059,606
DOEd - Department of Education	0	\$0	2	\$289,800
DOE - Department of Energy	7	\$1,003,535	8	\$1,250,024
EPA - Environmental Protection Agency	4	\$503,969	3	\$225,910
HHS - Health & Human Services Department	18	\$1,835,242	21	\$3,003,049
USDI - Department of the Interior	11	\$837,933	22	\$1,452,556
USEC - Enrichment Corporation	1	\$28,000	0	\$0
NASA - National Aeronautics & Space Admin.	1	\$35,000	13	\$578,577
NEH - Nat. Endowment for the Humanities	1	\$23,591	0	\$0
NSF - National Science Foundation	21	\$2,125,445	30	\$2,401,448
NRC - Nuclear Regulatory Commission	<u>0</u>	<u>\$0</u>	<u>1</u>	<u>\$28,000</u>
*** TOTAL ***	332	\$18,755,012	346	\$21,404,099

# Awards by College

## Comparison of Consecutive 12 Months

■ Recent 12 Months □ Previous 12 Months



January - December

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

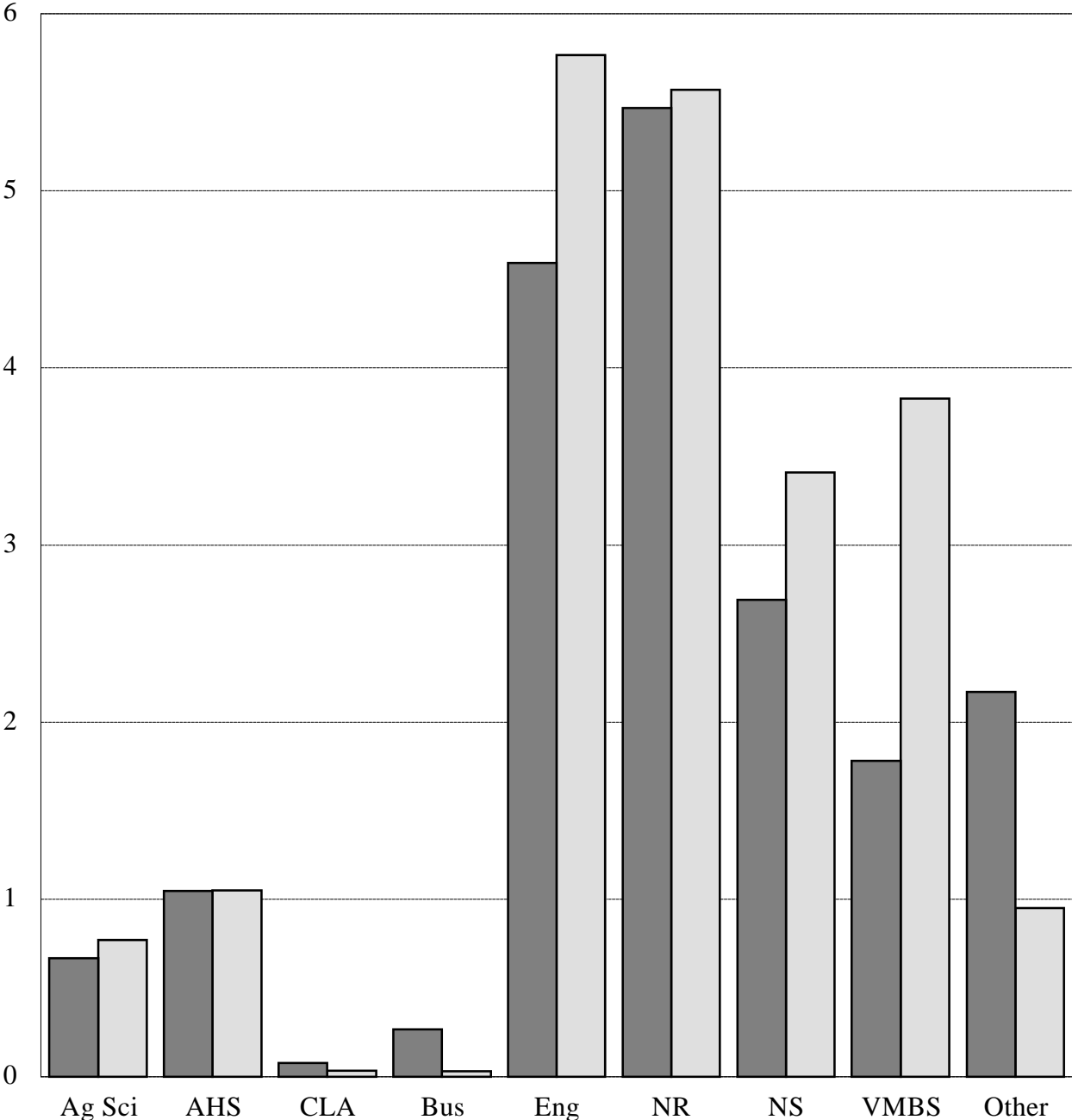
<u>College Name</u>	<b>01/01/95 - 12/31/95</b>		<b>01/01/94 - 12/31/94</b>	
	<u>Number</u>	<u>Amount</u>	<u>Number</u>	<u>Amount</u>
Ag Sci - Agricultural Sciences	216	\$3,774,683	218	\$5,026,198
AHS - Applied Human Sciences	92	\$10,659,518	90	\$6,151,283
CLA - Liberal Arts	16	\$616,723	16	\$923,881
Bus - Business	10	\$409,926	7	\$137,736
Eng - Engineering	329	\$28,301,215	379	\$29,226,049
NR - Natural Resources	367	\$23,124,819	324	\$22,480,716
NS - Natural Sciences	221	\$16,707,401	190	\$14,271,671
VMBS - Veterinary Med. & Bio. Sciences	238	\$21,966,296	232	\$24,182,909
Other - Other	<u>86</u>	<u>\$5,329,327</u>	<u>114</u>	<u>\$7,247,166</u>
*** TOTAL ***	1,575	\$110,889,908	1,570	\$109,647,609

# Awards by College for Quarter

## Comparison of Awards Received

■ Current Fiscal Year □ Previous Fiscal Year

Millions



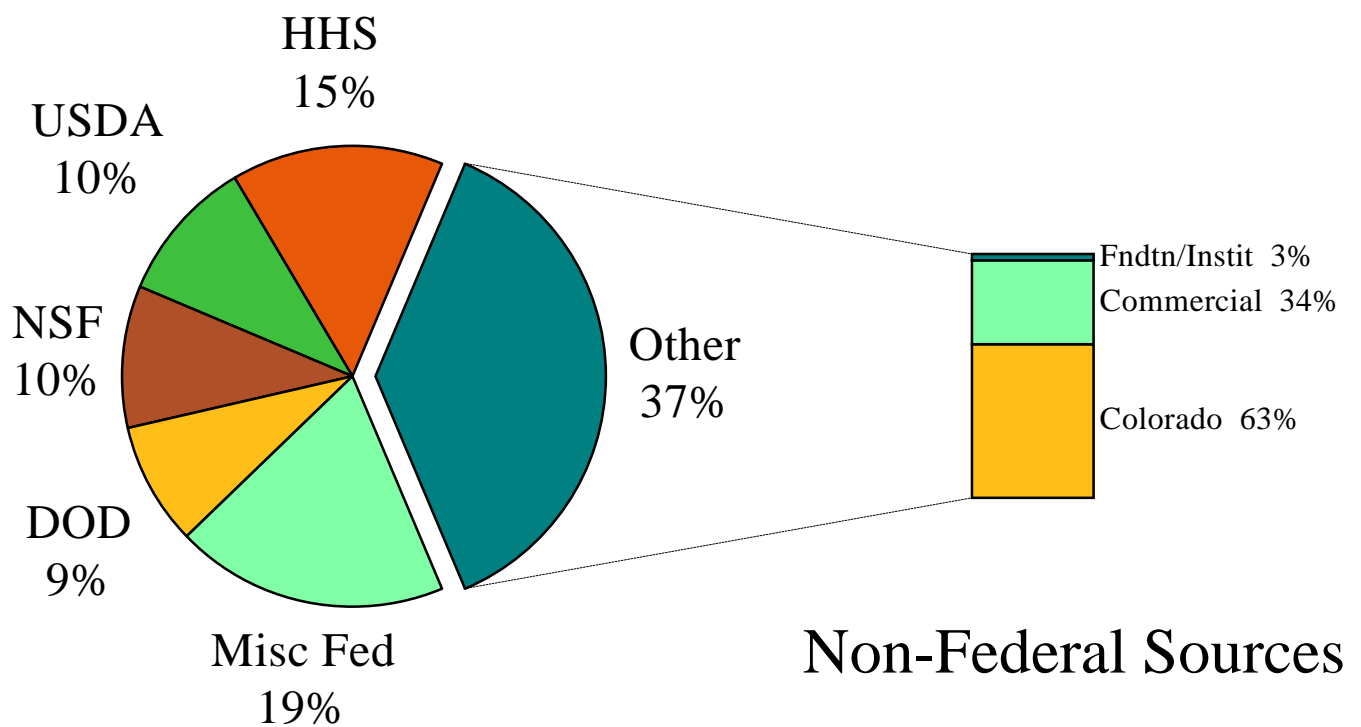
October - December

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

<u>College Name</u>	<b>10/01/95 - 12/31/95</b>		<b>10/01/94 - 12/31/94</b>	
	<u>Number</u>	<u>Amount</u>	<u>Number</u>	<u>Amount</u>
Ag Sci - Agricultural Sciences	49	\$666,987	50	\$769,883
AHS - Applied Human Sciences	22	\$1,046,581	31	\$1,049,492
CLA - Liberal Arts	3	\$75,991	2	\$31,503
Bus - Business	3	\$266,210	1	\$30,012
Eng - Engineering	61	\$4,591,913	84	\$5,766,711
NR - Natural Resources	73	\$5,465,452	54	\$5,568,520
NS - Natural Sciences	42	\$2,689,330	47	\$3,410,566
VMBS - Veterinary Med. & Bio. Sciences	50	\$1,781,025	42	\$3,826,178
Other - Other	<u>29</u>	<u>\$2,171,523</u>	<u>35</u>	<u>\$951,234</u>
*** TOTAL ***	332	\$18,755,012	346	\$21,404,099

# Awards by Fund Source

Comparison Award Amounts by Fiscal Year



All Sources

July - December



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

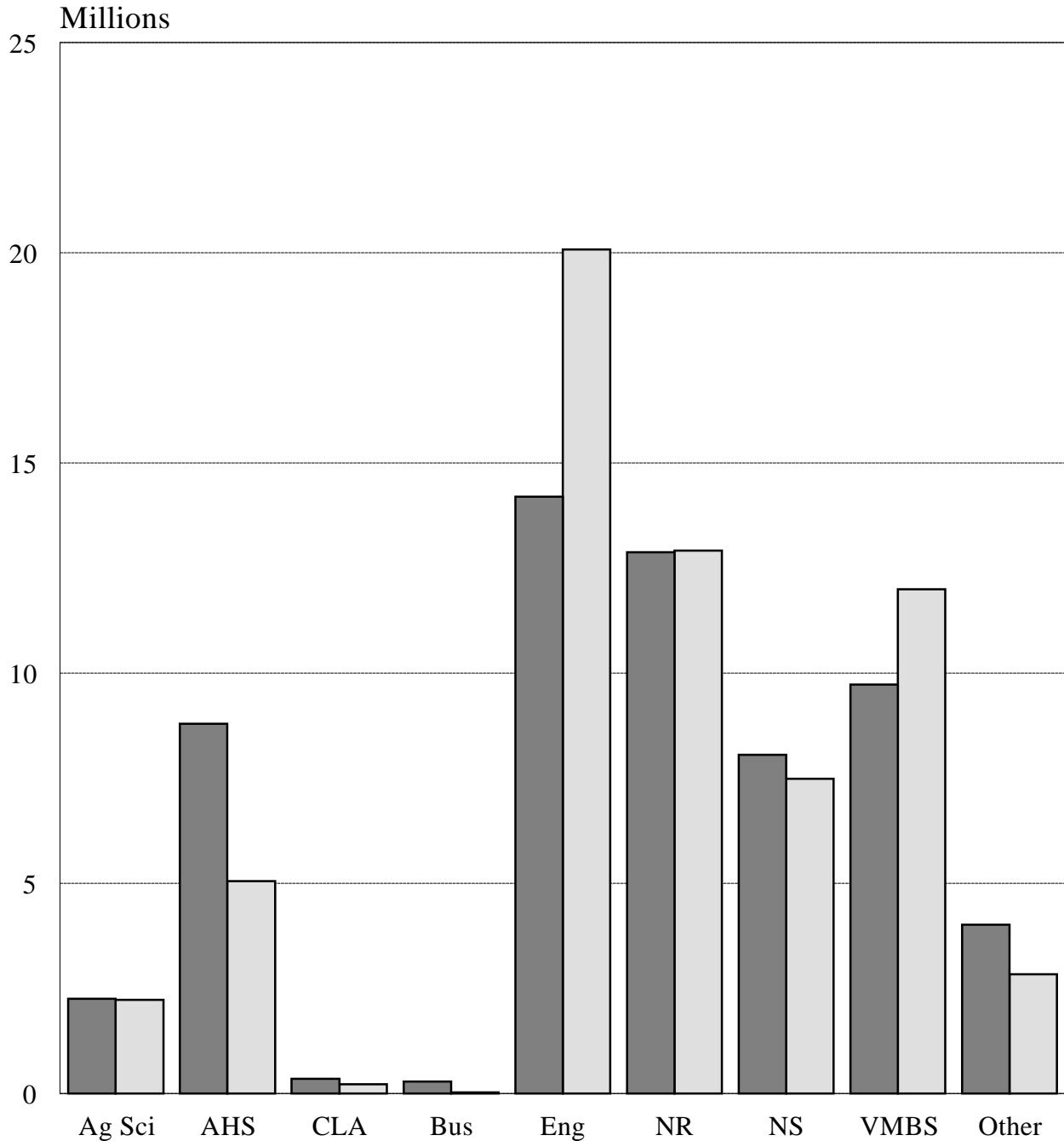
<u>Sponsor Name</u>	<b>07/01/95 - 12/31/95</b>		<b>07/01/94 - 12/31/94</b>	
	<u>Number</u>	<u>Amount</u>	<u>Number</u>	<u>Amount</u>
Commercial	259	\$7,926,596	252	\$7,075,293
Foundations	13	\$103,193	18	\$371,910
Institutes	6	\$486,865	6	\$1,105,759
State of Colorado	* 121	\$14,207,492	113	\$8,397,341
Action / Peace Corps	1	\$13,700	2	\$13,400
USDA - Department of Agriculture	130	\$6,261,447	118	\$8,548,033
DOC - Department of Commerce	14	\$2,847,465	12	\$2,026,013
CNCS - Corporation for National & Community Srv	1	\$73,652	1	\$85,000
DOD - Department of Defense	* 38	\$5,281,445	38	\$7,487,858
DOEd - Department of Education	5	\$794,516	12	\$2,000,738
DOE - Department of Energy	19	\$2,459,338	19	\$2,206,961
EPA - Environmental Protection Agency	11	\$904,999	8	\$544,903
HHS - Health & Human Services Department	65	\$8,906,725	62	\$10,964,419
USDI - Department of the Interior	56	\$2,562,124	63	\$3,775,282
USEC - Enrichment Corporation	1	\$28,000	0	\$0
DOL - Department of Labor	1	\$471,000	1	\$462,078
NASA - National Aeronautics & Space Admin.	12	\$1,358,941	23	\$1,653,182
NEH - Nat. Endowment for the Humanities	1	\$23,591	1	\$10,000
NSF - National Science Foundation	52	\$5,896,580	66	\$5,785,492
NRC - Nuclear Regulatory Commission	0	\$0	1	\$28,000
RTT - Office of Resources, Training & Technology	0	\$0	1	\$66,193
DOT - Department of Transportation	0	\$0	3	\$198,016
TVA - Tennessee Valley Authority	<u>0</u>	<u>\$0</u>	<u>1</u>	<u>\$75,380</u>
*** TOTAL ***	806	\$60,607,669	821	\$62,881,251

\* See Foreward

# Awards by College

## Comparison Award Amounts by Fiscal Year

■ Current Fiscal Year □ Previous Fiscal Year



July - December

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

<u>College Name</u>	<b>07/01/95 - 12/31/95</b>		<b>07/01/94 - 12/31/94</b>	
	<u>Number</u>	<u>Amount</u>	<u>Number</u>	<u>Amount</u>
Ag Sci - Agricultural Sciences	121	\$2,255,050	120	\$2,232,230
AHS - Applied Human Sciences	* 43	\$8,805,967	52	\$5,054,557
CLA - Liberal Arts	8	\$352,035	9	\$224,777
Bus - Business	6	\$290,024	1	\$30,012
Eng - Engineering	* 148	\$14,199,423	204	\$20,081,781
NR - Natural Resources	196	\$12,883,455	166	\$12,923,690
NS - Natural Sciences	105	\$8,066,291	97	\$7,488,179
VMBS - Veterinary Med. & Bio. Sciences	121	\$9,731,332	115	\$12,003,562
Other - Other	<u>58</u>	<u>\$4,024,092</u>	<u>57</u>	<u>\$2,842,463</u>
*** TOTAL ***	806	\$60,607,669	821	\$62,881,251

\* See Foreward

## Section II

Proposals Submitted for Current Quarter

College: Agricultural Sciences -- Proposals

Title	Principal Investigator	Department / Sponsor Name	Dates	Key # / \$ Amt
Development of Alternative Cropping Systems for Southwestern Colorado & Southeastern Utah	Berrada,Abdelfettah Peterson,Gary A	South Western Colorado Ag. Res. Ctr. USDA-CSRS-SARE-Sust Agri Res & Educ Prog	07/01/96- 06/30/99	95121901 \$171,820
Reducing Environmental Contamination from Feedlot Manure in the South Platte River Basin...	Davis,Jessica G Allredge,Jerry K	Soil & Crop Sciences USDA-CSRS-SARE-Sust Agri Res & Educ Prog	10/01/96- 09/30/99	95121801 \$281,772
Gene Organization in Barley	Lapitan,Nora Knudson,Dennis L	Soil & Crop Sciences USDA-CSRS-CGP-Competitive Grants Program	07/01/96- 06/30/99	95129101 \$321,645
Improving Manure Management to Protect Water Quality in the Southwestern U.S.	Davis,Jessica G	Soil & Crop Sciences USDA-CSRS-SARE-Sust Agri Res & Educ Prog	10/01/96- 09/30/98	95131401 \$111,297
Marker Assisted Introgression of Bacterial Ring Rot Immunity Into Potato	Ishimaru,Carol A Lapitan,Nora	Plant Pathology & Weed Science USDA-CSRS-CGP-Competitive Grants Program	07/01/96- 06/30/98	95128901 \$217,157
Elicitation of the HR by Clavibacter michiganensis subsp. sepedonicus in Tobacco...	Ishimaru,Carol A	Plant Pathology & Weed Science USDA-CSRS-CGP-Competitive Grants Program	07/01/96- 07/31/98	95132801 \$193,950
Evaluation of Commercially Formulated Beauveria bassiana (Mycotrol) Against Colepteran...	Kinney,Karl K Rieske,Lynne K	Entomology US Department of Agriculture	04/01/96- 12/31/96	95115301 \$12,449
Mosquito Genomics Database	Knudson,Dennis L	Entomology MacArthur Foundation	10/01/95- 09/30/98	95116601 \$90,440
Sustaining Production Agriculture in Rapidly Suburbanizing Areas: Irrigated Alfalfa...	Peairs,Frank B	Entomology USDA-CSRS-SARE-Sust Agri Res & Educ Prog	03/01/96- 02/28/99	95121601 \$223,486

College: Applied Human Sciences -- Proposals

Title	Principal Investigator	Department / Sponsor Name	Dates	Key # / \$ Amt
Fostering School Success Through Family & Teacher Support	Fritz,Janet J Miller-Heyl,Janet L	Human Development & Family Studies US Department of Education	08/01/96- 07/31/99	96001801 \$683,143
Energy Expenditure & Fat Oxidation in Black Compared to White Women	Melby,Christopher L	Food Science & Human Nutrition USDA-CSRS-CGP-Competitive Grants Program	09/01/96- 08/31/99	95132901 \$303,981
Hot Water Immersion Pasteurization of Raw Processed Broiler Chicken Carcasses...	Avens,John S	Food Science & Human Nutrition Southeastern Poultry & Egg Association	05/15/96- 02/15/97	96001401 \$18,690
Return to Employment & Independence (REI)	Sample,Pat L Schelly,Catherine L	Occupational Therapy DE-Special Education & Rehab. Services	06/01/96- 05/31/99	95132401 \$573,138
Site-Based Training in Assistive Technology for Rural Schools (R-STAT)	Spencer,Karen Clark	Occupational Therapy DE-Special Education & Rehab. Services	08/01/96- 07/31/99	95132501 \$597,962
Bridges to Productive Adult Outcomes (Bridges)	Schelly,Catherine L Kothe,Julia M	Occupational Therapy DE-Special Education & Rehab. Services	06/01/96- 05/31/99	95132601 \$601,103
Physical Activity & Homocysteine	Gotshall,Robert Sampson,David A	Exercise & Sport Science American Heart Association of Colorado	07/01/95- 06/30/97	95124701 \$58,562
Pollution Prevention: Cars, Culture & Cures	Bohren,Lenora Wolff,Birgit H	Industrial Sciences EPA-Environmental Educ & Training Prog	07/01/96- 06/30/97	95136501 \$79,244

College: Liberal Arts -- Proposals

Title	Principal Investigator	Department / Sponsor Name	Dates	Key # / \$ Amt
Hatton Gallery - Fall Semester Exhibitions	Frickman,Linda G	Art City of Fort Collins - Fort Fund	09/09/96- 11/22/96	95135101 \$4,000
Korea's Chinese Population	Olivier,Bernard V	History Chiang Ching-Kuo Foundation	06/01/96- 07/31/96	95111001 \$6,900
Outdoor Cafe Theatre of the Colorado State University Theatre	Burns,Morris U	Music, Theatre & Dance City of Fort Collins - Fort Fund	06/25/96- 07/27/96	96001501 \$4,416

College: Business -- Proposals

Title	Principal Investigator	Department / Sponsor Name	Dates	Key # / \$ Amt
1996 Seat Belt Usage Survey	Hivner,Walter A	Inst. for Transportation Management Colorado Department of Transportation	11/01/95- 09/30/96	95111401 \$54,000
U.S. West Small Business Technical Services Center	Hoxmeier,John A	Computer Information Systems U.S. West Foundation	04/01/96- 04/01/97	95122801 \$293,797



College: Engineering -- Proposals

<b>Title</b>	<b>Principal Investigator</b>	<b>Department / Sponsor Name</b>	<b>Dates</b>	<b>Key # / \$ Amt</b>
Colorado Alliance for Minority Participation (CO-AMP)	El-hakim,Omnia I Stein,Fredrick M	Dean of Engineering NSF-EHR-Education & Human Resources	06/15/96- 06/15/01	95113601 \$5,000,000
Decision Support Framework to Reduce Nitrate Contamination of Groundwater	Garcia,Luis	Chemical & Bioresource Engineering USDA-CSRS-SARE-Sust Agri Res & Educ Prog	01/01/96- 12/31/98	95122201 \$363,325
Evaluation of the Effects of Physical Parameterization on the OPF in Regional/Mesoscale...	Cotton,William R Pielke,Roger A	Atmospheric Science NSF-MPS-Mathematical & Physical Sciences	03/01/96- 02/28/98	95119001 \$225,873
Investigation of the Effect of Vertical Wind Shear on Tropical Cyclone Intensification	Pielke,Roger A Nicholls,Melville E	Atmospheric Science NSF-MPS-Mathematical & Physical Sciences	04/01/96- 03/31/00	95121301 \$411,519
Large Eddy Simulation of Corner Conical Vortices on Building Roofs	Pielke,Roger A Nicholls,Melville E	Atmospheric Science NSF - Engineering Grant	05/01/96- 04/30/99	95124801 \$302,246
Development of Coupled Aqueous Chemistry/ Microphysics Model	Kreidenweis,Sonia M	Atmospheric Science MCNC University of North Carolina	08/01/96- 07/31/99	95128401 \$51,851
Regional & Global Scale Integration of Terrestrial Carbon Flux Data from NIGEC Tower...	Randall,David A Randall,A Scott	Atmospheric Science US Department of Energy	07/01/96- 06/30/99	95130301 \$284,917
Global & Regional Modeling of the Atmospheric Hydrological Cycle Using Water Vapor Det...	Randall,David A	Atmospheric Science Calif. Inst. of Tech/Jet Propulsion Lab	07/01/96- 06/30/99	95130401 \$105,175
Atmospheric Tracer Transport Model Intercomparison Project (TRANSCOM)	Randall,David A Denning,A Scott	Atmospheric Science University of New Hampshire	01/01/96- 12/31/96	95132101 \$25,000
Use of EOS Data in Conjunction with Meteorological-Ecological Modeling to Assess Land-...	Pielke,Roger A Liston,Glen E	Atmospheric Science National Aeronautics & Space Admin.	05/01/96- 04/30/99	95133501 \$688,514
Retrieval of Cirrus Cloud Optical Properties using Multichannel MODIS Measurements	Stephens,Graeme L	Atmospheric Science National Aeronautics & Space Admin.	04/01/96- 03/31/01	95136101 \$1,528,126
Water Vapor in the Climate System	Stephens,Graeme L Vonderhaar,Thomas H	Atmospheric Science National Aeronautics & Space Admin.	04/01/96- 03/31/99	95137401 \$1,138,970
Diatomaceous Earth Filtration of Cryptosporidium Parvum Oocysts	Hendricks,David W	Civil Engineering International Diamomite Producers	01/01/96- 12/31/96	95111301 \$132,958
Woody Vegetation Effects on Channel Flow Resistance	Abt,Steven R	Civil Engineering DOD-ARMY-ARO-Army Research Office	06/01/96- 05/31/99	95116201 \$88,334
Croke Canal Rehabilitation Project	Labadie,John W Gates,Timothy K	Civil Engineering Gronning Engineering	11/01/95- 02/15/96	95116501 \$18,454
Bendway Weir Design Guidance	Watson,Chester C	Civil Engineering DOD-ARMY-Corps of Engineers	11/01/95- 10/31/96	95119701 \$11,963
Uncertainty & Risk Analysis Under Extreme Hydrologic Events	Salas,Jose D Boes,Duane C	Civil Engineering NSF - Engineering Grant	07/01/96- 06/30/99	95121001 \$363,014
Kansas City Stream Restoration Workshop	Watson,Chester C	Civil Engineering Illinois State Water Survey	10/01/95- 12/31/95	95121701 \$8,693
Development of an Integrated System of Flow Forecasting for the Maule R. Basin, Chile	Diaz,Gustavo E Salas,Jose D	Civil Engineering Catholic University of Chile	01/01/96- 06/30/97	95122001 \$156,646
Wind-tunnel Study - Dispersion of Vent Emissions, Porter Building, University of Colorado	Cermak,Jack E Neff,David E	Civil Engineering Oz Architecture	12/01/95- 03/31/96	95122401 \$29,626

College: Engineering -- Proposals

<b>Title</b>	<b>Principal Investigator</b>	<b>Department / Sponsor Name</b>	<b>Dates</b>	<b>Key # / \$ Amt</b>
Application of Statistical Dynamical Water Balance Model to Regional Scale Integrate...	Ramirez,Jorge A	Civil Engineering US Department of Energy	07/01/96- 06/30/99	95129501 \$237,445
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	95129601 \$105,342
Response of Atmospheric Convection & Regional Surface Hydrologic Processes to Variation...	Ramirez,Jorge A	Civil Engineering University of Colorado	07/01/96- 06/30/99	95129701 \$115,086
Validation of Soil Moisture Boundary Layer Interactions in a Coupled Regional Model...	Ramirez,Jorge A	Civil Engineering National Aeronautics & Space Admin.	07/01/96- 06/30/99	95129801 \$136,938
Computer Modeling of Two Crossings on the Mississippi River	Gessler,Daniel Watson,Chester C	Civil Engineering DOD-ARMY-Corps of Engineers	02/01/96- 01/31/97	95130901 \$70,271
Colorado Transportation Information Program	Ariniello,Alex Grigg,Neil S	Civil Engineering Colorado Department of Transportation	01/01/96- 12/31/96	95131001 \$201,000
Development of a Decision Support System for Economic Stream-Aquifer Management in the N. Platte...	Labadie,John W	Civil Engineering North Platte Valley Water Coalition	01/01/96- 06/30/97	95135801 \$299,236
Validation of Design Data on Pressure Loss of Pipe Fittings	Abt,Steven R Brisbane,Thomas E	Civil Engineering ASHRAE-Amer Soc. of Heat.- Refrig -Air	04/01/96- 06/30/97	95137101 \$97,559
Science & Technology to Save & Better Utilize Central & Eastern Europe's Forests	Gutkowski,Richard M	Civil Engineering NATO-North Atlantic Treaty Organization	07/01/96- 07/31/96	96001601 \$59,800
Eigen-decomposition Techniques for Near-field Localization & Signal Extraction in Sensor...	Shamsunder,Sanyogita	Electrical Engineering NSF-CISE-Computer & Info Sci & Engin	06/01/96- 05/31/00	95117301 \$197,865
Validation of Dual-Polarized Radar Signatures Using Instrumented Vans	Bringi,Viswanathan N	Electrical Engineering DOD-USAF-Office of Scientific Research	05/01/96- 08/31/98	95118901 \$81,550
An Integrated Engineering Systems & Controls Laboratory	Young,Peter	Electrical Engineering NSF-EHR-Education & Human Resources	06/01/95- 11/30/96	95122901 \$89,996
Fault Diagnosis Using IDDQ Testing	Tong,Qiao	Electrical Engineering CASI-Colorado Advanced Software Inst.	07/01/96- 08/31/97	95125601 \$45,829
Microwave Real-time On-line Inspection of Hot Rolled Steel Surfaces	Zoughi,Reza Azimi-Sadjadi,M R	Electrical Engineering USX U.S. Steel Corporation	01/01/96- 12/31/97	95128301 \$1,116,779
Research on Optoelectronic Systems	Wilmsen,Carl W	Electrical Engineering NSF-SBE-Social, Behav & Econ Sciences	07/01/96- 06/30/99	95135501 \$22,524
Modeling & Experiments to Develop a Multi-Mode Sensor	Peterson,Michael	Mechanical Engineering NSF - Engineering Grant	09/01/96- 08/30/00	95113501 \$200,000
Education & Research Career Development Plan	James,Susan P	Mechanical Engineering NSF - Engineering Grant	08/15/96- 08/14/00	95116001 \$200,000
Solar Domestic Hot Water Systems for Low Income Housing	Troxell,Wade O	Mechanical Engineering Colorado Campus Compact	11/01/95- 05/31/96	95117401 \$3,268
Variable Focus 3D Laser Digitizer Development	Alciatore,David	Mechanical Engineering Office of Research & Development	05/01/96- 12/31/97	95117501 \$99,539
Study of Cold-start Hydrocarbon Emissions Using a Novel Fiber Optic Technique	Willson,Bryan D Puzinauskas,Paulius	Mechanical Engineering Sandia Corporation/Sandia National Lab.	01/15/96- 01/15/98	95120201 \$640,549

College: Engineering -- Proposals

Title	Principal Investigator	Department / Sponsor Name	Dates	Key # / \$ Amt
Integrated Compound Parabolic Collectors - Design Refinement, Assembling & Evaluation	Duff,William S Smith,Frederick W	Mechanical Engineering Solar Enterprises International, LLC	12/10/95- 08/10/96	95122301 \$28,760
Composite Materials for Shielding of High Energy Space Radiation	Radford,Donald W Sadeh,Willy Z	Mechanical Engineering National Aeronautics & Space Admin.	03/01/96- 02/28/98	95129401 \$250,000
SCAMP Production Development Plan (Supercritical Air Mobility Pack)	Troxell,Wade O	Mechanical Engineering CAMI-Advanced Materials Institute/Colo.	03/01/96- 02/28/97	95130001 \$100,000
Advanced Techniques for Calculating Daylighting & Solar Heat Gain	Burns,Patrick J	Mechanical Engineering ASHRAE-Amer Soc. of Heat.-Refrigeration	03/01/96- 02/28/98	95137601 \$147,563
UCAR Visiting Scientist Position for COMET	Kelsch,Matthew Vonderhaar,Thomas H	CIRA Admin Unit UCAR-NCAR-COMET Atmospheric Tech. Divis.	11/01/95- 09/30/96	95117201 \$17,125
Observed Relationships Between the Earth Radiation Budget & Liquid Water Path for Low-Level...	Greenwald,Thomas J	CIRA Admin Unit National Aeronautics & Space Admin.	04/01/96- 03/31/99	95130501 \$244,568
A Physical Approach to Derive Integrated Water Vapor & Cloud Liquid Water from AMSR Measurements...	Vonderhaar,Thomas H	CIRA Admin Unit NASDA-Nat. Space Dev. Agency of Japan	04/01/96- 03/31/98	95137201 \$122,757
Detection of Lower Tropospheric Aerosols & Cloud Parameters from GLI Sensor Data	Vonderhaar,Thomas H	CIRA Admin Unit NASDA-Nat. Space Dev. Agency of Japan	04/01/96- 03/31/98	95137301 \$104,482

College: Natural Resources -- Proposals

<b>Title</b>	<b>Principal Investigator</b>	<b>Department / Sponsor Name</b>	<b>Dates</b>	<b>Key # / \$ Amt</b>
Integrated Training Area Management for Systems Research & Applications	Shaw,Robert B	Forest Sciences Systems Research & Applications Corp	11/01/95- 02/28/96	95120801 \$32,142
Army Training Land & Natural Resources Characterization, Risk Assessment, & Management	Grier,Charles C Child,Dennis R	Forest Sciences DOD-ARMY-CERL-Const. Engineer. Res. Lab.	01/01/96- 12/31/98	95121101 \$5,565,880
ITAM Advisor, Military Training Operations & Environmental Support for USAEC	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	11/10/95- 11/09/96	95122601 \$98,111
Alien Plant Control, Pohakuloa Training Area, Hawaii	Shaw,Robert B	Forest Sciences Brewer Environmental Industries	01/08/96- 03/29/96	95126301 \$48,742
Identifying Management Units within the Ecosystem Management Paradigm	Dean,Denis J Laituri,Melinda	Forest Sciences USDA-CSRS-CGP-Competitive Grants Program	09/10/96- 09/09/99	95129001 \$195,041
Environmental Education for Ecosystem Management on Communally Owned Lands in Mexico	Bettters,David R	Forest Sciences Environmental Protection Agency	10/01/96- 09/30/97	95131901 \$34,095
Spatial Optimization with Applications to Natural Resource Management	Dean,Denis J	Forest Sciences NSF-GEO-Geosciences	08/01/96- 08/01/01	95135201 \$269,879
El Paso County Level 1 Biological Inventory	Pague,Christopher A	Fishery & Wildlife Biology El Paso County Parks	12/15/95- 12/31/96	95134901 \$19,800
Biotic & Abiotic Controls on Detrital Processing in Tropical Coastal Streams	Covich,Alan P	Fishery & Wildlife Biology NSF-Biological Centers	07/01/96- 06/30/99	95135401 \$309,092
A Stochastic Spatial Model of the Black-Capped Vireo on Fort Hood, Texas	Bonham,Charles D	Rangeland Ecosystem Science DOD-ARMY-ARO-Army Research Office	06/01/96- 05/31/99	95121201 \$98,743
Effects of Water Availability on Net Primary Production & Ecosystem Carbon Balance...	Lauenroth,William K Burke,Ingrid C	Rangeland Ecosystem Science US Department of Energy	07/01/96- 06/30/99	95129201 \$553,198
Intercontinental Comparison of Land-use & Global Change Effects on Temperate Ecosystems	Lauenroth,William K Burke,Ingrid C	Rangeland Ecosystem Science National Aeronautics & Space Admin.	07/01/96- 06/30/99	95129301 \$931,868
Nitrogen Dynamics in Primary Successional Communities on the Pumice Plain at Mount St. Helens...	Childress,Michael W Mclendon,Terry	Rangeland Ecosystem Science NSF-Biological Centers	10/01/96- 10/01/00	95134601 \$795,454
Infusing Environmental Education into Math Curriculum	Wells,Marcella A	Nat Resource Recreation & Tourism EPA-Environmental Educ & Training Prog	10/01/96- 05/31/97	95136601 \$11,286
Sediment Monitoring Techniques & Site Prioritization for Fort Carson, Colorado	Stednick,John D Macdonald,Lee H	Earth Resources DOD-ARMY	01/01/96- 06/30/97	95125701 \$97,833
Baselevel Rise & Its Effect on Facies Architecture & Heterogeneity in Modern Braided... 190Pt - 186Os Test of Core-Mantle Interaction	Ethridge,Frank G Schumm,Stanley A Hannah,Judith L	Earth Resources NSF-GEO-Geosciences Earth Resources NSF-GEO-Geosciences	06/01/96- 05/30/98 04/01/96- 03/31/97	95128801 \$119,311 96001701 \$55,000
Metelopment & Validation of a Multi-Metric Index to Assess the Effects of Heavy Metals...	Clements,William H	Cooperative Fish & Wildlife Research USDI-National Biological Survey	01/01/96- 12/31/96	95136401 \$25,300
Elk Effects on Plant Diversity & Building a Working Herbarium	Stohlgren,Thomas J Coughenour,Michael B	Natural Resource Ecology Lab DOI-NPS-National Park Service	05/01/96- 05/01/97	95110701 \$14,978
Effect of Elk Grazing on Native & Non-Native Plant Species Diversity in Rocky Mountai...	Coughenour,Michael B Stohlgren,Thomas J	Natural Resource Ecology Lab Rocky Mountain Elk Foundation	03/01/96- 10/31/96	95120301 \$8,236

College: Natural Resources -- Proposals

Title	Principal Investigator	Department / Sponsor Name	Dates	Key # / \$ Amt
Nematode Biodiversity in Ecosystems Stressed by Extremes of Temperature	Freckman,Diana Niles,Robert K	Natural Resource Ecology Lab NSF-Biological Centers	07/01/96- 06/30/99	95122501 \$314,465
Invasion of Rangeland by Aggressive Perennial Weeds: Ecology & Management	Coffin,Debra P	Natural Resource Ecology Lab USDA-CSRS-CGP-Competitive Grants Program	03/01/96- 02/28/99	95124501 \$430,461
Land Use & Climate Change Impacts on Carbon Fluxes (LUCCI)	Ojima,Dennis	Natural Resource Ecology Lab US Department of Energy	07/01/96- 06/30/99	95129901 \$135,487
Spatially Explicit Projections of C Dynamics with Global Change in the Central Unit...	Elliott,Edward T Paustian,Keith H	Natural Resource Ecology Lab US Department of Energy	07/01/96- 06/30/99	95130101 \$474,246
Impacts of Climate & Agriculture on Biogenic Emissions of Ozone Precursors in Southern...	Valentine,David W Pulliam,William M	Natural Resource Ecology Lab National Aeronautics & Space Admin.	07/01/96- 06/30/01	95130201 \$1,944,882
Climate Variability: Effects on Ecosystem Properties, Land Use & Biodiversity...	Galvin,Kathleen Coughenour,Michael B	Natural Resource Ecology Lab NSF-Biological Centers	06/01/96- 05/31/99	95133801 \$511,999
Grassland Nitrogen Cycle & Trace Gas Fluxes: Pathways, Environmental Controls, & Int...	Parton,William J	Natural Resource Ecology Lab NSF-Biological Centers	07/01/96- 06/30/99	95134401 \$655,248

## College: Natural Sciences -- Proposals

<b>Title</b>	<b>Principal Investigator</b>	<b>Department / Sponsor Name</b>	<b>Dates</b>	<b>Key # / \$ Amt</b>
Science, Mathematics, & Computer Skills Core for Nonscience Majors	Raich,John C Stein,Fredrick M	Dean of Natural Sciences NSF-EHR-Education & Human Resources	06/01/96- 05/31/98	95131801 \$200,000
Colorado Environmental Health Science Education Project	Stein,Fredrick M McCalden,Thomas A	Center for Science, Math & Tech Edu HHS-NIH-Environmental Health Services	09/01/96- 08/31/00	95136901 \$430,086
Mechanism of Nucleosome Positioning on the Repressed PHO5 Promoter	Laybourn,Paul J	Biochemistry & Molecular Biology American Cancer Society, Inc.	07/01/96- 06/30/99	95113201 \$266,199
Nucleosome Positioning Mechanism on the PHO5 Promoter	Laybourn,Paul J	Biochemistry & Molecular Biology HHS-PHS-Public Health Services	07/01/96- 06/30/00	95117701 \$605,074
Mechanism of pH-response in PCK Gene Expression	Curthoys,Norman P	Biochemistry & Molecular Biology HHS-PHS-Kidney Dis., Urology/Hematology	07/01/96- 06/30/01	95117901 \$1,043,786
Renal Response to Metabolic Acidosis	Curthoys,Norman P	Biochemistry & Molecular Biology HHS-DRR-Fogarty International Center	09/01/96- 08/31/97	95131701 \$47,000
Mechanism of Cyclin A-Cdk2 Inhibition by p57	Lumb,Kevin J	Biochemistry & Molecular Biology NSF-Biological Centers	07/01/96- 06/30/01	95135001 \$683,421
Simulating Laminin-promoted Axon Outgrowth to Guide Axons through an Inhibitory Env...	Bamburg,James R Kuhn,Thomas	Biochemistry & Molecular Biology American Paralysis Association	05/01/96- 04/30/97	95137001 \$30,000
Rydberg States of Energetic Materials	Bernstein,Elliot R	Chemistry DOD-ARMY-ARO-Army Research Office	05/01/96- 04/30/99	95110301 \$245,814
Purchase of Nuclear Magnetic Resonance Spectrometer	Anderson,Oren P	Chemistry NSF-MPS-Mathematical & Physical Sciences	02/01/96- 01/31/97	95110401 \$215,966
Symposium Metallo Enzymes Structure, Function Mechanisms & Models	Crans,Debbie C	Chemistry American Chemical Society	01/01/96- 12/01/96	95111201 \$1,000
Directed Synthesis Using Zintl Ion Building Blocks	Dorhout,Peter K	Chemistry NSF-MPS-Mathematical & Physical Sciences	06/01/96- 05/31/01	95115401 \$480,395
Statistical Mechanics of Thermoreversible Gelation	Szamel,Grzegorz	Chemistry NSF-MPS-Mathematical & Physical Sciences	07/01/96- 06/30/01	95115901 \$388,002
Properties of Isolated & Solvated Aromatic Carbenes	Bernstein,Elliot R	Chemistry NSF-MPS-Mathematical & Physical Sciences	06/01/96- 05/31/99	95120501 \$431,807
Nanoelectrochemistry	Martin,Charles R	Chemistry DOD-NAVY-ONR-Office of Naval Research	06/01/96- 05/31/99	95121501 \$120,599
Asymmetric Total Synthesis of Galanthamine	Meyers,Albert I	Chemistry HHS-NRSA-Nat. Research Service Award	05/01/96- 04/30/98	95123101 \$46,308
Characterizing Lipid-Surfactant Peptide Microstructures in Pulmonary Surfactant Films	Grainger,David	Chemistry American Heart Association of Colorado	07/01/96- 06/30/98	95125501 \$60,000
Measurement of Sticking Coefficients During Plasma Deposition & Etching	Fisher,Ellen R	Chemistry Sandia Corporation/Sandia National Lab.	12/01/95- 11/30/98	95125801 \$156,444
Development of NMR Lineshape Software	Maciel,Gary E	Chemistry Otsuka Electronics	12/01/95- 08/31/96	95126201 \$19,345
Surface Determinants for Vascular Endothelial Cell Growth, Proliferation & Gene Expression...	Grainger,David	Chemistry American Heart Association of Colorado	07/01/96- 06/30/98	95126401 \$60,000

## College: Natural Sciences -- Proposals

<b>Title</b>	<b>Principal Investigator</b>	<b>Department / Sponsor Name</b>	<b>Dates</b>	<b>Key # / \$ Amt</b>
Electron Transfer Dynamics at Semiconductor Nanocluster Interfaces	Kelley,David F	Chemistry NSF-MPS-Mathematical & Physical Sciences	06/01/96- 05/31/99	95128701 \$390,071
Fluorinated Closo-Heteroborane Anions & Nonclassical Metal Carbonyls	Strauss,Steven H	Chemistry NSF-MPS-Mathematical & Physical Sciences	07/15/96- 07/14/99	95133101 \$551,231
Total Synthesis of TAN 1946 A	Meyers,Albert I	Chemistry HHS-NRSA-Nat. Research Service Award	08/01/96- 07/31/98	95133201 \$46,308
Synthesis of the Potent Antibiotic Disorazole C1	Meyers,Albert I	Chemistry HHS-NRSA-Nat. Research Service Award	09/01/96- 08/31/99	95133301 \$74,908
Electrolytic Hydrogen Peroxide Generation for Use as an Environmentally Friendly Bleaching Agent	Parkinson,Bruce A	Chemistry Eltron Research, Inc.	06/01/96- 02/28/97	95135701 \$32,600
Preparation, Testing & Developing New Vanadium Compounds as Oral Therapeutic Agents...	Crans,Debbie C	Chemistry Bayer Company	12/01/95- 11/30/96	95136701 \$16,675
Scalable Visual Interfaces to Support Program Comprehension & Debugging	Vonmayrhauser,A	Computer Science University of Colorado	06/01/96- 05/31/99	95115101 \$209,829
Evaluation as the Basis for AI Agent Design	Howe,Adele	Computer Science NSF-CISE-Computer & Info Sci & Engin	08/15/96- 08/14/00	95115201 \$209,494
An Integrated Software Reliability Engineering Tool	Malaiya,Yashwant K	Computer Science DOD-NAVY-ONR-Office of Naval Research	05/01/96- 04/30/99	95122101 \$108,423
First-break Seismic Detection Problem: Representation Issues for Neural Net, Fuzzy Log...	Whitley,L Darrell	Computer Science CASI-Colorado Advanced Software Inst.	08/15/96- 08/14/97	95124401 \$44,111
From Program Comprehension to Software Maintenance Support Tools	Vonmayrhauser,A	Computer Science CASI-Colorado Advanced Software Inst.	08/15/96- 08/14/97	95124601 \$38,500
Finding Related Product Information on the WWW (World-Wide-Web)	Howe,Adele	Computer Science CASI-Colorado Advanced Software Inst.	08/15/96- 08/14/97	95128501 \$39,435
Behavioral Level Design Verifications Using Software Testing Techniques	Vonmayrhauser,A Chen,Wei (tom)	Computer Science NSF-CISE-Computer & Info Sci & Engin	08/15/96- 08/14/99	95133001 \$314,313
Assessing the Efficacy of AI Planning Technology for Software Testing	Vonmayrhauser,A Howe,Adele	Computer Science NSF-CISE-Computer & Info Sci & Engin	08/15/96- 08/14/99	96001301 \$200,052
Combinatorial Representation Theory: Constructive & Integral	Liebler,Robert A	Mathematics NSF-MPS-Mathematical & Physical Sciences	06/01/96- 05/31/99	95110501 \$128,823
Low-dimensional Remodeling of High-dimensional Dynamical Systems	Kirby,Michael J Miranda,Henry P	Mathematics NSF - Engineering Grant	06/01/96- 05/31/99	95118801 \$310,667
Studies of the Z-boson & CP Violation in Electron-positron Collisions	Harton,John	Physics DOE-Office of Energy Research	05/15/96- 05/14/99	95117601 \$460,800
Student Research on Millimeter Wave Magnetic Materials	Patton,Carl E	Physics DOD-NAVY-ONR-Office of Naval Research	05/01/96- 04/30/99	95121401 \$230,049
Research in Collider Physics	Toki,Walter Wilson,Robert J	Physics DOE-Office of Energy Research	04/16/96- 04/15/01	95125901 \$2,905,000
Mexican-American Dropouts & Drug Use	Chavez,Ernest L	Psychology HHS-PHS-Drug Abuse Research Programs	06/01/95- 05/31/00	95119801 \$1,750,153

College: Natural Sciences -- Proposals

<b>Title</b>	<b>Principal Investigator</b>	<b>Department / Sponsor Name</b>	<b>Dates</b>	<b>Key # / \$ Amt</b>
Non-profit Organization in Native American Communities	James,Keith	Psychology Aspen Institute	06/30/96- 02/01/98	96001201 \$46,644
Phenotypic Plasticity of Host Use by a Parasitoid Wasp	Antolin,Michael F Vaughn,Ty T	Biology NSF-Biological Centers	04/01/96- 04/01/98	95113101 \$8,101
Genetic (QTL) Analysis of Ovicide in an Outbreeding Parasitoid Wasp	Antolin,Michael F	Biology NSF-Biological Centers	07/01/96- 06/30/99	95136301 \$285,568



College: Veterinary Medicine & Biomedical Sciences -- Proposals

<b>Title</b>	<b>Principal Investigator</b>	<b>Department / Sponsor Name</b>	<b>Dates</b>	<b>Key # / \$ Amt</b>
Uptake of Glutamate May Potentiate Ischemic Damage	Madl,James E	Anatomy & Neurobiology HHS-PHS-Biol Basis Research in Neurosci	07/01/96- 06/30/00	95120601 \$608,463
Angiogenesis in the Hippocampus of Epileptic Rats	Lee,Robert E	Anatomy & Neurobiology American Heart Association of Colorado	07/01/96- 06/30/97	95124901 \$25,000
Uptake of Glutamate May Contribute to Ischemic Brain Damage	Madl,James E	Anatomy & Neurobiology American Heart Association of Colorado	07/01/96- 06/30/98	95125301 \$58,537
Mechanism of Glutamate-mediated Activation of Vasopressin Neurons	Dudek,F Edward Smith,Bret N	Anatomy & Neurobiology American Heart Association of Colorado	07/01/96- 06/30/97	95130801 \$30,935
Neuroanatomic Substrate for HIV-associated Seizures	Dudek,F Edward Fails,Anna Dee	Anatomy & Neurobiology HHS-PHS-Public Health Services	05/01/96- 04/30/99	95132201 \$74,908
Mechanisms of Viral Oncogenesis in Ovine Pulmonary Carcinoma	Demartini,James C	Pathology American Cancer Society, Inc.	07/01/96- 06/30/99	95116101 \$393,904
Pathogenesis of Acute Perinatal Mucosal FIV Infection	Hoover,Edward A Obert,Leslie A	Pathology HHS-NRSA-Nat. Research Service Award	05/01/96- 04/30/99	95133401 \$105,145
Pathogenesis of Diabetic Neuropathy	Ishii,Douglas N	Physiology HHS-PHS-Biol Basis Research in Neurosci	09/01/96- 08/30/00	95120101 \$1,228,040
Membrane Events Following Hormone Binding to LH Receptors	Roess,Deborah A	Physiology HHS-PHS-NCI-Cancer Treatment Center	07/01/96- 06/30/00	95120701 \$700,443
Hypertension in Rats with Kidneys Containing Angiotensinogen Transgenes	Wilke,Lee	Physiology American Heart Association of Colorado	07/01/96- 06/30/98	95125001 \$58,228
Expression of a Novel Gene in the Developing & Remodeling Systemic & Pulmonary Vascula...	Belknap,James K Tucker,Alan	Physiology American Heart Association of Colorado	07/01/96- 06/30/97	95125101 \$25,000
Non-invasive Genetic Therapy for Hemophilia A	Bowen,Richard A	Physiology American Heart Association of Colorado	07/01/96- 06/30/98	95125201 \$55,121
Uteroplacental Expression of the M235T Variant for Angiotensinogen: A Key to Preeclamp...	Bowen,Richard A Marley,Wanda S	Physiology American Heart Association of Colorado	07/01/96- 06/30/97	95130601 \$20,700
Mechanism of Action of Placental Lactogen	Anthony,Russell V Fanning,Michael D	Physiology HHS-NRSA-Nat. Research Service Award	09/01/96- 08/31/97	95131101 \$28,600
Cryopreservation of Sexed Bovine Sperm	Seidel,George E Jr Graham,James K	Physiology Atlantic Breeders Cooperative	01/01/96- 03/01/97	95131501 \$11,414
Mechanisms of GnRH Receptor Gene Expression	Clay,Colin Duval,Dawn L	Physiology HHS-NRSA-Nat. Research Service Award	05/01/96- 05/01/99	95132001 \$82,200
Hormonal Regulation of Oxytocin Secretion during Luteolysis in the Mare	Vanderwall,Dirk K Squires,Edward L	Physiology AQHA-American Quarter Horse Assoc.	10/01/96- 09/30/97	96001001 \$24,819
Canine Model for Cancer Genetics & Cytogenetics	Larue,Susan M Bedford,Joel S	Radiological Health Sciences American Cancer Society, Inc.	07/01/96- 06/30/99	95116301 \$332,644
Landmine Detection by Compton Backscatter Imaging: Data Analysis	Campbell,John G	Radiological Health Sciences Sandia Corporation/Sandia National Lab.	11/01/95- 04/30/96	95117801 \$29,805
Cellular & Molecular Effects of Electromagnetic Fields	Fox,Michael H	Radiological Health Sciences HHS-NIH-NCI-National Cancer Institute	07/01/96- 06/30/00	95120901 \$1,385,110

College: Veterinary Medicine & Biomedical Sciences -- Proposals

<b>Title</b>	<b>Principal Investigator</b>	<b>Department / Sponsor Name</b>	<b>Dates</b>	<b>Key # / \$ Amt</b>
Center for Excellence for Post-doctoral Education in Radiation Health Sciences	Borak,Thomas B	Radiological Health Sciences US Department of Energy	07/01/96- 06/30/01	95132301 \$5,000,001
Cytogenetics of Feline Vaccine Associated Sarcomas	Larue,Susan M	Radiological Health Sciences Robert H. Winn Foundation	03/01/96- 03/01/97	95134301 \$14,980
Prospective Study of Magnetic Field Exposure & Pregnancy Outcomes	Reif,John S	Environmental Health University of Washington	03/01/96- 02/28/99	95123001 \$29,999
Fitting Problems with Chemical Defense Respirators Used by Military Women	Herron,Robert E Bigelow,Philip L	Environmental Health DOD-ARMY-Medical Research & Development	10/01/96- 09/30/00	95125401 \$780,245
Oxygen Radical-mediated Gene Expression in Hepatocytes	Billings,Ruth E Miller,Danette R	Environmental Health HHS-NRSA-Nat. Research Service Award	06/01/96- 05/31/98	95131601 \$58,500
Native American Earth & Space Academy	Coulter,Gary R	Microbiology DE-Department of Education**	10/31/95- 10/30/96	95116401 \$159,532
Structure of LAM in Relation to Biology & Biosynthesis	Chatterjee,Delphi	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	07/01/96- 06/30/99	95120401 \$597,419
Exploitation of Novel Pathways for New TB Therapeutics	McNeil,Michael R	Microbiology National Jewish Center	09/01/96- 08/31/00	95134501 \$522,091
Cellular Control of Viral Gene Expression / Master's Program in Biotechnology	Wilcox,Christine L	Microbiology NSF-Biological Centers	06/01/96- 06/30/01	95135301 \$336,850
Harrison Memorial Animal Hospital/CCU - VTH Orthopedic Outreach	Egger,Erick L Schwarz,Peter D	Clinical Sciences Animal Assistance Foundation	01/01/96- 01/01/97	95131301 \$2,260
Vitamin B12 Deficiency Associated with Idiopathic Feline Hepatic Lipidosis	Twedt,David C	Clinical Sciences Robert H. Winn Foundation	03/01/96- 03/01/97	95133901 \$9,200
Osteogenesis via the Deconstruction of Strain History	Turner,Anthony Simon	Clinical Sciences Univer. of New York Research Foundation	12/01/95- 12/01/96	95134001 \$16,360
Identification of Toxoplasma Gondii in Ocular Tissues of Cats	Lappin,Michael R	Clinical Sciences Robert H. Winn Foundation	05/01/96- 04/30/97	95134101 \$9,136
Characterization of Naturally Occurring Feline Ehrlichiosis	Lappin,Michael R	Clinical Sciences Robert H. Winn Foundation	05/01/96- 04/30/97	95134201 \$11,865
Assessment of Strenuous Training on Subchondral Bone	Norrdin,Robert W Kawcak,Christopher E	Clinical Sciences HHS-NRSA-Nat. Research Service Award	05/01/96- 08/31/98	95136201 \$75,467
Laser-tissue Interaction of Transscleral Cyclophotocoagulation in Canine Eyes	Roberts,Steven M Gibson,Terri	Clinical Sciences American Coll of Veterinary Ophthalmol.	03/01/96- 03/01/98	96000601 \$3,993
Determination of the Population Prevalence of Feline Herpesvirus-1 as Assessed by Polymerase...	Roberts,Steven M Burgesser,Kent M	Clinical Sciences American Coll of Veterinary Ophthalmol.	03/01/96- 03/01/98	96000801 \$3,995
An Investigation into the Effect of Conformation on Lameness & Orthopedic Injury in Racing American Quart...	McIlwraith,C Wayne Anderson,Tina Marie	Clinical Sciences AQHA-American Quarter Horse Assoc.	04/01/97- 12/31/97	96000901 \$26,484
In Vitro & In Vivo Evaluation of Subchondral Bone Microdamage & Remodeling in the Carp...	McIlwraith,C Wayne Kawcak,Christopher E	Clinical Sciences AQHA-American Quarter Horse Assoc.	10/01/96- 09/30/97	96001101 \$34,372

College: Other -- Proposals

Title	Principal Investigator	Department / Sponsor Name	Dates	Key # / \$ Amt
Summer Community Forum: Creating a Non-violent Community	Gotshall,Barbara H	Provost / Academic Vice President City of Fort Collins - Fort Fund	01/15/96- 06/30/96	96000701 \$4,800
Colorado Youth Council	Martin,Dorothy Hunt,Kimberly	Cooperative Extension Colorado Department of Education	10/01/95- 06/30/96	95118001 \$8,800

## Section III

Awards Received for Current Quarter

College: Agricultural Sciences -- Awards

<b>Title</b>	<b>Principal Investigator</b>	<b>Department/Sponsor Name</b>	<b>Dates</b>	<b>Proj#/\$ Amt.</b>
Arkansas Valley Project	Schweissing, Frank C	Arkansas Valley Research Center Various "For Profit" Sponsors	06/23/92- 12/31/96	6751 \$500
Soil Fumigation Study	Zink, Richard T	San Luis Valley Research Center Potato Administration of Colorado	11/01/95- 06/30/96	6365 \$2,000
Nitrogen Management Under Conservation Tillage in a Furrow-Irrigated Cropping System...	Pearson, Calvin H	Western Slope - Fruita Centro Intern. De Agricultura Tropical	10/09/94- 07/01/97	2203 \$10,000
Trapping Program for European Corn Borer Ostrinia Nubilalis (HBN.), in Western Colorado...	Zimmerman, Rick J	Rogers Mesa Research Center Colo West Sweet Corn & Broccoli Adm Cmtt	05/15/95- 05/15/96	5106 \$580
South Western Colorado Crop Research	Sommers, Lee E Berrada, Abdelfettah	South Western Colorado Ag. Res. Ctr. Colorado Dry Bean Advisory Board	11/01/92- 12/31/97	5253 \$1,375
South Western Colorado Crop Research	Sommers, Lee E Berrada, Abdelfettah	South Western Colorado Ag. Res. Ctr. Colorado Dry Bean Advisory Board	11/01/92- 12/31/97	5253 \$1,000
Training & Education for Agricultural Chemicals & Groundwater	Waskom, Reagan M	Soil & Crop Sciences Colorado Department of Agriculture	07/01/95- 06/30/96	0774 \$30,000
Influence of Mustard Gas Incineration on Agriculture in the Arkansas Valley	Davis, Jessica G Shaw, Robert B	Soil & Crop Sciences Dames & Moore	12/11/95- 05/31/96	2614 \$16,756
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 \$1,055
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 \$125
Bean Testing Project	Shanahan, John	Soil & Crop Sciences Colorado Dry Bean Advisory Board	06/01/92- 12/31/96	5648 \$3,750
Bean Testing Project	Shanahan, John	Soil & Crop Sciences Colorado Dry Bean Advisory Board	06/01/92- 12/31/96	5648 \$2,800
Determination of Rhizobial Abundance on Alfalfa Seed	Doxtader, Kenneth G	Soil & Crop Sciences Various "For Profit" Sponsors	06/01/92- 06/30/96	6746 \$950
Facilities Services of Agricultural Research	Sommers, Lee E	Soil & Crop Sciences USDA-ARS-Agricultural Research Service	10/01/95- 09/30/96	8008 \$1,146
Facilities Services of Agricultural Research	Sommers, Lee E	Soil & Crop Sciences USDA-ARS-Agricultural Research Service	10/01/95- 09/30/96	8008 \$1,528
Central Plains Resources Management Research	Sommers, Lee E	Soil & Crop Sciences USDA-ARS-Agricultural Research Service	10/01/95- 09/30/96	8009 \$4,289
Great Plains Systems Research Unit	Sommers, Lee E	Soil & Crop Sciences USDA-ARS-Agricultural Research Service	10/01/95- 09/30/96	8010 \$8,227
Great Plains Systems Research Unit	Sommers, Lee E	Soil & Crop Sciences USDA-ARS-Agricultural Research Service	10/01/95- 09/30/96	8010 \$25,089
Water Management Research	Sommers, Lee E	Soil & Crop Sciences USDA-ARS-Agricultural Research Service	10/01/95- 09/30/96	8011 \$4,831
Water Management Research	Sommers, Lee E	Soil & Crop Sciences USDA-ARS-Agricultural Research Service	10/01/95- 09/30/96	8011 \$19,994

College: Agricultural Sciences -- Awards

<b>Title</b>	<b>Principal Investigator</b>	<b>Department/Sponsor Name</b>	<b>Dates</b>	<b>Proj#/\$ Amt.</b>
Seed Viability & Storage Research	Sommers, Lee E	Soil & Crop Sciences USDA-ARS-Agricultural Research Service	10/01/95- 09/30/96	8012 \$5,965
Seed Viability & Storage Research	Sommers, Lee E	Soil & Crop Sciences USDA-ARS-Agricultural Research Service	10/01/95- 09/30/96	8012 \$24,587
Sugarbeet Production Research	Sommers, Lee E	Soil & Crop Sciences USDA-ARS-Agricultural Research Service	10/01/95- 09/30/96	8013 \$2,502
Sugarbeet Production Research	Sommers, Lee E	Soil & Crop Sciences USDA-ARS-Agricultural Research Service	10/01/95- 09/30/96	8013 \$5,361
An Evaluation of Dual-Component Video Image Analysis & the Tender-Tec Probe for Augmen...	Tatum, Joseph D Smith, Gary C	Animal Sciences National Livestock & Meat Board	10/02/95- 04/30/96	5054 \$28,300
Incidence, Severity, Amount of Tissue Affected & Effect on Histology, Chemistry & Ten...	Smith, Gary C Tatum, Joseph D	Animal Sciences National Cattlemen's Association	11/01/95- 12/31/96	5055 \$70,390
Identification & Implementation of Critical Control Points & Detection & Control of Ext..	Smith, Gary C Sofos, John N	Animal Sciences National Livestock & Meat Board	09/01/95- 08/30/96	5057 \$45,000
Choice Testing to Determine the Aversiveness of Husbandry Procedures	Grandin, Temple Ames, David R	Animal Sciences Regina B Frankenberg Foundation	01/01/95- 06/30/98	5400 \$20,000
Beef Quality/Safety Assurance Audits	Smith, Gary C	Animal Sciences National Cattlemen's Association	03/01/95- 06/30/96	6669 \$19,350
Colfax Corridor Digital Geographic Data Integration Project	Lakey, Jeffrey S	Horticulture WENK Associates	10/01/95- 09/30/96	6138 \$4,500
Spectroscopy to Identify Potato Cultivar	Stushnoff, Cecil	Horticulture Potato Administration of Colorado	07/01/95- 06/30/96	6384 \$944
Evaluation &/or Assessment for Turfgrass	Koski, Anthony J	Horticulture National Turfgrass Federation Inc.	06/01/92- 02/01/00	6748 \$6,000
Evaluation &/or Assessment for Turfgrass	Koski, Anthony J	Horticulture National Turfgrass Federation Inc.	06/01/92- 02/01/00	6748 \$6,000
Plant Germplasm Research - Roos	Wallner, Stephen J	Horticulture USDA-ARS-Agricultural Research Service	10/01/95- 09/30/96	8000 \$4,400
Plant Germplasm Research - Roos	Wallner, Stephen J	Horticulture USDA-ARS-Agricultural Research Service	10/01/95- 09/30/96	8000 \$11,880
Development of a Bioeconomic Model for Integrating Jointed Goatgrass Management in Win...	Westra, Philip	Plant Pathology & Weed Science Washington State University	04/01/95- 03/31/96	1300 \$43,200
High Pains Irrigated Crops IPM Implementation Team Development Plan	Brown, William M Holtzer, Thomas O	Plant Pathology & Weed Science USDA-ARS-Agricultural Research Service	09/15/95- 09/30/96	1353 \$9,675
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 \$829
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 \$556
Genetic Manipulation of Flower Plants	Ranu, Rajinder S	Plant Pathology & Weed Science Tagawa Greenhouses, Inc.	02/10/93- 06/30/96	6804 \$72,000

College: Agricultural Sciences -- Awards

<b>Title</b>	<b>Principal Investigator</b>	<b>Department/Sponsor Name</b>	<b>Dates</b>	<b>Proj#/\$ Amt.</b>
Water Management Research	Westra,Philip	Plant Pathology & Weed Science USDA-ARS-Agricultural Research Service	10/01/95- 09/30/96	8004 \$2,990
Water Management Research	Westra,Philip	Plant Pathology & Weed Science USDA-ARS-Agricultural Research Service	10/01/95- 09/30/96	8004 \$24,112
Status of Candidate & Sensitive Colorado Insects	Kondratieff,Boris C Opler,Paul A	Entomology Colorado Div. of Parks & Outdoor Rec.	10/01/95- 06/01/96	0854 \$1,700
Irrigated Alfalfa-Grass Mixtures for Pesticide Reduction & Development of Expanded...	Kinney,Karl K Peairs,Frank B	Entomology USDA-Western Region I.P.M. Program	09/15/95- 09/30/96	1350 \$8,590
Ecologically Based IPM in Dryland Cropping Systems	Holtzer,Thomas O	Entomology USDA-CSRS-Coop. States Research Service	09/15/95- 09/30/96	1351 \$13,800
Discovery Internship Program - Minorities in Agriculture	Roberts,P Elaine Heird,James C	Entomology USDA-ES-CES-Cooperative Extension Srv	09/15/95- 09/30/97	1352 \$60,600
Laboratory Analysis of Terrestrial Arthropods to Support the Rocky Flats Ecological Monitoring...	Kondratieff,Boris C	Entomology Kaiser - Hill Company, L.L.C.	01/05/95- 09/30/96	5028 \$11,760
Mosquito Genomics Database	Knudson,Dennis L	Entomology University of California	11/01/94- 10/31/95	5058 \$25,000
Turfgrass Insect Pest Management	Cranshaw,Whitney S	Entomology Rocky Mountain Turfgrass Research Found.	08/01/94- 12/31/96	5274 \$1,001

College: Applied Human Sciences -- Awards

<b>Title</b>	<b>Principal Investigator</b>	<b>Department/Sponsor Name</b>	<b>Dates</b>	<b>Proj#/\$ Amt.</b>
DARE To Be You Head Start Consortium	MacPhee,David L Fritz,Janet J	Human Development & Family Studies HHS-ACF-Admin. for Children & Families	09/30/95- 09/29/98	4414 \$150,000
Community Nutrition Education Through Elementary Schools	Auld,Garry W	Food Science & Human Nutrition University of Colorado	09/30/95- 09/29/96	1308 \$22,000
Employment Retention Project	Sample,Pat L	Occupational Therapy Colorado Division of Rehabilitation	10/01/95- 09/30/96	0863 \$52,376
Enhanced Employment Opportunities Grant/ Community Integrated Employment	Schelly,Catherine L	Occupational Therapy Foothills Gateway Rehabilitation Center	07/01/95- 06/30/96	5330 \$168,826
An Architectural History of Leadville, Colorado	Bamford,Lawrence V Tremblay,Kenneth R	Design, Merchand. & Consumer Science Colo Dept Higher Educ-Historical Society	10/01/95- 10/01/96	0873 \$4,800
Facility & Site Evaluation Services to Fort Morgan Public School District RE-3	Dunn,G Richard	Industrial Sciences Fort Morgan Public School District RE-3	10/10/94- 01/31/96	5017 \$930
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 \$2,500
Carder Concrete Project	Johnson,Russell L	Industrial Sciences State of Kansas	10/01/95- 02/28/96	9751 \$7,172
Education Life Skills Immersion Program	Cobb,R Brian	School of Education Colorado Department of Corrections	11/01/94- 10/31/95	0742 \$15,275
Teacher Induction Program	Schneider,Sherrie	School of Education C.D. of Ed./Comm. College & Occup. Ed.	07/01/95- 06/30/96	0773 \$35,232
Integration of Academic & Vocational Ed Technical Assistance	Schneider,Sherrie	School of Education C.D. of Ed./Comm. College & Occup. Ed.	07/01/95- 06/30/96	0775 \$42,625
Nontraditional Teacher Education Assistanceship	Schneider,Sherrie	School of Education C.D. of Ed./Comm. College & Occup. Ed.	07/01/95- 06/30/96	0776 \$30,000
Tech Prep Technical Assistance	Schneider,Sherrie	School of Education C.D. of Ed./Comm. College & Occup. Ed.	07/01/95- 06/30/96	0777 \$40,000
Project F.O.C.U.S.	Carson,Sharon	School of Education C.D. of Ed./Comm. College & Occup. Ed.	07/01/95- 06/30/96	0778 \$50,000
Vocational Credentialing	Hollingsworth,Jay E	School of Education CCHE-Commission on Higher Education	07/01/95- 06/30/96	0779 \$12,000
Vocational Credentialing & Testing Services	Hollingsworth,Jay E	School of Education CCHE-Commission on Higher Education	07/01/95- 06/30/96	0780 \$76,154
Career, Labor Market & Equity Clearinghouse	Feller,Richard	School of Education C.D. of Ed./Comm. College & Occup. Ed.	07/01/95- 06/30/96	0781 \$54,000
Program of Excellence	Richburg,Robert W	School of Education CCHE-Commission on Higher Education	07/01/95- 06/30/96	0790 \$100,000
Learning Characteristics of Colorado Inmates	Feller,Richard	School of Education C.D. of Ed./Comm. College & Occup. Ed.	07/01/95- 06/30/96	0808 \$81,114
National Transition Network Project	Cobb,R Brian	School of Education University of Minnesota	10/01/95- 09/30/96	4000 \$39,297



College: Applied Human Sciences -- Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj#/\$ Amt.
Research on Student Participation in Transition Planning	Lehmann, Jean P Spencer, Karen Clark	School of Education University of Colorado	09/15/94- 09/14/96	4006 \$57,613
GOALS 2000 - Partner School Project	Whaley, David C	School of Education Colorado Partnership/Educational Renewal	10/06/95- 10/05/96	5056 \$4,667

College: Liberal Arts -- Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj#/\$ Amt.
Colorado International Invitational Poster Exhibition	Risbeck,Philip E Frickman,Linda G	Art Colorado Council on the Arts & Humanitie	08/01/95- 11/01/95	0820 \$2,400
Center for Research on Writing & Communication Technologies	Palmquist,Michael E Zimmerman,Donald E	English CCHE-Commission on Higher Education	07/01/95- 06/30/96	0795 \$50,000
Voices, Values & Versions of the American West	Reid,Louann	English Nat Found on the Arts & the Humanities	01/01/96- 12/31/96	1006 \$23,591

College: Business -- Awards

<b>Title</b>	<b>Principal Investigator</b>	<b>Department/Sponsor Name</b>	<b>Dates</b>	<b>Proj#/\$ Amt.</b>
Problem Identification - Highway Safety	Hivner,Walter A	Inst. for Transportation Management Colorado Department of Transportation	10/01/95- 09/30/96	0864 \$42,000
Special Academic Liaison Program	Butler,Charles W	Computer Information Systems Texas Instruments, Inc.	02/01/94- 05/14/96	6053 \$29,342
Teen Institute & Communication Campaign for Adolescent Females	Kelly,Kathleen J	Marketing HHS-SAMHSA-CSAP-Ctr Substance Abuse Prvn	09/30/95- 09/29/96	4415 \$194,868

College: Engineering -- Awards

<b>Title</b>	<b>Principal Investigator</b>	<b>Department/Sponsor Name</b>	<b>Dates</b>	<b>Proj#/\$ Amt.</b>
Faculty Awards for Women Scientists & Engineers (FAW)	McConica,Carol M	Chemical & Bioresource Engineering National Science Foundation	11/01/93- 04/30/97	3303 \$50,000
Field Application of Burkholderia Cepacia PR1-301C for Bioremediation of TCE-contamina... Water Management Research	Reardon,Kenneth F	Chemical & Bioresource Engineering Camp Dresser McKee	07/24/95- 02/29/96	6122 \$3,003
Water Management Research	Loftis,Jim C	Chemical & Bioresource Engineering USDA-ARS-Agricultural Research Service	10/01/95- 09/30/96	8003 \$10,266
Water Management Research	Loftis,Jim C	Chemical & Bioresource Engineering USDA-ARS-Agricultural Research Service	10/01/95- 09/30/96	8003 \$32,953
NADH Measurements in Compost Systems: Sensor Testing	Reardon,Kenneth F	Chemical & Bioresource Engineering Lockheed Idaho Technologies Company	11/27/95- 03/31/96	9315 \$9,986
Gas Phase Transport of Volatile Organic Compounds in the Vadose Zone	McWhorter,David	Chemical & Bioresource Engineering University of Waterloo	05/01/92- 03/31/96	9637 \$36,000
Development of an Airborne Cloud Radar	Stephens,Graeme L	Atmospheric Science Calif. Inst. of Tech/Jet Propulsion Lab	11/08/95- 03/31/96	2700 \$10,000
Development & Testing of a Simple Micro-physical-Convective-Radiative Model of Marine...	Kreidenweis,Sonia M	Atmospheric Science NSF-GEO-Geosciences	08/01/94- 01/31/97	3026 \$100,550
Climate Analysis & Extended Range Seasonal Prediction	Gray,William M	Atmospheric Science NSF-GEO-Geosciences	11/15/94- 10/31/96	3032 \$144,045
Modeling & Analysis of Convective Storms	Cotton,William R	Atmospheric Science NSF-GEO-Geosciences	03/01/95- 02/28/97	3079 \$269,678
Explicit Simulation & Parameterization of Mesoscale Convective Systems	Cotton,William R	Atmospheric Science US Department of Energy	11/01/95- 10/31/96	3804 \$154,000
A Modeling & Remote Sensing Study of the Radiative Heating of Clouds in Support of ARM	Stephens,Graeme L Gabriel,Philip M	Atmospheric Science US Department of Energy	12/01/94- 11/30/96	3807 \$189,000
On the Fundamental Role of Day Versus Night Radiation Differences on the Diurnal...	Gray,William M	Atmospheric Science US Department of Energy	12/01/95- 11/30/96	3808 \$98,000
Development & Testing of an Aerosol Stratus Cloud Parameterization Scheme for Mid-...	Kreidenweis,Sonia M Cotton,William R	Atmospheric Science US Department of Energy	11/01/95- 10/31/96	3821 \$144,000
Use of ARM Data to Develop & Test Improved Cloud Parameterization for Use in Climate...	Randall,David A	Atmospheric Science US Department of Energy	12/01/95- 11/30/96	3822 \$184,000
Comparison of the Effects of Morphology & Mixing Schemes on the Absorption of Efficiency...	Kreidenweis,Sonia M Fuller,Kirk A	Atmospheric Science DOI-NPS-National Park Service	07/01/95- 06/30/96	4189 \$41,985
Relationships between Aerosol Compotision & Light Scattering	Kreidenweis,Sonia M	Atmospheric Science DOI-NPS-National Park Service	07/01/95- 06/30/96	4190 \$90,216
Effects of Winter Fog Episodes on PM-10 Concentrations in California's San Joaquin Valley	Collett,Jeffrey L Jr	Atmospheric Science Sonoma Technology, Inc.	03/17/95- 08/31/96	6101 \$67,147
Aging Time of a Passive Tracer at Selected Receptors During MOHAVE Summer Intensive...	Pielke,Roger A Uliasz,Marek	Atmospheric Science Southern California Edison	11/01/95- 12/15/95	6145 \$6,000
Time Series Analysis of Coincidence in Transporting Structures Recorded at the CODE Tower	Collett,Jeffrey L Jr	Atmospheric Science USDA-USFS-Forest Research	05/18/95- 06/01/96	8757 \$500

College: Engineering -- Awards

<b>Title</b>	<b>Principal Investigator</b>	<b>Department/Sponsor Name</b>	<b>Dates</b>	<b>Proj#/\$ Amt.</b>
CCHE Excellence Award - Water Resource Education Program	Grigg,Neil S	Civil Engineering CCHE-Commission on Higher Education	07/01/95- 06/30/96	0791 \$250,000
Research Workshop on the Hydrometeorology, Impacts & Management of Extreme Floods	Salas,Jose D	Civil Engineering NSF - Engineering Grant	09/01/95- 08/31/97	3274 \$37,530
Laterally Loaded Manufactured Homes (Phase I)	Criswell,Marvin E	Civil Engineering South Dakota School of Mines	06/01/93- 02/28/97	3440 \$5,833
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- 05/10/96	6151 \$55,000
Hydraulic Model Study of Rock Creek & Creste Dam Sediment Management	Molinas,Albert Abt,Steven R	Civil Engineering Pacific Gas & Electric Company	04/15/93- 12/31/95	6819 \$2,000
GPSR - USDA/ARS Task Order for Dr. Ahuja & Dr. Dunn	Salas,Jose D	Civil Engineering USDA-ARS-Agricultural Research Service	10/01/95- 09/30/96	8014 \$2,589
GPSR - USDA/ARS Task Order for Dr. Ahuja & Dr. Dunn	Salas,Jose D	Civil Engineering USDA-ARS-Agricultural Research Service	10/01/95- 09/30/96	8014 \$11,001
Senior Technical Advisors in Residence (STAR)	Grigg,Neil S	Civil Engineering John Hopkins University	11/16/93- 06/15/96	9026 \$70,000
CCHE Center for Excellence Optoelectronics	Wilmsen,Carl W	Electrical Engineering CCHE-Commission on Higher Education	07/01/95- 06/30/96	0766 \$280,000
Optoelectronics Administration	Wilmsen,Carl W	Electrical Engineering University of Colorado	07/01/95- 06/30/96	0838 \$14,700
Optical Storage & Processing	Mitkas,Pericles A	Electrical Engineering University of Colorado	07/01/95- 06/30/96	0839 \$1,400
Optoelectronics Ultrashort Laser	Rocca,Jorge J G	Electrical Engineering University of Colorado	07/01/95- 06/30/96	0840 \$1,400
Optical Characterization of VCSELs	Menoni,Carmen S	Electrical Engineering University of Colorado	07/01/95- 06/30/96	0841 \$18,500
XUV Optics - Tech Award	Rocca,Jorge J G	Electrical Engineering University of Colorado	10/01/95- 06/30/96	0844 \$7,500
Kinetic Roughness of Epitaxial Layers of InP & its Alloys	Temkin,Henryk	Electrical Engineering DOD-NAVY-ONR-Office of Naval Research	10/01/93- 09/30/96	2468 \$104,956
Error Detection & Correction Codes for Optical Memories with 2D Parallel Output	Mitkas,Pericles A	Electrical Engineering DOD-USAF-Air Force	05/10/95- 05/09/96	2555 \$31,223
Capillary Pulsed Discharge Soft X-Ray Source	Rocca,Jorge J G	Electrical Engineering NCEE-Northeast Consortium - Engin. Educa	08/18/94- 01/15/95	2606 \$16,700
Utilization of Radar Data in TRMM - (Tropical Rainfall Measuring Mission)	Chandrasekar,V	Electrical Engineering University of Iowa	11/01/95- 10/31/96	2706 \$32,500
Optoelectronics Administration	Wilmsen,Carl W	Electrical Engineering University of Colorado	05/01/95- 04/30/96	3472 \$35,046
Optoelectronics Device Processing	Temkin,Henryk	Electrical Engineering University of Colorado	05/01/95- 04/30/96	3473 \$80,600

College: Engineering -- Awards

<b>Title</b>	<b>Principal Investigator</b>	<b>Department/Sponsor Name</b>	<b>Dates</b>	<b>Proj#/\$ Amt.</b>
Optoelectronic Testing	Rocca,Jorge J G	Electrical Engineering University of Colorado	05/01/95- 04/30/96	3474 \$52,800
Optoelectronic Analysis	Wilmsen,Carl W	Electrical Engineering University of Colorado	05/01/95- 04/30/96	3475 \$94,600
Optical Storage & Processing	Mitkas,Pericles A	Electrical Engineering University of Colorado	05/01/95- 04/30/96	3476 \$52,800
Optical Characterization of VCLESs	Menoni,Carmen S	Electrical Engineering University of Colorado	05/01/95- 04/30/96	3477 \$75,900
Microwave Sensor for Nondestructive & Non-contact Estimation of Concrete Compressive...	Zoughi,Reza	Electrical Engineering EPRI-Electric Power Research Inst.	12/07/95- 08/31/98	6155 \$125,000
Solar Domestic Hot Water Systems for Low Income Housing	Troxell,Wade O	Mechanical Engineering Colorado Campus Compact	11/01/95- 05/31/96	0878 \$3,268
The Engine in Engineering	Willson,Bryan D Kirkpatrick,Allan T	Mechanical Engineering NSF - Engineering Grant	01/01/96- 12/31/98	3503 \$350,000
Energy Analysis & Diagnostic Center Program	Winn,C Byron	Mechanical Engineering University City Science Center	10/01/95- 03/31/96	3921 \$90,905
Personnel Support for the Town of Vail Waste Characterization Study	Edwards,Harry W Kostrzewa,Michael F	Mechanical Engineering Town of Vail	12/21/95- 07/01/96	5342 \$1,712
Dynamometer Development of a Small Displacement Natural Gas Engine	Puzinauskas,Paulius	Mechanical Engineering ECOS Energy Systems	04/03/95- 09/30/95	6087 \$55,835
Spark-plug Evaluation	Puzinauskas,Paulius	Mechanical Engineering Competition Cams Corp	08/23/95- 09/23/95	6127 \$9,361
Code Development	Burns,Patrick J	Mechanical Engineering U.S. Enrichment Corporation	11/01/95- 10/31/96	9314 \$28,000
Prototype Development of a Variable Angle Drywall Tool	Troxell,Wade O Hoefs,Sandra L	Mechanical Engineering State of Kansas	11/03/95- 01/31/96	9752 \$2,617
UCAR Visiting Scientist Position for COMET	Kelsch,Matthew Vonderhaar,Thomas H	CIRA Admin Unit UCAR-NCAR-COMET Atmospheric Tech. Divis.	11/01/95- 09/30/96	1100 \$17,125
Climate Data Continuity with ASOS	McKee,Thomas B Doesken,Nolan J	CIRA Admin Unit DOC-NOAA-Natl Oceanic & Atmospheric Admn	10/01/93- 06/30/96	1139 \$141,850
Air-Sea Interaction Remote Sensing Processes	Vonderhaar,Thomas H Frisch,Alfred S	CIRA Admin Unit DOC-NOAA-Natl Oceanic & Atmospheric Admn	01/01/95- 06/30/96	1154 \$45,487
Production of an Hourly, 5Km, Global, Layered Cloud Product	Randel,David L	CIRA Admin Unit DOD-ARMY-ARO-Army Research Office	09/29/95- 03/28/96	2587 \$99,147
Assistance for Image Display & Data Analysis	Eis,Kenneth E	CIRA Admin Unit DOI-NPS-National Park Service	07/01/95- 06/30/96	4186 \$450,802
Statistical Analyses Related to Air Quality & Atmospheric Visibility	Iyer,Hariharan K	CIRA Admin Unit DOI-NPS-National Park Service	07/01/95- 06/30/96	4187 \$35,741
Human Assessment of Visual Air Quality	Bell,Paul A Ross,David M	CIRA Admin Unit DOI-NPS-National Park Service	07/01/95- 06/30/96	4188 \$59,156

College: Engineering -- Awards

<b>Title</b>	<b>Principal Investigator</b>	<b>Department/Sponsor Name</b>	<b>Dates</b>	<b>Proj#/\$ Amt.</b>
National Park Service Base Support Services	Eis,Kenneth E Vonderhaar,Thomas H	CIRA Admin Unit DOI-NPS-National Park Service	07/01/95- 06/30/96	4191 \$100,000

College: Natural Resources -- Awards

<b>Title</b>	<b>Principal Investigator</b>	<b>Department/Sponsor Name</b>	<b>Dates</b>	<b>Proj#/\$ Amt.</b>
Colorado State Forest Planning	Grier,Charles C	Forest Sciences State Board of Land Commissioners	09/01/93- 12/31/95	0536 \$12,000
Crow Hydrounit Analysis of Landsat Data	Hoffer,Roger M	Forest Sciences Colorado Division of Wildlife	10/01/95- 09/30/96	0852 \$20,000
IPA for Sheila Mochel	Shaw,Robert B	Forest Sciences DOD-ARMY-CERL-Const. Engineer. Res. Lab.	10/01/95- 09/30/96	2440 \$17,243
ITAM Advisor, Military Training Operations & Environmental Support for USAEC	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	11/13/95- 11/12/96	2588 \$93,639
Long Term Ecological Research Program - Shortgrass Steppe	Burke,Ingrid C Lauenroth,William K	Forest Sciences National Science Foundation	11/01/94- 10/31/96	3216 \$204,063
Why Does Forest Growth Decline with Stand Age -- An Experimental Test of Carbon...	Binkley,Daniel E	Forest Sciences University of Hawaii	01/15/94- 12/31/96	3451 \$26,779
Evaluating Environmental Restrictions on Timber Harvesting	Rideout,Douglas B Dean,Denis J	Forest Sciences National Council Air Stream Improvement	04/01/94- 03/31/96	5557 \$30,000
Service Agreement	Shaw,Robert B	Forest Sciences Calibre Systems, Inc.	10/10/95- 12/31/95	6137 \$7,180
Service Agreement	Shaw,Robert B	Forest Sciences Calibre Systems, Inc.	10/10/95- 12/31/95	6137 \$2,820
Natural Resource Inventory, Monitoring, & Management	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	07/22/92- 06/30/97	8700 \$60,300
First U.S./Mexico Workshop on Ecological Monitoring & Assessment of Terrestrial & Aquatic..	Betters,David R	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	02/08/95- 08/31/96	8743 \$6,973
Partnerships & Client-based Research in the Colorado Front Range	Berry,Joyce K Dyer,Archie A	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	09/01/95- 06/30/96	8842 \$10,000
Environmental Management Administration	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	09/14/95- 06/30/00	8900 \$1,984
Environmental Management Administration	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	09/14/95- 06/30/00	8900 \$12,482
Environmental Management Administration	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	09/14/95- 06/30/00	8900 \$60,750
Environmental Management Administration	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	09/14/95- 06/30/00	8900 \$4,725
Environmental Management Administration	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	09/14/95- 06/30/00	8900 \$99,156
NRCTM - Remote Sensing/GIS Application Development for the Land Condition Trend Analys...	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	09/14/95- 06/30/00	8901 \$11,246
NRCTM - Endangered Species Data Analysis & Management Plan for Fort Hood, Texas	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	09/14/95- 06/30/00	8902 \$70,738
NRCTM - Services to Implement the Integrated Training Area Management Program for Ft...	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	09/14/95- 06/30/00	8903 \$344,250



College: Natural Resources -- Awards

<b>Title</b>	<b>Principal Investigator</b>	<b>Department/Sponsor Name</b>	<b>Dates</b>	<b>Proj#/\$ Amt.</b>
NRCTM - Fort Carson, Colorado, Multi-dimensional Sphere Model	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	09/14/95- 06/30/00	8904 \$26,775
NRCTM - Fort McCoy, Wisconsin, ITAM/Oak Ecosystems	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	09/14/95- 06/30/00	8905 \$2,448
NRCTM - Fort Carson Category II Plant Inventory	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	09/14/95- 06/30/00	8906 \$11,476
NRCTM - Services to Support Balduina atropurpurea Research at Fort Stewart, Georgia	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	09/14/95- 06/30/00	8907 \$18,163
NRCTM - GIS Data Development & Map Production, Wyoming Army National Guard	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	09/14/95- 06/30/00	8908 \$20,561
NRCTM - Wildlife Management Program Support for Fort Belvoir, Virginia	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	09/14/95- 06/30/00	8909 \$26,775
NRCTM - Integrated Training Area Management for Fort McCoy	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	09/14/95- 06/30/00	8910 \$76,500
NRCTM - Integrated Training Area Management Program for U.S. Army, Alaska	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	09/14/95- 06/30/00	8911 \$76,500
NRCTM - Cultural Resources Survey & Management for Fort Drum, New York	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	09/14/95- 06/30/00	8912 \$306,519
NRCTM - Mexican Spotted Owl Survey	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	09/14/95- 06/30/00	8913 \$22,950
Population Modeling	White,Gary C	Fishery & Wildlife Biology Colorado Division of Wildlife	07/01/95- 06/30/96	0827 \$60,000
Impact of Renibacterium Salmoniarum on Populations of Selected Salmonide	Behnke,Robert J	Fishery & Wildlife Biology Colorado Division of Wildlife	09/01/95- 05/31/96	0850 \$12,120
Fish & Invertebrate Biomass Estimates Using Hydroacoustics	Johnson,Brett M	Fishery & Wildlife Biology Colorado Division of Wildlife	07/01/95- 06/30/96	0859 \$23,736
Larval Fish Laboratory Involvement in Implementing Recovery Actions for the Endangered..	Muth,Robert T	Fishery & Wildlife Biology DOI-Bureau of Reclamation	10/01/89- 09/30/96	1845 \$14,500
Effects of Winter & Spring Flows on Colorado Squawfish	Beyers,Daniel W Bestgen,Kevin R	Fishery & Wildlife Biology DOI-Bureau of Reclamation	10/01/94- 09/30/96	1846 \$5,000
Flaming Gorge Studies: Technical Integration & Synthesis	Muth,Robert T	Fishery & Wildlife Biology DOI-Bureau of Reclamation	10/01/94- 09/30/96	1847 \$10,000
Effects of Commercial Agriculture Stickers, Surfactants, & Extenders on Residue Retent...	Andelt,William F	Fishery & Wildlife Biology USDA-APHIS-Animal Damage Control	10/01/95- 09/30/96	2068 \$3,960
Long-Term Ecological Research - Luquillo Experimental Forest	Covich,Alan P	Fishery & Wildlife Biology University of Puerto Rico	10/15/94- 10/14/96	3464 \$18,266
Colorado State-wide Riparian Inventory & Classification	Pague,Christopher A	Fishery & Wildlife Biology DOI-Bureau of Reclamation	08/09/95- 06/08/96	4156 \$10,000
Response of Elk to Prescribed Fire	Allredge,A William	Fishery & Wildlife Biology Rocky Mountain Elk Foundation	10/01/95- 09/30/96	5287 \$11,500

College: Natural Resources -- Awards

<b>Title</b>	<b>Principal Investigator</b>	<b>Department/Sponsor Name</b>	<b>Dates</b>	<b>Proj#/\$ Amt.</b>
Blue Mountain Elk Study	Allredge,A William	Fishery & Wildlife Biology Rocky Mountain Elk Foundation	09/01/95- 08/31/96	5298 \$15,182
Population Dynamics of Elk in the Upper Eagle River Valley	Allredge,A William	Fishery & Wildlife Biology Vail Associates, Inc.	04/01/94- 03/31/97	6012 \$16,238
Effects of Depleted Uranium on Ecological Processes: Succession & Decomposition	McLendon,Terry	Rangeland Ecosystem Science DOD-ARMY-CERL-Const. Engineer. Res. Lab.	09/25/95- 09/24/96	2589 \$13,292
Long Term Ecological Research Program - Shortgrass Steppe	Lauenroth,William K Burke,Ingrid C	Rangeland Ecosystem Science National Science Foundation	11/01/94- 10/31/96	3215 \$174,211
Inventory & Monitoring Threatened & Endangered Plants	Bonham,Charles D	Rangeland Ecosystem Science USDA-USFS-Rocky Mtn. Experiment Station	10/01/95- 06/30/98	8841 \$30,044
Development of Revegetation Manual for the Hanford DOE Site	McLendon,Terry	Rangeland Ecosystem Science Bechtel Hanford, Inc.	09/05/95- 12/31/96	9313 \$105,000
Northern Colorado Youth Naturally	Rodriguez,Donald A	Nat Resource Recreation & Tourism Colorado Division of Wildlife	07/01/95- 06/30/96	0847 \$15,000
Teacher Training in Wilderness Education	Haas,Glenn E	Nat Resource Recreation & Tourism USDA-USFS-Forest Research	09/28/93- 04/15/96	8746 \$1,500
Arkansas River Basin Research Study	Stednick,John D Davies,Patrick	Earth Resources Colorado Division of Wildlife	11/01/95- 10/31/96	0874 \$25,000
Interdisciplinary Approaches to Identification & Mitigation of NPS Water Quality Impacts	Stednick,John D	Earth Resources University of Wyoming	09/15/94- 08/31/96	3467 \$45,000
Application of Re-Os Systematics to Fennoscandian Ore Geology History	Hannah,Judith L Markey,Richard	Earth Resources Stockholm University	11/01/95- 12/31/96	5336 \$7,000
Re-Os Studies in Ore-forming Systems	Hannah,Judith L	Earth Resources BHP Minerals	11/01/95- 10/31/96	6150 \$25,000
Boreal Toad Studies	Anderson,David R	Cooperative Fish & Wildlife Research Colorado Division of Wildlife	09/01/95- 08/31/96	0851 \$24,000
Stress Factors in Whirling Disease	Bergersen,Eric P	Cooperative Fish & Wildlife Research Colorado Division of Wildlife	01/01/96- 12/31/96	0879 \$22,200
Ranking Conservation Priorities of Vertebrates in Colorado	Gross,John E	Natural Resource Ecology Lab Colorado Division of Wildlife	10/10/95- 06/30/96	0860 \$70,000
Ecological Modelling in Support of County Decision Making (GIS)	Hobbs,N Thompson	Natural Resource Ecology Lab Colorado Division of Wildlife	10/20/95- 06/30/96	0867 \$92,931
Development & Management of the USDA UV-B Monitoring Program	Gibson,James H Bigelow,David S	Natural Resource Ecology Lab USDA-CSRS-Coop. States Research Service	08/01/94- 07/31/96	1414 \$1,465,447
The National Atmospheric Deposition Program (NRSP-3)	Simmons,Carol L	Natural Resource Ecology Lab USDA-CSRS-Coop. States Research Service	10/01/92- 09/30/97	2113 \$49,240
Comparative Responses of Moist & Dry Tundra to Altered Snow Cover & Warmer Summer...	Welker,Jeffrey M	Natural Resource Ecology Lab National Science Foundation	07/15/94- 06/30/96	3093 \$96,642
Long Term Ecological Research Program - Shortgrass Steppe	Lauenroth,William K Burke,Ingrid C	Natural Resource Ecology Lab NSF-Biological Centers	11/01/94- 10/31/96	3214 \$181,726

College: Natural Resources -- Awards

<b>Title</b>	<b>Principal Investigator</b>	<b>Department/Sponsor Name</b>	<b>Dates</b>	<b>Proj#/\$ Amt.</b>
Long-Term Intersite Experiments of Leaf & Fine Root Decomposition	Parton,William J	Natural Resource Ecology Lab Oregon State University	10/01/93- 12/31/96	3439 \$15,657
Long-Term Ecological Research on the Luquillo Experiment Forest	Parton,William J	Natural Resource Ecology Lab University of Puerto Rico	10/15/94- 10/14/96	3465 \$18,083
Integrated Assessment of Climate & Land Use Changes in the Central U.S.	Ojima,Dennis Kirchner,Thomas B	Natural Resource Ecology Lab University of Nebraska	10/01/95- 09/30/98	3484 \$215,867
Regional Projections of C Dynamics with Global Change in the Central U.S.	Elliott,Edward T Cole,C Vernon	Natural Resource Ecology Lab University of Nebraska	07/01/93- 06/30/96	3920 \$68,400
An Integrated Investigation of Methane & Carbon Dioxide Fluxes in Mid-Latitude Prairie...	Valentine,David W Schimel,David S	Natural Resource Ecology Lab University of Nebraska	07/01/93- 06/30/96	3940 \$64,980
National Atmospheric Deposition Program - 1995-1996	Flagler,Richard B	Natural Resource Ecology Lab Various "Non-Profit" Sponsors	10/01/95- 03/31/97	5339 \$233,508
Agroecosystem Carbon Pools & Dynamics	Elliott,Edward T	Natural Resource Ecology Lab Environmental Protection Agency	07/15/93- 07/14/96	5828 \$300,000
Trace Gas Exchange in the Boreal Forest Biome: Effects of Fire & Beaver Activity	Ojima,Dennis	Natural Resource Ecology Lab Environmental Protection Agency	11/01/93- 10/31/96	5832 \$36,000
Assessing the Response of Three North American Pine Species to Ozone Using Ethylenedi...	Flagler,Richard B	Natural Resource Ecology Lab University of Massachusetts - Lowell	09/01/95- 08/31/96	5925 \$44,440
Rocky Flats Plant Ecological Monitoring Program	Elliott,Edward T	Natural Resource Ecology Lab Kaiser - Hill Company, L.L.C.	12/01/94- 09/30/96	6068 \$60,950
Evaluating Exposures to Individuals Near a Uranium Mill Site	Kirchner,Thomas B Hakonson,Thomas	Natural Resource Ecology Lab Cotter Corporation	10/16/95- 12/31/95	6141 \$59,098
Research in Agriculture	Elliott,Edward T	Natural Resource Ecology Lab USDA-ARS-Agricultural Research Service	10/01/95- 09/30/96	8001 \$5,077
Research in Agriculture	Elliott,Edward T	Natural Resource Ecology Lab USDA-ARS-Agricultural Research Service	10/01/95- 09/30/96	8001 \$14,662

## College: Natural Sciences -- Awards

<b>Title</b>	<b>Principal Investigator</b>	<b>Department/Sponsor Name</b>	<b>Dates</b>	<b>Proj#/\$ Amt.</b>
Study Groups in Sciences (CIMD)	Wilburn,Rezzella H	Dean of Natural Sciences Arizona State University	08/25/95- 08/24/96	3406 \$177
Undergraduate Biological Sciences Education	Gorell,Thomas A	Dean of Natural Sciences HHMI-Howard Hughes Medical Institute	07/01/89- 06/30/96	5174 \$107,676
Colorado Statewide Systems Initiative	Stein,Fredrick M	Center for Science, Math & Tech Edu Colorado Department of Education	09/01/93- 08/31/96	0591 \$22,500
Cloning & Characterization of Novel bHLH Protein Involved in Neurogenesis	Chiarangelo,Anne E	Biochemistry & Molecular Biology Council for Tobacco Research - USA, Inc.	01/01/96- 12/31/96	5335 \$73,899
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 \$165,922
Optical Properties of Biological Macromolecules	Woody,Robert W	Biochemistry & Molecular Biology HHS-PHS-Biophysics & Physiological Sci.	12/01/95- 11/30/96	7669 \$219,481
Primary Photochemistry in Bacterial Reaction Centers	Schenck,Craig C Tang,Shoou Yu	Biochemistry & Molecular Biology HHS-PHS-Cellular & Molecular / Research	10/01/95- 09/30/96	7915 \$29,900
1995-1996 Program of Excellence	Anderson,Oren P	Chemistry CCHE-Commission on Higher Education	07/01/95- 06/30/96	0800 \$75,000
Electroactive Polymers - Application to Analysis, Catalysis & Fundamental Studies	Elliott,C Michael	Chemistry National Science Foundation	06/01/93- 05/31/97	3372 \$98,000
Asymmetric Synthesis of $\alpha$ -Amino Acids	Williams,Robert M	Chemistry National Science Foundation	03/01/94- 08/31/97	3378 \$100,000
Polyoxoanion-Stabilized Transition Metal Nanoclusters: Soluble Analogs of Heterogeneous...	Finke,Richard G	Chemistry DOE-Office of Energy Research	12/01/95- 11/30/96	3805 \$112,000
Diosmacycloalkanes as Models for the Formation of Hydrocarbons from Surface Methylenes	Norton,Jack R	Chemistry US Department of Energy	11/01/95- 10/31/96	3806 \$122,535
Surfactant & Protein Interactions at Biomedically Relevant Interfaces	Grainger,David	Chemistry Oregon State University	10/01/94- 12/31/95	5302 \$6,720
Symposium Metallo Enzymes Structure, Function Mechanisms & Models	Crans,Debbie C	Chemistry American Chemical Society	01/01/96- 12/01/96	5343 \$1,000
Development of NMR Lineshape Software	Maciel,Gary E	Chemistry Otsuka Electronics	12/01/95- 08/31/96	6154 \$19,345
Copper-based CO Adsorbents with CO/Cu Ratios Greater than 1.0	Strauss,Steven H	Chemistry Air Products & Chemicals Inc	11/01/95- 10/31/96	6156 \$61,000
Preparation, Testing & Developing New Vanadium Compounds as Oral Therapeutic Agents...	Crans,Debbie C	Chemistry Bayer Company	12/01/95- 11/30/96	6157 \$16,675
Purchase of Single Crystal X-Ray Diffraction System	Anderson,Oren P	Chemistry HHS-DRR-Biomedical Research Support Gnt.	09/30/95- 09/29/96	7712 \$295,600
Measurement of Sticking Coefficients During Plasma Deposition & Etching	Fisher,Ellen R	Chemistry Sandia Corporation/Sandia National Lab.	12/06/95- 11/30/96	9317 \$50,049
Reuse Metrics for Object Oriented Software	Bieman,James M	Computer Science NASA-Langley Research Center	12/02/95- 12/01/96	1973 \$35,000

College: Natural Sciences -- Awards

<b>Title</b>	<b>Principal Investigator</b>	<b>Department/Sponsor Name</b>	<b>Dates</b>	<b>Proj#/\$ Amt.</b>
Integrated Color CCD & LADAR Based Object Modeling & Recognition	Beveridge,J Ross	Computer Science DOD-ARMY-ARO-Army Research Office	09/01/93- 08/31/96	2459 \$238,613
Image Understanding Environment: Image Object Hierarchical Representations, Data...	Beveridge,J Ross	Computer Science Battelle, Research Park Triangle	10/01/94- 09/30/96	2609 \$20,000
Penning Trap Ion Dynamics	Lee,Siu Au	Physics DOC-NIST-Nat. Inst. Standards & Tech..	10/01/95- 10/31/95	1283 \$4,473
High Frequency Physics of Magnetic Thin Films, Multilayers, & Superlattices for Future...	Patton,Carl E	Physics DOD-NAVY-ONR-Office of Naval Research	10/01/93- 09/30/96	2469 \$114,269
Sodium Lidar Study of Temperature & Wind Structures & Momentum Flux in the Midaltitude...	She,Chiaoyao Krueger,David A	Physics NSF-GEO-Geosciences	01/01/95- 12/31/96	3048 \$100,000
Device Physics of Thin-Film Polycrystalline Cells & Modules	Sites,James R	Physics Midwest Research Institute - NREL	12/06/93- 12/05/96	3948 \$110,000
Leadership Development Assessment Center Implementation	Thornton,George C	Psychology Colorado Department of Transportation	10/18/95- 05/30/96	0866 \$15,000
Drug Use Among Young Indians: Epidemiology & Prediction (Supplement)	Beauvais,Frederick	Psychology HHS-PHS-Drug Abuse Research Programs	04/01/95- 03/31/96	4634 \$49,999
Drug Use Among Young Indians: Epidemiology & Prediction (Supplement)	Beauvais,Frederick	Psychology HHS-PHS-Drug Abuse Research Programs	04/01/95- 03/31/96	4635 \$13,688
CASE-Pharmaceutical Drug Trial	Tweedie,Richard L	Statistics University of Colorado Health Sci Ctr	10/01/95- 06/30/96	0869 \$40,873
CASE-Analysis of Homeless Schizophrenic	Tweedie,Richard L	Statistics University of Colorado Health Sci Ctr	07/01/95- 06/30/96	0870 \$53,222
Statistical Evaluation of Aboriginal Management Schemes for the Bowhead Whale	Givens,Geof H	Statistics Alaska Department of Wildlife Management	08/01/95- 06/30/96	5338 \$62,710
CASE-General Account for Statistical Research	Zumbrunnen,James R	Statistics Various "For Profit" Sponsors	09/01/95- 12/31/96	6131 \$4,761
CASE-General Account for Statistical Research	Zumbrunnen,James R	Statistics Various "For Profit" Sponsors	09/01/95- 12/31/96	6131 \$160
Miscellaneous Services of Statistics Laboratory	Tweedie,Richard L	Statistics USDA-ARS-Agricultural Research Service	10/01/95- 09/30/96	8006 \$413
Miscellaneous Services of Statistics Laboratory	Tweedie,Richard L	Statistics USDA-ARS-Agricultural Research Service	10/01/95- 09/30/96	8006 \$7,288
Surveying & Monitoring of Rare Populations	Hoeting,Jennifer A Bowden,David C	Statistics USDA-USFS-Forest Research	08/01/95- 09/30/97	8840 \$74,999
Chemical Repellants & Baits for Brown Tree Snakes & Birds	Herbers,Joan M	Biology USDA-APHIS-Animal Damage Control	10/01/95- 09/30/96	2069 \$19,850
Evolution of Complex Colony Structure in Social Insects	Herbers,Joan M	Biology NSF-Biological Centers	07/01/95- 06/30/97	3227 \$68,168
Evolution of Complex Colony Structure in Social Insects - Off Campus Project	Herbers,Joan M	Biology NSF-Biological Centers	07/01/95- 06/30/97	3229 \$12,832

College: Natural Sciences -- Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj#/\$ Amt.
Nutritional Ecology of the Desert Tortoise	Tracy,C Richard	Biology USDI-National Biological Survey	09/07/94- 04/30/96	4141 \$20,533
Molecular Cloning of the Methoprene-Tolerant Gene	Wilson,Thomas G	Biology American Cyanamid Company	07/01/94- 12/31/97	6027 \$45,000

College: Veterinary Medicine & Biomedical Sciences -- Awards

<b>Title</b>	<b>Principal Investigator</b>	<b>Department/Sponsor Name</b>	<b>Dates</b>	<b>Proj#/\$ Amt.</b>
Protocol 258-04, Testing Rabies Vaccines in a Pre-Exposure Three-Dose & Booster Regimen	Jones,Robert L	Dean of Veterinary Medicine Connaught Laboratories, Inc.	10/01/95- 12/31/98	6136 \$154,022
Protocol 258-03, Testing Rabies Vaccine in a Five-dose Simulated Post-exposure Regimen	Jones,Robert L	Dean of Veterinary Medicine Connaught Laboratories, Inc.	10/01/95- 12/31/96	6140 \$97,750
Inhibitory Regulation of Axonal & Dendritic Growth Cones--Stipend Account	Bamburg,James R Shibata,Annemarie	Anatomy & Neurobiology HHS-NIH-NIMH-Nat Inst of Mental Health	12/01/95- 11/30/96	4904 \$13,008
Calcium Channels & Tonic Fibers of Extraocular Muscle	Korotzer,Andrew R Beam,Kurt G	Anatomy & Neurobiology HHS-PHS-Vision Research	10/01/95- 09/30/96	4968 \$23,700
Manipulation of CNS Cells via Immunoliposomes	Nornes,Howard O Neuman,Toomas	Anatomy & Neurobiology Spinal Cord Society	03/01/95- 12/31/95	5104 \$14,100
Modelling Gene Therapeutic Approaches in the SCID - hu Mouse	Akkina,Ramesh K	Pathology University of California-Los Angeles	05/01/95- 04/30/96	4341 \$61,201
Role of Sand Fly & Tick Saliva in Disease	Titus,Richard	Pathology HHS-PHS-AID-Microbio & Infectious Dis Re	02/01/95- 01/31/96	4404 \$111,336
Immunoregulation in Murine Malaria: Supplement for Underrepresented Minorities	Dean,Charles E Wassom,Donald L	Pathology HHS-PHS-AID-Microbio & Infectious Dis Re	04/01/95- 03/31/96	4628 \$33,384
Developmental Toxicology & Immunotoxicology of Cocaine / Postdoctoral Fellowship	Bohn,Andrea A Frank,Anthony A	Pathology HHS-PHS-Drug Abuse Nat Res Srv Award	11/01/95- 10/31/96	4916 \$30,800
BARD-Israel Agreement	Demartini,James C	Pathology BARD-Binational Agri. Res. & Devel. Fund	09/15/94- 09/30/97	5722 \$28,000
Efficacy of 4MP as Treatment for Ethylene Glycol Toxicosis in the Cat	Thrall,Mary Anna	Pathology Orphan Medical	10/15/95- 10/14/96	6160 \$30,029
Multivalent Virus Vected Vaccines for Sheep / 104-15	Demartini,James C	Pathology Washington State University	10/01/93- 09/30/95	9024 \$10,812
Regulation of LH Receptors & Progesterone Secretion	Niswender,Gordon D	Physiology HHS-PHS-Population Research	12/01/95- 11/30/96	7637 \$145,213
Distribution & Dynamics of Radionuclides in Ecosystems of the Savannah River Site	Whicker,Floyd W	Radiological Health Sciences University of Georgia	10/01/93- 09/30/96	3942 \$40,523
Distribution & Dynamics of Radionuclides in Ecosystems of the Savannah River Site	Whicker,Floyd W	Radiological Health Sciences University of Georgia	10/01/93- 06/14/96	3943 \$52,688
Radiological Environmental Monitoring Program	Johnson,James E	Radiological Health Sciences Public Service Company of Colorado	01/01/96- 12/31/96	6158 \$53,014
Mutagenicity in the AC/PECH Cell System of Food Mutagens	Waldren,Charles A	Radiological Health Sciences Nabisco Company	01/01/91- 12/14/96	6569 \$66,973
Hyperthermia & Perfusion Effects in Cancer Therapy	Gillette,Edward L	Radiological Health Sciences Duke University	09/29/95- 07/31/96	7714 \$153,807
Hyperthermia & Perfusion Effects in Cancer Therapy	Gillette,Edward L	Radiological Health Sciences Duke University	09/29/95- 07/31/96	7715 \$34,694
Landmine Detection by Compton Backscatter Imaging: Data Analysis	Campbell,John G	Radiological Health Sciences Sandia Corporation/Sandia National Lab.	11/10/95- 06/30/96	9316 \$29,950

College: Veterinary Medicine & Biomedical Sciences -- Awards

<b>Title</b>	<b>Principal Investigator</b>	<b>Department/Sponsor Name</b>	<b>Dates</b>	<b>Proj#/\$ Amt.</b>
Lead Research	Reif,John S	Environmental Health Colorado Dept Public Health & Environ	10/01/95- 09/30/96	0856 \$32,815
Lead Research	Reif,John S	Environmental Health Colorado Dept Public Health & Environ	10/01/95- 09/30/96	0857 \$4,439
Factors Associated with Relinquishment of Dogs & Cats	Salman,Mowafak D	Environmental Health Natl Council Pet Population Study/Policy	01/01/95- 12/31/96	5032 \$4,000
Training Programs in Veterinary Epidemiology	Salman,Mowafak D	Environmental Health Teachers of Veterinary Public Health	01/01/94- 12/31/96	5537 \$1,650
Training Programs in Veterinary Epidemiology	Salman,Mowafak D	Environmental Health Teachers of Veterinary Public Health	01/01/94- 12/31/96	5537 \$1,200
Pilot Study to Evaluate the Relationship Between Birth Weight & Exposure to Byproducts...	Nuckols,John R	Environmental Health Environmental Protection Agency	10/01/94- 09/30/96	5841 \$99,992
Biomarkers & Effects of Estrogenic Environmental Chemicals in Frogs	Ramsdell,Howard S	Environmental Health Environmental Protection Agency	10/01/95- 09/30/97	5852 \$67,977
Organochlorine Compounds & Risk of Breast Cancer	Tessari,John Domenic	Environmental Health Yale University	09/30/95- 09/29/96	7504 \$34,664
An Exposure Matrix for Construction Painters	Bigelow,Philip L	Environmental Health HHS-Occup Safety/Health Research Grants	09/30/95- 09/29/96	7633 \$52,652
A Resource for TB Vaccine Testing	Orme,Ian M	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	02/01/95- 01/31/96	4852 \$28,000
A Resource for TB Vaccine Testing	Orme,Ian M	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	02/01/95- 01/31/96	4858 \$29,145
A Densovirus Pathogenic for Anopheles Mosquitoes	Carlson,Jonathan O	Microbiology WHO-World Health Organization	12/01/95- 11/30/96	5340 \$10,000
Analyze New Adjuvant	Brennan,Patrick J	Microbiology Bioniche of London Ontario, Canada	07/01/94- 12/31/96	6039 \$5,357
Analysis of Biomass from Pseudomonas Species	Chatterjee,Delphi	Microbiology DynaGen, Inc.	11/01/95- 10/31/96	6134 \$10,874
Use of the Guinea Pig Aerogenic Infection Model to Evaluate Vaccines for Tuberculosis	Orme,Ian M	Microbiology Chiron Corporation	07/01/95- 06/30/96	6142 \$14,345
Osteogenesis via the Deconstruction of Strain History	Turner,Anthony Simon	Clinical Sciences Univer. of New York Research Foundation	12/01/95- 12/01/96	5341 \$16,360
Harrison Memorial Animal Hospital/CCU - VTH Orthopedic Outreach	Egger,Erick L Schwarz,Peter D	Clinical Sciences Animal Assistance Foundation	01/01/96- 01/01/97	5415 \$2,260
Bone Implant Interface / Sheep - Depuy	Turner,Anthony Simon	Clinical Sciences DePuy Inc.	02/10/94- 12/31/95	6004 \$3,295
The Effects of Cis-Diammine Dichloroplatinum II Released from Polymer Delivery Devices...	Straw,Rodney C Withrow,Stephen J	Clinical Sciences Atrix, Inc.	08/20/94- 08/19/96	6044 \$5,000
Pilot Evaluation of Efficacy of NSAID in a Surgically Created Model of Osteoarthritis	Schwarz,Peter D	Clinical Sciences Fort Dodge Laboratories	10/31/94- 01/01/97	6067 \$22,386



College: Veterinary Medicine & Biomedical Sciences -- Awards

<b>Title</b>	<b>Principal Investigator</b>	<b>Department/Sponsor Name</b>	<b>Dates</b>	<b>Proj#/\$ Amt.</b>
Aging on Bone-Implant Interface	Turner,Anthony Simon	Clinical Sciences Howmedica	02/10/94- 01/01/97	6100 \$34,217
Evaluation of the Effects of Lofrin in Dogs with Acute Synovitis	Schwarz,Peter D	Clinical Sciences Abbott Laboratories	10/16/95- 10/15/96	6139 \$6,887
Target Animal Safety Study for Uniprim 24% Injection in Horses	McCue,Patrick M	Clinical Sciences Macleod Pharmaceuticals, Inc	10/26/95- 06/30/96	6143 \$40,000
Flexor Tendon Repair using a Tendon Splice in a Sheep Model	Turner,Anthony Simon	Clinical Sciences Ethicon, Inc	10/01/95- 09/30/96	6144 \$16,330
A Rodent Model to Evaluate Postvaccinal Reactions in Cats	Macy,Dennis W Powers,Barbara E	Clinical Sciences Pfizer Inc - Animal Health	11/01/95- 10/31/96	6147 \$7,500
Determination of the Cause of Acute Deaths in Animals on Cripple Creek, Colorado	Knight,Anthony P Glock,Robert D	Clinical Sciences Cripple Creek & Victor Gold Mining Co	10/27/95- 10/31/96	6148 \$5,000
Prevalence of Bartonella henselae Antibodies in the Serum & Aqueous Humor of Clinicall..	Lappin,Michael R	Clinical Sciences PARAVAX, Inc.	12/01/95- 11/30/96	6152 \$9,306
Propofol Clinical Field Trial	Gaynor,James S	Clinical Sciences Mallinckrodt Veterinary, Inc.	11/01/95- 10/31/96	6153 \$5,290
Laboratory Attenuated Equine Influenza Study	Belknap,Ellen B Collins,James K	Clinical Sciences PARAVAX, Inc.	01/01/96- 12/01/96	6159 \$20,281
Toxoplasma Gondii-Specific IgM, IgG, & IgA Responses in the Serum, Salvia & Duodenal...	Lappin,Michael R	Clinical Sciences PARAVAX, Inc.	12/15/93- 12/14/95	6892 \$4,799

College: Other -- Awards

<b>Title</b>	<b>Principal Investigator</b>	<b>Department/Sponsor Name</b>	<b>Dates</b>	<b>Proj#/\$ Amt.</b>
Fellowship for Jan Kok	Jaros,Dean	Graduate School National Science Foundation	06/01/95- 05/31/97	3600 \$23,000
Fellowship for Maureen Schaffer	Jaros,Dean	Graduate School National Science Foundation	09/01/95- 05/31/97	3627 \$23,000
Fellowship for Tamera Minnick	Jaros,Dean	Graduate School National Science Foundation	09/01/95- 05/31/97	3628 \$23,000
Fellowship for Stephanie Vantress Bestlemeyer	Jaros,Dean	Graduate School National Science Foundation	06/01/95- 05/31/97	3629 \$23,000
Fellowship for Janette Manke	Jaros,Dean	Graduate School National Science Foundation	09/01/95- 05/31/97	3630 \$23,000
Fellowship for Megan Maddox	Jaros,Dean	Graduate School National Science Foundation	09/01/95- 05/31/97	3631 \$23,000
1995-96 Peace Corps Strategy Contract	Denney,Martha A	International Programs Action/Peace Corps	10/01/95- 09/30/96	1096 \$13,700
INTERACTE Colorado: Interactive Access to Training & Education for Colorado	Maher,Thomas G	Instructional Services CCHE-Commission on Higher Education	07/01/95- 06/30/96	0861 \$250,000
Colorado Department of Transportation Accident Investigation/Reconstruction	Wolfe,Gaylene M	Continuing Education-Administration Colorado Department of Transportation	12/01/95- 09/30/96	0876 \$133,000
Colorado Department of Transportation DUI Detection & Standardized Field Sobriety...	Wolfe,Gaylene M	Continuing Education-Administration Colorado Department of Transportation	12/01/95- 09/30/96	0877 \$67,200
Northern Front Range Air Quality Study	Smith,Ralph E	Vice President for Research Governors Office	09/19/95- 10/15/96	0835 \$50,000
ValleyLab Pig Lab - Symbiosis Bipolar Instrument Evaluation	Maul,Donald H	Laboratory Animal Resources ValleyLab, Inc.	09/06/95- 08/31/95	6146 \$2,374
Animal Studies Using Recombinant Hemoglobin Preparations	Maul,Donald H	Laboratory Animal Resources Somatogen	03/15/94- 03/15/96	6895 \$15,892
Design & Operation of Small Lysimeters	Ward,Robert C	Colorado Water Resources Res Inst State of Colorado	05/15/92- 06/30/96	0235 \$6,974
Improve the Effectiveness of the Current Research Information System to CSR Institutions...	Iron,Jennifer	Agricultural Experiment Station University of Vermont	09/10/95- 09/10/96	1309 \$16,000
DARE to be You Community Training	Miller-Heyl,Janet L	Cooperative Extension Colorado Dept Public Health & Environ	10/01/95- 09/30/96	0853 \$30,700
Family Nutrition Program for Colorado	Wilken,Karen K	Cooperative Extension Colorado Department of Human Service	10/01/95- 09/30/96	0855 \$874,732
Colorado STAND	Luevane,Carmen	Cooperative Extension Colorado Department of Transportation	10/04/95- 09/30/96	0858 \$148,447
Colorado STAND	Luevane,Carmen	Cooperative Extension Colorado Dept Human Service (use ZZHU00)	10/01/95- 06/30/96	0862 \$4,000
Colorado STAND	Luevane,Carmen	Cooperative Extension Colorado Department of Transportation	10/12/95- 09/30/96	0865 \$14,315

College: Other -- Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj#/\$ Amt.
Colorado Youth Council	Martin,Dorothy Hunt,Kimberly	Cooperative Extension Colorado Department of Education	11/01/95- 06/30/96	0871 \$8,800
Department of Local Affairs Work Study	Katers,Timothy J	Cooperative Extension Colorado Department of Local Affairs	07/01/95- 06/30/96	0872 \$3,900
Colorado Youth Council (CYC), 4-H Youth Development	Martin,Dorothy Anderson,Lora P	Cooperative Extension Colorado Department of Local Affairs	11/28/95- 09/30/96	0875 \$17,000
DARE to be You Primary Prevention for Preschoolers by Parents/Caregivers (Replication)..	Miller-Heyl,Janet L Fritz,Janet J	Cooperative Extension HHS-SAMHSA-CSAP-Ctr Substance Abuse Prvn	09/30/95- 09/29/96	4416 \$248,546
Family Skill Building Workshops for Juvenile Diversion Criteria Youth & Parents	Miller-Heyl,Janet L	Cooperative Extension Montezuma County Partners, Inc.	10/01/95- 09/30/96	5053 \$18,046
Multijurisdictional Drug Task Force	Hopkins,Donn	University Police City of Loveland, Colorado	10/01/95- 09/30/96	5041 \$34,347
Colorado Corps	Finch,Brad K	Community Services Colorado Campus Compact	10/01/94- 07/31/96	0725 \$1,722
Service Integration Project	Keller,Victoria Peer Hall,Bruce	Community Services Corporation for National & Community Srv	09/01/95- 08/31/96	1094 \$73,652
CIMD Coalition to Increase Minority Degrees (AAC Supplemental Instruction)	Wilburn,Dale	Academic Advancement Center Arizona State University	08/25/95- 08/24/96	3404 \$176