

Office of Vice President for Research

Research Proposals Submitted
and
Research Awards Received

July - September 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>
93-94	2nd	Natural Resources	Range Land Sci	DOD	5	\$122 Million
	4th	Vet Med & Bio Sci	Envir Health	HHS	5	\$11 Million
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

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	\$6.5 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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Detailed List of Awards Received for Current Quarter
Sequential within College by Department Number

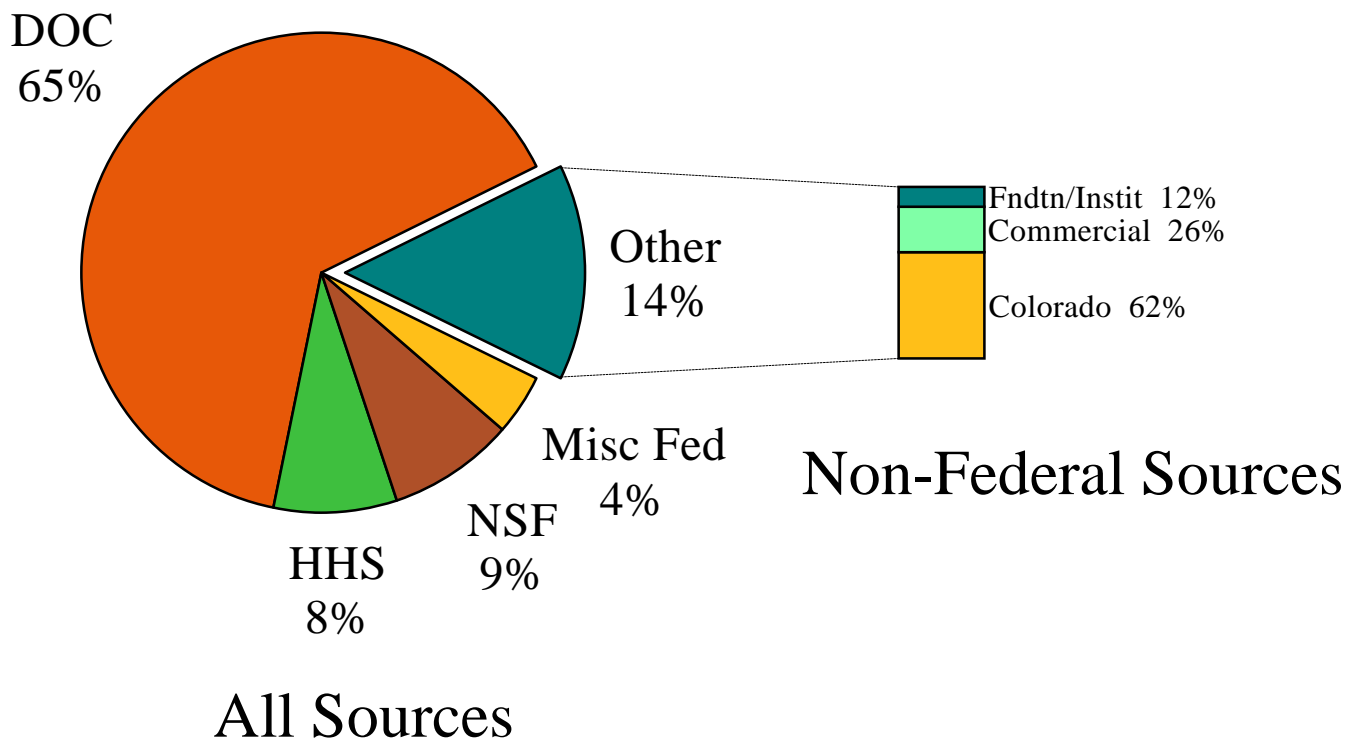
Section I

Historical Summaries

Historical and Current Quarter Proposal Summaries

Proposals by Fund Source

Quarter Ending September 1995



Comparison of Current Quarter Proposals to Same Quarter Previous Fiscal Year

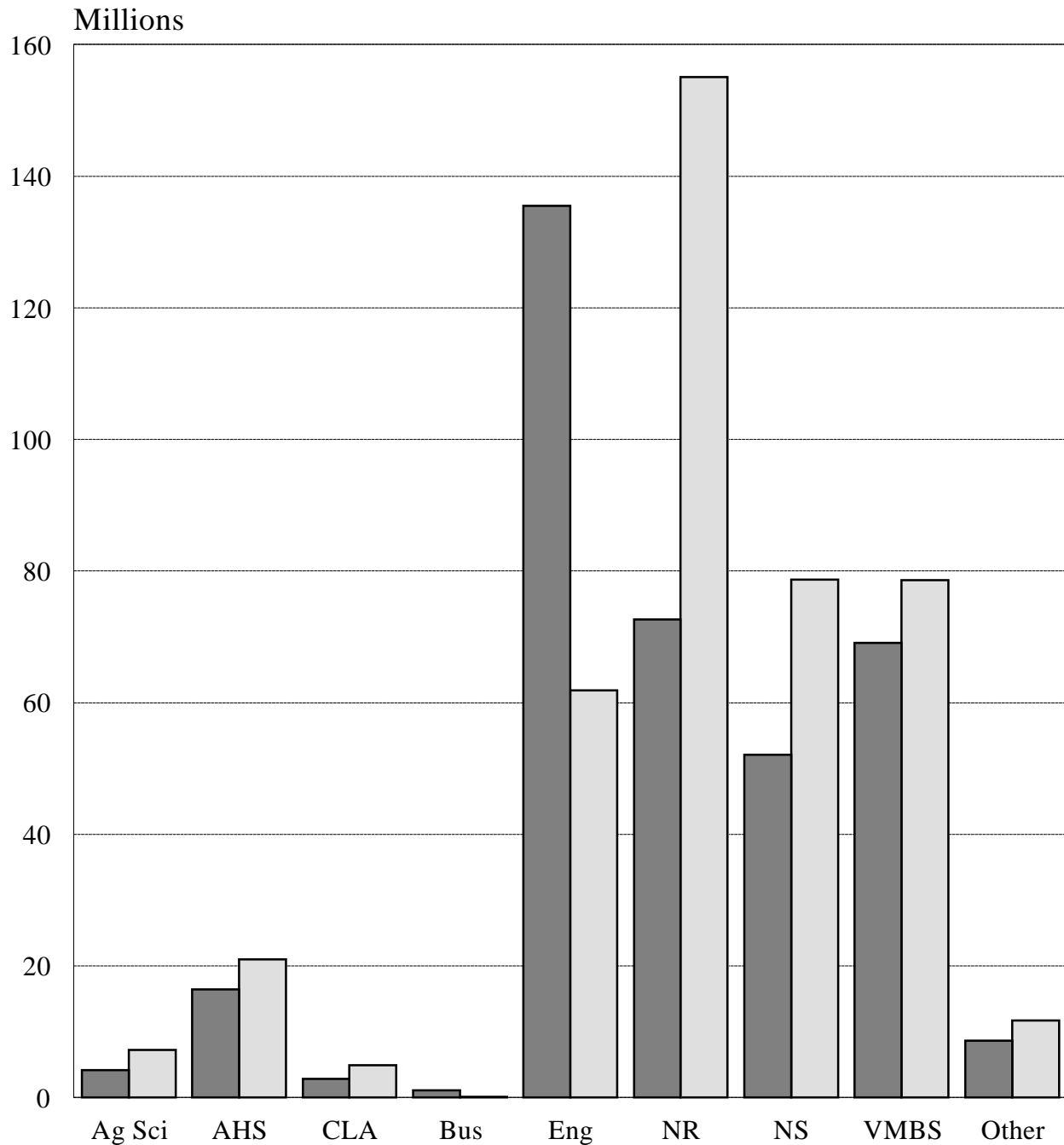
<u>Sponsor Name</u>	07/01/95 - 09/30/95		07/01/94 - 09/30/94	
	<u>Number</u>	<u>Amount</u>	<u>Number</u>	<u>Amount</u>
Commercial	38	\$4,726,936	40	\$2,932,300
Foundations	16	\$1,939,327	11	\$467,682
Institutes	2	\$147,055	1	\$210,420
State of Colorado	17	\$11,151,711	23	\$6,963,786
USDA - Department of Agriculture	11	\$1,290,460	6	\$353,053
DOC - Department of Commerce	* 5	\$80,976,216	8	\$1,772,750
Commission on National & Community Serv	0	\$0	1	\$95,401
DOD - Department of Defense	16	\$2,474,468	25	\$9,372,641
DOEd - Department of Education	0	\$0	1	\$147,902
DOE - Department of Energy	1	\$389,321	8	\$3,037,823
EPA - Environmental Protection Agency	1	\$20,540	5	\$1,285,333
HHS - Health & Human Services Department	15	\$10,078,614	22	\$14,819,217
USDI - Department of the Interior	2	\$35,650	4	\$959,650
DOJ - Department of Justice	0	\$0	1	\$198,858
DOL - Department of Labor	0	\$0	1	\$462,078
NASA - National Aeronautics & Space Admin.	0	\$0	5	\$1,685,843
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	33	\$10,867,963	30	\$9,681,267
NRC - Nuclear Regulatory Commission	0	\$0	1	\$99,946
USIA - U.S. Information Agency	<u>0</u>	<u>\$0</u>	<u>1</u>	<u>\$66,523</u>
*** TOTAL ***	158	\$124,121,852	198	\$54,696,973

* See Foreword.

Proposals by College

Comparison of Consecutive 12 Months

■ Recent 12 Months □ Previous 12 Months



October - September

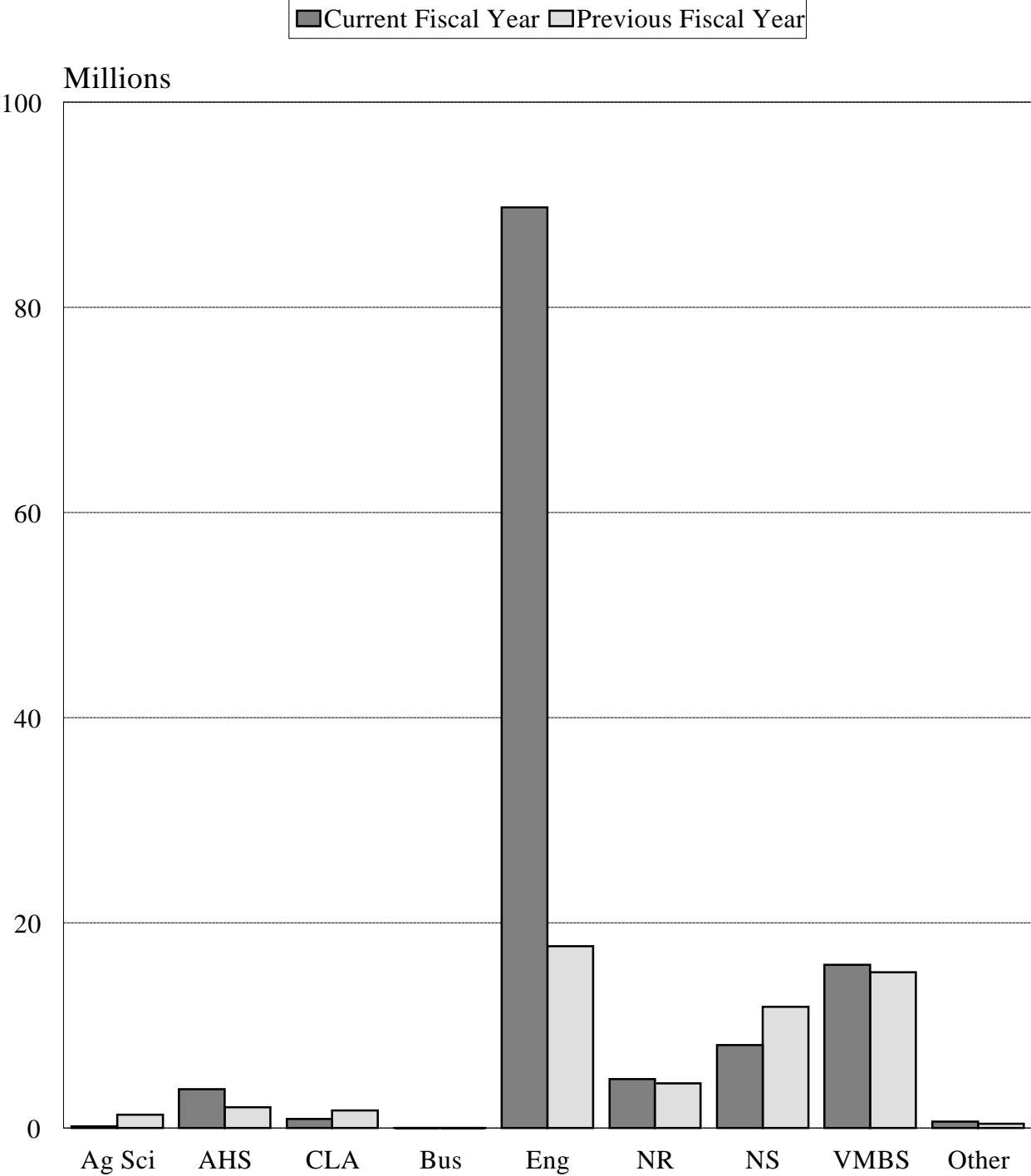
Comparison Consecutive 12 Months Proposals to Same Period Previous Year

<u>College Name</u>	10/01/94 - 09/30/95		10/01/93 - 09/30/94	
	<u>Number</u>	<u>Amount</u>	<u>Number</u>	<u>Amount</u>
Ag Sci - Agricultural Sciences	43	\$4,156,006	60	\$7,280,415
AHS - Applied Human Sciences	* 40	\$16,438,808	76	\$21,010,188
CLA - Liberal Arts	11	\$2,851,826	17	\$4,895,219
Bus - Business	6	\$1,101,880	4	\$108,670
Eng - Engineering	* 201	\$135,485,185	205	\$61,852,027
NR - Natural Resources	* 143	\$72,617,813	107	\$155,065,239
NS - Natural Sciences	* 165	\$52,126,790	191	\$78,690,706
VMBS - Veterinary Med. & Bio. Sciences	169	\$69,063,801	185	\$78,640,155
Other - Other	39	\$8,642,294	47	\$11,696,674
*** TOTAL ***	817	\$362,484,403	892	\$419,239,293

* See Foreword.

Proposals by College for Quarter

Comparison of Proposal Submissions



July - September

**Comparison of Current Quarter and Fiscal Year to Date Proposals
to Same Time Period Previous Fiscal Year**

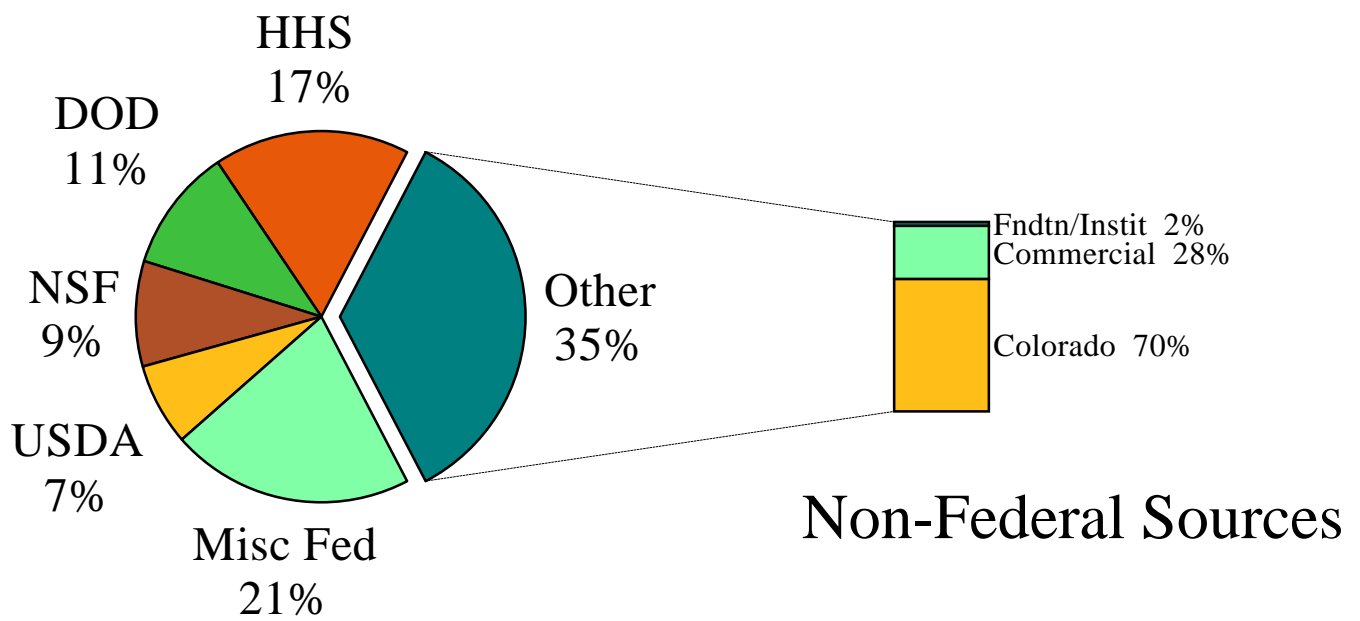
<u>College Name</u>	07/01/95 - 09/30/95		07/01/94 - 09/30/94	
	<u>Number</u>	<u>Amount</u>	<u>Number</u>	<u>Amount</u>
Ag Sci - Agricultural Sciences	4	\$198,397	12	\$1,301,498
AHS - Applied Human Sciences	9	\$3,829,667	21	\$2,074,691
CLA - Liberal Arts	3	\$889,819	7	\$1,719,692
Bus - Business	1	\$42,500	0	\$0
Eng - Engineering	* 40	\$89,736,668	58	\$17,719,622
NR - Natural Resources	29	\$4,795,289	14	\$4,363,946
NS - Natural Sciences	31	\$8,092,384	42	\$11,856,412
VMBS - Veterinary Med. & Bio. Sciences	37	\$15,912,083	34	\$15,219,547
Other - Other	4	\$625,045	10	\$441,565
*** TOTAL ***	158	\$124,121,852	198	\$54,696,973

* See Foreword.

Historical and Current Quarter Award Summaries

Awards by Fund Source

Quarter Ending September 1995



All Sources

Comparison of Current Quarter Awards to Same Quarter Previous Fiscal Year

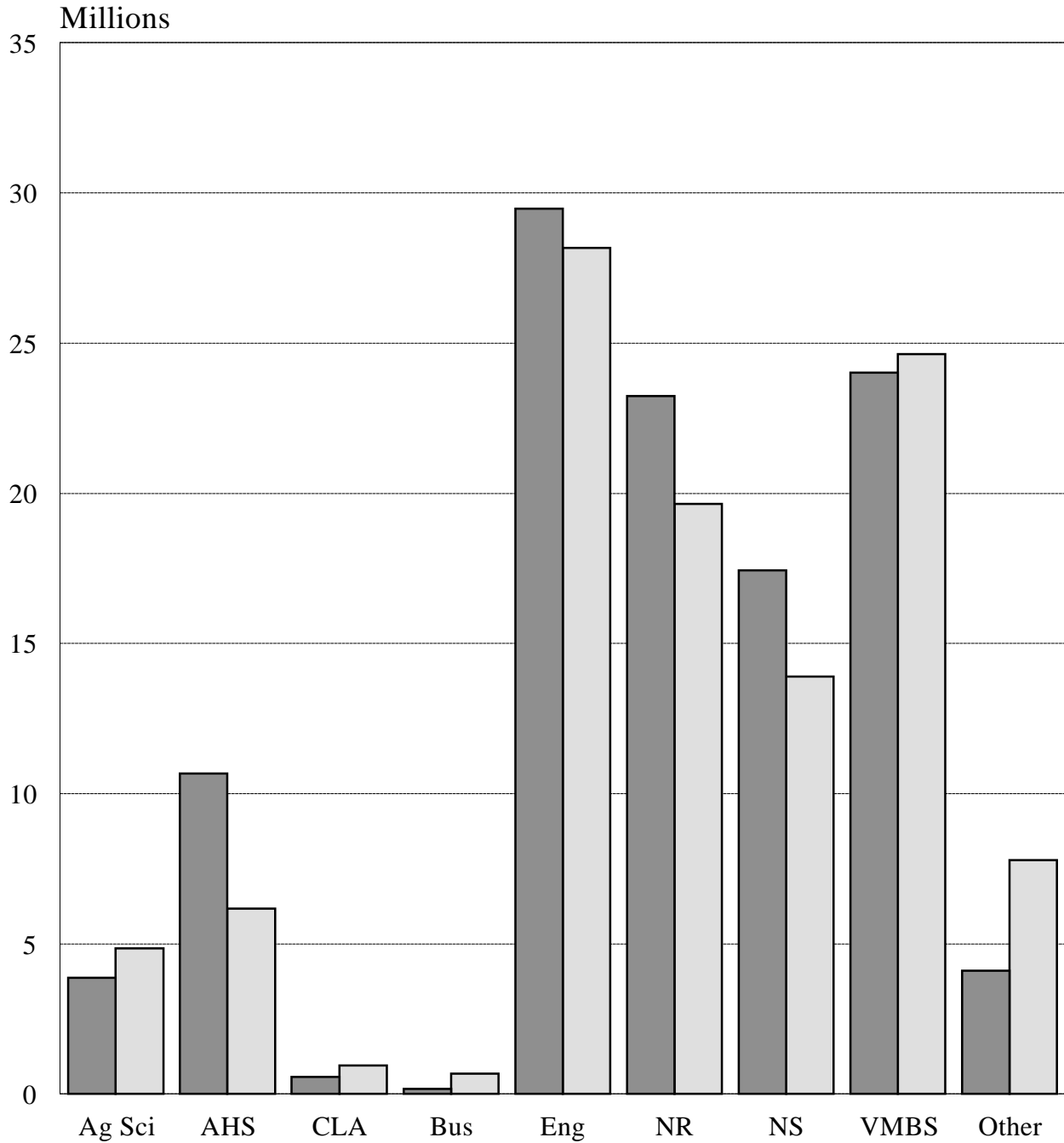
<u>Sponsor Name</u>	07/01/95 - 09/30/95		07/01/94 - 09/30/94	
	<u>Number</u>	<u>Amount</u>	<u>Number</u>	<u>Amount</u>
Commercial	136	\$4,096,057	142	\$3,254,715
Foundations	5	\$35,710	13	\$324,420
Institutes	4	\$254,189	6	\$1,105,759
State of Colorado	* 55	\$10,208,063	51	\$6,240,377
USDA - Department of Agriculture	74	\$3,020,821	71	\$4,780,343
DOC - Department of Commerce	11	\$2,655,655	10	\$1,802,006
DOD - Department of Defense	* 30	\$4,569,063	21	\$5,428,252
DOEd - Department of Education	5	\$794,516	10	\$1,710,938
DOE - Department of Energy	12	\$1,455,803	11	\$956,937
EPA - Environmental Protection Agency	7	\$401,030	5	\$318,993
HHS - Health & Human Services Department	47	\$7,071,483	41	\$7,961,370
USDI - Department of the Interior	45	\$1,724,191	41	\$2,322,726
DOL - Department of Labor	1	\$471,000	1	\$462,078
NASA - National Aeronautics & Space Admin.	11	\$1,323,941	10	\$1,074,605
NEH - Nat. Endowment for the Humanities	0	\$0	1	\$10,000
NSF - National Science Foundation	31	\$3,771,135	36	\$3,384,044
Office of Resources, Trade & Technology	0	\$0	1	\$66,193
DOT - Department of Transportation	0	\$0	3	\$198,016
TVA - Tennessee Valley Authority	0	\$0	1	\$75,380
*** TOTAL ***	474	\$41,852,657	475	\$41,477,152

* See Foreword.

Awards by College

Comparison of Consecutive 12 Months

Recent 12 Months Previous 12 Months



October - September

Comparison Consecutive 12 Months Awards to Same Period Previous Year

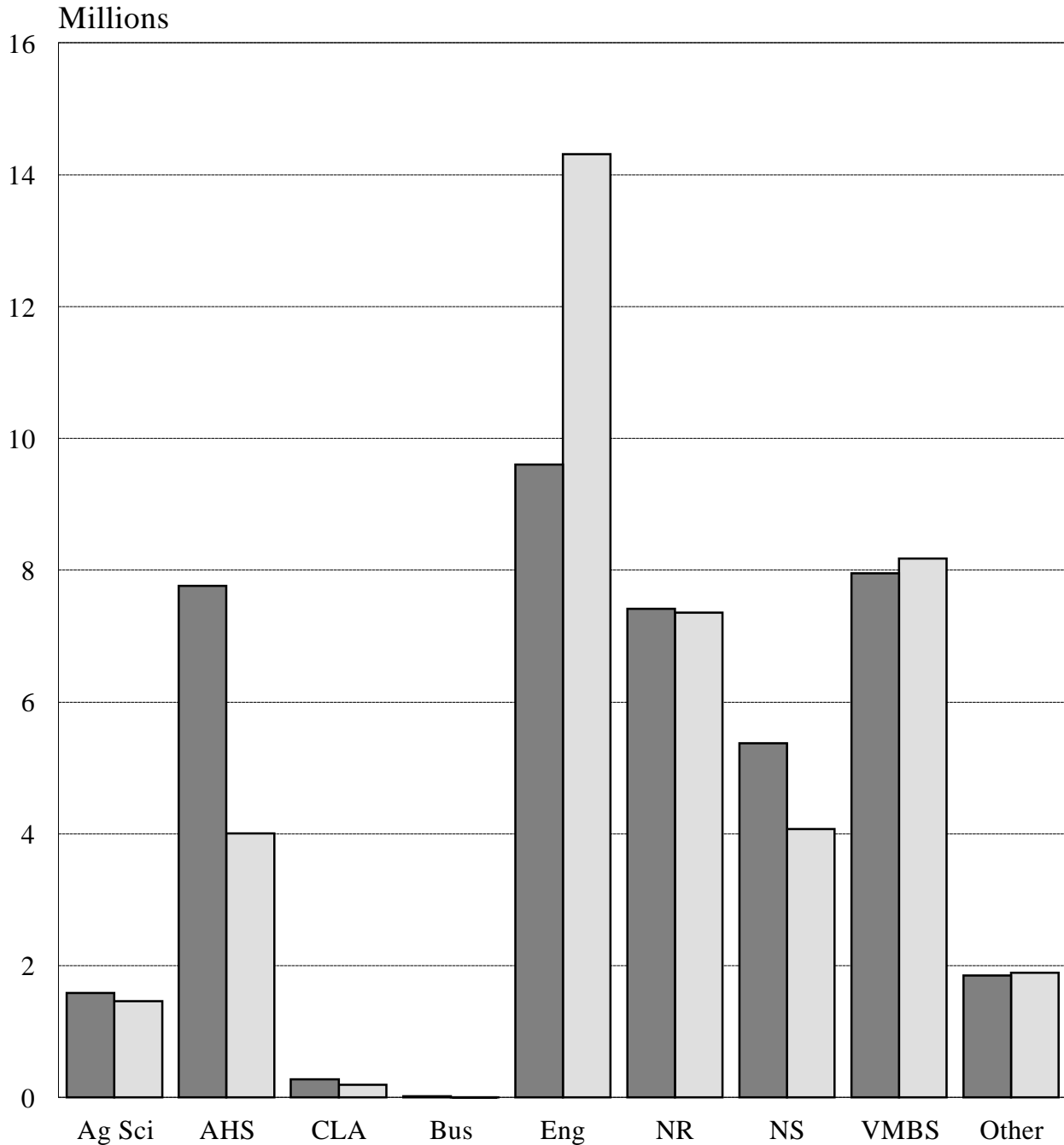
<u>College Name</u>	10/01/94 - 09/30/95		10/01/93 - 09/30/94	
	<u>Number</u>	<u>Amount</u>	<u>Number</u>	<u>Amount</u>
Ag Sci - Agricultural Sciences	217	\$3,877,579	203	\$4,841,268
AHS - Applied Human Sciences	* 101	\$10,662,429	91	\$6,178,771
CLA - Liberal Arts	15	\$572,235	16	\$961,230
Bus - Business	8	\$173,728	24	\$685,078
Eng - Engineering	* 352	\$29,476,013	362	\$28,161,460
NR - Natural Resources	348	\$23,227,887	330	\$19,653,215
NS - Natural Sciences	226	\$17,428,637	184	\$13,889,326
VMBS - Veterinary Med. & Bio. Sciences	230	\$24,011,449	235	\$24,623,775
Other - Other	<u>92</u>	<u>\$4,109,038</u>	<u>109</u>	<u>\$7,787,622</u>
*** TOTAL ***	1,589	\$113,538,995	1,554	\$106,781,745

* See Foreword.

Awards by College for Quarter

Comparison of Awards Received

■ Current Fiscal Year □ Previous Fiscal Year



July - September

**Comparison of Current Quarter and Fiscal Year to Date Awards
to Same Time Period Previous Fiscal Year**

<u>College Name</u>	07/01/95 - 09/30/95		07/01/94 - 09/30/94	
	<u>Number</u>	<u>Amount</u>	<u>Number</u>	<u>Amount</u>
Ag Sci - Agricultural Sciences	72	\$1,588,063	70	\$1,462,347
AHS - Applied Human Sciences	* 21	\$7,759,386	21	\$4,005,065
CLA - Liberal Arts	5	\$276,044	7	\$193,274
Bus - Business	3	\$23,814	0	\$0
Eng - Engineering	* 87	\$9,607,510	120	\$14,315,070
NR - Natural Resources	123	\$7,418,003	112	\$7,355,170
NS - Natural Sciences	63	\$5,376,961	50	\$4,077,613
VMBS - Veterinary Med. & Bio. Sciences	71	\$7,950,307	73	\$8,177,384
Other - Other	<u>29</u>	<u>\$1,852,569</u>	<u>22</u>	<u>\$1,891,229</u>
*** TOTAL ***	474	\$41,852,657	475	\$41,477,152

* See Foreword.

Section II

Proposals Submitted for Current Quarter

College: Agricultural Sciences-- Proposals

Title	Principal Investigator	Department / Sponsor Name	Dates	Key # / \$ Amt
Screening Potato Clones in Tissue Culture for Susceptibility to the Sugar End Disorder	Thompson-Johns,Asunt Holm,David G	San Luis Valley Research Center USDA-ARS-Agricultural Research Service	05/01/96- 04/30/98	95099401 \$9,749
The Influence of Light Intensity, Plant Moisture Status, Surfactants, & Nitrogen on Crop Safety	Nissen,Scott	Plant Pathology & Weed Science FMC Corporation	07/01/95- 06/30/98	95082301 \$53,500
Values of Weed Science	Zimdahl,Robert	Plant Pathology & Weed Science NSF-Sci/Tech Ctr/STI Sci/Tech Infra Ctr	01/01/96- 12/31/98	95083701 \$49,664
Cost Effective, Environmentally Sound Management of Russian Wheat Aphid	Holtzer,Thomas O	Entomology USDA-CSRS-SRG-Special Research Grants	09/01/95- 08/31/96	95077401 \$85,484

College: Applied Human Sciences-- Proposals

Title	Principal Investigator	Department / Sponsor Name	Dates	Key # / \$ Amt
Parenting as Prevention Conference	Johnson,Patricia A	Human Development & Family Studies Colorado Dept Public Health & Environ	09/01/95- 06/30/96	95089301 \$6,000
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- 06/30/99	95089401 \$450,000
Cultural Limit Hypothesis in Alcohol Usage	Jacobsen,R Brooke Fetsch,Robert J	Human Development & Family Studies Alcoholic Beverage Medical Research Fnd	04/01/96- 03/31/97	95099001 \$27,218
Family Nutrition Program for Colorado	Wilken,Karen K	Food Science & Human Nutrition USDA-FNS-Food & Nutrition Service	10/01/95- 09/30/96	95090701 \$874,732
Diet-Exercise Modification in Sedentary Hispanic Adults	Melby,Christopher L Anderson,Jennifer E	Food Science & Human Nutrition HHS-NIH-Digestive Diseases & Nutri. Res.	07/01/96- 06/30/98	95110101 \$144,130
Quality of Current Occupational Therapy Program	Spencer,Karen Clark	Occupational Therapy CCHE-Commission on Higher Education	01/01/96- 12/31/00	95102701 \$1,247,374
Apparel & Merchandising- Enhancing Partnerships with Business & Industry	Kotsiopoulos,Antigone Bickle,Marianne	Design, Merchand. & Consumer Science CCHE-Commission on Higher Education	07/01/96- 06/30/01	95102001 \$999,500
CAPITAL - Colorado Applied Preservation Initiation for Training & Leadership	Hauck,Allan J Beardmore,Richard S	Industrial Sciences Colo Dept Higher Educ-Historical Society	02/01/96- 01/31/97	95089101 \$72,796
Pueblos Two-Day Radon Workshop	Thorburn,Mark S	Industrial Sciences All Indian Pueblo Council	08/01/95- 10/31/95	95091701 \$7,917

College: Liberal Arts-- Proposals

Title	Principal Investigator	Department / Sponsor Name	Dates	Key # / \$ Amt
A Behavioral Model for the Valuation of Non-market Resources	Revier,Charles F Bonetti,Ken C	Economics NSF-SBE-Social, Behav & Econ Sciences	10/01/95- 09/30/96	95098301 \$10,000
Voices, Values & Versions of the American West	Reid,Louann	English Nat Found on the Arts & the Humanities	01/01/96- 12/31/96	95097901 \$23,591
Center for Biomedical Research in Music	Thaut,Michael H	Music, Theatre & Dance CCHE-Commission on Higher Education	07/01/96- 06/30/01	95102601 \$856,228

College: Business-- Proposals

Title	Principal Investigator	Department / Sponsor Name	Dates	Key # / \$ Amt
Problem Identification - Highway Safety	Hivner,Walter A	Inst. for Transportation Management Colorado Department of Transportation	10/01/95- 09/30/96	95100301 \$42,500

College: Engineering-- Proposals

Title	Principal Investigator	Department / Sponsor Name	Dates	Key # / \$ Amt
Reactive Blending via Metal-Ligand Coordination in Polymeric Complexes	Belfiore, Laurence A	Chemical & Bioresource Engineering NSF-MPS-Mathematical & Physical Sciences	02/01/96- 01/31/99	95077701 \$266,346
Model Based Control of Dissolved Oxygen at Low Concentrations & in Shear Sensitive Fermentation	Karim, Muhammad N	Chemical & Bioresource Engineering NSF - Engineering Grant	01/01/96- 12/31/98	95082901 \$363,675
Combined Biological/Zero-Valent Iron Treatment of Benzene-Toluene-Trichloroethylene...	Reardon, Kenneth F Shackelford, Charles	Chemical & Bioresource Engineering Kansas State University	05/18/96- 04/17/99	95090301 \$299,684
Reactive Blending via Metal-Ligand Coordination in Polymeric Complexes	Belfiore, Laurence A	Chemical & Bioresource Engineering DOD-ARMY-ARO-Army Research Office	04/01/96- 03/30/99	95092201 \$384,760
REU in Chemical Engineering Using the Colorado Bioprocessing Center	Murphy, Vincent G Batt, Brian C	Chemical & Bioresource Engineering NSF - Engineering Grant	01/15/96- 01/14/97	95099601 \$65,895
Model Based Control of Dissolved Oxygen at Low Concentrations & Shear Sensitive Fermentation	Karim, Muhammad N	Chemical & Bioresource Engineering NSF - Engineering Grant	03/01/96- 02/28/99	95101801 \$371,841
Rapid Production of Potential Drugs from Plant Cell Culture	Linden, James C	Chemical & Bioresource Engineering Cornell University	03/01/95- 02/28/98	95101901 \$188,439
Dynamic Modeling, Analysis & Control of a Continuous Pulp Digester	Karim, Muhammad N Burns, Patrick J	Chemical & Bioresource Engineering NSF - Engineering Grant	03/01/96- 02/28/99	95106401 \$393,499
Clouds & Water Vapor in the Climate System: RPA & Satellites	Stephens, Graeme L	Atmospheric Science Harvard University	07/01/95- 06/30/97	95077501 \$171,972
Simulations of Cloud/Radiative Responses to Variations in Cloud Condensation Nuclei	Cotton, William R	Atmospheric Science NSF-GEO-Geosciences	01/01/96- 12/31/98	95082601 \$312,988
Wave-Cyclone Interaction in the Near Field Associated with Non-Axisymmetric Adjustment	Montgomery, Michael T	Atmospheric Science NSF-GEO-Geosciences	03/15/96- 03/14/00	95082701 \$416,171
Coupling Atmospheric, Ecologic, & Hydrologic Processes for the GEWEX Continental Scale...	Pielke, Roger A Walko, Robert L	Atmospheric Science DOC-NOAA-Natl Oceanic & Atmospheric Admn	02/01/96- 01/31/98	95085801 \$157,055
A Multisensor Satellite Study of Upper Tropospheric Water Vapor & Clouds	Stephens, Graeme L	Atmospheric Science DOC-NOAA-Natl Oceanic & Atmospheric Admn	04/01/96- 03/31/99	95089501 \$282,386
Assessment of Customized Mesoscale Numerical Weather Prediction Products for Two Weather...	Cotton, William R	Atmospheric Science DOC-NOAA-NWS-National Weather Service	12/01/95- 11/30/96	95093001 \$88,323
Aging Time of a Passive Tracer at Selected Receptors During MOHAVE Summer Intensive Periods	Pielke, Roger A Uliasz, Marek	Atmospheric Science Southern California Edison	09/01/95- 10/15/95	95096601 \$6,000
Piezovane Testing at Four National Test Sites	Charlie, Wayne A Doehring, Donald O	Civil Engineering NSF - Engineering Grant	05/01/96- 04/30/99	95082801 \$274,180
Working Towards Healthy Ecosystems	Albertson, Maurice L	Civil Engineering University of Nebraska	10/01/95- 09/30/98	95084201 \$39,401
DEC Design Guidance	Watson, Chester C Abt, Steven R	Civil Engineering DOD-ARMY-Corps of Engineers	01/01/96- 12/31/97	95089701 \$140,446
Effect of Geochemical Reactions on Remediation of Heavy Metals	Warner, James W Afifi, Sameh	Civil Engineering Kansas State University	05/01/97- 04/30/98	95089801 \$154,917
Appropriate Technology for Undergraduate Engineers	Albertson, Maurice L	Civil Engineering NSF-EHR-Education & Human Resources	01/01/96- 12/31/98	95096701 \$232,073

College: Engineering-- Proposals

Title	Principal Investigator	Department / Sponsor Name	Dates	Key # / \$ Amt
Wind Pressure & Load Fluctuations on LIGO Structures	Cermak,Jack E Peterka,Jon A	Civil Engineering CIT-California Institute of Technology	09/15/95- 12/31/95	95099701 \$22,055
Center for Engineering & Infrastructure & Sciences in Space	Sadeh,Willy Z	Civil Engineering CCHE-Commission on Higher Education	07/01/96- 12/31/01	95102501 \$1,870,000
Summitville Forum Conference	Nelson,John D	Civil Engineering Environmental Protection Agency	09/30/95- 12/31/95	95105601 \$20,540
Modelling of Snow & Rime Accretion on Transmission Line Conductors	Peterka,Jon A	Civil Engineering NSF - Engineering Grant	07/01/96- 06/30/01	95106901 \$456,142
Photoelectronic Response of CryV-fySiz Thin Films Grown on Silicon	Mahan,John E	Electrical Engineering NSF-MPS-Mathematical & Physical Sciences	08/15/96- 08/14/99	95091401 \$432,431
Detection & Classification of Clusters of Microcalcifications in Digitized Mammograms...	Azimi-Sadjadi,M R	Electrical Engineering DOD-ARMY	01/10/96- 09/30/98	95098201 \$149,993
Microwave Sensor for Nondestructive & Non-contact Estimation of Concrete Compressive...	Zoughi,Reza	Electrical Engineering EPRI-Electric Power Research Inst.	09/15/95- 08/31/98	95105201 \$125,000
Pollution Prevention in Metal Products & Machinery Industries	Edwards,Harry W	Mechanical Engineering Colorado Dept Public Health & Environ	10/01/95- 09/30/96	95077001 \$15,092
Small & Medium Manufacturers Pollution Prevention Educational Communications Program	Troxell,Wade O	Mechanical Engineering Colorado Dept of Public Health & Envir	08/01/95- 07/31/96	95077801 \$9,921
High Throughput Dry Plating for Discrete Manufacturing	Sampath,Walajabad S Barth,Kurt	Mechanical Engineering NSF - Engineering Grant	01/01/96- 12/30/98	95079101 \$264,595
Active Solar Building/Solar Process Heat Technologies	Hittle,Douglas C	Mechanical Engineering Midwest Research Institute- NREL	09/01/95- 09/01/98	95083901 \$4,546
Energy Conservation Building Design Services	Hittle,Douglas C	Mechanical Engineering Midwest Research Institute- NREL	09/01/95- 08/31/98	95084001 \$5,468
Passive Solar Building Design Services	Burns,Patrick J	Mechanical Engineering Midwest Research Institute - NREL	09/01/95- 08/31/98	95084101 \$4,569
Code Development	Burns,Patrick J	Mechanical Engineering Univ. California-Lawrence Livermore Lab	08/01/95- 09/30/96	95086201 \$28,000
A Study of Interactive Representation in Autonomous Robotic Agents	Troxell,Wade O	Mechanical Engineering NSF-CISE-Computer & Info Sci & Engin	04/01/96- 03/30/99	95098401 \$521,523
Research Experiences for Undergraduates in Mechanical Engineering	James,Susan P	Mechanical Engineering NSF - Engineering Grant	02/15/96- 09/01/00	95099501 \$375,265
Recognition of the Optimal Set of Machining Features	Sakurai,Hiroshi	Mechanical Engineering NSF - Engineering Grant	02/01/96- 01/31/99	95105001 \$318,640
Engineering Research Equipment for NonResidual Gas Analyzer for Novel Semiconductor Film...	Sampath,Walajabad S Barth,Kurt	Mechanical Engineering NSF - Engineering Grant	04/01/96- 04/01/97	95107201 \$14,157
Acquisition of High Speed Imaging Equipment	Willson,Bryan D	Mechanical Engineering NSF - Engineering Grant	04/01/96- 04/01/97	95109901 \$62,593
Cooperative Institute for Research	Vonderhaar,Thomas H	CIRA Admin Unit DOC-NOAA-Natl Oceanic & Atmospheric Admn	07/01/96- 06/30/01	95096501 \$80,426,087

College: Natural Resources-- Proposals

Title	Principal Investigator	Department / Sponsor Name	Dates	Key # / \$ Amt
Integrated Training Area Management, U.S. Military Academy, West Point, New York	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	08/01/95- 07/31/96	95077301 \$51,192
Land Condition Trend Analysis Support, Fort Huachuca, Arizona	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	08/01/95- 07/31/96	95083201 \$134,778
Integrated Training Area Management, Fort Lewis, Washington	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	08/01/95- 07/31/96	95083301 \$68,519
Biodiversity Measure & Value: Manifestations in Federal Legislation	Bettters,David R	Forest Sciences NSF-SBE-Social, Behav & Econ Sciences	01/01/96- 12/31/97	95090401 \$49,502
Database for Short Rotation Forest Plantations - An International Partnership	Bettters,David R	Forest Sciences NSF-Biological Centers	01/01/96- 01/01/00	95097501 \$220,883
Legacy Resources Management Assistance	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	10/15/95- 01/14/97	95098501 \$136,321
Integrated Training Area Management Program Support, Fort Leonard Wood, Missouri	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	10/15/95- 01/14/97	95098601 \$81,327
Remote Sensing & GIS Program	Hoffer,Roger M	Forest Sciences CCHC-Commission on Higher Education	08/15/96- 08/15/01	95101401 \$1,148,336
Land Condition Trend Analysis Data Management for US-AEC	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	11/01/95- 10/31/96	95101501 \$349,946
U.S. Army Regional Environmental Offices Support	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	10/01/95- 01/31/97	95101601 \$613,621
Land Rehabilitation & Maintenance Support for Yakima Training Center, Washington	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	10/01/95- 01/31/97	95101701 \$47,024
Forest Inventories of the Anniston Army Depot, AL, & Holston Army Ammunition Plant, TN	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	10/01/95- 09/30/96	95103301 \$187,896
A Stochastic Spatial Model of the Mount Graham Red Squirrel: A GIS Approach	Reich,Robin M	Forest Sciences University of Arizona	03/01/96- 02/28/98	95105901 \$58,741
Landscape Features in Undisturbed Ponderosa Pine Forests	Binkley,Daniel E Kaufman,Merrill R	Forest Sciences NSF-Biological Centers	06/01/96- 05/31/00	95106101 \$338,251
Field Demonstration of Infiltration Controls for Landfills	Hakonson,Thomas	Fishery & Wildlife Biology DOD-NAVY	07/17/95- 09/30/95	95076801 \$12,146
Sandia Landfill Cover Demonstration	Hakonson,Thomas	Fishery & Wildlife Biology Sandia Corporation/Sandia National Lab.	08/15/95- 09/30/96	95090501 \$98,216
Classification & Characterization of Wetland & Riparian Habitats on the Boulder Ranger	Pague,Christopher A Rondeau,Renee	Fishery & Wildlife Biology USDA-USFS-Forest Research	08/28/95- 10/30/95	95091501 \$4,069
Cross-site Watershed Analysis of Stream Riparian Dynamics	Covich,Alan P	Fishery & Wildlife Biology USDA-USFS-Forest Research	01/01/96- 12/31/96	95095401 \$15,000
Field Demonstration of Infiltration Controls	Hakonson,Thomas	Fishery & Wildlife Biology DOD-NAVY	09/20/95- 01/01/96	95103401 \$17,499
Instream Corridor Migration of Benthic Macroinvertebrates in Coastal Tropical Streams	Covich,Alan P	Fishery & Wildlife Biology NSF-Biological Centers	01/01/96- 12/30/98	95105701 \$261,541

College: Natural Resources-- Proposals

Title	Principal Investigator	Department / Sponsor Name	Dates	Key # / \$ Amt
Distribution & Environmental Reception of Se at Fort Carson, Colorado	Rittenhouse,Larry R	Rangeland Ecosystem Science DOD-ARMY	10/01/95-09/30/97	95096901 \$49,000
Oregon Coast Range Province Adaptive Management Pilot Project: Application of AR/GIS...	Elliott,Edward T	Natural Resource Ecology Lab USDA-Forest Service-Pacific NW Exp Statn	08/01/95-06/30/96	95083101 \$35,000
Assessing the Response of Three North American Pine Species to Ozone Using Ethylenediurea...	Flagler,Richard B	Natural Resource Ecology Lab University of Massachusetts- Lowell	09/01/95-08/31/96	95084501 \$44,440
Shortgrass Steppe Ecosystem Dynamics & Trace Gas Exchange Under Elevated CO2	Valentine,David W Parton,William J	Natural Resource Ecology Lab USDA-ARS-Agricultural Research Service	10/01/95-09/30/98	95090801 \$127,175
USDA Global Change Data Assessment & Integration	Elliott,Edward T	Natural Resource Ecology Lab US Department of Agriculture	09/02/95-09/01/96	95092601 \$53,852
The NBS Global Change Data Center	Simmons,Carol L	Natural Resource Ecology Lab USDI-National Biological Survey	02/15/95-09/30/96	95097301 \$25,000
Impact of Climatic Change & Increasing Atmospheric CO2 on U.S. Forest Systems	Ojima,Dennis	Natural Resource Ecology Lab USDA-USFS-Forest Research	09/01/95-06/30/96	95100001 \$5,400
Evaluating Exposures to Individuals Near a Uranium Mill Site	Kirchner,Thomas B Hakonson,Thomas	Natural Resource Ecology Lab Cotter Corporation	10/01/95-09/30/96	95104901 \$148,464
Global Climate Change: Agriculture & Forestry Emissions	Parton,William J	Natural Resource Ecology Lab RCG/Hagler, Bailly, Inc.	03/17/96-03/16/01	95105101 \$412,150

College: Natural Sciences-- Proposals

Title	Principal Investigator	Department / Sponsor Name	Dates	Key # / \$ Amt
Colorado Small Scale Science: Teachers-As - Researchers (CO-S3TAR)	Stein,Fredrick M Thompson,Stephen	Center for Science, Math & Tech Edu NSF-EHR-Education & Human Resources	09/01/96- 08/31/00	95097601 \$1,934,997
REU Site: Undergraduate Research in Molecular Biosciences	Sneider,Thomas W Curthoys,Norman P	Biochemistry & Molecular Biology NSF-Biological Centers	05/01/96- 10/31/99	95097701 \$217,500
In Vivo Investigation of the Mechanisms of RNA Polymerase II Transcription Repression...	Laybourn,Paul J	Biochemistry & Molecular Biology March of Dimes Birth Defects Foundation	07/01/96- 06/30/98	95105401 \$85,152
Use of Recombinant Glutaminase for Rapid Analysis of Plasma Glutamine	Curthoys,Norman P	Biochemistry & Molecular Biology University of Colorado Health Sci Ctr	01/01/96- 12/31/96	95106201 \$23,084
Regulation & Role of ADF Dephosphorylation in Neuronal Outgrowth	Meberg,Peter Bamburg,James R	Biochemistry & Molecular Biology Burroughs-Wellcome Fund Foundation	09/01/96- 08/31/98	95107001 \$103,000
Program in Neuronal Growth & Development	Bamburg,James R	Neuronal Growth & Development CCHE-Commission on Higher Education	07/01/96- 06/30/01	95102401 \$720,083
Solvothermal Chemistry: Speciation of Chalcogenides for Rational Synthesis	Dorhout,Peter K	Chemistry NSF-MPS-Mathematical & Physical Sciences	10/01/95- 09/30/98	95076501 \$323,933
Investigations of Electronically Conductive Polymer Nanostructures	Martin,Charles R Hochheimer,Hans D	Chemistry NSF-MPS-Mathematical & Physical Sciences	03/01/96- 02/28/99	95076601 \$391,447
Electron Transfer Dynamics at Semiconductor Nanocluster Interfaces	Kelley,David F	Chemistry US Department of Energy	01/01/96- 12/31/98	95078601 \$389,321
Polychalcogeneride Speciation in Solvothermal Reactions	Dorhout,Peter K	Chemistry Petroleum Research Fund	01/01/96- 08/31/98	95089901 \$75,000
Graphite Ballast Resistors for Field Emission Applications:	Martin,Charles R	Chemistry SI Diamond Technology, Inc.	09/01/95- 02/29/96	95090001 \$30,000
Surface Reactivity of Fluorocarbon Radicals During Plasma Deposition of Fluorocarbon Polymer...	Fisher,Ellen R	Chemistry Research Corporation / Foundation	05/01/96- 04/30/98	95097201 \$50,000
Polyoxoanion-Supported Transition Metals Synthesis, Characterization & Applications...	Finke,Richard G	Chemistry NSF-MPS-Mathematical & Physical Sciences	03/01/96- 02/28/99	95097801 \$359,237
Structure Photophysics, & Photochemistry of Silver Halide Clusters	Bernstein,Elliot R Kelley,David F	Chemistry NSF-MPS-Mathematical & Physical Sciences	03/01/96- 02/28/99	95099301 \$299,290
Electrophilic Attack on Coordinated Ligands Involved in Catalysis by Organometallic Complex...	Norton,Jack R	Chemistry NSF-MPS-Mathematical & Physical Sciences	02/01/96- 01/31/99	95100201 \$543,120
Synthesis of Bioactive Cyclams & Complexes	Hegedus,Louis S Greenberg,Marc M	Chemistry HHS-PHS-Public Health Services	07/01/96- 06/30/00	95101001 \$756,171
Biological & Chemical Study of Anticancer & Drug-Resistance Reversing Agents	Shi,Yian	Chemistry Searle Scholars Award	07/01/96- 06/30/99	95101101 \$180,000
Statistical Mechanical Theory of Dynamics of Supercooled Liquids	Szamel,Grzegorz	Chemistry Arnold & Mabel Beckman Foundation	07/01/96- 06/30/98	95104801 \$200,000
An Evaluation of High Performance Functional Computing	Najjar,Walid A Bohm,Anton Pedro W	Computer Science University of Southern California	09/01/95- 08/31/98	95096401 \$541,607
Design & Implementation of a Transportation Simulator	Thomas,James W	Mathematics NSF-Biological Centers	01/01/96- 12/31/00	95096201 \$304,169

College: Natural Sciences-- Proposals

Title	Principal Investigator	Department / Sponsor Name	Dates	Key # / \$ Amt
Technology Transfer for Hazardous Waste Management: A World Wide Web MultiMedia Approach	Zachmann,David W Afifi,Sameh	Mathematics Kansas State University	05/01/96- 05/01/97	95099101 \$28,817
Penning Trap Ion Dynamics	Lee,Siu Au	Physics DOC-NIST-Nat. Inst. Standards & Tech..	10/01/95- 02/29/96	95082401 \$22,365
Understanding the Physics of StainedLayer Optoelectronic Devises Using Stress & Pressure	Hochheimer,Hans D	Physics NATO-North Atlantic Treaty Organization	01/01/96- 12/31/97	95090201 \$31,000
Cluster Expansions for Dynamical Properties of Quantum Many-body Systems	Gelfand,Martin P	Physics Research Corporation / Foundation	05/01/96- 04/30/00	95091201 \$50,000
Assessing Limited-Term & Ongoing Early Stage Alzheimer's Support Groups	Bell,Paul A	Psychology Alzheimer's Association	12/01/95- 11/30/98	95076901 \$57,969
Science & Technology Education for American Indians	James,Keith	Psychology NSF-EHR-Education & Human Resources	11/01/95- 02/01/96	95082501 \$39,063
American Indian Science & Technology Education	James,Keith	Psychology Bay Foundation	11/01/95- 02/01/96	95091301 \$7,700
Surveying & Monitoring of Rare Populations	Hoeting,Jennifer A Bowden,David C	Statistics USDA-USFS-Forest Research	08/01/95- 09/30/97	95084401 \$74,999
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	95098001 \$62,710
Statistical Analysis of Aerial Photography Data Base from the GCES-II Test Flow Program	Hoeting,Jennifer A	Statistics DOI-NPS-National Park Service	11/01/95- 09/30/96	95100101 \$10,650
Systematics & Ethnobotany of Ginseng & Its Relatives	Wen,Jun	Biology Searle Scholars Award	07/01/96- 06/30/99	95101201 \$180,000

College: Veterinary Medicine & Biomedical Sciences-- Proposals

Title	Principal Investigator	Department / Sponsor Name	Dates	Key # / \$ Amt
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	95099801 \$97,750
Testing Rabies Vaccines in a Pre-Exposure Three-Dose & Booster Regimen	Jones,Robert L	Dean of Veterinary Medicine Connaught Laboratories, Inc.	10/01/95- 12/03/98	95099901 \$154,022
Professional Veterinary Medicine	Voss,James L	Dean of Veterinary Medicine CCE-Commission on Higher Education	07/01/96- 06/30/01	95102801 \$803,591
Alterations in Synaptic Efficacy & Their Morphologic Correlates at Crustacean Neuromuscu...	Walrond,John P	Anatomy & Neurobiology NSF-Biological Centers	01/01/96- 12/31/98	95083001 \$383,352
Inhibition & Disinhibition in the Dentate Gyrus of Epileptic Gerbils	Buckmaster,Paul S	Anatomy & Neurobiology American Epilepsy Foundation	07/01/96- 06/30/97	95097401 \$29,993
Subunit Substitutions in the Aging NMDA Receptor Complex	Magnusson,Kathy	Anatomy & Neurobiology HHS-PHS-Aging Research	07/01/96- 06/30/99	95105301 \$456,081
5HT Presynaptic Inhibition of Retinal Input to the SCN	Dudek,F Edward	Anatomy & Neurobiology University of Pennsylvania	07/01/96- 06/30/00	95105801 \$536,715
Mechanisms of Temporal Lobe Epilepsy	Buckmaster,Paul S	Anatomy & Neurobiology Burroughs-Wellcome Fund Foundation	09/01/96- 09/01/00	95106501 \$381,000
Apoptosis in MNU-induced Craniofacial Terata	Frank,Anthony A	Pathology HHS-NIH-Nat. Inst. of Dental Research	03/01/96- 02/28/97	95084601 \$28,117
Genetics of Susceptibility to Occupational Lung Disease	Donnelly,Kevin B Wassom,Donald L	Pathology HHS-NRSA-Nat. Research Service Award	01/01/96- 12/31/98	95085901 \$9,000
FIV Model of Perinatal HIV Infection & Intervention	Hoover,Edward A	Pathology HHS-NIH-Office of AIDS Research	01/01/96- 12/31/00	95097101 \$1,394,200
Improving Diagnosis & Control of Ruminant Viral Diseases	Demartini,James C	Pathology USDA-OICD-International Coop. Develop.	02/01/96- 03/01/96	95098101 \$5,000
Perinatal Mucosal FIV Infection & Intervention	Obert,Leslie A Hoover,Edward A	Pathology HHS-PHS-AID-Microbio & Infectious Dis Re	07/01/96- 06/30/99	95107101 \$226,191
Model for Immunogenetics of Occupational Lung Disease	Donnelly,Kevin B Wassom,Donald L	Pathology HHS-NIH-Nat. Ctr. for Research Resources	07/01/96- 06/30/01	95109701 \$390,756
Role of DHP Receptor Subunits in Excitation-Contraction Coupling	Garcia-Martinez,J	Physiology Muscular Dystrophy Association, Inc.	01/01/96- 12/31/98	95077101 \$132,763
Impact of Lung Injury on the Immature Pulmonary Circulation	Tucker,Alan	Physiology University of Colorado Health Sci Ctr	12/01/96- 11/30/01	95078901 \$236,569
Treatment of Diabetic Neuropathy	Ishii,Douglas N	Physiology Aurogen, Inc.	03/01/96- 02/28/97	95083601 \$38,799
Reproductive Sequelae to Perinatal Pesticide Exposures	Veeramachaneni,D N R	Physiology HHS-PHS-Public Health Services	07/01/96- 06/30/99	95106301 \$685,393
IFGs: Potential for Treatment of Chemotherapy-induced Neuropathy	Pu,Sufen Ishii,Douglas N	Physiology Burroughs-Wellcome Fund Foundation	09/01/96- 08/30/01	95109801 \$428,000
Molecular Regulation of Steroidogenic Acute Regulatory Protein	Niswender,Gordon D Juengel,Jennifer	Physiology Burroughs-Wellcome Fund Foundation	06/01/96- 05/31/98	95110201 \$103,000

College: Veterinary Medicine & Biomedical Sciences-- Proposals

Title	Principal Investigator	Department / Sponsor Name	Dates	Key # / \$ Amt
Responses of Leukemic Cells & Transfections to X-rays & Heat Treatments	Lett,John T	Radiological Health Sciences DOD-USAF-Air Force	08/31/95- 08/30/96	95090601 \$50,000
Molecular Cytogenetics of Dog Normal & Tumor Cells	Larue,Susan M Bedford,Joel S	Radiological Health Sciences Canine Health Foundation, Inc.	07/01/96- 06/30/99	95107401 \$273,828
Characteristics of Relinquished Pets & Their Owners in Selected U.S. Shelters: An Epid...	Salman,Mowafak D	Environmental Health AVMA-Amer Veterinary Medi Assoc Found	01/01/96- 12/31/96	95089601 \$10,934
Center for Environmental Toxicology & Technology	Yang,Raymond S H Benjamin,Stephen A	Environmental Health CCHE-Commission on Higher Education	10/01/95- 09/30/00	95102901 \$906,586
Melatonin & Occupational Electric & Magnetic Fields Exposure	Reif,John S	Environmental Health HHS-PHS-Public Health Services	07/01/96- 06/30/99	95106001 \$708,799
Development of Biological Exposure Indices for Chemical in Which Occupational Exposure...	Bigelow,Philip L	Environmental Health UAW United Auto Workers	07/01/96- 06/30/97	95111501 \$34,995
A Densovirus Pathogenic for Anopheles Mosquitoes	Carlson,Jonathan O	Microbiology WHO-World Health Organization	10/01/95- 09/30/96	95077601 \$15,000
Molecular Epidemiology of Emerging Virus Diseases	Beaty,Barry J	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	04/01/96- 03/31/00	95083501 \$2,581,905
Control of HSV-2 Latent Infection	Wilcox,Christine L	Microbiology March of Dimes Birth Defects Foundation	04/01/96- 03/31/98	95083801 \$47,753
New Drugs for Mycobacterial Infections in AIDS Patients	McNeil,Michael R Besra,Gurdyal S	Microbiology Southern Research Institute	04/01/96- 03/31/99	95090901 \$202,116
Structural Definition of Lipoarabinomannan & Its Biosynthetic Intermediates	Chatterjee,Delphi	Microbiology Mizutani Foundation	04/01/96- 03/31/97	95091601 \$95,989
Antigen Detection in Human & Experimental MAC Infection	Chatterjee,Delphi	Microbiology Case Western Reserve University	05/01/96- 04/30/01	95096301 \$468,708
Development of Virus Vector as Therapeutic Agents for ALS Treatment	Wilcox,Christine L	Microbiology ALS-Amyotrophic Lateral Sclerosis Assoc.	02/01/96- 01/31/98	95096801 \$50,208
Animal Models of Mycobacterium Avium Pathogenesis	Orme,Ian M	Microbiology HHS-CDC-Infectious Disease	05/01/96- 04/30/01	95097001 \$1,043,688
Nomination of IDP as Colorado Program of Excellence	Orme,Ian M	Microbiology CCHE-Commission of Higher Education	01/01/96- 12/31/00	95101301 \$1,694,051
Genetic Analysis of Pathogenesis of Fusobacterium Species	Gentry-Weeks,Claudia	Microbiology HHS-PHS-Public Health Services	07/01/96- 07/01/01	95106601 \$1,161,471
Epidemiology & Prevalence of Fucosidosis in English Springer Spaniels in the USA	Smith,Mary O	Clinical Sciences Canine Health Foundation, Inc.	04/01/96- 03/31/97	95107301 \$45,760

College: Other-- Proposals

Title	Principal Investigator	Department / Sponsor Name	Dates	Key # / \$ Amt
INTERACTE Colorado: Interactive Access to Training & Education for Colorado	Maher,Thomas G	Instructional Services CCHE-Commission on Higher Education	07/01/96-06/30/97	95084301 \$500,000
Rodent Thoren Caging Systems	Maul,Donald H	Laboratory Animal Resources HHS-NIH-Nat. Ctr. for Research Resources	07/01/96-06/30/97	95110001 \$42,712
Group 8 Study Tour- Turkey EAWT	Niehaus,Merle H	International Research & Development CID-Consortium for Inter. Development	09/15/95-03/15/96	95099201 \$1,217
Nutrition Education for Colorado Springs Limited Income	Bray,Colleen R	Cooperative Extension City of Colorado Springs	01/01/96-12/31/96	95089201 \$81,116

Section III

Awards Received for Current Quarter

College: Agricultural Sciences-- Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj#/\$ Amt.
NIS Faculty Exchange Program	Spencer,William P	International Agricultural Program USDA-Foreign Agricultural Service	07/16/95- 07/31/96	2122 \$43,510
Scientific Services - Jill D. Wick	Holm,David G	San Luis Valley Research Center San Luis Valley Research Ctr. Committee	08/01/94- 06/30/96	6363 \$30,900
Potato Variety Testing	Holm,David G Alldredge,Jerry K	San Luis Valley Research Center Potato Administration of Colorado	07/01/95- 06/30/96	6368 \$2,850
Processing Characteristics	Maga,Joseph A	San Luis Valley Research Center Potato Administration of Colorado	07/01/95- 06/30/96	6373 \$3,500
Potato Variety Development	Holm,David G Davidson,Robert D	San Luis Valley Research Center Potato Administration of Colorado	07/01/95- 06/30/96	6378 \$49,000
Agronomic Research in Western Colorado	Pearson,Calvin H	Western Slope - Fruita Various "Non-Profit" Sponsors	07/01/91- 06/30/96	6667 \$1,500
Agronomic Research in Western Colorado	Pearson,Calvin H	Western Slope - Fruita Various "Non-Profit" Sponsors	07/01/91- 06/30/96	6667 \$6,000
Viticulture & Enology Research for the Colorado Wine Industry	Hamman,Richard Allan	Orchard Mesa Research Center Colorado Department of Agriculture	07/01/95- 06/30/96	0816 \$101,527
CDA Pesticide Applicator Certification Examination Data Bank Acquisition	Apley,Kathryn	Soil & Crop Sciences Colorado Department of Agriculture	07/01/91- 06/30/00	0269 \$157,500
Training & Education for Agricultural Chemicals & Groundwater	Waskom,Reagan M	Soil & Crop Sciences Colorado Department of Agriculture	07/01/95- 06/30/96	0774 \$79,100
Seed Analysis	Stanelle,James R	Soil & Crop Sciences Colorado Department of Agriculture	08/01/95- 06/30/96	0825 \$42,500
Soil Water Storage & Use as Affected by Climate Zone, Soil Position & Crop Rotation	Peterson,Gary A	Soil & Crop Sciences University of Nebraska	05/01/93- 04/30/96	1103 \$21,240
Development of DNA Markers for Fusarium Head Blight Resistance Genes	Lapitan,Nora Hill,Joseph P	Soil & Crop Sciences Oregon State University	06/01/95- 05/31/96	1311 \$30,000
Biological Testing & Evaluation of Plant Germplasm	Stanelle,James R	Soil & Crop Sciences USDA-ARS-NPA-National Seed Storage Lab	03/03/95- 11/30/99	2022 \$10,000
Molecular Genetics of Immunity to Bacterial Ring Rot in Potato	Lapitan,Nora	Soil & Crop Sciences USDA-CSRS-SRG-Special Research Grants	07/01/95- 12/31/97	2047 \$19,974
Field Studies & Modeling of Cropping Systems & Their Impact on Water Quality in East...	Peterson,Gary A Butters,Gregory	Soil & Crop Sciences USDA-ARS-Agricultural Research Service	06/01/94- 05/31/99	2055 \$60,000
Soil Survey & Soil Survey Certificate- (GIS)	Kelly,Eugene F	Soil & Crop Sciences USDA-SCS-Soil Conservation Service	09/13/95- 09/30/96	2062 \$31,000
Bean Testing Project	Shanahan,John	Soil & Crop Sciences Colorado Dry Bean Advisory Board	06/01/92- 08/01/96	5648 \$1,620
Application of Sewage Sludge to Dryland Wheat	Barbarick,Kenneth A	Soil & Crop Sciences City of Littleton	01/01/94- 12/31/96	5677 \$62,410
Development of Improved Quality & HIG Yield in Wheat Germplasm in Colorado	Johnson,Jerry J	Soil & Crop Sciences Colorado Wheat Administrative Commission	07/01/95- 06/30/96	6029 \$5,000

College: Agricultural Sciences-- Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj#/\$ Amt.
Development of Improved Quality & HIG Yield in Wheat Germplasm in Colorado	Quick,James S Shanahan,John	Soil & Crop Sciences Colorado Wheat Administrative Commission	07/01/95- 06/30/96	6111 \$50,000
Evaluation of Milling & Baking Performance of Colorado Wheats	Quick,James S Lorenz,Klaus J	Soil & Crop Sciences Colorado Wheat Administrative Commission	07/01/95- 06/30/96	6115 \$5,000
Development & Demonstration of Best Management Practices for Barley Production	Waskom,Reagan M Cardon,Grant E	Soil & Crop Sciences Adolph Coors Company	07/01/95- 10/30/96	6135 \$14,000
Molecular Markers for Bacterial Ringrot Immunity & Resistance Genes	Lapitan,Nora	Soil & Crop Sciences Potato Administration of Colorado	07/01/95- 06/30/96	6364 \$5,000
Soil Fertility Studies	Westfall,Dwayne G	Soil & Crop Sciences Various "For Profit" Sponsors	04/01/91- 06/30/96	6642 \$4,625
Sugarbeet Production Research	Sommers,Lee E	Soil & Crop Sciences USDA-ARS-Agricultural Research Service	10/01/94- 09/30/95	8072 \$31,628
Seed Viability & Storage Research	Sommers,Lee E	Soil & Crop Sciences USDA-ARS-Agricultural Research Service	10/01/94- 09/30/95	8073 \$21,564
Water Management Research	Sommers,Lee E	Soil & Crop Sciences USDA-ARS-Agricultural Research Service	10/01/94- 09/30/95	8075 \$6,965
Great Plains Systems Research Unit	Sommers,Lee E	Soil & Crop Sciences USDA-ARS-Agricultural Research Service	10/01/94- 09/30/95	8076 \$4,470
Facilities Services of Agricultural Research	Sommers,Lee E	Soil & Crop Sciences USDA-ARS-Agricultural Research Service	10/01/94- 09/30/95	8078 \$1,418
USDA Yield Grades (YG), Total Body Electrical Conductivity (ToBEC) & Video Image Analysis EPDs for NALF	Tatum,Joseph D Smith,Gary C Golden,Bruce L	Animal Sciences National Livestock & Meat Board Animal Sciences North American Limousin Foundation	07/02/95- 07/01/96 09/15/94- 09/14/96	5052 \$28,850 5214 \$10,000
Quantification of the Utilization of Edible & Non-edible Beef By-products	Field,Thomas G	Animal Sciences National Cattlemen's Association	08/15/95- 02/28/96	5326 \$12,500
The International Pork Quality Audit- A Foreign Market Audit of U.S. Pork Quality	Smith,Gary C Morgan,J Brad	Animal Sciences U.S. Meat Export Federation	07/01/94- 12/31/95	5587 \$1,721
Determining Biochemical Changes Occurring During Early Onset of Zinc Deficiency in Cal...	Nockles,Cheryl	Animal Sciences Zinpro Corporation	08/01/94- 12/31/96	6037 \$17,900
Identification of Genetic "Critical Control Pointers" for Improving Beef Tenderness	Tatum,Joseph D Smith,Gary C	Animal Sciences National Cattlemen's Association	10/01/94- 06/30/96	6057 \$12,870
Great Plains Agricultural Council	Skold,Melvin D	Agricultural & Resource Economics USDA-ARS-Agricultural Research Service	04/01/95- 09/30/96	2110 \$30,625
Economic & Ecological Sustainability on the Colorado Plateau	Spencer,William P McKean,John R	Agricultural & Resource Economics USDI-National Biological Survey	08/01/95- 12/30/97	4167 \$127,718
Economic Research & Analysis of Funding for the Fish & Wildlife Conservation Act	Spencer,William P	Agricultural & Resource Economics USDI-National Biological Survey	09/28/95- 06/30/96	4184 \$47,957
Behavioral Anomalies in Economic Valuation of Public Goods	Loomis,John B	Agricultural & Resource Economics USDA-USFS-Rocky Mtn. Experiment Station	07/19/93- 08/30/96	8729 \$8,500

College: Agricultural Sciences-- Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj#/\$ Amt.
Forest Health Value Analysis & Needs Assessment	Loomis,John B	Agricultural & Resource Economics USDA-USFS-Rocky Mtn. Experiment Station	08/15/95- 12/31/96	8774 \$40,000
The Role of Information & Time in Consumer Demand for Preservation of Roadless Lands...	Walsh,Richard G	Agricultural & Resource Economics USDA-USFS-Forest Research	08/28/95- 09/15/96	8775 \$10,500
Electroconductivity Test to Evaluate Seed Quality	Moore, Frank D III Roos, Eric E (ADODR)	Horticulture USDA-ARS-NPA-National Seed Storage Lab	09/09/94- 07/25/97	2000 \$8,000
Feasibility of Using Shredded Tires as a Media Amendment for Greenhouse Crops	Newman, Steven E Panter, Karen Lynn	Horticulture Colorado Floriculture Foundation	01/01/95- 12/31/95	5412 \$5,000
THRIPS (<i>Frankliniella occidentalis</i>) Control by Integrated Pest Management	Hopper, Douglas A	Horticulture Colorado Floriculture Foundation	01/01/95- 12/31/95	5413 \$3,210
Pulse Irrigation Strategies for Colorado Greenhouses	Newman, Steven E Hopper, Douglas A	Horticulture Colorado Floriculture Foundation	01/01/95- 12/31/95	5414 \$5,000
Spectroscopy to Identify Potato Cultivar	Stushnoff, Cecil	Horticulture Potato Administration of Colorado	07/01/95- 06/30/96	6384 \$5,000
Flower Trial Garden	Klett, James E	Horticulture Various "Non-Profit" Sponsors	02/01/93- 12/31/95	6636 \$1,000
Floriculture Research	Hopper, Douglas A	Horticulture Various "Non-Profit" Sponsors	07/01/93- 12/31/95	6843 \$11,800
Turfgrass Production	Koski, Anthony J	Horticulture Jacklin Seed Company	07/01/93- 04/30/96	6853 \$5,117
Post Plant Growth of Trees	Klett, James E Tolan, Roberta J	Horticulture Various "For Profit" Sponsors	01/01/94- 01/01/99	6877 \$1,000
Plant Germplasm Research- Roos	Brink, Kenneth M	Horticulture USDA-ARS-Agricultural Research Service	10/01/94- 09/30/95	8070 \$8,550
The Economic Feasibility of Developing a Management System to Reclaim Russian Knapweed...	Beck, K George	Plant Pathology & Weed Science University of Wyoming	05/15/93- 11/30/96	1304 \$16,037
Development of a Bioeconomic Model for Integrating Jointed Goatgrass Management...	Westra, Philip	Plant Pathology & Weed Science Washington State University	04/01/94- 03/31/98	1307 \$500
Molecular Genetics of Immunity to Bacterial Ring Rot in Potato	Ishimaru, Carol A	Plant Pathology & Weed Science USDA-CSRS-SRG-Special Research Grants	07/01/95- 12/31/97	2056 \$19,973
The Influence of Light Intensity, Plant Moisture Status, Surfactants, & Nitrogen on Crops Ring Rot Bacterium	Nissen, Scott	Plant Pathology & Weed Science FMC Corporation	07/01/95- 06/30/98	6126 \$53,500
Biological Control of Bacterial Diseases in Potatoes	Ishimaru, Carol A	Plant Pathology & Weed Science Potato Administration of Colorado	07/01/95- 06/30/96	6375 \$20,000
Weed Control Studies on Potatoes	Westra, Philip	Plant Pathology & Weed Science Potato Administration of Colorado	07/01/94- 06/30/96	6381 \$5,000
Potato Disease Research- Early Blight & Tuber Rot	Hill, Joseph P	Plant Pathology & Weed Science Potato Administration of Colorado	07/01/95- 06/30/96	6382 \$5,000

College: Agricultural Sciences-- Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj#/\$ Amt.
Potential Losses of EPTAM during Sprinkler Application & the Influence of Soil Moisture...	Nissen,Scott	Plant Pathology & Weed Science Potato Administration of Colorado	07/01/95- 06/30/96	6386 \$7,500
Exploratory Uses of Frontier: Potential New Herbicide for Potatoes	Nissen,Scott	Plant Pathology & Weed Science Potato Administration of Colorado	07/01/95- 06/30/96	6387 \$5,000
Winter Annual Grass Weed Research in Wheat	Westra,Philip	Plant Pathology & Weed Science Colorado Wheat Administrative Commission	07/01/95- 06/30/96	6597 \$10,000
Dry Bean & Onion Disease Management Environmental Monitoring	Schwartz,Howard F	Plant Pathology & Weed Science Various "Non-Profit" Sponsors	05/01/90- 12/31/95	6628 \$500
Dry Bean & Onion Disease Management Environmental Monitoring	Schwartz,Howard F	Plant Pathology & Weed Science Various "Non-Profit" Sponsors	05/01/90- 12/31/95	6628 \$3,095
Cost Effective, Environmentally Sound Management of Russian Wheat Aphid	Holtzer,Thomas O	Entomology USDA-CSRS-Coop. States Research Service	08/01/94- 07/31/96	1412 \$85,484
Integrated Pest Management of Cereal Aphids on the Great Plains	Peairs,Frank B	Entomology USDA-ARS-Agricultural Research Service	09/01/92- 08/31/96	2108 \$6,000
Integrated Pest Management of Cereal Aphids on the Great Plains	Peairs,Frank B	Entomology USDA-ARS-Agricultural Research Service	09/01/92- 08/31/96	2108 \$4,000
Population Biology & Impact of Natural Enemy / Introduction for Control of Russian Wheat...	Holtzer,Thomas O Antolin,Michael F	Entomology USDA-ARS-Agricultural Research Service	02/01/93- 09/30/96	2137 \$14,007
Insects of Dinosaur National Monument	Kondratieff,Boris C	Entomology DOI-NPS-National Park Service	05/01/94- 09/01/96	4107 \$848
Development of Winter Wheat Varieties / RWA	Peairs,Frank B	Entomology Colorado Wheat Administrative Commission	07/01/95- 06/30/96	6681 \$15,000
The Identification & Enumeration of Benthic Macroinvertebrate Samples	Kondratieff,Boris C	Entomology USDA-USFS-Forest Research	09/14/95- 06/30/96	8835 \$6,000

College: Applied Human Sciences-- Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj#/\$ Amt.
Rocky Mountain Teacher Education Collaborative	Stein,Fredrick M Hartley,Nancy K	Dean of Applied Human Sciences University of Northern Colorado	06/15/94- 05/31/96	3454 \$194,164
Colorado Elderhostel	Yang,Raymond K Rastall,Jan M	Human Development & Family Studies Elderhostel	07/01/95- 09/30/95	5050 \$14,698
Colorado Elderhostel	Yang,Raymond K Rastall,Jan M	Human Development & Family Studies Elderhostel	07/01/95- 09/30/96	5050 \$45,756
Dietary Copper, Hepatic Glutathione Redox & Cholesterol Synthesis	Allen,Kenneth G D Clarke,Steven D	Food Science & Human Nutrition USDA-CSRS-CGP-Competitive Grants Program	09/01/95- 08/31/98	1491 \$216,000
IGF-1/Thiazolidinedione Control of a-FABP Transcription	Clarke,Steven D	Food Science & Human Nutrition HHS-PHS-Diabetes, Endocrin. & Metab. Res	07/01/95- 06/30/96	7618 \$142,334
Assistive Technology Training for Occupational Therapy	Spencer,Karen Clark	Occupational Therapy DE-Special Educ/Personnel Dev & Prntl Tr	08/01/95- 07/31/96	4257 \$110,646
Students' Entrepreneurial Education Research Project (SEERP)	Gliner,Jeffrey A Sample,Pat L	Occupational Therapy DE-Special Education-Innovation & Devlpm	09/01/95- 08/31/96	4258 \$142,640
Development of a Performance Evaluation for Gerontology	Fisher,Anne G	Occupational Therapy HHS-PHS-Aging Research	09/01/95- 08/31/96	7634 \$235,170
Care Access & Life Outcomes following Traumatic Brain Injury: A Multicultural & Gender...	Sample,Pat L	Occupational Therapy HHS-CDC-Environ. Hlth & Injury Control	09/01/95- 08/31/96	7703 \$38,834
Computer Simulation of Cardiovascular Function in Reduced Gravity	Gotshall,Robert Tucker,Alan	Exercise & Sport Science National Aeronautics & Space Admin.	07/01/95- 06/30/96	1951 \$22,000
Pueblos Two-Day Radon Workshop	Thorburn,Mark S	Industrial Sciences All Indian Pueblo Council	08/01/95- 10/31/95	5325 \$7,917
Front Range Community College Graduate Teaching Assistant	Oltjenbruns,Kevin A Roiter,Jerry L	Industrial Sciences Front Range Community College	08/15/95- 05/14/96	5331 \$10,313
Facility & Site Evaluation Services to Buena Vista School District R-31	Dunn,G Richard	Industrial Sciences Buena Vista School District R-31	09/01/95- 06/30/96	5333 \$9,398
1994-1995 Indoor Air Quality	Murphy,John D Jr	Industrial Sciences Environmental Protection Agency	10/01/94- 09/30/96	5843 \$80,000
Juarez Tempering Survey	Wolff,Birgit H Bohren,Lenora	Industrial Sciences Environmental Protection Agency	08/21/95- 08/31/95	5848 \$10,000
JK Creations, Inc. Prototype Development	Johnson,Russell L	Industrial Sciences State of Kansas	07/10/95- 09/10/95	9749 \$2,612
Colorado Human Services Training & Research Institute & Consortium	Granger,Ben P Harris,Norma J	Social Work Colorado Dept Public Health & Environ	07/01/95- 06/30/96	0770 \$3,098,445
Colorado Human Services Training & Research Institute & Consortium (TRAINING)	Granger,Ben P Harris,Norma J	Social Work Colorado Dept Public Service & Environ	07/01/95- 06/30/96	0771 \$3,342,560
Colorado Tech-Prep Consortium in Agricultural Education	Kokes,Mark D	School of Education Community College of Denver	07/01/95- 06/30/96	0833 \$13,000
Improved Career Decision Making II- (ICMD)	Feller,Richard	School of Education C.D. of Ed./Comm. College & Occup. Ed.	10/15/95- 06/30/96	0849 \$3,300

College: Applied Human Sciences-- Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj#/\$ Amt.
Even Start Program	Love,Cathleen T	School of Education Poudre R-1	07/01/95- 06/30/96	5301 \$19,599

College: Engineering-- Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj#/\$ Amt.
Graduate Research Traineeships in Environmentally Conscious Manufacturing	Smith, Frederick W	Engineering Research Center	09/15/95-08/31/96	3391 \$112,500
Colorado Bioprocessing Center- CSU/CBC	Batt, Brian C	Chemical & Bioresource Engineering CATI-Colo. Advanced Technology Institute	07/01/95-06/30/96	0769 \$335,000
Colorado Institute for Research in Biotechnology	Murphy, Vincent G	Chemical & Bioresource Engineering CATI-Colo. Advanced Technology Institute	07/01/95-06/30/96	0801 \$173,500
USDA-CREES National Needs Fellowships in Water Science	Loftis, Jim C	Chemical & Bioresource Engineering USDA-CSRS-Coop. States Research Service	09/01/95-08/31/00	1492 \$54,000
The Natural Resource Workstation- Wetland Capabilities	Garcia, Luis	Chemical & Bioresource Engineering DOI-Bureau of Reclamation	01/01/95-12/31/95	1781 \$61,037
Fundamental Design of Branched Fluid Particle Separators Based on Inertial Migration...	Dandy, David Rakow, Allen L	Chemical & Bioresource Engineering NSF - Engineering Grant	09/15/94-08/31/96	3015 \$80,000
Bioremediation Technology in the Engineering Curriculum	Reardon, Kenneth F Murphy, Vincent G	Chemical & Bioresource Engineering NSF - Engineering Grant	09/15/95-09/14/96	3502 \$124,754
Develop Data Presentation Framework using HTML	Garcia, Luis	Chemical & Bioresource Engineering DOI-Bureau of Reclamation	09/23/95-03/30/96	4183 \$20,095
Field Application of Burkholderia Cepacia PR1-301C for Bioremediation of TCE-contamina...	Reardon, Kenneth F	Chemical & Bioresource Engineering Camp Dresser McKee	07/24/95-12/31/95	6122 \$35,567
Consumptive Use Model	Garcia, Luis	Chemical & Bioresource Engineering Riverside Technology, Inc	03/01/95-05/31/96	6911 \$5,050
Water Management Research	Loftis, Jim C	Chemical & Bioresource Engineering USDA-ARS-Agricultural Research Service	10/01/94-09/30/95	8084 \$17,641
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 \$3,202
Lidar In-Space Technology Experiment- (LITE)	Randall, David A	Atmospheric Science NASA-Langley Research Center	05/01/94-07/19/96	1902 \$40,539
NASA Graduate Student Fellowships in Global Change Research	Lin, Xin Johnson, Richard H	Atmospheric Science National Aeronautics & Space Admin.	09/01/95-08/31/96	1903 \$22,000
Ground Truth Research & Algorithm Development in Support of TRMM	Stephens, Graeme L Rutledge, Steven A	Atmospheric Science NASA-Goddard	09/01/95-08/31/96	1911 \$110,000
Use of the Large Eddy Simulation Techniques to Explicitly Model the Microphysics...	Cotton, William R	Atmospheric Science National Aeronautics & Space Admin.	09/01/95-08/31/96	1913 \$22,000
Electrified Tropical Convection: Implications for Use of the TRMM Lightning Imaging...	Rutledge, Steven A	Atmospheric Science National Aeronautics & Space Admin.	09/01/95-08/31/96	1915 \$22,000
Hydrologic / Cloud Studies	Randall, David A	Atmospheric Science NASA-Goddard	09/01/95-08/31/96	1925 \$85,000
Experimental Studies of Relationships Between Marine Aerosol Distribution & Cloud Prop...	Kreidenweis, Sonia M	Atmospheric Science DOD-NAVY-ONR-Office of Naval Research	06/01/93-05/31/96	2442 \$75,000
Effects of Cloud Geometric Structures on Their Radiative Properties	Cox, Stephen K	Atmospheric Science DOD-NAVY-ONR-Office of Naval Research	06/01/95-05/31/98	2570 \$130,000

College: Engineering-- Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj#/\$ Amt.
Studies of Atmospheric Ice Nucleating Aerosols	Grant,Lewis O Rogers,David C	Atmospheric Science National Science Foundation	03/15/94- 08/31/96	3056 \$117,733
Chemical Heterogeneity Among Cloud Drop Populations & Its Effect on Sulfur Oxidation	Collett,Jeffrey L Jr	Atmospheric Science NSF-GEO-Geosciences	09/01/95- 08/31/96	3290 \$91,021
A Unidata Internet Data Distribution Fail-Over, Relay, & Archive Site at CSU	Pielke,Roger A Finley,Steven V	Atmospheric Science NSF-GEO-Geosciences	09/01/95- 08/31/96	3390 \$8,500
Further Development of An Advanced Finite-Difference Atmospheric General Circulation...	Randall,David A	Atmospheric Science DOE-San Francisco	09/01/95- 08/31/96	3815 \$129,591
UAV Applications for Studying Radiation & Optical Properties of Upper Tropospheric Clouds	Stephens,Graeme L Cox,Stephen K	Atmospheric Science US Department of Energy	09/01/95- 01/31/97	3823 \$198,269
Clouds & Ocean-Atmosphere Interactions in the Pacific Basin	Randall,David A Jensen,Tommy G	Atmospheric Science US Department of Energy	09/15/95- 09/14/96	3865 \$156,151
Scanning Spectral Polarimeter	Stephens,Graeme L	Atmospheric Science Sandia Corporation/Sandia National Lab.	07/20/94- 06/30/96	3957 \$46,717
Cooperative Ph.D. Program SDSM&T- Xiang Li	Vonderhaar,Thomas H	Atmospheric Science South Dakota School of Mines	09/01/94- 12/31/95	5003 \$12,476
AMS Graduate Fellowship- Timothy J. Lang	Rutledge,Steven A	Atmospheric Science American Meteorological Society	08/15/95- 08/14/96	5327 \$15,000
Experimental Studies of the Factors Controlling the Water Nucleating Ability of Atmosp...	Kreidenweis,Sonia M Brechtel,Fredrick J	Atmospheric Science Environmental Protection Agency	09/07/95- 12/31/97	5850 \$6,723
Effects of Non-Uniform Cloud Drop Composition on Pollutant Transformation & Removal...	Collett,Jeffrey L Jr	Atmospheric Science Environmental Protection Agency	10/01/95- 09/30/98	5851 \$108,059
Simulation of Convective Transport in the Southeastern Environment	Pielke,Roger A	Atmospheric Science University of Alabama	03/13/95- 03/12/96	5924 \$10,000
Colorado Transportation Information Program	Ariniello,Alex Hutchinson,Suzan E	Civil Engineering Colorado Department of Transportation	01/01/95- 12/31/95	0735 \$36,000
Local Management of MPC Programs	Gutkowski,Richard M	Civil Engineering North Dakota State University	07/01/95- 06/30/96	1067 \$5,000
Dynamic Impact Load Tests of a Moderate Weight Bridge Guardrail	Gutkowski,Richard M Peterson,Michael	Civil Engineering North Dakota State University	07/01/95- 06/30/96	1068 \$8,963
Implementation of a Portable Computer Tool for Inspection of Small Bridges	Siller,Thomas J	Civil Engineering North Dakota State University	07/01/95- 06/30/96	1069 \$22,000
Workshop on Rural & Non-metropolitan Needs for Statewide Planning	Gutkowski,Richard M Grigg,Neil S	Civil Engineering North Dakota State University	07/01/95- 06/30/96	1070 \$4,117
Investigation of PONTIS- A Bridge Management Software- Year 2	Gutkowski,Richard M	Civil Engineering North Dakota State University	07/01/95- 06/30/96	1071 \$32,523
Acoustic Emission Monitoring for Non-Destructive Load Rating of Bridges	Gutkowski,Richard M Peterson,Michael	Civil Engineering North Dakota State University	07/01/95- 06/30/96	1072 \$22,715
Planning for Cooperative Transportation Graduate Training	Gutkowski,Richard M Grigg,Neil S	Civil Engineering North Dakota State University	07/01/95- 06/30/96	1073 \$7,019

College: Engineering-- Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj#/\$ Amt.
Railroad Bridge Rehabilitation Needs & Logistics Implications	Gutkowski,Richard M Peterson,Michael	Civil Engineering North Dakota State University	07/01/95- 06/30/96	1074 \$26,311
Participation in TEL8 - A Transportation Telecommunications Network Region VIII	Gutkowski,Richard M Smith,Frederick W	Civil Engineering North Dakota State University	07/01/95- 06/30/96	1075 \$19,027
Measurement of Elastic & Anelastic Properties of Wood by Resonant Ultrasound	Heyliger,Paul R	Civil Engineering USDA-CSRS-CGP-Competitive Grants Program	09/01/95- 08/31/96	1494 \$36,000
Tests & Analysis of Layered Wood-Concrete Beams & Decking	Gutkowski,Richard M	Civil Engineering USDA-CSRS-CGP-Competitive Grants Program	09/01/95- 08/31/97	1498 \$75,000
Field to Farm to Ecosystem Scale Decision Support Models	Salas,Jose D	Civil Engineering USDA-ARS-Agricultural Research Service	08/26/94- 07/14/99	2002 \$60,000
Effects of Woody Vegetation on Channel Roughness	Abt,Steven R Watson,Chester C	Civil Engineering DOD-ARMY-Corps of Engineers	07/01/95- 03/31/96	2568 \$40,000
Research Workshop on the Hydrometeorology, Impacts & Management of Extreme Floods	Salas,Jose D	Civil Engineering NSF - Engineering Grant	09/01/95- 08/31/96	3274 \$25,034
Systems Analysis Methods for Water & Natural Resources Decision Making	Flug,Marshall	Civil Engineering USDI-National Biological Survey	10/01/94- 09/30/97	4170 \$32,792
IPA - USBR Agreement for John Labadie	Labadie,John W	Civil Engineering DOI-Bureau of Reclamation	09/05/95- 02/28/96	4181 \$30,893
NRRC - USDA/ARS Task Order for Dr. Welsh	Salas,Jose D	Civil Engineering USDA-ARS-Agricultural Research Service	10/01/94- 09/30/95	8082 \$19,760
GPSR - USDA/ARS Task Order for Dr. Ahuja & Dr. Dunn	Salas,Jose D	Civil Engineering USDA-ARS-Agricultural Research Service	10/01/94- 09/30/95	8083 \$17,112
Integrated Model for Optimization of Water Allocations	Diaz,Gustavo E	Civil Engineering USDA-USFS-Rocky Mtn. Experiment Station	05/16/94- 01/31/96	8803 \$7,500
Optimal Conjunctive Use of Surface & Groundwater Resources in the Lower Nile:...	Labadie,John W	Civil Engineering Utah State University	09/01/94- 09/15/95	9004 \$36,575
A Vacuum Scanning Tunneling Microscope for Characterization of Epitaxial Layers...	Temkin,Henryk Parkinson,Bruce A	Electrical Engineering DOD-NAVY-ONR-Office of Naval Research	07/01/95- 06/30/97	2569 \$226,000
WDM Laser Sources for the Defense University (Testbed) Research Internet Program	Temkin,Henryk	Electrical Engineering DOD-USAF-Office of Scientific Research	09/30/95- 09/29/97	2578 \$1,811,486
Microwave Sensor for Nondestructive & Non-Contact Estimation of Concrete Compressive...	Zoughi,Reza	Electrical Engineering NSF - Engineering Grant	09/15/95- 08/31/98	3393 \$125,000
Development of a Soft X-Ray Laser for the Study of Metal & Semi-Metal Oxide Nanoclusters	Rocca,Jorge J G Bernstein,Elliot R	Electrical Engineering NSF - Engineering Grant	09/01/95- 08/31/99	3394 \$377,780
Study of Pure Strain Effects for Improved Long Wavelength Sonic Lasers	Menoni,Carmen S Temkin,Henryk	Electrical Engineering NSF - Engineering Grant	10/01/95- 09/30/98	3501 \$294,533
Two-dimensional Parallel Read-out of Optical Tape	Mitkas,Pericles A	Electrical Engineering Storage Technology Corporation	07/01/94- 06/30/97	6036 \$10,000
Coherent Blue Light Source	Menoni,Carmen S	Electrical Engineering Monitor Labs, Inc.	07/01/95- 06/30/97	6114 \$5,000

College: Engineering-- Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj#/\$ Amt.
Westnet Renewal- Regional Connectivity	Burns,Patrick J	Mechanical Engineering NSF-CISE-Computer & Info Sci & Engin	09/01/94- 08/31/96	3004 \$30,067
Acquisition & Development of Equipment for Orthopaedic Research at CSU	James,Susan P Peterson,Michael	Mechanical Engineering NSF-Sci/Tech Ctr/STI Sci/Tech Infra Ctr	08/15/95- 07/31/98	3395 \$270,732
Cationic Orthopaedic Implant Materials	James,Susan P	Mechanical Engineering Arizona State University	05/19/95- 09/18/96	3482 \$630
New Connections to Westnet- 1995	Burns,Patrick J	Mechanical Engineering NSF-CISE-Computer & Info Sci & Engin	08/15/95- 07/31/97	3504 \$100,211
Method to Distribute Supply Air in Industrial Facilities	Kirkpatrick,Allan T	Mechanical Engineering ASHRAE-Amer Soc. of Heat- Refrig -Air	09/01/95- 08/31/97	5328 \$96,744
A Mathematical Model for the Prediction of Laboratory Fume Hood Air Flow	Kirkpatrick,Allan T	Mechanical Engineering ASHRAE-Amer Soc. of Heat- Refrig -Air	01/01/96- 12/31/97	5356 \$98,609
Power Plant Restoration- Cost Share	Willson,Bryan D	Mechanical Engineering City of Fort Collins	06/01/94- 06/01/95	5594 \$12,000
Multi-media Pollution Prevention Assessments	Edwards,Harry W	Mechanical Engineering Environmental Protection Agency	07/01/95- 12/31/96	5847 \$50,000
Large Bore Gas Technology Base	Willson,Bryan D	Mechanical Engineering GRI-Gas Research Institute	08/15/94- 12/31/95	6047 \$143,650
The Great Ignition Shootout	Willson,Bryan D	Mechanical Engineering SECOR International, Incorporated	05/01/95- 10/31/95	6108 \$114,470
Development of Concentrating Solar Collectors	Duff,William S	Mechanical Engineering Solar Enterprises International, LLC	07/01/95- 02/28/96	6117 \$21,869
Puncture Resistance of Aluminum Cans	Sampath,Walajabad S Mathes,Dan	Mechanical Engineering Metal Container Corporation	09/01/95- 03/01/97	6133 \$57,761
Three-Dimensional, Computer-Generated Models of Human Gross Anatomy	Alciatore,David Spurgeon,Thomas L	Mechanical Engineering Butler Communications	01/21/94- 09/24/95	6882 \$14,192
Optimal Controls of Hybrid Power Systems	Winn,C Byron	Mechanical Engineering Midwest Research Institute- NREL	01/31/95- 12/31/95	9302 \$20,016
WWW Server for the AIS Textbook	Burns,Patrick J	Mechanical Engineering Sandia Corporation/Sandia National Lab.	08/28/95- 06/30/96	9311 \$15,000
Reduction Production Cost By Increasing Efficiency & Quality	Petersen,Mick	Mechanical Engineering State of Kansas	06/15/95- 01/01/96	9741 \$45,389
Web Cutter Evaluation for Eastman Kodak Colorado Division	Peterson,Michael	Mechanical Engineering State of Kansas	07/31/95- 09/30/96	9748 \$31,323
Training on SR Projectile Weaving Machine & Management Team	Barsallo,Jairo D Maskell-Pretz,M	Mechanical Engineering State of Kansas	06/20/95- 08/31/95	9750 \$1,901
Cooperative Institute for Research Program: Task I	Vonderhaar,Thomas H	CIRA Admin Unit DOC-NOAA-Natl Oceanic & Atmospheric Admn	07/01/93- 06/30/96	1130 \$205,000
CSU Activities in Support of the NOAA-North Dakota Federal - State Program	Vonderhaar,Thomas H Demott,Paul J	CIRA Admin Unit DOC-NOAA-Natl Oceanic & Atmospheric Admn	08/18/93- 06/30/96	1131 \$10,000

College: Engineering-- Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj#/\$ Amt.
Evaluation of NEXRAD Doppler Weather Radar Algorithms & Mesoscale Analysis	Vonderhaar,Thomas H	CIRA Admin Unit DOC-NOAA-Natl Oceanic & Atmospheric Admn	09/28/93- 06/30/96	1132 \$1,841,913
Atmospheric Analysis & Dynamical Modeling over the TOGA/COARE Region	Schubert,Wayne H	CIRA Admin Unit DOC-NOAA-Natl Oceanic & Atmospheric Admn	03/15/94- 03/14/96	1145 \$97,080
Hydrological Forecasting System Evaluation	Johnson,Lynn	CIRA Admin Unit DOC-NOAA-Natl Oceanic & Atmospheric Admn	03/15/94- 06/30/96	1146 \$89,130
Mesoscale Analysis & Forecast Product Development for Severe Storm Nowcasting	Vonderhaar,Thomas H	CIRA Admin Unit DOC-NOAA-Natl Oceanic & Atmospheric Admn	06/10/94- 06/30/96	1149 \$232,500
Extended Range Prediction	Gray,William M	CIRA Admin Unit DOC-NOAA-Natl Oceanic & Atmospheric Admn	07/01/94- 06/30/96	1152 \$75,000
Impact of Enhanced Cloud Condensation Nucleus Concentrations on Microphysics & Dynamics...	Vonderhaar,Thomas H	CIRA Admin Unit DOC-NOAA-Natl Oceanic & Atmospheric Admn	09/01/94- 06/30/96	1153 \$45,058
Conceptual Design of Sensor(s) for Measuring the Earth's Radiation Budget for the Nat...	Vonderhaar,Thomas H	CIRA Admin Unit DOC-NOAA-Natl Oceanic & Atmospheric Admn	07/10/95- 01/10/96	1155 \$44,000

College: Natural Resources-- Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj#/\$ Amt.
USDA-National Needs Fellowship: Engineering-Forest Products	Pellicane,Patrick J Criswell,Marvin E	Forest Sciences USDA-CSRS-Coop. States Research Service	09/01/95- 08/31/00	1493 \$108,000
IPA for Melissa Stup	Shaw,Robert B	Forest Sciences DOD-ARMY	08/22/94- 08/22/96	2497 \$2,506
IPA for Carl D. McFerren	Shaw,Robert B	Forest Sciences DOD-ARMY	08/22/94- 08/22/96	2498 \$6,635
IPA for Thomas Macia	Shaw,Robert B	Forest Sciences DOD-ARMY	12/16/94- 12/16/96	2503 \$77,528
IPA for Theodore W. Reid	Shaw,Robert B	Forest Sciences DOD-ARMY	09/15/94- 09/14/96	2504 \$62,880
IPA for Daniel Vichitbandha	Shaw,Robert B	Forest Sciences DOD-ARMY-CERL-Const. Engineer. Res. Lab.	09/15/94- 09/14/96	2505 \$41,529
IPA for John T. Gray	Shaw,Robert B	Forest Sciences DOD-ARMY	10/01/94- 09/30/96	2508 \$80,640
Wildlife Management Program Support for Yakima Training Center, Washington	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	03/29/95- 06/28/96	2547 \$46,307
Integrated Training Area Management, Yakima Training Center, Washington	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	05/22/95- 06/25/96	2556 \$21,782
Land Condition Trend Analysis Support, Fort Huachuca, Arizona	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	08/11/95- 09/27/96	2573 \$130,747
Integrated Training Area Management, Fort Lewis, Washington	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	08/15/95- 09/27/96	2574 \$65,191
Integrated Training Area Management, U.S. Military Academy, West Point, New York	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	08/14/95- 09/27/96	2575 \$48,359
Integrated Training Area Management Program Support, Fort Leonard Wood, MO	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	09/26/95- 02/26/96	2579 \$11,755
Legacy Resources Management Assistance	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	09/27/95- 10/30/96	2580 \$136,772
Land Rehabilitation & Maintenance Support for Yakima Training Center, Washington	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	09/26/95- 10/30/96	2581 \$47,024
Land Condition Trend Analysis Data Management for US-AEC	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	09/27/95- 10/30/96	2583 \$349,946
U.S. Army Regional Environmental Offices Support	Shaw,Robert B	Forest Sciences DOD-ARMY-Corps of Engineers	09/27/95- 10/30/96	2584 \$563,441
Presidential Faculty Fellows Grant	Burke,Ingrid C	Forest Sciences National Science Foundation	09/01/94- 02/28/97	3041 \$100,000
Shades of Summer - Educational Summer Camp Program	Berry,Joyce K	Forest Sciences DOI-BLM-Bureau of Land Management	07/23/95- 07/29/95	4165 \$6,000
Natural Resource Inventory, Monitoring, & Management	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	07/22/92- 06/30/97	8700 \$187,110

College: Natural Resources-- Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj#/\$ Amt.
Natural Resource Inventory, Monitoring, & Management	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	07/22/92- 06/30/97	8700 \$20,700
Natural Resource Inventory, Monitoring, & Management	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	07/22/92- 06/30/97	8700 \$17,370
Natural Resource Inventory, Monitoring, & Management	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	07/22/92- 06/30/97	8700 \$99,651
Natural Resource Inventory, Monitoring, & Management	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	07/22/92- 06/30/97	8700 \$59,181
Natural Resource Inventory, Monitoring, & Management	Shaw,Robert B	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	07/22/92- 06/30/97	8700 \$29,160
Airborne Videography Automated Processing	Hoffer,Roger M	Forest Sciences USDA-USFS-Forest Research	08/17/92- 06/30/96	8707 \$15,507
Proposal Development for the Center for Forest Ecosystem Utilization	Pellicane,Patrick J	Forest Sciences USDA-USFS-Forest Research	02/15/94- 12/31/96	8750 \$9,000
Course Land Use Mapping from Satellite Imagery	Dean,Denis J	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	09/28/94- 09/30/96	8823 \$24,300
Predicting Reference Condition in the Ponderosa Pine Ecotone: An Expert System	Dean,Denis J	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	09/07/95- 09/30/97	8831 \$5,000
Spatial Aid for Fire Evaluation	Dean,Denis J	Forest Sciences USDA-USFS-Rocky Mtn. Experiment Station	09/07/95- 09/30/97	8832 \$18,000
Wildlife Damage Control	Andelt,William F	Fishery & Wildlife Biology Colorado Division of Wildlife	07/01/94- 06/30/96	0669 \$81,251
Ecology & Status of Rio Grande Sucker	Johnson,Brett M	Fishery & Wildlife Biology Colorado Division of Wildlife	07/01/95- 06/30/96	0772 \$31,847
White River Elk Study	White,Gary C	Fishery & Wildlife Biology Colorado Division of Wildlife	07/01/95- 06/30/96	0785 \$25,000
Development of New Information & Education Products / Collaborational Research	Covich,Alan P	Fishery & Wildlife Biology Colorado Division of Wildlife	07/01/95- 06/30/96	0786 \$51,609
Developing Tools to Predict Persistence of Extent & Reintroduced Colorado River Cutthroat...	Fausch,Kurt D	Fishery & Wildlife Biology Colorado Division of Wildlife	07/01/95- 06/30/96	0798 \$10,000
Aquatic Resource Analysis	Flickinger,Stephen A	Fishery & Wildlife Biology Colorado Division of Wildlife	07/01/95- 06/30/96	0802 \$57,000
Larimer County Wetlands Inventory & Evaluation	Pague,Christopher A	Fishery & Wildlife Biology Colorado Department of Natural Resources	06/27/95- 09/01/96	0804 \$38,382
Routt County Classification of Riparian Vegetation of the South Platte River Basin	Pague,Christopher A	Fishery & Wildlife Biology Colorado Department of Natural Resources	06/27/95- 09/01/96	0805 \$38,320
Park County Inventory & Evaluation of Park County Peatlands	Pague,Christopher A	Fishery & Wildlife Biology Colorado Department of Natural Resources	06/27/95- 09/01/96	0806 \$9,400
South Platte County Classification of Riparian Vegetation of the South Platte River Basin	Pague,Christopher A	Fishery & Wildlife Biology Colorado Department of Natural Resources	06/27/95- 09/01/96	0807 \$51,000

College: Natural Resources-- Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj#/\$ Amt.
Summitville Mine Site CERCLA Investigation: Livestock & Waterfowl Risk Management	Allredge,L William Ramsdell,Howard S	Fishery & Wildlife Biology Colorado Dept Public Health & Environ	06/30/95- 10/01/96	0812 \$251,550
Trophic Interactions in Colorado Reservoirs - Bioenergetics	Johnson,Brett M	Fishery & Wildlife Biology Colorado Division of Wildlife	07/01/95- 06/30/96	0813 \$12,226
Winter Wheat Pronghorn	White,Gary C	Fishery & Wildlife Biology Colorado Division of Wildlife	07/21/95- 06/30/96	0814 \$17,000
Effects of Habitat on Animal Survival	Wilson,Kenneth	Fishery & Wildlife Biology Colorado Division of Wildlife	07/01/95- 06/30/96	0824 \$8,500
Population Estimation- Black Bear	White,Gary C	Fishery & Wildlife Biology Colorado Division of Wildlife	09/05/95- 06/30/96	0831 \$26,000
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 \$4,000
Effects of Commercial Agriculture Stickers, Surfactants, & Extenders on Residue Retent...	Andelt,William F	Fishery & Wildlife Biology USDA-APHIS-Animal Damage Control	07/07/95- 09/30/95	2039 \$7,000
Inventory of Preble's Meadow Jumping Mouse on Air Force Academy Land	Pague,Christopher	Fishery & Wildlife Biology DOD-USAF-Air Force Academy	05/01/95- 09/30/95	2557 \$1,596
Field Demonstration of Infiltration Controls for Landfills	Hakonson,Thomas	Fishery & Wildlife Biology DOD-NAVY	07/17/95- 09/30/95	2572 \$12,146
Field Demonstration of Infiltration Controls	Hakonson,Thomas	Fishery & Wildlife Biology DOD-NAVY	09/21/95- 01/01/96	2577 \$17,500
Ecological Effects of Reservoir Operations on Blue Mesa Reservoir	Johnson,Brett M	Fishery & Wildlife Biology DOI-Bureau of Reclamation	04/22/93- 12/31/96	2842 \$45,472
Toxicological Evaluation of Flood Plain "Slickens" Along the Clark Fork River	Allredge,A William Nimmo,Del Wayne R	Fishery & Wildlife Biology DOI-NPS-National Park Service	07/15/93- 07/01/96	2893 \$2,300
Structural & Functional Roles of Course Wood Debris in Tropical Stream-Riparian-Upslope...	Covich,Alan P	Fishery & Wildlife Biology NSF-Biological Centers	08/01/93- 01/31/97	3030 \$50,000
A Comparison of Small Mammal Population Dynamics & Influences in Unregulated & Regu...	Wilson,Kenneth R	Fishery & Wildlife Biology USDI-National Biological Survey	03/01/95- 02/28/97	4146 \$97,236
Development of a Monitoring Program for Razorback Sucker	Muth,Robert T	Fishery & Wildlife Biology DOI-Bureau of Reclamation	05/01/95- 09/30/96	4160 \$50,000
Identification of Causes & Extent of Toxicity in Surface Waters at Coal Creek...	Flickinger,Stephen A Nimmo,Del Wayne R	Fishery & Wildlife Biology DOI-NPS-National Park Service	07/01/95- 12/31/96	4164 \$13,000
Research on Stream & Riparian Contaminant Risk Assessment Methods for Monitoring Fish...	Flickinger,Stephen A Nimmo,Del Wayne R	Fishery & Wildlife Biology USDI-National Biological Survey	04/01/95- 09/30/96	4169 \$43,000
Review Natural Resources Utilization & Wildlife Management Programs in Southern Africa	Decker,Eugene	Fishery & Wildlife Biology World Bank	04/01/95- 12/31/95	5721 \$22,500
Cottonwood Creek Preble's Meadow Jumping Mouse Survey	Pague,Christopher A	Fishery & Wildlife Biology Dames & Moore	08/14/95- 09/15/95	6125 \$1,680
Nesting Ecology of the Northern Goshawk & Cooper's Hawk in the Jemez Mountains, New Mexico	Kennedy,Patricia L	Fishery & Wildlife Biology USDA-USFS-Rocky Mtn. Experiment Station	05/01/91- 04/30/96	8780 \$4,200

College: Natural Resources-- Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj#/\$ Amt.
Evaluation of Northern Goshawk Research Needs at Ashley National Forest	Kennedy,Patricia L	Fishery & Wildlife Biology USDA-USFS-Forest Research	09/01/95- 12/31/98	8787 \$10,000
Classification & Characterization of Wetland & Riparian Habitats on the Boulder Ranger...	Rondeau,Renee Pague,Christopher A	Fishery & Wildlife Biology USDA-USFS-Forest Research	09/08/98- 09/30/95	8833 \$4,069
Cross-site Watershed Analysis of Stream Riparian Dynamics	Covich,Alan P	Fishery & Wildlife Biology USDA-USFS-Forest Research	09/12/95- 12/31/96	8837 \$15,000
Correlating Fire Management for Bighorn Sheep with Stewardship of Significant Plant Comm..	Pague,Christopher A Kettler,Steve	Fishery & Wildlife Biology USDA-USFS-Arapahoe & Roosevelt Nat. Fsts	09/08/95- 06/01/97	8839 \$6,200
Conduct a Sitewide Biological Survey for U.S. Naval Oil Shale Reserve No. 1, Garfield County	Pague,Christopher A Spackman,Susan	Fishery & Wildlife Biology U.S. Department of Energy	07/11/95- 10/30/96	9308 \$112,750
Database Development & Analysis for Avian & Mammalian Point & Line Transect Data...	Kennedy,Patricia L	Fishery & Wildlife Biology Univ. California-Los Alamos National Lab	07/14/95- 07/13/96	9309 \$18,000
Sandia Landfill Cover Demonstration	Hakonson,Thomas	Fishery & Wildlife Biology Sandia Corporation/Sandia National Lab.	09/11/95- 09/11/96	9312 \$98,216
Modeling Forest Response to Environmental Change	Lauenroth,William K	Rangeland Ecosystem Science DOI-NPS-National Park Service	07/01/93- 06/01/96	1709 \$49,968
Hydrologic Assessment of Rangelands Using Rainfall Simulation	Goetz,Harold Trlica,Milton J Jr	Rangeland Ecosystem Science USDA-ARS-Agricultural Research Service	09/24/92- 06/01/97	2111 \$14,000
Hydrologic Assessment of Rangelands Using Rainfall Simulation	Goetz,Harold Trlica,Milton J Jr	Rangeland Ecosystem Science USDA-ARS-Agricultural Research Service	09/24/92- 06/01/97	2111 \$45,000
Re-establishment of the Lichen Component in Disturbed Grassland Ecosystems	Mclendon,Terry	Rangeland Ecosystem Science DOD-ARMY-ARO-Army Research Office	06/30/95- 06/29/96	2571 \$43,136
Effects of Moisture & Nitrogen on Seral Dynamics in Experimental Desert Microcosms	Mclendon,Terry	Rangeland Ecosystem Science DOD-ARMY-CERL-Const. Engineer. Res. Lab.	08/21/95- 08/20/96	2576 \$11,785
Evaluate & Establish Selected Native Plant Materials on Mancos Shale Soils	Redente,Edward F McLendon,Terry	Rangeland Ecosystem Science DOI-NPS-National Park Service	09/01/93- 10/01/96	2884 \$26,000
Dynamic Spatial Patterns During Succession: Resolving Pattern & Mechanisms Using Grid...	Childress,Michael W	Rangeland Ecosystem Science Texas A & M	10/01/93- 06/30/96	3443 \$35,321
Restoration at Rocky Mountain Arsenal National Wildlife Refuge	Redente,Edward F	Rangeland Ecosystem Science DOI-USFWS-Fish & Wildlife Service	07/01/95- 04/30/96	4162 \$152,000
Rangeland Evaluation	Rittenhouse,Larry R	Rangeland Ecosystem Science Campo Grazing Association, Inc.	03/01/95- 02/28/97	5321 \$15,400
Develop Classification & Monitoring Systems for the Thunder Basin Grasslands	Goetz,Harold	Rangeland Ecosystem Science USDA-USFS-Rocky Mtn. Experiment Station	08/24/93- 08/23/98	8747 \$13,000
Influence of Grazing on Mountain Plover Habitat	Trlica,Milton J Jr	Rangeland Ecosystem Science USDA-USFS-Rocky Mtn. Experiment Station	07/18/95- 05/30/98	8771 \$37,617
Influence of Grazing on Mountain Plover Habitat	Trlica,Milton J Jr	Rangeland Ecosystem Science USDA-USFS-Rocky Mtn. Experiment Station	07/18/95- 05/30/98	8771 \$8,000
Burrowing Owl Densities & Nest Sites in Relation to Black-tailed Prairie Dog Colony...	Goetz,Harold	Rangeland Ecosystem Science USDA-USFS-Forest Research	07/01/95- 01/31/96	8773 \$3,200

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Title	Principal Investigator	Department/Sponsor Name	Dates	Proj#/\$ Amt.
Vegetation & Soils of the Comanche National Grasslands	Rittenhouse,Larry R Kelly,Eugene F	Rangeland Ecosystem Science USDA-USFS-Forest Research	06/28/95- 02/28/96	8830 \$10,000
Human Dimensions in Natural Resources Research Unit	Manfredo,Michael J	Nat Resource Recreation & Tourism Colorado Division of Wildlife	07/01/95- 06/30/96	0370 \$130,000
Planning for Experience Based Wildlife Viewing Recreation	Wells,Marcella A	Nat Resource Recreation & Tourism Colorado Division of Wildlife	08/11/95- 06/30/96	0822 \$30,778
IPA - USBLM for William D. Miller	Haas,Glenn E	Nat Resource Recreation & Tourism DOI-BLM-Bureau of Land Management	11/15/93- 11/14/97	1750 \$88,150
Development & Application of Biological Assessment Techniques	Haas,Glenn E Boyle,Terence P	Nat Resource Recreation & Tourism USDI-National Biological Survey	10/01/94- 12/31/97	4171 \$92,000
Study on Elk Population Dynamics & the Interaction Between People & Elk in Wind Cave... Management of Human Interactions with Elk	Aukerman,Robert	Nat Resource Recreation & Tourism USDI-National Biological Survey	05/01/95- 12/31/97	4172 \$10,000
National Forest User Perceptions & the Role of Interpretation on Grazing Allotments	Aukerman,Robert	Nat Resource Recreation & Tourism USDI-National Biological Survey	01/01/95- 09/30/95	4178 \$5,000
Stratigraphy of Holocene Floods in the Western Great Plains	Wallace,George N	Nat Resource Recreation & Tourism USDA-USFS-Forest Research	04/10/92- 03/31/97	8794 \$900
95/96 Aquatic Studies	Wohl,Ellen E	Earth Resources USDI-National Biological Survey	03/01/95- 12/31/95	4177 \$19,465
95/96 Grouse Research	Bergersen,Eric P	Cooperative Fish & Wildlife Research Colorado Division of Wildlife	07/01/95- 06/30/96	0762 \$47,220
95-96 Optimal Feeding Strategies	Burnham,Kenneth P	Cooperative Fish & Wildlife Research Colorado Division of Wildlife	07/01/95- 06/30/96	0763 \$13,250
95/96 'S' Account Subcontract	Anderson,David R	Cooperative Fish & Wildlife Research Colorado Division of Wildlife	07/01/95- 06/30/96	0764 \$13,250
An Evaluation of Satellite Telemetry to Identify Migration Routes & Wintering Areas...	Anderson,David R	Cooperative Fish & Wildlife Research Colorado Division of Wildlife	07/01/95- 06/30/96	0765 \$16,000
Statistical Methodology for National Wetlands Inventory Status & Trends Data	Kennedy,Patricia L	Cooperative Fish & Wildlife Research DOI-USFWS-Fish & Wildlife Service	07/01/93- 09/30/96	2878 \$15,941
Effects of Sediment Contaminants on Macroinvertebrate & Fish Assemblages on Lower Lakes..	Burnham,Kenneth P Bowden,David C	Cooperative Fish & Wildlife Research DOI-USFWS-Fish & Wildlife Service	08/15/93- 06/30/97	2883 \$45,035
Statistical Methodology for Desert Tortoise Abundance Estimation & Density Mapping	Clements,William H	Cooperative Fish & Wildlife Research DOI-USFWS-Fish & Wildlife Service	07/01/94- 12/31/97	4120 \$13,960
Assessment of Non-Market Resources in Fire Management	Burnham,Kenneth P Anderson,David R	Cooperative Fish & Wildlife Research USDI-National Biological Survey	08/01/95- 09/30/97	4173 \$39,990
Determining the Efficient Mix of Fire Management Activities	Rideout,Douglas B Loomis,John B	Cooperative Fish & Wildlife Research US Department of the Interior	08/15/95- 02/15/98	4174 \$122,191
Cost Effectiveness Analysis of Hazard Fuel Reduction Programs	Rideout,Douglas B Omi,Philip N	Cooperative Fish & Wildlife Research DOI-USFWS-Fish & Wildlife Service	08/15/95- 08/15/97	4175 \$131,271
	Omi,Philip N Rideout,Douglas B	Cooperative Fish & Wildlife Research DOI-USFWS-Fish & Wildlife Service	08/15/95- 02/15/97	4176 \$66,045

College: Natural Resources-- Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj#/\$ Amt.
Inventory & Monitoring of Bat Populations	Anderson,David R	Cooperative Fish & Wildlife Research USDI-National Biological Survey	08/22/95- 06/01/98	4179 \$20,000
A Combined Analysis of Tag Recovery & Recapture Data to Estimate Stock-specific Mortality...	Burnham,Kenneth P	Cooperative Fish & Wildlife Research USDI-National Biological Survey	09/20/95- 07/31/97	4182 \$34,863
SCOP: A System for Conservation Planning - 1995-1997	Hobbs,N Thompson Gross,John E	Natural Resource Ecology Lab Colorado Division of Wildlife	08/10/95- 06/30/96	0823 \$140,000
Fungal Contributions to Soil Organic Matter Formation	Elliott,Edward T Paustian,Keith H	Natural Resource Ecology Lab USDA-CSRS-CGP-Competitive Grants Program	08/15/95- 08/31/98	1489 \$177,000
Analysis of Production, N Dynamics & Profitability in Complex Cropping Systems	Paustian,Keith H	Natural Resource Ecology Lab USDA-CSRS-CGP-Competitive Grants Program	09/15/95- 09/30/98	1496 \$240,000
Carbon Balance in Global Grasslands	Schimel,David S	Natural Resource Ecology Lab National Aeronautics & Space Admin.	04/01/95- 03/31/96	1948 \$446,079
An Assessment of the Impacts of CRP on Soil Carbon Sequestration	Paustian,Keith H	Natural Resource Ecology Lab USDA-SCS-Soil Conservation Service	09/29/94- 03/31/96	2004 \$35,702
Analysis of Changes in Soil Carbon Balance	Hunt,H William	Natural Resource Ecology Lab USDA-ARS-Agricultural Research Service	04/29/91- 04/28/96	2059 \$39,442
Building a U.S. Trace Gas Network	Ojima,Dennis	Natural Resource Ecology Lab USDA-ARS-Agricultural Research Service	09/27/95- 09/30/99	2063 \$19,000
Measurement of Nitrous Oxide & Methane in Native & Managed Grasslands for Development...	Parton,William J	Natural Resource Ecology Lab USDA-ARS-Agricultural Research Service	09/17/91- 08/31/96	2082 \$24,300
REU Supplement: Long-Term Ecological Research Programs; Shortgrass Steppe	Coffin,Debra P Burke,Ingrid C	Natural Resource Ecology Lab NSF-Biological Centers	11/01/93- 10/31/95	3226 \$18,727
Effects of Different-sized Herbivores on Grassland Plant Diversity; a Crosssite Study	Milchunas,Daniel G Detling,James K	Natural Resource Ecology Lab NSF - Biological Centers	10/01/95- 09/30/98	3397 \$66,481
Integrated Assessment of the Effects of Climate & Land use Change on Ecosystem Dynamics...	Ellis,James E Coughenour,Michael B	Natural Resource Ecology Lab NSF-GEO-Geosciences	10/01/95- 09/30/98	3398 \$400,000
Biogeochemical & Hydrologic Controls on Nutrient Fluxes in Freshwater Ecosystems: Link...	Baron,Jill S Freckman,Diana	Natural Resource Ecology Lab NSF-GEO-Geosciences	09/15/95- 08/31/98	3399 \$70,000
Grassland-Atmosphere Interactions: Analyses Using Coupled Ecophysiological, Ecosystem...	Coughenour,Michael B Chen,Dexing	Natural Resource Ecology Lab NSF-Biological Centers	09/15/95- 08/31/98	3500 \$250,000
National Park Resources Bibliographies	Stohlgren,Thomas J Coughenour,Michael B	Natural Resource Ecology Lab DOI-NPS-National Park Service	05/01/94- 05/01/97	4123 \$10,000
The NBS Global Change Data Center	Simmons,Carol L	Natural Resource Ecology Lab USDI-National Biological Survey	05/16/95- 09/30/96	4152 \$24,765
Effects of Increased Nitrogen Deposition on Subalpine Forest Growth	Baron,Jill S Binkley,Daniel E	Natural Resource Ecology Lab USDI-National Biological Survey	04/01/95- 09/30/98	4168 \$11,000
Operating Costs for Organizing the Ecological Society of America 1995-1996 Annual Meeting	Baron,Jill S	Natural Resource Ecology Lab Ecological Society of America	09/01/94- 08/31/96	5013 \$15,000
Quality Assurance Support for the National Atmospheric Deposition Program/National...	Bigelow,David S	Natural Resource Ecology Lab Environmental Protection Agency	05/01/94- 04/30/96	5838 \$136,248

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Title	Principal Investigator	Department/Sponsor Name	Dates	Proj#/\$ Amt.
Population & Environment in the U.S. Great Plains	Parton,William J Galvin,Kathleen	Natural Resource Ecology Lab University of Texas at Austin	08/01/95- 07/31/96	7503 \$77,552
Oregon Coast Range Province Adaptive Management Pilot Project: Application of AR/GIS...	Elliott,Edward T	Natural Resource Ecology Lab USDA-Forest Service-Pacific NW Exp Statn	09/14/95- 06/30/96	8836 \$35,000
Prioritization Tools for Ecosystem Protection - Developing a Geographic Framework...	Elliott,Edward T	Natural Resource Ecology Lab USDA-USFS-Rocky Mtn. Experiment Station	09/19/95- 06/30/96	8838 \$25,000

College: Natural Sciences-- Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj#/\$ Amt.
Rocky Mountain Teacher Education Collaborative	Stein,Fredrick M Hartley,Nancy K	Center for Science, Math & Tech Edu University of Northern Colorado	06/15/94- 05/31/96	3446 \$218,893
Minority Initiative for Denver Schools- (MINDS)	Stein,Fredrick M	Center for Science, Math & Tech Edu Denver Public Schools	09/01/94- 02/28/96	3469 \$24,000
CIRB Fellowship: Gary Geiss	Paule,Marvin R	Biochemistry & Molecular Biology CIRB-Colo Inst Research in Biotechnology	07/01/95- 06/30/96	0837 \$8,000
Biochemical Analysis of PH05 Gene Regulation	Laybourn,Paul J	Biochemistry & Molecular Biology NSF-Biological Centers	08/01/95- 07/31/96	3252 \$95,000
Study of the Molecular Mechanisms Controlling Growth Suppression During Neurogenesis	Chiaramello,Anne E	Biochemistry & Molecular Biology Cancer League of Colorado, Inc.	07/01/95- 06/30/96	5318 \$20,000
Chromatin Structure & the Regulation of Gene Activity	Laybourn,Paul J	Biochemistry & Molecular Biology Council for Tobacco Research- USA, Inc.	07/01/95- 06/30/96	5568 \$59,455
Active Sites & Mechanisms of RNA Polymerase	Woody,A-Young M Woody,Robert W	Biochemistry & Molecular Biology HHS-PHS-Cellular & Molecular / Research	07/01/95- 06/30/96	7654 \$161,998
Hemorrhagic & Necrotic Toxins in Snake Venoms	Tu,Anthony T	Biochemistry & Molecular Biology HHS-NIH-Office of AIDS Research	09/01/95- 08/31/96	7705 \$24,498
Transcriptional Regulation by the HTLV Tax Protein; Minority Supp for Kenneth Escudero	Escudero,Kenneth W Nyborg,Jennifer K	Biochemistry & Molecular Biology HHS-NIH-NCI-National Cancer Institute	09/10/95- 11/30/95	7706 \$13,961
Circular Dichroism & Protein Structure	Woody,Robert W	Biochemistry & Molecular Biology HHS-PHS-Senior International Fellowships	09/01/95- 08/31/96	7913 \$31,412
Chemical Processing of Advanced Ceramics	Maciel,Gary E	Chemistry Southwest Research Institute	06/23/95- 09/30/95	2611 \$25,000
Chemical Processing of Advanced Ceramics	Maciel,Gary E	Chemistry Southwest Research Institute	06/23/95- 09/30/95	2611 \$8,750
Solvation & Reaction Dynamics in Liquids & Molecular Clusters	Ladanyi,Branka M	Chemistry NSF-MPS-Mathematical & Physical Sciences	08/01/95- 01/31/96	3235 \$67,700
Molecular - Recognition Membranes & Electrodes	Martin,Charles R	Chemistry NSF - Engineering Grant	09/01/95- 08/31/98	3240 \$167,043
Properties of Isolated & Solvated Aromatic Carbenes	Bernstein,Elliot R	Chemistry National Science Foundation	07/15/93- 12/31/96	3375 \$28,600
Linked Donor - Acceptor - Chromophore System	Elliott,C Michael	Chemistry US Department of Energy	03/01/96- 08/31/96	3849 \$110,000
Multinuclear Magnetic Resonance Study of the Interactions of Pollutants with Major Soil...	Maciel,Gary E	Chemistry DOE-Basic Energy Sci / Univ & Sci Educ	07/01/95- 06/30/96	3860 \$120,000
A Novel Tandem Homojunction Solar Cell: An Advanced Technology for High Efficiency...	Parkinson,Bruce A Temkin,Henryk	Chemistry DOE-Office of Energy Research	07/01/95- 06/30/96	3862 \$322,033
Nanomaterials in Secondary Battery Research & Development	Martin,Charles R Fisher,Ellen R	Chemistry DOE-Office of Energy Research	09/15/95- 12/14/96	3866 \$80,000
Theoretical Chemistry & Polymers	Fixman,Marshall	Chemistry HHS-PHS-Biophysics & Physiological Sci.	07/01/95- 06/30/96	4795 \$166,855

College: Natural Sciences-- Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj#/\$ Amt.
Editorial Office for Journal of Chemical Physics	Fixman,Marshall Ladanyi,Branka M	Chemistry American Institute of Physics	08/01/95- 07/31/96	5597 \$76,789
Novel x-Axis Conductive Films	Martin,Charles R	Chemistry Texas Instruments, Inc.	07/01/95- 07/31/96	6124 \$50,000
Graphite Ballast Resistors for Field Emission Applications:	Martin,Charles R	Chemistry SI Diamond Technology, Inc.	10/01/95- 03/31/96	6130 \$30,000
B12 Dependent Ribonucleotide Reductase Metallochemistry	Finke,Richard G	Chemistry HHS-PHS-Diabetes, Endocrin. & Metab. Res	07/01/95- 06/30/96	7655 \$165,395
Approaches to Natural Products Containing Chiral Carbon and Nitrogen Compounds	Meyers,Albert I	Chemistry HHS-PHS-Pharmacology & Biorelated Chem	07/01/95- 06/30/96	7695 \$205,521
FY 96 Program Plan	Vonmayrhauser,A	Computer Science CATI-Colo. Advanced Technology Institute	07/01/95- 06/30/96	0767 \$330,000
Domain-based Testing with SLEUTH	Vonmayrhauser,A	Computer Science CASI-Colorado Advanced Software Inst.	07/01/95- 12/31/95	0826 \$14,000
A Comparative Study of Search Methods for Seismic Problems	Whitley,L Darrell	Computer Science CASI-Colorado Advanced Software Inst.	07/01/95- 08/31/96	0834 \$43,845
Using Terrain Knowledge in Multisensor RSTA	Beveridge,J Ross	Computer Science DOD-ARPA-Advanced Research Proj. Agency	07/01/95- 06/30/98	2566 \$94,240
Intergovernmental Personnel Act (IPA) Agreement for Dr. Oldehoeft	Oldehoeft,Rodney R	Computer Science US Department of Energy	07/01/95- 06/30/96	3861 \$123,309
NPSC Fellowship--Soroya Rana	Whitley,L Darrell	Computer Science National Physical Science Consortium	06/01/95- 05/31/96	5271 \$12,500
A Numerical Simulator for the Taylor-Coulette Problem	Thomas,James W Kirby,Michael J	Mathematics NSF-MPS-Mathematical & Physical Sciences	08/01/95- 07/31/98	3234 \$110,000
Three-Dimensional, Computer-Generated Models of Human Gross Anatomy	Miranda,Henry P Spurgeon,Thomas L	Mathematics Butler Communications	01/21/94- 09/24/95	6881 \$81,585
Penning Trap Ion Dynamics	Lee,Siu Au	Physics DOC-NIST-Nat. Inst. Standards & Tech..	03/16/95- 09/30/95	1298 \$8,456
High Power Microwave & Millimeter Wave Instrumentation	Patton,Carl E	Physics DOD-NAVY-ONR-Office of Naval Research	06/26/95- 06/30/96	2563 \$313,153
Microwave/Optical Spectroscopy of Helium & H2 Rydberg States	Lundeen,Stephen R	Physics NSF-Biological Centers	08/01/95- 07/31/96	3228 \$145,000
Ultrasonic Study of Hydrogen-Metal & Other Condensed Matter Systems	Leisure,Robert G	Physics NSF-MPS-Mathematical & Physical Sciences	07/01/95- 02/29/96	3389 \$74,910
Atmospheric Dynamics Using Sodium & Rayleigh Lidars at Ft. Collins & ALOMAR	She,Chiaoyao Krueger,David A	Physics NSF-GEO-Geosciences	09/01/95- 08/31/96	3392 \$40,000
Light Force Manipulation of Aluminum Atoms	Lee,Siu Au	Physics Harvard University	03/15/95- 09/30/96	3470 \$60,003
Research in Collider Physics	Toki,Walter Wilson,Robert J	Physics US Department of Energy	04/15/95- 04/14/96	3852 \$44,900

College: Natural Sciences-- Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj#/\$ Amt.
Research in Collider Physics	Wilson,Robert J Toki,Walter	Physics US Department of Energy	04/15/95- 04/14/96	3859 \$32,000
Research in Collider Physics- Subproject	Toki,Walter Wilson,Robert J	Physics US Department of Energy	04/15/95- 04/14/96	3863 \$26,800
PMT HV Base System for BaBar	Wilson,Robert J	Physics Stanford University	08/18/95- 07/30/96	9310 \$12,800
Continuous Quality Improvement Intern	Thornton,George C	Psychology Colorado Department of Transportation	03/25/94- 06/30/96	0596 \$23,000
Adolescent AOD Use Among Asian Groups	Beauvais,Frederick Oetting,Eugene R	Psychology Southwest Regional Laboratories	09/30/94- 08/31/95	4342 \$90,834
Alcohol Use & Related Problems: Mexican American Youth	Swaim,Randall C Chavez,Ernest L	Psychology HHS-PHS-Alcohol Research Programs	08/01/95- 06/30/96	4626 \$423,134
School Consultation / Special Education	Rosen,Lee A	Psychology Poudre R-1	08/16/95- 05/31/96	5625 \$40,492
BRAIN Video Module Revision	Vattano,Frank J Bennett,Thomas L	Psychology Various "For Profit" Sponsors	05/15/95- 01/10/97	6095 \$273,573
Drug Use & Other Risky Behaviors Among Rural Youth Project #2	Edwards,Ruth W	Psychology HHS-CDC-Environ. Hlth & Injury Control	09/01/95- 08/31/96	7702 \$12,615
Technical Assistance	Hautaluoma,Jacob E	Psychology CID-Consortium for Inter. Development	10/19/94- 08/31/95	9202 \$5,348
Research Design	Bowden,David C	Statistics Colorado Division of Wildlife	07/01/95- 06/30/96	0836 \$34,091
Bowhead Whale Length & Weight	Givens,Geof H	Statistics DOC-NOAA-National Marine Mammal Lab	04/17/95- 12/31/95	1299 \$7,518
Time Series Models & Extreme Value Theory	Davis,Richard A Rosenblatt,Murray	Statistics NSF-MPS-Mathematical & Physical Sciences	07/15/95- 06/30/96	3232 \$70,000
Identification & Establishment of CauseEffect Relationships Using Ecological Data	Iyer,Hariharan K	Statistics USDA-USFS-Rocky Mtn. Experiment Station	09/07/95- 12/31/96	8834 \$31,000
Effects of Changing Land Use on Wildlife Diversity	Wiens,John A	Biology Colorado Division of Wildlife	07/01/95- 06/30/96	0819 \$17,500
Influence of Sex Allele Diversity on Biological Control by Bracon hebetor	Antolin,Michael F	Biology USDA-CSRS-CGP-Competitive Grants Program	08/01/94- 07/31/96	1405 \$70,000
Cloning a Juvenile Hormone Insecticide Resistance Gene	Wilson,Thomas G	Biology USDA-CSRS-CGP-Competitive Grants Program	08/01/95- 07/31/97	1490 \$120,000
Alterations in Species Composition of Grassland Communities Due to Changing Climates:...	Detling,James K	Biology National Aeronautics & Space Admin.	09/01/95- 08/31/96	1912 \$22,000
Support of Graduate Research in Biology	Herbers,Joan M	Biology USDA-APHIS-Animal Damage Control	07/07/95- 09/30/95	2058 \$12,000
Evolution of Learning-Related Neuromodulation	Wright,William G	Biology NSF-Biological Centers	09/01/95- 08/31/96	3273 \$60,000

College: Natural Sciences-- Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj#/\$ Amt.
Within- & Across-site Variation in Ant Community Structure & Ecosystem Functions...	Wiens,John A	Biology NSF-Biological Centers	10/01/95-09/30/98	3396 \$199,809
Ungulate-Prairie Dog-Plant Interactions in Badlands National Park	Detling,James K	Biology USDI-National Biological Survey	03/26/95-09/30/95	4166 \$11,000
Avian Diversity & Predator Assemblages in Lowland Riparian Areas	Wiens,John A Miller,James Robert	Biology City of Boulder	05/15/95-12/31/95	5322 \$4,643

College: Veterinary Medicine & Biomedical Sciences-- Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj#/\$ Amt.
Regulation of Membrane Excitability	Beam,Kurt G	Anatomy & Neurobiology HHS-PHS-Biol Basis Research in Neurosci	05/01/95- 04/30/96	4407 \$21,934
Local Interactions Between Hippocampal Neurons	Dudek,F Edward	Anatomy & Neurobiology HHS-PHS-Biol Basis Research in Neurosci	08/04/95- 05/31/96	4412 \$171,525
In Vivo Intracellular Study of Kainic Acid-Treated Rats	Dudek,F Edward Buckmaster,Paul S	Anatomy & Neurobiology HHS-PHS-Biol Basis Research in Neurosci	09/30/95- 08/31/96	4614 \$75,603
GAP Junctions in Identified Spinal Cord Neurons of Rat	Rash,John E	Anatomy & Neurobiology HHS-PHS-Biol Basis Research in Neurosci	07/01/95- 05/31/96	4617 \$215,367
Amino Acid Release & Hypoxic Neuronal Damage	Madl,James E	Anatomy & Neurobiology HHS-PHS-Biol Basis Research in Neurosci	08/01/95- 07/31/96	4731 \$103,131
Filopodia as Precursors to Newly Formed Neurites	Beam,Kurt G Williams,Cheri	Anatomy & Neurobiology HHS-PHS-Biol Basis Research in Neurosci	09/01/95- 08/31/96	4966 \$28,600
Computer-Generated 3-D Models of the Human Head & Neck	Spurgeon,Thomas L Miranda,Henry P	Anatomy & Neurobiology Butler Communications	05/01/95- 09/24/95	6096 \$172,223
FeLV-FAIDS Surface Glycoprotein & Immunodeficiency	Hoover,Edward A	Pathology Southern Research Institute	08/01/94- 05/31/95	4301 \$80,427
FeLV-FAIDS Surface Glycoprotein & Immunodeficiency	Hoover,Edward A	Pathology Southern Research Institute	06/01/95- 05/31/96	4343 \$85,526
Immune Response to Leishmania Major	Titus,Richard	Pathology HHS-PHS-Microbiology & Infectious Dis Re	07/01/95- 06/30/96	4401 \$236,963
Feline Model of AIDS-Dementia Complex: Neuropathogenesis	Mitchell,Thomas W Gasper,Peter W	Pathology HHS-PHS-Comparative Medicine Program	07/15/95- 07/14/96	4406 \$80,136
Characterization of Feline Model of Niemann-Pick Type C	Thrall,Mary Anna	Pathology HHS-PHS-Comparative Medicine Program	09/30/95- 09/29/96	4413 \$127,629
Transcriptional Control of Bovine Leukemia Virus	Brooks,Patricia A Cockerell,Gary L	Pathology HHS-PHS-Comparative Medicine Program	09/01/95- 08/31/96	4627 \$51,595
Mechanisms of Lentiviral Lymphoid Interstitial Pneumonia	Demartini,James C	Pathology HHS-PHS-Lung Disease Research	08/01/95- 07/31/96	4637 \$280,366
In Vivo Test Systems for Combined Chemotherapies Against HIV	Hoover,Edward A	Pathology HHS-PHS-AID-Microbio & Infectious Dis Re	08/01/90- 07/31/96	4684 \$150,000
Immunopathogenesis of Transmucosal FIV Infection	Hoover,Edward A Burkhard,Mary Jo	Pathology HHS-NRSA-Nat. Research Service Award	08/01/95- 07/31/96	4964 \$33,800
Minority Predoctoral Fellowship Program Support for Richard A Reyes	Cockerell,Gary L	Pathology HHS-PHS-Rural Health Medical Ed Demo Prj	10/01/95- 09/30/96	4967 \$14,824
Post Doctor of Veterinary Medicine Trainee Position	Weiser,M Glade Cockerell,Gary L	Pathology Rhone-Poulenc Rorer	07/01/95- 06/30/99	6120 \$36,125
CIRB Fellowship (Karin Bodensteiner)	Sawyer,Heywood R	Physiology CIRB-Colo Inst Research in Biotechnology	07/01/95- 06/30/96	0830 \$8,000
Regulation of GnRH Receptor Synthesis	Nett,Torrance M	Physiology USDA-CSRS-CGP-Competitive Grants Program	09/15/95- 09/30/98	1495 \$230,000

College: Veterinary Medicine & Biomedical Sciences- Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj#/\$ Amt.
Function & Mechanism of Action of Placental Hormones	Anthony,Russell V	Physiology USDA-CSRS-CGP-Competitive Grants Program	09/15/95- 09/30/98	1497 \$187,000
A Critical Analysis of Education & Science Communication Programs in the Space Life...	Phillips,Robert W Coulter,Gary R	Physiology NASA-ARC-Ames Research Center	07/01/95- 06/30/96	1929 \$442,323
Insemination of Heifers With Critical Numbers of Unfrozen Sperm	Seidel,George E Jr	Physiology National Association of Animal Breeders	07/01/95- 06/30/96	5323 \$14,965
Pathogenesis of Diabetic Neuropathy 06	Ishii,Douglas N	Physiology HHS-PHS-CIncl Rsrch Rel Neurologl Disord	09/01/95- 08/31/96	7635 \$246,799
Recovery from Nerve Injury- Project 4	Ishii,Douglas N	Physiology HHS-CDC-Environ. Hlth & Injury Control	09/01/95- 08/31/96	7704 \$62,055
Training in Mammalian Reproductive Biology	Niswender,Gordon D	Physiology HHS-PHS-Population Research	09/01/95- 06/30/96	7912 \$83,387
Radiobiological Studies: Task V	Lett,John T Lee,Arthur C	Radiological Health Sciences National Aeronautics & Space Admin.	07/01/95- 06/30/96	1908 \$90,000
Responses of Leukemic Cells & Transfections to X-rays & Heat Treatments	Lett,John T	Radiological Health Sciences DOD-USAF-Air Force	09/28/95- 09/30/96	2586 \$50,000
Molecular & Cytogenetic Analysis of Mutation Induction	Waldren,Charles A	Radiological Health Sciences HHS-NIH-NCI-National Cancer Institute	04/01/95- 03/31/96	4780 \$20,281
Supplemental Data on Plutonium in Human Urine & Tissues & Associated Dosimetry	Whicker,Floyd W Ibrahim,Shawki A	Radiological Health Sciences Dow Chemical Company	07/15/95- 02/15/96	6119 \$197,110
Background Radiation Variation in Populated Areas along the Front Range, Colorado	Whicker,Floyd W Ibrahim,Shawki A	Radiological Health Sciences Dow Chemical Company	06/01/95- 09/30/95	6121 \$17,676
Radiological Sciences Basic to Cancer Research	Bedford,Joel S	Radiological Health Sciences HHS-PHS-Cancer Research Manpower	09/01/95- 08/31/96	7914 \$174,370
Modeling Bovine Tuberculosis in Wild Ungulates	Salman,Mowafak D	Environmental Health Colorado Division of Wildlife	06/06/95- 06/30/96	0761 \$1,294
Occupational Health & Safety Consultation Program	Buchan,Roy M	Environmental Health DOL-OSHA-Occupa. Safety & Health Admin.	10/01/95- 09/30/96	1099 \$471,000
Feasibility Study for PBPK/PD Modeling of JP-5 Jet Fuel	Yang,Raymond S H	Environmental Health DOD-NAVY	09/26/95- 08/31/96	2585 \$49,979
Melatonin Levels in Electric Utility Workers	Reif,John S	Environmental Health Martin Marietta Corporation	02/01/95- 04/30/96	3991 \$19,837
Yellowstone National Park Water Analysis	Tessari,John Domenic	Environmental Health DOI-NPS-National Park Service	09/16/94- 04/01/95	4180 \$2,350
Modulation of Estrogen Metabolism in Human Breast Cancer Cells Following Chlorinated...	Cosma,Greg N	Environmental Health Cancer League of Colorado, Inc.	07/01/95- 06/30/96	5317 \$19,000
Training Programs in Veterinary Epidemiology	Salman,Mowafak D	Environmental Health Teachers of Veterinary Public Health	01/01/94- 12/31/96	5537 \$11,369
Training Programs in Veterinary Epidemiology	Salman,Mowafak D	Environmental Health Teachers of Veterinary Public Health	01/01/94- 12/31/96	5537 \$6,150

College: Veterinary Medicine & Biomedical Sciences-- Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj#/\$ Amt.
Cadmium & Arsenic QA/QC- ENSR/Globeville	Tessari,John Domenic	Environmental Health ENSR Consulting & Engineering	06/01/95- 09/30/95	6132 \$13,618
Organochlorine Compounds & Risk of Breast Cancer- QA/QC Study	Tessari,John Domenic	Environmental Health Yale University	09/30/94- 09/29/95	7502 \$25,000
Leukocyte Mediated Liver Toxicity	Billings,Ruth E	Environmental Health HHS-NIH-Digestive Diseases & Nutri. Res.	09/30/95- 09/29/96	7620 \$180,393
Liver Toxicity of Hemoglobin Solutions	Billings,Ruth E	Environmental Health HHS-PHS-Blood Diseases & Resources Res.	08/01/95- 07/31/96	7656 \$199,023
Application of Physiologically Based Pharmacokinetic/Pharmacodynamic (PBPK.PD) Mode...	Yang,Raymond S H	Environmental Health HHS-PHS-Toxic Substances & Dis. Registry	09/30/95- 09/29/96	7698 \$151,000
Colorado Injury Control Research Center	Stallones,Lorann	Environmental Health HHS-CDC-Environ. Hlth & Injury Control	09/01/95- 08/31/96	7700 \$208,185
Colorado Farm Family Health & Hazard Surveillance	Stallones,Lorann	Environmental Health HHS-Occup Safety/Health Research Grants	09/28/95- 09/28/96	7707 \$319,269
High Plains Intermountain Center for Agriculture & Safety (HI-CAHS)	Buchan,Roy M	Environmental Health HHS-Occup Safety/Health Research Grants	09/30/95- 08/29/96	7708 \$459,995
DNA Fingerprinting of Game Tissue for Individual Animal Identification	Ellis,Robert P	Microbiology Colorado Division of Wildlife	07/01/95- 06/30/96	0828 \$12,000
Tuberculosis Epidemiology Center	Orme,Ian M	Microbiology Case Western Reserve University	09/30/94- 09/29/96	4310 \$102,572
A Genetic Approach to MosquitoBorne Disease Control - Project 4	Beaty,Barry J Carlson,Jonathan O	Microbiology University of Wisconsin	06/01/95- 05/31/96	4344 \$174,974
Cell Wall of M. Tuberculosis; Focus for Drug Discovery	Brennan,Patrick J	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	08/01/95- 07/31/96	4408 \$420,710
Cell Wall of M. Tuberculosis; Focus for Drug Discovery	Belisle,John T	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	08/01/95- 07/31/96	4410 \$83,788
Cell Wall of M. Tuberculosis; Focus for Drug Discovery	Inamine,Julia M	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	08/01/95- 07/31/96	4411 \$130,233
Molecular Genetic Analysis of Mycobacterium Tuberculosis	Inamine,Julia M	Microbiology HHS-PHS-Microbiology & Infectious Dis Re	08/01/95- 07/31/96	4649 \$64,422
Aging & Immunity to Tuberculosis	Orme,Ian M	Microbiology HHS-PHS-Aging Research	08/10/95- 07/31/96	4734 \$233,016
Cell Wall Biogenesis: Target for New Anti-TB Drugs	McNeil,Michael R Inamine,Julia M	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	09/01/95- 08/31/96	4818 \$431,127
Epidemic Potential of Emerging Reassortant Bunyaviruses	Beaty,Barry J Black,William C	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	09/01/95- 08/31/96	4830 \$123,136
Mycolic Acid Synthesis; Target for New Drugs Against TB	Brennan,Patrick J	Microbiology SmithKline Beecham Pharmaceuticals	04/01/94- 03/31/97	6896 \$87,956
Rocky Mountain Raptor Program	Scherpelz,Judith A	Clinical Sciences Colorado Division of Wildlife	07/01/95- 06/30/98	0821 \$10,000

College: Veterinary Medicine & Biomedical Sciences- Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj#/\$ Amt.
Evaluating Options for Monitoring Health of Horses in Colorado & in the United States	Traub-Dargatz,Josie	Clinical Sciences USDA-APHIS-Ag & Plant Health Insp Srvc	09/01/95- 01/31/96	2020 \$22,581
The Analysis of a Possibly Chondroprotective & Chondroenhancing Therapeutic Treatment...	Frisbie,David D McIlwraith,C Wayne	Clinical Sciences American College of Veterinary Surgeons	07/01/95- 07/01/96	5319 \$4,940
Does Dynamic Cardiomyoplasty Improve Cardiac Mechanical Efficiency	Orton,E Christopher	Clinical Sciences American Heart Association of Colorado	07/01/95- 06/30/96	5324 \$39,994
Allograft Tendon Interposition for Tendon Reconstruction	Egger,Erick L Gottsauer-Wolf,F	Clinical Sciences Austrian National Bank	03/01/94- 09/30/95	5549 \$400
Efficacy of Etodolac as a Nonsteroidal Anti-inflammatory Drug	Schwarz,Peter D	Clinical Sciences Fort Dodge Laboratories	07/01/93- 06/15/96	6001 \$2,489
Evaluation of rhBMP-2 with an OPLA Carrier in a Sheep Interbody Spinal Fusion Model	Turner,Anthony Simon Seim,Howard B	Clinical Sciences Danek Corporation	06/01/95- 05/31/96	6123 \$25,616
Effects of Enalapril on Naturally-occurring Glomerulonephritis in Dogs	Grauer,Gregory F Greco,Deborah S	Clinical Sciences Merck Sharp & Dohme (Merck & Company)	08/01/95- 12/31/97	6128 \$14,355
Cementless Total Hip Replacement Using a Biological Grout - Pilot Project	Schwarz,Peter D	Clinical Sciences Norian Corporation	08/01/91- 12/30/95	6677 \$248
National Sheep Quality Assurance & Food Safety Program	Kimberling,Cleon V	Clinical Sciences American Sheep Industry Association	04/01/92- 12/31/95	6729 \$4,525
Lumbar Disc Arthroplasty - A Study in Sheep	Seim,Howard B Turner,Anthony Simon	Clinical Sciences Danek Corporation	06/28/93- 09/30/95	6887 \$23,213
Lilly Osteoporosis Project	Turner,Anthony Simon	Clinical Sciences Lilly Research Laboratories	02/10/94- 12/30/95	6900 \$10,810

College: Other-- Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj#/\$ Amt.
A Comprehensive Program Which is Designed to Encourage, Prepare & Support...	Wilcox,Anne M Cook,Alicia S	Graduate School DE-Ronald E McNair Post-Baccal Achieve	10/01/95- 09/30/96	4259 \$190,000
Colorado Department of Transportation Accident Investigation/Reconstruction	Wolfe,Gaylene	Continuing Education-Administration Colorado Department of Transportation	11/01/94- 09/30/95	0712 \$15,000
Northern Front Range Air Quality Study	Smith,Ralph E	Vice President for Research Governors Office	09/19/95- 10/15/96	0835 \$500,000
Northern Front Range Air Quality Study	Smith,Ralph E	Vice President for Research Governors Office	09/19/95- 10/15/96	0835 \$167,500
Gene specific Therapy of Breast & Pancreatic Cancer	Maul,Donald H	Laboratory Animal Resources St. Mary's Hospital	09/01/94- 06/30/96	5026 \$8,110
Animal Care & Technical Services for Paravax	Maul,Donald H	Laboratory Animal Resources PARAVAX, Inc.	07/01/95- 06/30/96	6028 \$234,736
East Anatolia Training Project	Niehaus,Merle H	International Research & Development CID-Consortium for Inter. Development	07/16/95- 09/30/95	9219 \$6,649
Group 8 Study Tour- Turkey EAWT	Niehaus,Merle H	International Research & Development CID-Consortium for Inter. Development	09/24/95- 09/30/95	9220 \$1,217
Design & Operation of Small Lysimeters	Grigg,Neil S	Colorado Water Resources Res Inst State of Colorado	05/15/92- 09/30/95	0235 \$6,500
Water Research Institute Program/ Director's Office	Ward,Robert C	Colorado Water Resources Res Inst DOI-USGS-Geological Survey	07/01/94- 06/30/96	2900 \$53,000
Water Research Institute Program/ Director's Office	Ward,Robert C	Colorado Water Resources Res Inst DOI-USGS-Geological Survey	09/01/95- 06/30/96	2900 \$79,849
Delph E. Carpenter & Colorado's Interstate Compacts	Ward,Robert C Oad,Ramchand	Colorado Water Resources Res Inst DOI-USGS-Geological Survey	07/01/95- 06/30/96	2931 \$3,000
Estimating Return Flows in Urban Lawn Water Use	Ward,Robert C Oad,Ramchand	Colorado Water Resources Res Inst DOI-USGS-Geological Survey	07/01/95- 06/30/96	2932 \$3,000
Design of a Water Quality Monitoring Program to Assess Potential Water Quality Changes...	Ward,Robert C Stednick,John D	Colorado Water Resources Res Inst DOI-USGS-Geological Survey	07/01/95- 06/30/96	2933 \$3,000
Watershed Problem-solving in the Yampa Basin: Agricultural Issues	Ward,Robert C Smith,Danny H	Colorado Water Resources Res Inst DOI-USGS-Geological Survey	07/01/95- 06/30/96	2934 \$3,000
Implementation of the Complimentary Relationship for Estimation of Actual & Potential...	Ward,Robert C Ramirez,Jorge A	Colorado Water Resources Res Inst DOI-USGS-Geological Survey	07/01/95- 06/30/96	2935 \$3,000
Evaluating the SAMSON Model for Use Within a Decision Support Context	Ward,Robert C Garcia,Luis	Colorado Water Resources Res Inst DOI-USGS-Geological Survey	07/01/95- 06/30/96	2936 \$3,000
Estimating Return Flows in Urban Lawn Use	Ward,Robert C Oad,Ramchand	Colorado Water Resources Res Inst City of Colorado Springs	09/01/95- 06/30/96	5329 \$15,000
Agricultural Research	Laughlin,Charles W	Agricultural Experiment Station USDA-CSRS-Coop. States Research Service	10/01/94- 09/30/95	2010 \$1,500
Western Executive Director	Heil,Robert D	Agricultural Experiment Station Western Association of Ag Exp Stn Direct	07/01/93- 06/30/98	5500 \$50,247

College: Other-- Awards

Title	Principal Investigator	Department/Sponsor Name	Dates	Proj#/\$ Amt.
Partners in Parenting	Poncelow,Stacy Diane	Cooperative Extension Colorado Dept Public Service & Environ	07/01/95- 06/30/96	0793 \$82,571
Colorado STAND	Luevane,Carmen	Cooperative Extension Colorado Dept Public Service & Environ	07/01/95- 06/30/96	0811 \$23,661
Colorado Youth Council (CYC)	Hunt,Kimberly	Cooperative Extension Colorado Dept Public Service & Environ	07/01/95- 06/30/96	0815 \$10,029
Colorado Youth Council (CYC)	Hunt,Kimberly	Cooperative Extension Colorado Dept Public Service & Environ	07/01/95- 06/30/96	0815 \$2,000
DARE to be You DARE-PAIR for Montezuma County, Colorado	Miller-Heyl,Janet L	Cooperative Extension Montezuma County Partners, Inc.	07/01/95- 06/30/96	5002 \$21,281
DARE to be You Pilot Program for Summer Adventure Camp	Miller-Heyl,Janet L	Cooperative Extension Pinon Project Family Centers	06/01/95- 12/31/95	5309 \$4,489
Educational Opportunity Center	Thayer,Paul B	Center-Educational Assess/Outreach DE-Educational Opportunity Centers	11/01/95- 10/31/96	4256 \$324,230
Educational Opportunity Center	Thayer,Paul B	Center-Educational Assess/Outreach DE-Educational Opportunity Centers	11/01/95- 10/31/96	4256 \$27,000
Review of Solid Waste Reduction & Pollution Programs on Indian Reservations	Fiscus,Carolyn K Hentschel,Margit	Native American Student Services Environmental Protection Agency	08/11/95- 09/30/96	5849 \$10,000