

Office of the Vice President for Research
and
Information Technology

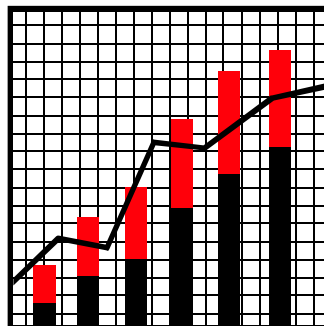
Research Proposals Submitted

and

Research Awards Received

Fiscal Year 2002

Annual Report
July 1, 2001 – June 30, 2002



Research Proposals Submitted *and* Research Awards Received

July 1, 2001 through June 30, 2002

Foreword

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

- ◆ Proposal totals represent all new and competing continuation proposals or pre-proposals greater than or equal to \$25,000. Renewals, resubmissions, and non-competing continuations are not included. Approximately 110 proposals are processed each month by Sponsored Programs. Approximately 59% of the proposals processed are for new and competing continuation proposals or pre-proposals greater than or equal to \$25,000.
- ◆ If the same proposal is submitted to multiple sponsors, only the first proposal submitted is recorded.
- ◆ Award totals represent all new and incremental funding toward a new or existing project.
- ◆ Various charts and dollar figures may reflect multi-year, multi-million dollar proposals or awards.
- ◆ Effective July 1, 2000, the Agricultural Experiment Station changed the department numbers for their research centers (departments 114x and 115x [College of Agricultural Sciences] are now 30xx [Other]).
- ◆ Chemical and Bioresource Engineering was renamed to Chemical Engineering by Board action February 2002.

Definitions:

Inter-departmental: Inter-departmental projects require the use of skills, techniques, and knowledge of two or more disciplines toward a common goal or goals. The work requires frequent interchanges of ideas, and the negotiation of strategies and methods among practitioners of different disciplines, with the ideas of one stimulating and improving the design of the total project. Projects are identified as inter-departmental by the primary Principal Investigator on the Sponsored Project Approval Form (SP-1).

Forward (Continued)

Multi-million Dollar Proposals*

Fiscal Year/College	Department	Sponsor	Start and End Dates	Total \$
Fiscal Year 1998				
Applied Human Sciences	Human Dev & Family Studies	HHS-CDC-Centers for Disease Control	9/30/97 - 9/30/02	\$2,137,951
Business	Marketing	HHS-NIH-National Institutes of Health	10/1/98 - 9/30/03	\$2,280,662
Engineering	CIRA	DOD-ARMY	7/1/98 - 6/30/02	\$7,500,000
Engineering	CIRA	NSF-Biological Sciences	11/1/98 - 0/31/01	\$2,523,756
Engineering	Civil Engineering	NSF - Engineering Grant	6/1/98 - 5/31/04	\$4,992,092
Liberal Arts	Journalism & Technical Comm	HHS-NIH-National Institutes of Health	10/1/98 - 9/30/03	\$2,435,263
Natural Resources	Forest Sciences	DOD-NAVY-ONR-Office of Naval Research	1/1/99 - 2/31/02	\$2,235,651
Natural Resources	Forest Sciences	US Department of Defense	-	\$2,000,000
Natural Resources	Natural Resource Ecology Lab	NSF-GEO-Geosciences	10/1/98 - 9/30/03	\$22,027,740
Natural Resources	Natural Resource Ecology Lab	University of Colorado	9/1/98 - 8/31/03	\$2,779,952
Natural Sciences	Biology	NSF-Biological Sciences	4/1/98 - 3/31/03	\$2,462,907
Natural Sciences	Dean Of Natural Sciences	HHMI-Howard Hughes Medical Institute	1/1/98 - 2/31/01	\$2,199,320
Natural Sciences	Physics	NSF-MPS-Mathematical & Physical Sciences	6/1/98 - 5/31/03	\$3,958,575
Natural Sciences	Psychology	HHS-NIH-National Institutes of Health	5/1/99 - 4/30/04	\$6,396,694
Natural Sciences	Psychology	Macro International, Inc.	10/1/98 - 9/30/03	\$2,561,414
Other	Center Educ Access & Outreach	US Department of Education	11/9/99 - 0/31/94	\$2,727,993
Vet. Medicine & Biomedical Sciences	Environmental Health	HHS-CDC-Centers for Disease Control	9/1/98 - 8/31/03	\$6,505,879
Vet. Medicine & Biomedical Sciences	Environmental Health	HHS-NIH-Environmental Health Sciences	9/1/98 - 8/31/03	\$2,247,049

*Includes all proposals greater than or equal to \$2,000,000.

Forward (Continued)

Multi-million Dollar Proposals*

Fiscal Year/College	Department	Sponsor	Start and End Dates	Total \$
Fiscal Year 1999				
Applied Human Sciences	Dean Of Applied Human Sciences	NSF - National Science Foundation	7/1/99 - 6/30/02	\$2,612,742
Applied Human Sciences	School Of Education	US Department of Education	7/1/99 - 6/30/02	\$2,520,075
Business	Dean Of Business	DOD-NAVY	8/24/99 - 8/15/02	\$3,489,359
Engineering	Civil Engineering	DOS-AID-Agency for Inter. Development	1/1/99 - 2/31/03	\$7,750,000
Engineering	Dean Of Engineering	NSF - National Science Foundation	1/1/99 - 2/31/03	\$2,500,000
Engineering	Electrical & Computer Engineerin	NSF - National Science Foundation	10/1/99 - 9/30/04	\$2,631,803
Natural Resources	Forest Sciences	NSF - National Science Foundation	6/1/99 - 5/30/02	\$3,256,515
Natural Resources	Natural Resource Ecology Lab	NSF - National Science Foundation	9/1/99 - 8/31/03	\$2,999,979
Natural Sciences	Biology	NSF - National Science Foundation	6/1/99 - 5/31/04	\$5,404,964
Natural Sciences	Mathematics	NSF - National Science Foundation	9/1/99 - 8/31/02	\$2,259,937
Natural Sciences	Psychology	NSF - National Science Foundation	8/1/99 - 8/31/04	\$7,033,720
Natural Sciences	Psychology	NSF - National Science Foundation	10/1/99 - 0/31/04	\$2,181,910
Other	Center Educ Access & Outreach	DE-Dept of Educa - Upward Bound Program	6/1/99 - 5/31/04	\$2,268,685
Other	Library	NSF - National Science Foundation	1/1/99 - 2/31/02	\$2,849,860
Vet. Medicine & Biomedical Sciences	Environmental Health	HHS-NIH-National Institutes of Health	4/1/00 - 3/31/05	\$16,547,863
Vet. Medicine & Biomedical Sciences	Microbiology	HHS-NIH-National Institutes of Health	8/17/99 - 8/16/06	\$3,744,606
Vet. Medicine & Biomedical Sciences	Microbiology	HHS-NIH-National Institutes of Health	8/1/99 - 7/31/03	\$3,343,527
Vet. Medicine & Biomedical Sciences	Microbiology	Burroughs-Wellcome Fund Foundation	10/1/99 - 9/30/04	\$2,577,835
Vet. Medicine & Biomedical Sciences	Microbiology	NASA-ARC-Ames Research Center	2/1/99 - 1/31/02	\$2,110,578

*Includes all proposals greater than or equal to \$2,000,000.

Forward (Continued)

Multi-million Dollar Proposals*

Fiscal Year/College	Department	Sponsor	Start and End Dates	Total \$
Fiscal Year 2000				
Agricultural Sciences	Bioagricultur Sci & Pest Mgmt	USDA - US Department of Agriculture	10/1/00 - 9/30/04	\$4,963,825
Applied Human Sciences	Social Work	HHS-ACF-Admin. for Children & Families	10/1/99 - 9/30/04	\$4,709,423
Business	Marketing	HHS-NIH-NCI-National Cancer Institute	9/1/00 - 8/31/04	\$2,554,860
Engineering	Atmospheric Science	NSF - National Science Foundation	9/30/00 - 9/29/05	\$3,298,136
Engineering	Chemical & Bioes Engineering	USDA - US Department of Agriculture	10/1/00 - 9/30/04	\$2,485,059
Engineering	CIRA	DOC-NOAA-ERL-Environmental Research Labs	7/1/00 - 6/30/01	\$5,345,988
Engineering	Electrical & Computer Engineerin	NSF - National Science Foundation	7/1/00 - 6/30/05	\$3,437,541
Engineering	Electrical & Computer Engineerin	HHS-NIH-National Institutes of Health	9/1/00 - 8/30/05	\$3,049,538
Natural Resources	Coop Fish & Wildlife Research	HHS-NIH-National Institutes of Health	9/1/00 - 8/31/05	\$2,163,482
Natural Resources	Fish & Wildlife Biology	NSF - National Science Foundation	10/1/00 - 9/30/05	\$2,550,956
Natural Resources	Natural Resource Ecology Lab	NSF - National Science Foundation	9/1/00 - 8/31/05	\$3,879,902
Natural Resources	Natural Resource Ecology Lab	NSF - National Science Foundation	9/1/00 - 8/31/04	\$3,746,750
Natural Resources	Natural Resource Ecology Lab	NASA - Natl Aeronautics & Space Admin.	6/1/00 - 5/31/03	\$2,620,340
Natural Resources	Natural Resource Ecology Lab	HHS-NIH-National Institutes of Health	9/1/00 - 8/30/05	\$2,166,689
Natural Sciences	Computer Science	NSF - National Science Foundation	8/15/00 - 8/14/05	\$2,425,038
Natural Sciences	Psychology	NSF - National Science Foundation	6/1/01 - 8/31/06	\$3,580,246
Natural Sciences	Psychology	HHS-NIH-National Institutes of Health	12/1/00 - 1/30/05	\$2,128,824
Natural Sciences	Psychology	NSF - National Science Foundation	7/1/99 - 7/31/04	\$2,127,818
Natural Sciences	Psychology	HHS-CDC-Centers for Disease Control	9/1/00 - 8/31/04	\$2,080,044
Vet. Medicine & Biomedical Sciences	Dean Of Vet Medicine	HHS-NIH-National Institutes of Health	9/1/00 - 8/31/01	\$2,000,000
Vet. Medicine & Biomedical Sciences	Environmental Health	USDA - US Department of Agriculture	9/1/00 - 8/31/04	\$2,700,165
Vet. Medicine & Biomedical Sciences	Environmental Health	Burroughs-Wellcome Fund Foundation	1/1/01 - 2/31/05	\$2,477,003
Vet. Medicine & Biomedical Sciences	Microbiology	HHS-NIH-National Institutes of Health	12/1/00 - 1/30/05	\$2,524,602
Vet. Medicine & Biomedical Sciences	Physiology	HHS-NIH-National Institutes of Health	10/1/00 - 9/30/05	\$2,874,454
Vet. Medicine & Biomedical Sciences	Physiology	HHS-NIH-National Institutes of Health	7/1/00 - 6/30/05	\$2,306,449
Vet. Medicine & Biomedical Sciences	Physiology	HHS-NIH-National Institutes of Health	4/1/01 - 3/31/06	\$2,045,376

*Includes all proposals greater than or equal to \$2,000,000.

Forward (Continued)

Multi-million Dollar Proposals*

Fiscal Year/College	Department	Sponsor	Start and End Dates	Total \$
Fiscal Year 2001				
Agricultural Sciences	Horticulture & Landscape Arch	USDA-CSREES-Coop State Rsrch Edu & Ext	10/1/01 - 9/30/05	\$2,638,739
Agricultural Sciences	Soil & Crop Sciences	NASA-ARC-Ames Research Center	1/1/01 - 1/1/06	\$4,144,426
Engineering	Atmospheric Science	NSF - National Science Foundation	9/1/01 - 8/31/06	\$4,123,374
Engineering	Atmospheric Science	DOE - US Department of Energy	6/1/01 - 5/31/06	\$3,701,424
Engineering	Atmospheric Science	NSF - National Science Foundation	7/1/01 - 6/30/06	\$3,508,449
Engineering	Chemical & Biores Engineering	USDA - US Department of Agriculture	8/1/01 - 7/31/05	\$2,198,229
Engineering	CIRA	DOC-NOAA-Natl Oceanic & Atmospheric Admn	7/1/01 - 6/30/06	\$63,875,756
Engineering	Civil Engineering	EPA - Environmental Protection Agency	10/1/01 - 9/30/06	\$3,999,645
Engineering	Civil Engineering	NSF - National Science Foundation	9/1/01 - 8/31/06	\$2,996,649
Engineering	Civil Engineering	NSF - National Science Foundation	8/1/01 - 7/31/06	\$2,525,600
Engineering	Dean Of Engineering	NSF - National Science Foundation	11/1/01 - 0/31/06	\$4,700,000
Engineering	Elec. & Computer Engineering	NSF - National Science Foundation	8/1/02 - 7/31/07	\$11,891,036
Engineering	Elec. & Computer Engineering	HHS-NIH-National Institutes of Health	7/1/01 - 6/30/06	\$4,090,383
Engineering	Elec. & Computer Engineering	NSF - National Science Foundation	10/1/01 - 9/30/06	\$2,940,032
Engineering	Mechanical Engineering	NSF - National Science Foundation	6/1/01 - 5/31/06	\$2,641,948
Natural Resources	Fish & Wildlife Biology	NSF - National Science Foundation	10/1/01 - 9/30/06	\$2,412,431
Natural Resources	Forest Sciences	National Systems Research Co	1/1/01 - 2/31/05	\$4,793,547
Natural Resources	Natural Resource Ecology Lab	NSF - National Science Foundation	9/1/01 - 8/31/06	\$4,948,556
Natural Resources	Natural Resource Ecology Lab	NSF - National Science Foundation	9/1/01 - 8/31/06	\$2,999,291
Natural Resources	Natural Resource Ecology Lab	NASA - Natl Aeronautics & Space Admin.	4/1/01 - 3/31/04	\$2,970,175
Natural Resources	Natural Resource Ecology Lab	NSF - National Science Foundation	11/1/01 - 0/31/06	\$2,499,774
Natural Resources	Natural Resource Ecology Lab	University of Wyoming	10/1/01 - 9/30/05	\$2,040,156
Natural Sciences	Biology	NSF - National Science Foundation	9/1/01 - 8/31/04	\$2,495,356
Natural Sciences	Computer Science	NSF - National Science Foundation	9/1/01 - 8/31/06	\$2,137,296
Natural Sciences	Psychology	NSF - National Science Foundation	1/31/02 - 2/1/05	\$6,133,993
Natural Sciences	Statistics	EPA - Environmental Protection Agency	10/1/01 - 9/30/05	\$2,998,331
Natural Sciences	Statistics	NSF - National Science Foundation	8/1/02 - 7/31/07	\$2,563,772
Other	Western Colorado Research Ctr	USDA - US Department of Agriculture	10/1/01 - 10/1/05	\$3,251,878
Vet. Medicine & Biomedical Sciences	Environmental Health	HHS-CDC-Centers for Disease Control	10/1/01 - 9/30/06	\$4,809,638
Vet. Medicine & Biomedical Sciences	Environmental Health	HHS-CDC-Centers for Disease Control	9/1/01 - 8/31/06	\$4,525,249
Vet. Medicine & Biomedical Sciences	Pathology	HHS-NIH-National Institutes of Health	6/1/01 - 5/31/06	\$3,399,394
Vet. Medicine & Biomedical Sciences	Physiology	HHS-NIH-National Institutes of Health	1/1/02 - 2/31/06	\$2,244,911
Vet. Medicine & Biomedical Sciences	Radiological Health Sciences	DOE - US Department of Energy	9/1/01 - 8/31/06	\$2,394,850

*Includes all proposals greater than or equal to \$2,000,000.

Forward (Continued)

Multi-million Dollar Proposals*

Fiscal Year/College	Department	Sponsor	Start and End Dates	Total \$
Fiscal Year 2002				
Agricultural Sciences	Soil & Crop Sciences	NSF - National Science Foundation	11/1/02 - 0/31/08	\$4,680,000
Applied Human Sciences	Food Science & Human Nutrition	Colorado Department of Human Service	10/1/01 - 9/30/02	\$2,172,620
Applied Human Sciences	School Of Education	US Department of Education	7/1/02 - 6/30/05	\$2,638,628
Engineering	Chemical & Biores Engineering	HHS-NIH-Center for Scientific Review	10/1/02 - 9/30/06	\$2,352,065
Engineering	CIRA	DOC-NOAA-Natl Oceanic & Atmospheric Admn	7/1/01 - 6/30/02	\$4,710,348
Engineering	Civil Engineering	NSF - National Science Foundation	1/1/03 - 1/1/08	\$9,951,093
Engineering	Dean Of Engineering	NSF - National Science Foundation	10/1/02 - 9/30/07	\$24,078,073
Engineering	Elec. & Computer Engineering	NSF - National Science Foundation	6/1/03 - 5/31/08	\$16,471,171
Engineering	Mechanical Engineering	NASA - Natl Aeronautics & Space Admin.	4/28/02 - 4/27/07	\$14,999,998
Natural Resources	CEMML	DOD-ARMY	10/1/01 - 9/30/06	\$4,540,551
Natural Resources	Natural Resource Ecology Lab	NSF - National Science Foundation	6/1/02 - 5/31/06	\$4,989,892
Natural Resources	Natural Resource Ecology Lab	NSF-Polar Programs	1/1/03 - 2/31/07	\$2,213,378
Natural Sciences	Biochemistry & Molecular Bio	HHS-NIH-Nat Inst of General Medical Sci	12/1/02 - 1/30/07	\$2,475,167
Natural Sciences	Psychology	HHS-NIH-National Institutes of Health	10/1/02 - 9/30/07	\$2,157,441
Other	Cooperative Extension	HHS-CDC-Centers for Disease Control	9/30/02 - 9/29/07	\$7,038,355
Other	Hughes Un Bio-Ctr Life Science	HHMI-Howard Hughes Medical Institute	7/1/02 - 6/30/06	\$2,194,861
Vet. Medicine & Biomedical Sciences	Anatomy & Neurobiology	HHS-NIH-National Institutes of Health	12/1/02 - 1/30/07	\$3,403,787
Vet. Medicine & Biomedical Sciences	Clinical Sciences	HHS-NIH-National Institutes of Health	1/1/03 - 1/1/07	\$3,480,981
Vet. Medicine & Biomedical Sciences	Environmental Health	NSF - National Science Foundation	1/1/03 - 2/31/07	\$2,507,164
Vet. Medicine & Biomedical Sciences	Microbiology	Univ. of Texas Medical Branch/Galveston.	9/27/02 - 9/26/09	\$6,889,392
Vet. Medicine & Biomedical Sciences	Microbiology	HHS-NIH-NIAID-Allergy & Infect Diseases	6/30/02 - 6/29/09	\$4,334,125
Vet. Medicine & Biomedical Sciences	Microbiology	HHS-NIH-National Institutes of Health	5/1/03 - 4/30/08	\$3,049,789
Vet. Medicine & Biomedical Sciences	Microbiology	HHS-NIH-NIAID-Allergy & Infect Diseases	1/1/03 - 2/31/08	\$2,745,370
Vet. Medicine & Biomedical Sciences	Pathology	HHS-NIH-National Institutes of Health	10/1/02 - 9/30/09	\$7,874,199
Vet. Medicine & Biomedical Sciences	Radiological Health Sciences	HHS-NIH-Center for Scientific Review	9/1/02 - 8/31/07	\$2,863,688

*Includes all proposals greater than or equal to \$2,000,000.

Forward (Continued)

Multi-million Dollar Awards*

Fiscal Year/College	Department	Sponsor	Start and End Dates	Total \$
Fiscal Year 1998				
Engineering	CIRA	DOC-NOAA-Natl Oceanic & Atmospheric Admn	7/1/96 - 6/30/01	\$3,146,303
Fiscal Year 2000				
Natural Resources	Natural Resource Ecology Lab	NSF-Biological Sciences	9/1/99 - 8/31/03	\$2,999,978
Fiscal Year 2001				
Natural Resources	Forest Sciences	Calibre Systems, Inc.	7/13/00 - 7/12/02	\$2,657,997
Vet. Medicine & Biomedical Sciences	Dean Of Vet Medicine	HHS-NIH-National Institutes of Health	6/1/01 - 5/31/03	\$2,000,000
Fiscal Year 2002				
Engineering	CIRA	DOC-NOAA-Natl Oceanic & Atmospheric Admn	7/1/01 - 6/30/06	\$2,493,134
Engineering	CIRA	DOC-NOAA-Natl Oceanic & Atmospheric Admn	7/1/01 - 6/30/06	\$2,331,730
Other	Western Colorado Research Ctr	USDA-CSREES-Coop State Rsrch Edu & Ext	9/15/01 - 9/30/05	\$2,500,000
Vet. Medicine & Biomedical Sciences	Dean Of Vet Medicine	USDA-CSREES-Coop State Rsrch Edu & Ext	6/15/02 - 6/14/04	\$2,000,000

*Includes all awards greater than or equal to \$2,000,000.

No Multi-million dollar awards were received during fiscal year 1999.

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Detailed List of Awards Received

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Inter-departmental Projects

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

Please forward any comments or corrections to:

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The information in this report is also available on our web site. Visit our web site to find the following:

- ◆ **Principal Investigator's Manual**
- ◆ **Sponsored Programs Forms**
- ◆ **Sponsored Programs Award/Proposal Database Search**
- ◆ **\$PIN and GENIUS/SMARTS Databases**
- ◆ **Proposal Approval and Support System (PASS)**
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Section I

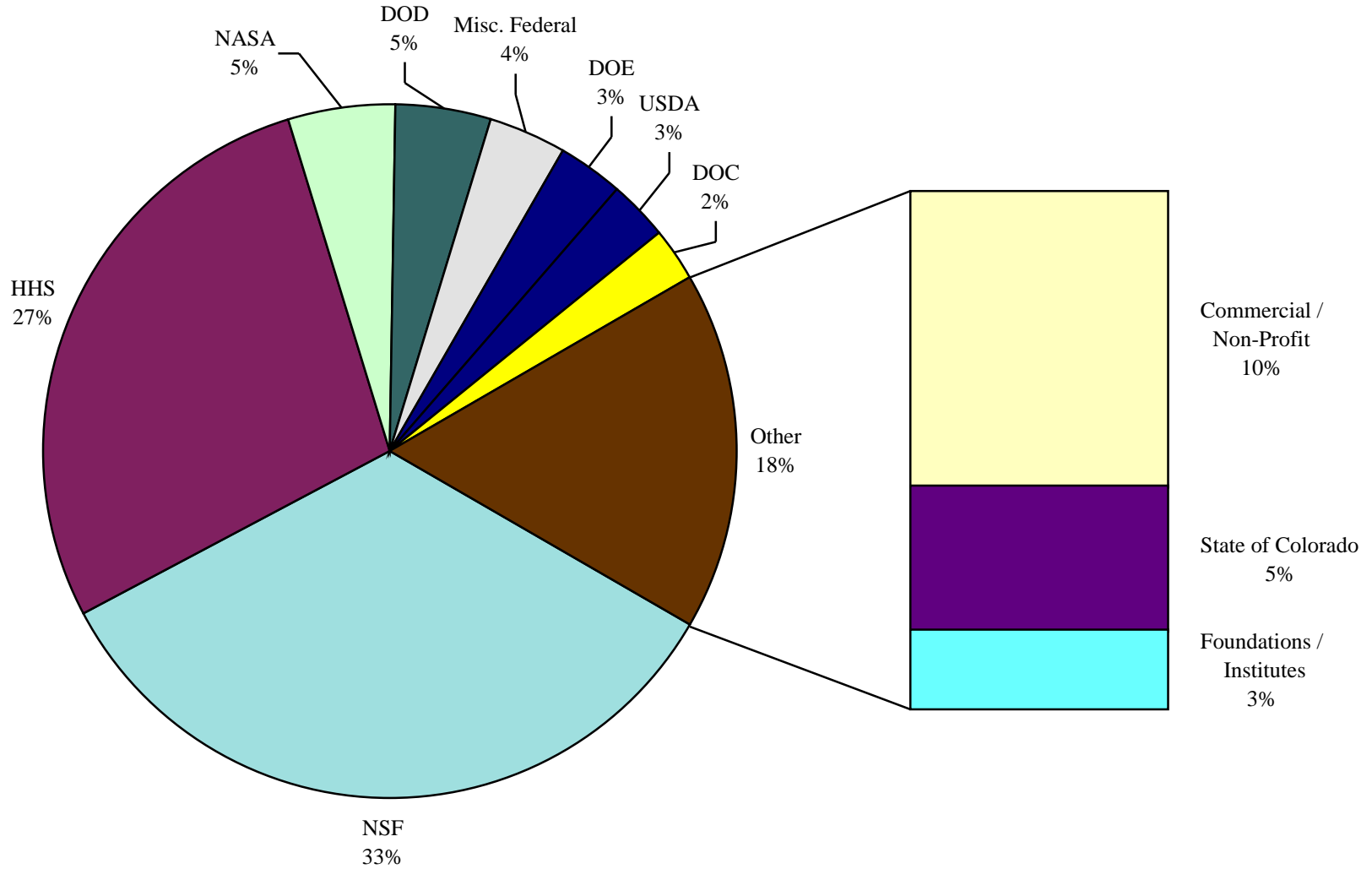
Historical Summaries

Proposal Summaries

Proposals by Fund Source

Fiscal Year 2002

July 1, 2001 - June 30, 2002



Proposals by Fund Source

Five-Year Comparison

Fiscal Year Data

July - June

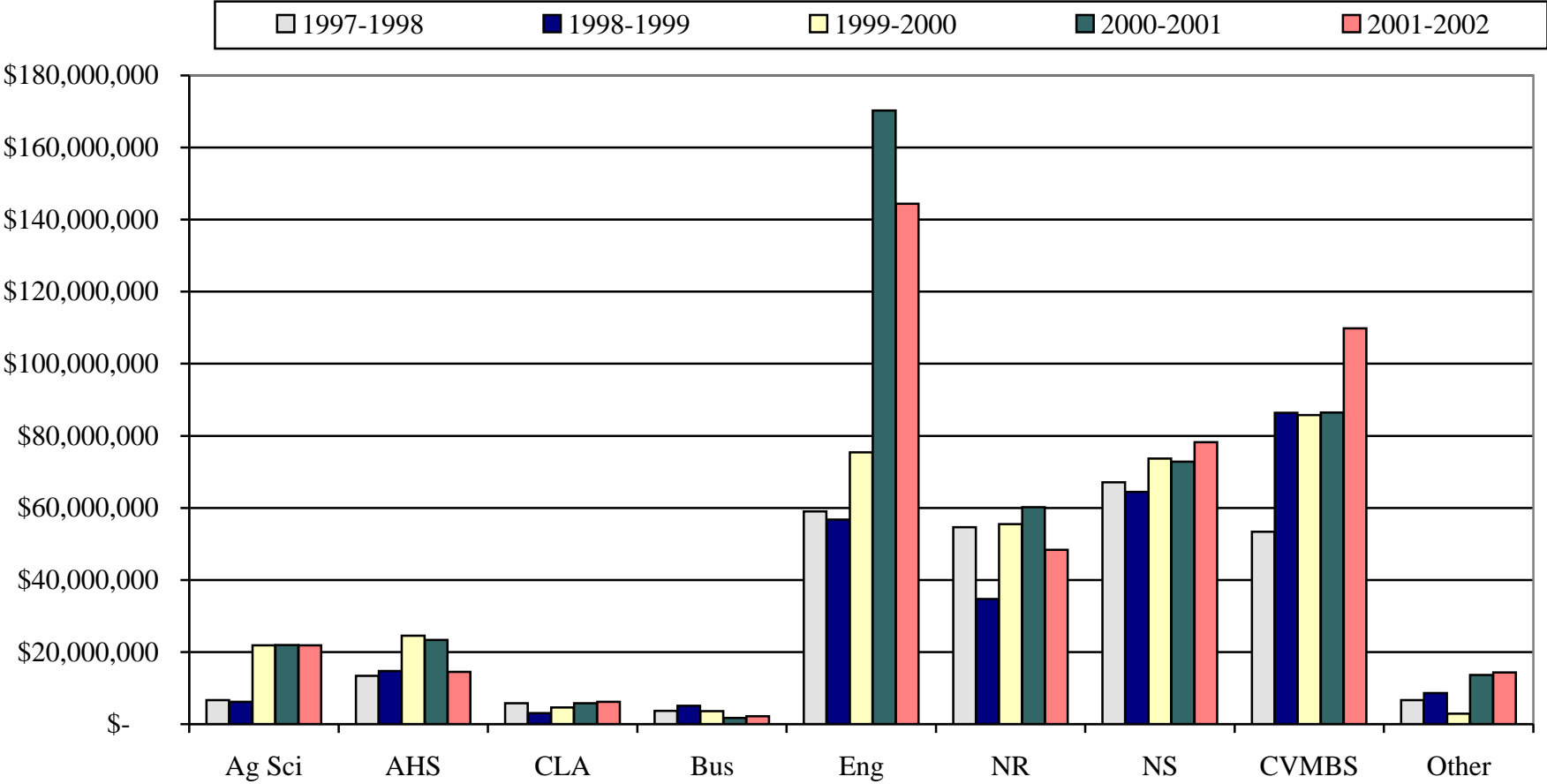
Sponsor	#	1997-1998	#	1998-1999	#	1999-2000	#	2000-2001	#	2001-2002
Commercial and Non-Profit	164	\$ 24,660,011	155	\$ 17,899,441	226	\$ 32,396,587	226	\$ 37,551,294	232	\$ 42,338,281
Foundations	58	\$ 4,977,129	55	\$ 7,838,917	58	\$ 8,530,123	71	\$ 10,950,095	62	\$ 8,749,157
Institutes	6	\$ 3,092,910	2	\$ 395,081	4	\$ 1,100,837	1	\$ 47,630	2	\$ 2,403,879
State of Colorado	58	\$ 11,562,107	52	\$ 11,159,714	50	\$ 11,293,101	78	\$ 14,399,433	69	\$ 20,322,326
Subtotal of Non-Federal	286	\$ 44,292,157	264	\$ 37,293,153	338	\$ 53,320,648	376	\$ 62,948,452	365	\$ 73,813,643
USDA - Department of Agriculture	56	\$ 10,427,837	54	\$ 8,137,830	84	\$ 40,021,556	100	\$ 39,475,106	73	\$ 12,015,641
DOC - Department of Commerce	18	\$ 4,570,699	16	\$ 3,314,034	26	\$ 9,595,988	22	\$ 68,681,963	27	\$ 10,118,211
DOD - Department of Defense	41	\$ 22,480,250	64	\$ 22,777,486	54	\$ 12,976,589	27	\$ 8,693,861	48	\$ 19,981,125
DOE - Department of Energy	13	\$ 5,832,108	12	\$ 5,181,635	24	\$ 10,360,331	22	\$ 16,229,927	27	\$ 13,515,312
EPA - Environmental Protection Agency	24	\$ 7,270,031	21	\$ 9,983,794	20	\$ 7,890,018	22	\$ 12,809,116	19	\$ 3,353,898
HHS - Health & Human Services	83	\$ 75,064,401	93	\$ 83,573,419	104	\$ 94,927,979	78	\$ 82,721,828	108	\$ 123,241,145
USDI - Department of the Interior	50	\$ 3,657,984	36	\$ 2,778,724	35	\$ 3,604,386	50	\$ 8,709,353	53	\$ 3,755,049
NASA - National Aeronautics & Space Administration	26	\$ 7,708,891	25	\$ 6,692,199	29	\$ 11,944,809	36	\$ 21,374,519	25	\$ 21,844,953
NSF - National Science Foundation	122	\$ 78,704,906	153	\$ 83,425,958	172	\$ 91,569,250	173	\$ 120,882,136	175	\$ 148,872,318
Miscellaneous Federal	22	\$ 10,468,961	17	\$ 16,866,705	29	\$ 11,800,328	36	\$ 13,697,966	21	\$ 9,461,643
Subtotal of Federal	455	\$ 226,186,068	491	\$ 242,731,784	577	\$ 294,691,234	566	\$ 393,275,775	576	\$ 366,159,295
*** TOTAL ***	741	\$ 270,478,226	755	\$ 280,024,937	915	\$ 348,011,882	942	\$ 456,224,227	941	\$ 439,972,938

Proposals by College

Five-Year Comparison

Fiscal Year Data

July - June



Proposals by College

Five-Year Comparison

Fiscal Year Data

July - June

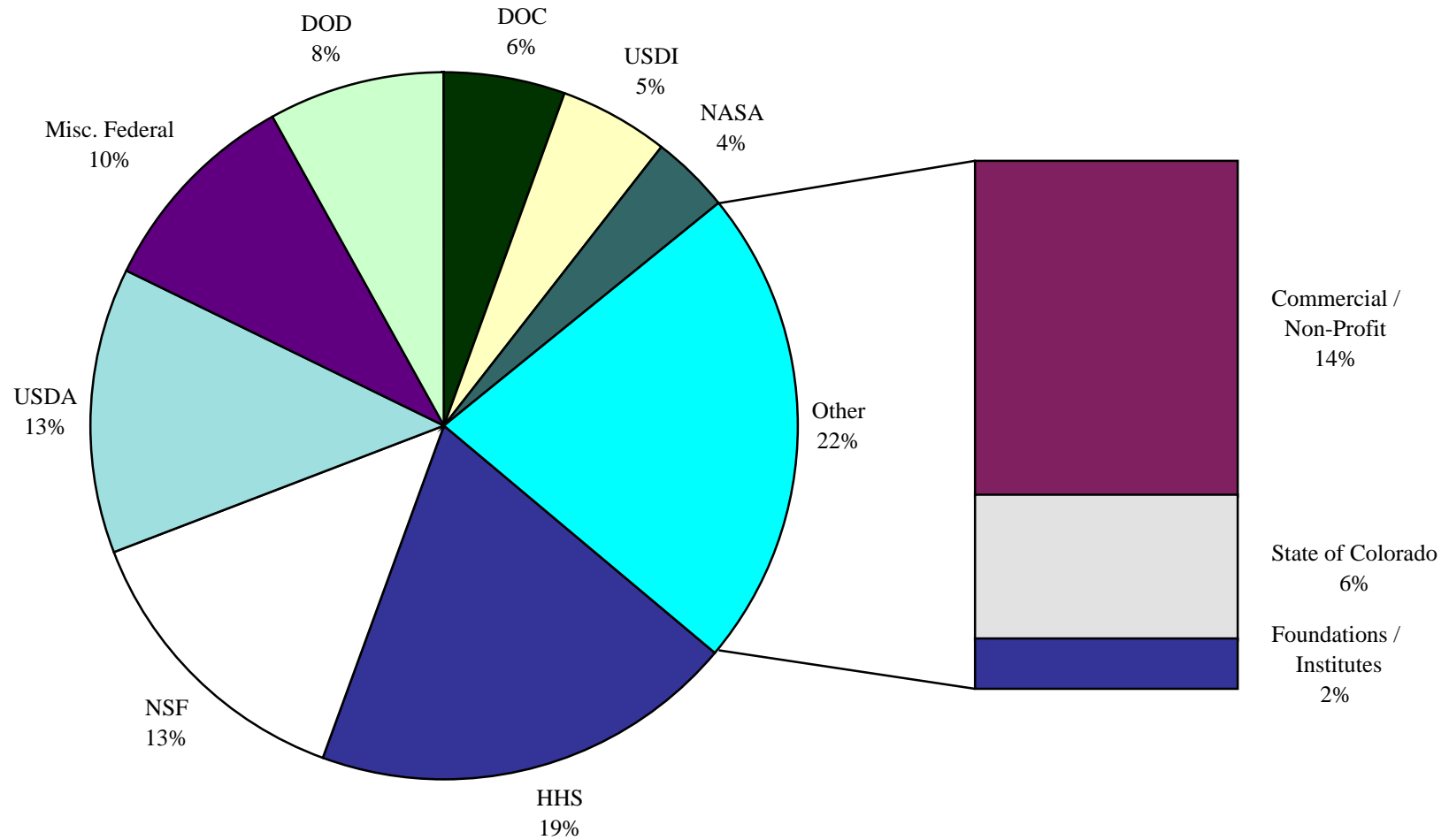
College	#	1997-1998	#	1998-1999	#	1999-2000	#	2000-2001	#	2001-2002
Ag Sci - Agricultural Sciences	52	\$ 6,686,777	41	\$ 6,193,390	63	\$ 21,909,983	74	\$ 21,975,300	87	\$ 21,838,470
AHS - Applied Human Sciences	59	\$ 13,378,019	50	\$ 14,761,959	68	\$ 24,551,974	70	\$ 23,346,010	45	\$ 14,522,494
CLA - Liberal Arts	18	\$ 5,828,336	14	\$ 3,073,614	22	\$ 4,660,102	29	\$ 5,775,482	21	\$ 6,177,313
Bus - Business	6	\$ 3,717,494	3	\$ 5,065,168	4	\$ 3,628,145	10	\$ 1,718,246	5	\$ 2,195,913
Eng - Engineering	182	\$ 59,064,769	184	\$ 56,723,430	224	\$ 75,401,371	223	\$ 170,251,452	209	\$ 144,394,899
NR - Natural Resources	125	\$ 54,667,754	148	\$ 34,751,877	166	\$ 55,491,443	182	\$ 60,177,268	181	\$ 48,356,472
NS - Natural Sciences	148	\$ 67,108,796	137	\$ 64,427,292	165	\$ 73,670,618	156	\$ 72,863,817	161	\$ 78,255,038
VMBS - Veterinary Medicine & Biomedical Sciences	139	\$ 53,354,729	164	\$ 86,370,396	184	\$ 85,761,415	172	\$ 86,504,356	195	\$ 109,856,217
Other	12	\$ 6,671,552	14	\$ 8,657,811	19	\$ 2,936,831	26	\$ 13,612,296	37	\$ 14,376,122
*** TOTAL ***	741	\$ 270,478,226	755	\$ 280,024,937	915	\$ 348,011,882	942	\$ 456,224,227	941	\$ 439,972,938

Award Summaries

Awards by Fund Source

Fiscal Year 2002

July 1, 2001 - June 30, 2002



Awards by Fund Source

Five-Year Comparison

Fiscal Year Data

July - June

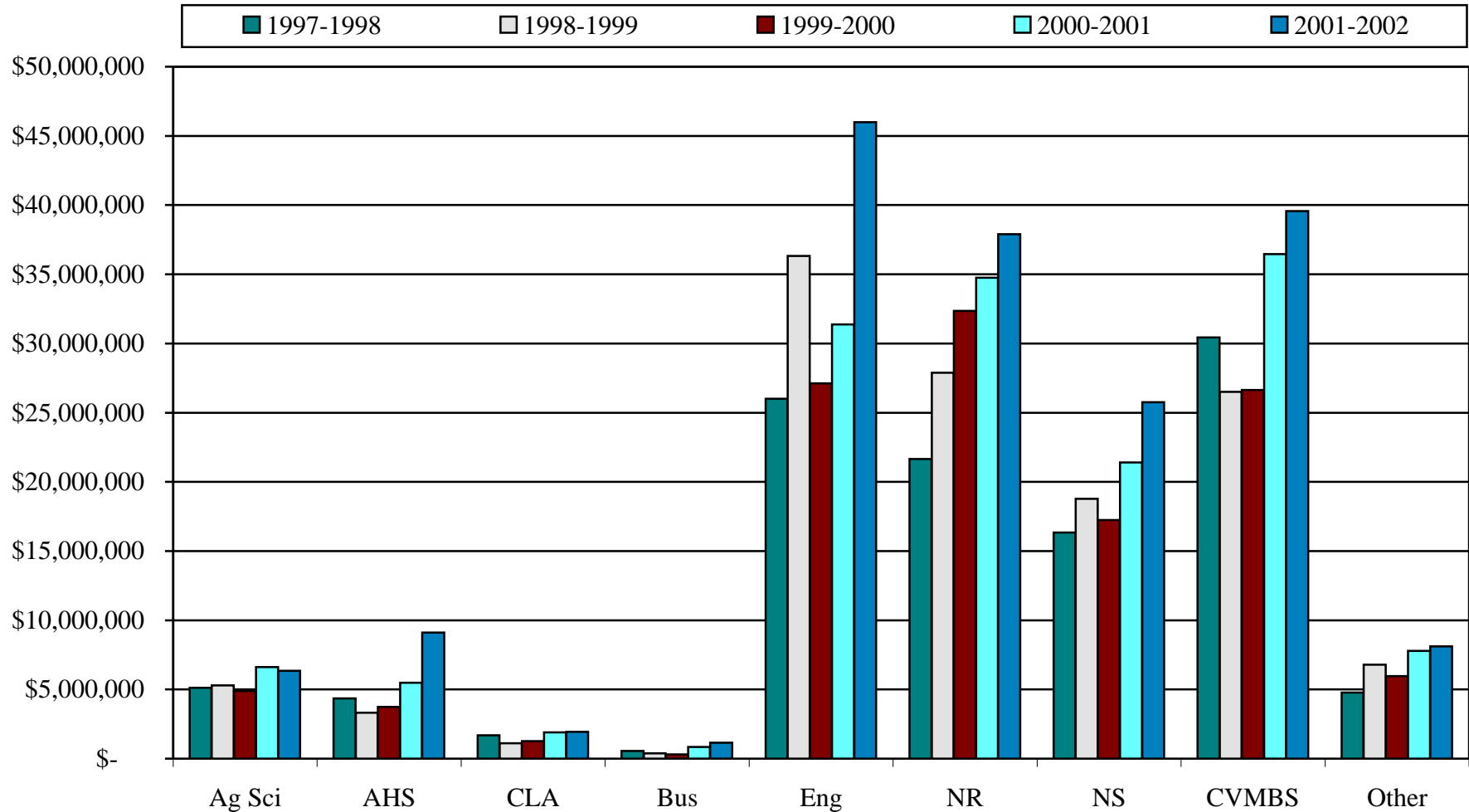
Sponsor	#	1997-1998	#	1998-1999	#	1999-2000	#	2000-2001	#	2001-2002
Commercial and Non-Profit	476	\$ 17,689,684	488	\$ 19,067,296	423	\$ 17,770,224	437	\$ 22,452,755	418	\$ 24,539,759
Foundations	44	\$ 1,575,505	50	\$ 1,428,603	37	\$ 1,042,703	44	\$ 1,543,526	39	\$ 1,408,824
Institutes	5	\$ 712,292	18	\$ 1,083,308	9	\$ 1,117,601	16	\$ 1,806,570	18	\$ 2,138,071
State of Colorado	163	\$ 8,998,000	128	\$ 8,898,624	126	\$ 8,545,436	141	\$ 10,229,114	126	\$ 10,548,898
Subtotal of Non-Federal	688	\$ 28,975,481	684	\$ 30,477,831	595	\$ 28,475,964	638	\$ 36,031,965	601	\$ 38,635,552
USDA - Department of Agriculture	199	\$ 9,859,377	223	\$ 12,519,220	198	\$ 12,622,963	233	\$ 17,785,752	236	\$ 23,030,561
DOC - Department of Commerce	28	\$ 8,061,389	42	\$ 8,886,183	33	\$ 7,365,803	37	\$ 8,242,555	44	\$ 9,910,691
DOD - Department of Defense	131	\$ 8,888,952	163	\$ 17,192,385	133	\$ 11,326,657	131	\$ 9,518,107	128	\$ 14,197,183
DOE - Department of Energy	29	\$ 3,482,015	27	\$ 2,813,574	16	\$ 2,116,098	21	\$ 2,743,047	27	\$ 5,261,544
EPA - Environmental Protection Agency	16	\$ 3,486,368	11	\$ 987,585	7	\$ 1,888,084	12	\$ 3,115,281	18	\$ 4,174,770
HHS - Health & Human Services	166	\$ 26,811,863	173	\$ 26,111,801	166	\$ 26,007,768	189	\$ 36,998,335	164	\$ 34,372,842
USDI - Department of the Interior	110	\$ 4,457,033	142	\$ 5,879,221	135	\$ 6,796,848	145	\$ 7,412,408	139	\$ 8,466,206
NASA - National Aeronautics & Space Administration	40	\$ 3,829,488	45	\$ 4,497,666	52	\$ 3,361,405	63	\$ 5,431,674	77	\$ 6,411,241
NSF - National Science Foundation	118	\$ 9,952,170	112	\$ 12,675,880	112	\$ 16,053,126	139	\$ 14,413,970	143	\$ 23,564,011
Miscellaneous Federal	22	\$ 3,141,546	26	\$ 4,316,501	25	\$ 3,504,360	28	\$ 4,927,837	44	\$ 7,823,247
Subtotal Federal	859	\$ 81,970,201	964	\$ 95,880,016	877	\$ 91,043,112	998	\$ 110,588,966	1020	\$ 137,212,296
*** TOTAL ***	1,547	\$ 110,945,682	1,648	\$ 126,357,847	1,472	\$ 119,519,076	1,636	\$ 146,620,931	1,621	\$ 175,847,848

Awards by College

Five-Year Comparison

Fiscal Year Data

July - June



Awards by College

Five-Year Comparison

Fiscal Year Data

July - June

College	#	1997-1998	#	1998-1999	#	1999-2000	#	2000-2001	#	2001-2002
Ag Sci - Agricultural Sciences	169	\$ 5,114,500	162	\$ 5,285,640	128	\$ 4,887,911	128	\$ 6,615,444	121	\$ 6,338,882
AHS - Applied Human Sciences	63	\$ 4,354,707	49	\$ 3,311,223	51	\$ 3,738,608	45	\$ 5,476,548	66	\$ 9,110,517
CLA - Liberal Arts	16	\$ 1,694,333	12	\$ 1,110,099	27	\$ 1,272,249	28	\$ 1,904,634	28	\$ 1,941,850
Bus - Business	12	\$ 564,369	8	\$ 383,956	4	\$ 304,678	10	\$ 850,988	9	\$ 1,154,868
Eng - Engineering	303	\$ 26,007,788	333	\$ 36,319,653	266	\$ 27,118,991	310	\$ 31,372,602	347	\$ 45,982,858
NR - Natural Resources	417	\$ 21,645,459	504	\$ 27,880,956	479	\$ 32,358,572	523	\$ 34,758,364	478	\$ 37,890,370
NS - Natural Sciences	210	\$ 16,341,079	212	\$ 18,775,878	168	\$ 17,238,276	205	\$ 21,402,983	201	\$ 25,748,237
VMBS - Veterinary Medicine & Biomedical Sciences	282	\$ 30,443,228	270	\$ 26,499,723	263	\$ 26,636,667	287	\$ 36,460,948	269	\$ 39,560,392
Other	75	\$ 4,780,220	98	\$ 6,790,719	86	\$ 5,963,124	100	\$ 7,778,420	102	\$ 8,119,874
*** TOTAL ***	1,547	\$ 110,945,682	1,648	\$ 126,357,847	1,472	\$ 119,519,076	1,636	\$ 146,620,931	1,621	\$ 175,847,848

Section II

Department Summaries

Agricultural Sciences

Proposals Submitted	Quarter Totals					Fiscal Year to Date Totals			
	Dept #	Current FY		Previous FY		Current FY		Previous FY	
		No.	Amount	No.	Amount	No.	Amount	No.	Amount
Agric & Resource Economics	1172	3	\$128,203	2	\$377,999	9	\$717,569	9	\$1,001,529
Animal Sciences	1171	8	\$469,580	4	\$1,127,144	23	\$1,307,140	17	\$2,487,034
Bioagricultural Sci & Pest Mgmt	1177	6	\$1,815,336	3	\$3,569,108	24	\$5,001,199	17	\$5,305,185
Horticulture & Landscape Arch	1173	8	\$3,578,172	3	\$2,794,319	17	\$7,877,776	11	\$5,570,102
Soil & Crop Sciences	1170	4	\$358,380	7	\$1,511,369	14	\$6,934,786	20	\$7,611,450
Totals		29	\$6,349,671	19	\$9,379,939	87	\$21,838,470	74	\$21,975,300

Awards Received	Quarter Totals					Fiscal Year to Date Totals			
	Dept #	Current FY		Previous FY		Current FY		Previous FY	
		No.	Amount	No.	Amount	No.	Amount	No.	Amount
Agric & Resource Economics	1172	3	\$60,373	3	\$66,305	10	\$244,300	13	\$276,085
Animal Sciences	1171	6	\$100,556	3	\$220,410	23	\$788,196	23	\$1,327,338
Bioagricultural Sci & Pest Mgmt	1177	15	\$441,608	10	\$289,242	45	\$2,288,105	39	\$1,674,252
Dean Of Agricultural Sciences	1101	0	\$0	0	\$0	0	\$0	2	\$45,092
Horticulture & Landscape Arch	1173	5	\$174,088	6	\$324,565	11	\$1,912,713	14	\$588,794
Soil & Crop Sciences	1170	1	\$15,554	7	\$98,623	32	\$1,105,568	37	\$2,703,883
Totals		30	\$792,179	29	\$999,145	121	\$6,338,882	128	\$6,615,444

Applied Human Sciences

Proposals Submitted	Quarter Totals					Fiscal Year to Date Totals			
	Dept #	<u>Current FY</u>		<u>Previous FY</u>		<u>Current FY</u>		<u>Previous FY</u>	
		No.	Amount	No.	Amount	No.	Amount	No.	Amount
Dean Of Applied Human Sciences	1501	3	\$937,243	1	\$7,737	4	\$1,386,059	6	\$777,801
Dept Of Health & Exercise Sci	1582	0	\$0	1	\$46,283	2	\$147,889	5	\$411,130
Design And Merchandising	1574	1	\$24,912	1	\$313,980	3	\$243,407	3	\$610,398
Food Science & Human Nutrition	1571	4	\$600,028	4	\$3,535,574	7	\$3,497,117	14	\$4,440,238
Human Dev & Family Studies	1570	0	\$0	5	\$3,081,421	8	\$2,251,800	7	\$3,393,199
Mfg Tech & Constr Mgmt	1584	0	\$0	2	\$1,378,509	2	\$470,129	5	\$1,499,036
Occupational Therapy	1573	2	\$754,652	1	\$315,000	5	\$2,081,119	7	\$4,636,742
School Of Education	1588	1	\$99,882	5	\$2,697,725	8	\$4,170,841	15	\$5,557,335
Social Work	1586	2	\$47,616	3	\$748,507	6	\$274,133	8	\$2,020,131
Totals		13	\$2,464,333	23	\$12,124,736	45	\$14,522,494	70	\$23,346,010

Awards Received	Quarter Totals					Fiscal Year to Date Totals			
	Dept #	<u>Current FY</u>		<u>Previous FY</u>		<u>Current FY</u>		<u>Previous FY</u>	
		No.	Amount	No.	Amount	No.	Amount	No.	Amount
Dean Of Applied Human Sciences	1501	0	\$0	1	\$3,782	4	\$234,470	3	\$21,555
Dept Of Health & Exercise Sci	1582	0	\$0	1	\$95,742	2	\$331,140	4	\$397,268
Design And Merchandising	1574	0	\$0	0	\$0	2	\$28,000	1	\$19,593
Food Science & Human Nutrition	1571	2	\$242,633	3	\$235,786	12	\$3,007,391	12	\$2,545,555
Human Dev & Family Studies	1570	0	\$0	0	\$0	4	\$86,124	0	\$0
Mfg Tech & Constr Mgmt	1584	1	\$7,329	0	\$0	7	\$169,230	5	\$968,276
Occupational Therapy	1573	4	\$665,683	2	\$151,344	11	\$1,607,726	6	\$261,852
School Of Education	1588	3	\$632,472	2	\$39,678	18	\$3,184,767	9	\$842,726
Social Work	1586	0	\$0	0	\$0	6	\$461,669	5	\$419,723
Totals		10	\$1,548,117	9	\$526,332	66	\$9,110,517	45	\$5,476,548

Business

Proposals Submitted	Quarter Totals					Fiscal Year to Date Totals			
	Dept #	<u>Current FY</u>		<u>Previous FY</u>		<u>Current FY</u>		<u>Previous FY</u>	
		No.	Amount	No.	Amount	No.	Amount	No.	Amount
Accounting	1271	0	\$0	0	\$0	0	\$0	1	\$17,912
Business College	1270	0	\$0	0	\$0	0	\$0	1	\$18,756
Computer Information Systems	1277	0	\$0	0	\$0	2	\$754,553	3	\$200,755
Dean Of Business	1201	0	\$0	0	\$0	1	\$595,885	1	\$616,385
Inst For Transportation Mgt	1276	1	\$113,002	2	\$125,064	1	\$113,002	3	\$167,505
Marketing	1278	0	\$0	0	\$0	1	\$732,473	1	\$696,933
Totals		1	\$113,002	2	\$125,064	5	\$2,195,913	10	\$1,718,246

Awards Received	Quarter Totals					Fiscal Year to Date Totals			
	Dept #	<u>Current FY</u>		<u>Previous FY</u>		<u>Current FY</u>		<u>Previous FY</u>	
		No.	Amount	No.	Amount	No.	Amount	No.	Amount
Computer Information Systems	1277	0	\$0	2	\$190,500	2	\$399,954	5	\$317,000
Inst For Transportation Mgt	1276	3	\$422,906	2	\$383,107	6	\$529,793	4	\$525,003
Management	1275	0	\$0	0	\$0	0	\$0	1	\$8,985
Marketing	1278	1	\$225,121	0	\$0	1	\$225,121	0	\$0
Totals		4	\$648,027	4	\$573,607	9	\$1,154,868	10	\$850,988

Engineering

Proposals Submitted	Quarter Totals					Fiscal Year to Date Totals			
	Dept #	<u>Current FY</u>		<u>Previous FY</u>		<u>Current FY</u>		<u>Previous FY</u>	
		No.	Amount	No.	Amount	No.	Amount	No.	Amount
Atmospheric Science	1371	11	\$5,213,606	8	\$2,607,160	48	\$21,953,670	41	\$23,733,641
Chemical & Biores Engineering	1370	4	\$3,491,014	6	\$3,933,677	23	\$11,349,665	26	\$13,232,094
CIRA	1375	6	\$1,874,069	10	\$2,461,464	32	\$11,520,214	39	\$71,917,722
Civil Engineering	1372	6	\$1,296,269	15	\$8,423,775	32	\$19,046,624	50	\$22,237,125
Dean Of Engineering	1301	2	\$25,578,073	0	\$0	2	\$25,578,073	2	\$5,298,210
Elec. & Computer Engineering	1373	8	\$18,722,444	7	\$922,183	43	\$30,045,107	35	\$25,438,777
Mechanical Engineering	1374	2	\$876,209	7	\$925,729	29	\$24,901,546	30	\$8,393,883
Totals		39	\$57,051,684	53	\$19,273,988	209	\$144,394,899	223	\$170,251,452

Awards Received	Quarter Totals					Fiscal Year to Date Totals			
	Dept #	<u>Current FY</u>		<u>Previous FY</u>		<u>Current FY</u>		<u>Previous FY</u>	
		No.	Amount	No.	Amount	No.	Amount	No.	Amount
Atmospheric Science	1371	27	\$3,534,162	19	\$1,839,009	92	\$11,387,755	86	\$7,451,044
Chemical & Biores Engineering	1370	6	\$867,261	3	\$147,402	16	\$2,675,358	20	\$2,244,180
CIRA	1375	10	\$1,511,958	9	\$567,073	59	\$14,370,216	51	\$9,955,037
Civil Engineering	1372	22	\$1,946,709	19	\$1,117,106	82	\$8,021,231	74	\$5,355,050
Dean Of Engineering	1301	0	\$0	1	\$304,434	2	\$650,000	3	\$954,434
Elec. & Computer Engineering	1373	12	\$749,808	12	\$1,010,289	44	\$4,597,601	40	\$2,590,316
Mechanical Engineering	1374	9	\$813,549	10	\$782,454	52	\$4,280,697	36	\$2,822,541
Totals		86	\$9,423,447	73	\$5,767,767	347	\$45,982,858	310	\$31,372,602

Liberal Arts

Proposals Submitted	Quarter Totals					Fiscal Year to Date Totals				
	Dept #	Current FY		Previous FY		No.	Current FY		Previous FY	
		No.	Amount	No.	Amount		Amount	No.	Amount	
Anthropology	1787	1	\$16,000	0	\$0	4	\$712,693	3	\$604,346	
Art	1770	2	\$8,724	1	\$36,400	2	\$8,724	2	\$38,900	
Economics	1771	0	\$0	0	\$0	1	\$84,000	0	\$0	
English	1773	0	\$0	2	\$224,829	2	\$64,301	7	\$1,051,767	
Foreign Languages & Literature	1774	0	\$0	0	\$0	0	\$0	3	\$196,191	
Journalism & Technical Comm	1785	0	\$0	0	\$0	3	\$4,083,591	3	\$2,754,765	
Music, Theatre & Dance	1778	1	\$290,000	0	\$0	7	\$1,001,856	4	\$569,043	
Political Science	1782	0	\$0	1	\$58,832	1	\$85,931	3	\$82,532	
Sociology	1784	0	\$0	0	\$0	1	\$136,217	4	\$477,938	
Totals		4	\$314,724	4	\$320,061	21	\$6,177,313	29	\$5,775,482	

Awards Received	Quarter Totals					Fiscal Year to Date Totals				
	Dept #	Current FY		Previous FY		No.	Current FY		Previous FY	
		No.	Amount	No.	Amount		Amount	No.	Amount	
Anthropology	1787	7	\$194,881	0	\$0	10	\$350,618	4	\$396,292	
Art	1770	0	\$0	2	\$5,700	0	\$0	2	\$5,700	
Economics	1771	2	\$117,620	1	\$31,992	3	\$158,620	3	\$33,919	
English	1773	0	\$0	0	\$0	4	\$14,725	2	\$9,231	
Foreign Languages & Literature	1774	0	\$0	1	\$33,000	0	\$0	1	\$33,000	
Journalism & Technical Comm	1785	1	\$232,200	1	\$77,576	5	\$1,239,350	8	\$865,209	
Music, Theatre & Dance	1778	2	\$5,800	0	\$0	3	\$9,300	1	\$171,841	
Philosophy	1781	0	\$0	0	\$0	0	\$0	1	\$169,717	
Political Science	1782	0	\$0	0	\$0	0	\$0	1	\$8,500	
Sociology	1784	1	\$15,237	1	\$26,919	3	\$169,237	4	\$206,500	
Speech Communication	1783	0	\$0	0	\$0	0	\$0	1	\$4,725	
Totals		13	\$565,738	6	\$175,187	28	\$1,941,850	28	\$1,904,634	

Natural Resources

Proposals Submitted	Quarter Totals					Fiscal Year to Date Totals			
	Dept #	<u>Current FY</u>		<u>Previous FY</u>		<u>Current FY</u>		<u>Previous FY</u>	
		No.	Amount	No.	Amount	No.	Amount	No.	Amount
CEMML	1490	5	\$1,107,036	0	\$0	26	\$10,500,305	0	\$0
Coop Fish & Wildlife Research	1484	2	\$127,020	0	\$0	7	\$988,519	2	\$1,524,009
Dean Of Natural Resources	1401	0	\$0	0	\$0	1	\$4,000	0	\$0
Earth Resources	1482	6	\$336,237	4	\$937,349	16	\$1,634,411	15	\$2,186,767
Fish & Wildlife Biology	1474	10	\$428,261	24	\$3,727,981	60	\$5,897,520	74	\$14,635,398
Forest Sciences	1470	5	\$797,121	11	\$2,529,864	13	\$2,791,928	30	\$12,372,765
Nat Res Recreation & Tourism	1480	4	\$743,615	0	\$0	6	\$1,385,117	4	\$440,000
Natural Resource Ecology Lab	1499	14	\$4,698,128	8	\$2,872,561	49	\$25,104,767	46	\$26,897,066
Rangeland Ecosystem Science	1478	1	\$6,000	6	\$1,194,053	3	\$49,905	11	\$2,121,263
Totals		47	\$8,243,418	53	\$11,261,808	181	\$48,356,472	182	\$60,177,268

Awards Received	Quarter Totals					Fiscal Year to Date Totals			
	Dept #	<u>Current FY</u>		<u>Previous FY</u>		<u>Current FY</u>		<u>Previous FY</u>	
		No.	Amount	No.	Amount	No.	Amount	No.	Amount
CEMML	1490	43	\$5,829,294	0	\$0	165	\$16,026,540	0	\$0
Coop Fish & Wildlife Research	1484	6	\$188,761	3	\$98,322	23	\$1,182,971	25	\$1,493,942
Dean Of Natural Resources	1401	0	\$0	0	\$0	0	\$0	3	\$130,007
Earth Resources	1482	6	\$280,985	7	\$300,470	24	\$1,186,739	37	\$1,514,805
Fish & Wildlife Biology	1474	37	\$1,325,631	38	\$1,216,018	144	\$5,591,602	126	\$3,453,489
Forest Sciences	1470	5	\$257,000	59	\$4,140,951	21	\$1,276,666	217	\$19,012,587
Nat Res Recreation & Tourism	1480	1	\$53,429	4	\$155,904	9	\$303,721	19	\$529,804
Natural Resource Ecology Lab	1499	20	\$1,820,547	16	\$1,882,282	69	\$10,810,134	73	\$8,021,063
Rangeland Ecosystem Science	1478	6	\$478,117	6	\$119,627	23	\$1,511,997	23	\$602,667
Totals		124	\$10,233,764	133	\$7,913,574	478	\$37,890,370	523	\$34,758,364

Natural Sciences

Proposals Submitted	Quarter Totals					Fiscal Year to Date Totals			
	Dept #	<u>Current FY</u>		<u>Previous FY</u>		<u>Current FY</u>		<u>Previous FY</u>	
		No.	Amount	No.	Amount	No.	Amount	No.	Amount
Biochemistry & Molecular Bio	1870	6	\$1,729,737	5	\$3,745,138	25	\$15,301,949	16	\$8,176,796
Biology	1878	2	\$207,611	4	\$467,289	21	\$9,983,271	38	\$15,628,309
Center For Sci, Math & Tech Ed	1802	0	\$0	1	\$999,574	1	\$159,612	7	\$4,147,579
Chemistry	1872	10	\$9,476,820	8	\$4,300,184	54	\$30,759,957	30	\$14,462,117
Computer Science	1873	3	\$930,862	2	\$550,900	18	\$7,192,247	15	\$5,784,019
Dean Of Natural Sciences	1801	0	\$0	1	\$199,815	0	\$0	2	\$305,415
Mathematics	1874	1	\$18,600	4	\$255,715	7	\$1,173,157	11	\$1,088,841
Physics	1875	2	\$770,414	2	\$655,686	14	\$4,062,503	14	\$5,208,605
Psychology	1876	6	\$5,521,608	2	\$1,051,885	13	\$7,572,822	14	\$11,040,963
Statistics	1877	0	\$0	2	\$2,587,411	8	\$2,049,520	9	\$7,021,173
Totals		30	\$18,655,652	31	\$14,813,597	161	\$78,255,038	156	\$72,863,817

Awards Received	Quarter Totals					Fiscal Year to Date Totals			
	Dept #	<u>Current FY</u>		<u>Previous FY</u>		<u>Current FY</u>		<u>Previous FY</u>	
		No.	Amount	No.	Amount	No.	Amount	No.	Amount
Biochemistry & Molecular Bio	1870	3	\$140,326	5	\$224,165	27	\$4,772,717	34	\$3,688,092
Biology	1878	9	\$386,056	8	\$453,228	32	\$2,498,312	33	\$2,277,843
Center For Sci, Math & Tech Ed	1802	1	\$21,272	0	\$0	4	\$1,517,126	8	\$435,151
Chemistry	1872	16	\$2,327,438	12	\$1,483,553	50	\$7,302,896	54	\$5,609,050
Computer Science	1873	3	\$216,687	3	\$253,000	13	\$1,050,965	10	\$1,128,464
Dean Of Natural Sciences	1801	0	\$0	2	\$210,105	1	\$52,800	2	\$210,105
Mathematics	1874	3	\$41,500	2	\$38,600	10	\$605,063	9	\$521,627
Physics	1875	11	\$1,231,898	8	\$817,646	30	\$2,332,276	23	\$1,734,953
Psychology	1876	3	\$1,647,271	6	\$2,013,770	17	\$3,488,033	20	\$5,320,184
Statistics	1877	4	\$819,143	4	\$160,400	17	\$2,128,049	12	\$477,514
Totals		53	\$6,831,591	50	\$5,654,467	201	\$25,748,237	205	\$21,402,983

Vet. Medicine & Biomedical Sciences

Proposals Submitted	Quarter Totals					Fiscal Year to Date Totals			
	Dept #	<u>Current FY</u>		<u>Previous FY</u>		<u>Current FY</u>		<u>Previous FY</u>	
		No.	Amount	No.	Amount	No.	Amount	No.	Amount
Anatomy & Neurobiology	1670	3	\$2,011,452	3	\$1,934,296	14	\$15,963,153	13	\$8,457,993
Clinical Sciences	1678	12	\$5,630,938	12	\$2,679,806	54	\$11,252,737	39	\$5,493,337
Dean Of Vet Medicine	1601	0	\$0	2	\$257,996	1	\$40,020	3	\$287,996
Environmental Health	1676	10	\$4,516,468	8	\$2,027,581	33	\$14,739,006	31	\$20,422,558
Microbiology	1677	8	\$8,468,323	11	\$8,130,050	30	\$32,188,309	28	\$13,858,134
Pathology	1671	5	\$1,908,037	2	\$2,998,744	22	\$18,046,480	11	\$10,613,752
Physiology	1672	3	\$331,356	5	\$1,999,479	19	\$4,153,088	27	\$13,672,034
Radiological Health Sciences	1673	5	\$1,992,914	5	\$5,564,225	22	\$13,473,424	20	\$13,698,552
Totals		46	\$24,859,488	48	\$25,592,177	195	\$109,856,217	172	\$86,504,356

Awards Received	Quarter Totals					Fiscal Year to Date Totals			
	Dept #	<u>Current FY</u>		<u>Previous FY</u>		<u>Current FY</u>		<u>Previous FY</u>	
		No.	Amount	No.	Amount	No.	Amount	No.	Amount
Anatomy & Neurobiology	1670	7	\$960,174	7	\$940,962	25	\$4,364,280	30	\$4,174,113
Clinical Sciences	1678	23	\$2,117,627	14	\$437,668	67	\$4,658,304	59	\$2,490,585
Dean Of Vet Medicine	1601	1	\$2,000,000	2	\$2,175,674	3	\$2,185,000	3	\$2,342,390
Environmental Health	1676	9	\$1,485,729	6	\$1,251,990	41	\$6,255,420	45	\$6,849,658
Microbiology	1677	14	\$3,355,923	10	\$3,396,244	50	\$9,039,461	58	\$11,463,351
Pathology	1671	8	\$1,246,118	7	\$935,725	29	\$4,381,008	39	\$4,210,098
Physiology	1672	6	\$684,860	10	\$846,643	25	\$4,796,181	34	\$3,331,158
Radiological Health Sciences	1673	11	\$1,359,223	5	\$406,070	29	\$3,880,738	19	\$1,599,595
Totals		79	\$13,209,654	61	\$10,390,976	269	\$39,560,392	287	\$36,460,948

Other

Proposals Submitted	Quarter Totals				Fiscal Year to Date Totals				
	Dept #	<u>Current FY</u>		<u>Previous FY</u>		<u>Current FY</u>		<u>Previous FY</u>	
		No.	Amount	No.	Amount	No.	Amount	No.	Amount
Academic Advancement Center	8100	0	\$0	0	\$0	0	\$0	1	\$1,457,030
Agric Experiment Station	3001	1	\$35,345	0	\$0	1	\$35,345	0	\$0
Asian/Pacific American Stu Ser	8018	0	\$0	0	\$0	1	\$3,000	0	\$0
Center Educ Access & Outreach	8005	1	\$7,500	1	\$8,500	1	\$7,500	1	\$8,500
Center For Ethnicity Studies	1030	0	\$0	0	\$0	0	\$0	1	\$323,987
Colo Water Resources Res Inst	2033	0	\$0	0	\$0	5	\$503,439	2	\$85,281
Cooperative Extension	4040	7	\$8,484,475	5	\$3,548,182	17	\$9,989,681	15	\$7,807,924
Educ Outreach-Administration	1040	0	\$0	0	\$0	1	\$169,136	1	\$106,920
Graduate School	2015	0	\$0	0	\$0	0	\$0	1	\$220,000
Hughes Un Bio-Ctr Life Science	1031	0	\$0	0	\$0	1	\$2,194,861	0	\$0
International Programs	1024	2	\$799,923	1	\$18,829	2	\$799,923	1	\$18,829
Library	1019	0	\$0	0	\$0	1	\$7,000	0	\$0
San Juan Basin Research Center	3042	1	\$63,607	0	\$0	1	\$63,607	0	\$0
San Luis Valley Research Ctr	3043	0	\$0	0	\$0	1	\$5,000	1	\$160,000
Southwestern Colorado Res Ctr	3050	1	\$149,915	0	\$0	1	\$149,915	0	\$0
University Health Services	8031	0	\$0	0	\$0	0	\$0	1	\$171,947
University Police	6023	0	\$0	0	\$0	2	\$167,815	0	\$0
V P Research & Info Technology	2001	0	\$0	0	\$0	1	\$270,000	0	\$0
Western Colorado Research Ctr	3046	1	\$9,900	1	\$3,251,878	1	\$9,900	1	\$3,251,878
Totals		14	\$9,550,665	8	\$6,827,389	37	\$14,376,122	26	\$13,612,296

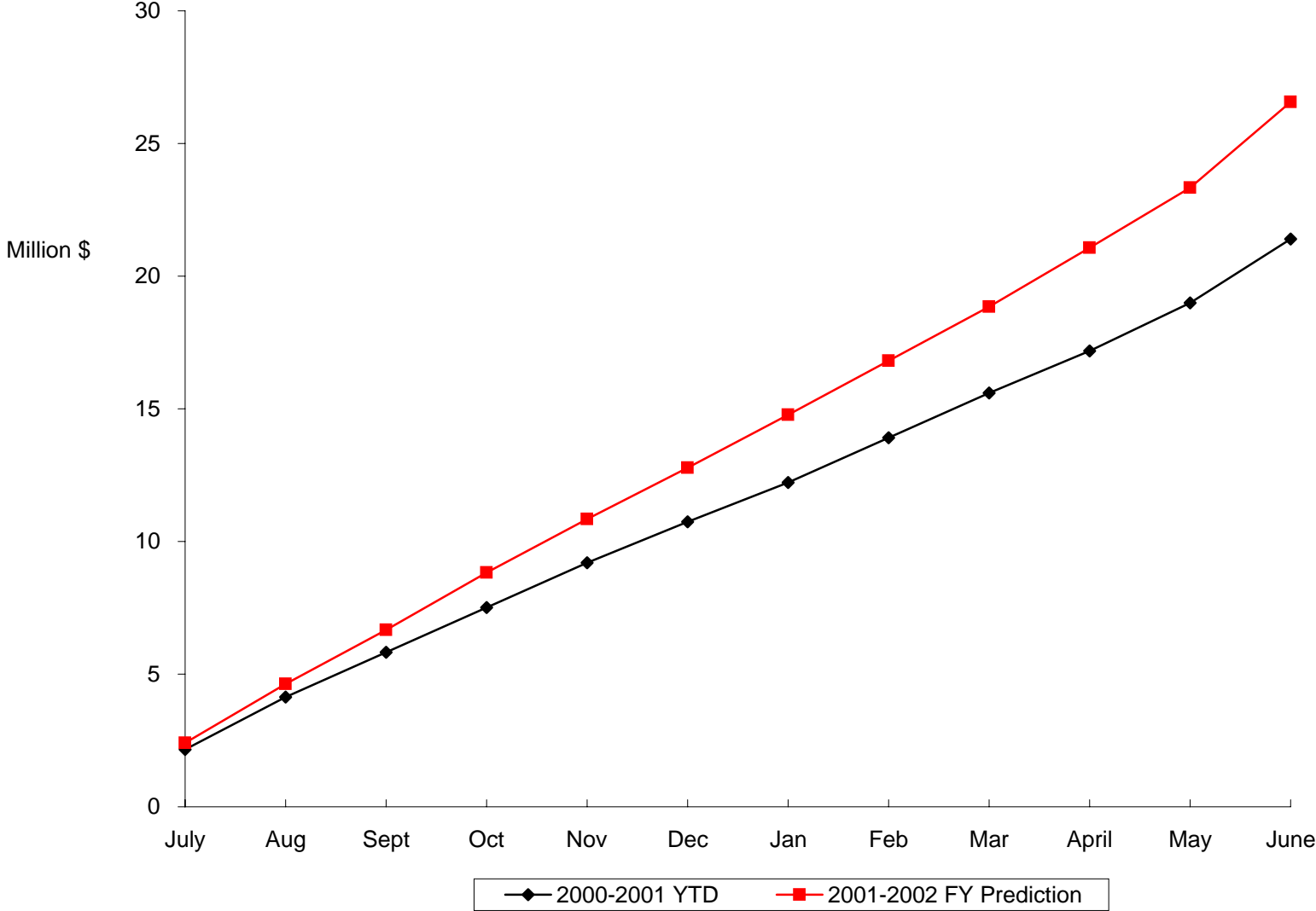
Other

Awards Received	Quarter Totals				Fiscal Year to Date Totals				
	Dept #	Current FY		Previous FY		Current FY		Previous FY	
		No.	Amount	No.	Amount	No.	Amount	No.	Amount
Academic Advancement Center	8100	0	\$0	1	\$275,133	3	\$58,360	2	\$542,252
Agric Experiment Station	3001	0	\$0	1	\$14,774	5	\$200,075	6	\$74,096
Arkansas Valley Research Ctr	3040	0	\$0	1	\$1,000	0	\$0	1	\$1,000
Asian/Pacific American Stu Ser	8018	1	\$2,100	0	\$0	1	\$2,100	1	\$1,200
Center Educ Access & Outreach	8005	2	\$449,943	3	\$456,851	4	\$905,024	6	\$1,290,114
Colo Water Resources Res Inst	2033	2	\$28,960	9	\$95,281	12	\$236,785	12	\$125,281
Colorado State Forest Svc-Csu	5060	0	\$0	0	\$0	0	\$0	1	\$278,416
Cooperative Extension	4040	6	\$329,009	2	\$178,977	26	\$1,200,413	19	\$2,482,221
Educ Outreach-Administration	1040	0	\$0	0	\$0	2	\$106,920	2	\$127,450
El Centro Student Services	8017	0	\$0	0	\$0	0	\$0	1	\$1,500
Graduate School	2015	0	\$0	0	\$0	11	\$657,483	10	\$883,927
Housing	8032	0	\$0	1	\$750	1	\$58,000	2	\$56,250
Hughes Un Bio-Ctr Life Science	1031	0	\$0	0	\$0	5	\$395,600	5	\$398,050
International Programs	1024	0	\$0	1	\$49,367	3	\$135,680	2	\$66,614
Provost/Academic V P	1001	1	\$38,302	0	\$0	2	\$42,702	1	\$1,950
San Luis Valley Research Ctr	3043	3	\$581,329	2	\$406,600	14	\$874,965	15	\$810,960
Service Learning & Voluntr Pgm	8040	0	\$0	0	\$0	1	\$139,955	1	\$133,656
Southwestern Colorado Res Ctr	3050	1	\$49,183	1	\$2,000	2	\$59,183	4	\$67,937
Student Center	8033	0	\$0	0	\$0	1	\$4,000	1	\$1,500
Talent Search Program	0011	0	\$0	0	\$0	2	\$327,726	2	\$300,907
University Police	6023	1	\$58,870	0	\$0	3	\$126,262	2	\$62,081
V P Research & Info Technology	2001	0	\$0	0	\$0	0	\$0	1	\$1,112
Western Colorado Research Ctr	3046	0	\$0	2	\$65,252	4	\$2,588,641	3	\$69,946
Totals		17	\$1,537,696	24	\$1,545,985	102	\$8,119,874	100	\$7,778,420

Section III

Indirect Cost Earning Projections

Research Indirect Cost Recoveries 2001-2002



Based on Previous Year

AVERAGE PERCENT OF INDIRECT COST RECOVERIES FROM RESEARCH FUNDS (5-3 Accounts) FY 2001-20002

	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June
Ag Sciences	12%	21%	25%	33%	42%	47%	55%	62%	71%	79%	87%	100%
Business	9%	15%	23%	31%	34%	40%	53%	60%	69%	80%	86%	100%
Engineering	10%	20%	27%	35%	42%	49%	56%	64%	72%	80%	89%	100%
Natural Resources	11%	20%	28%	38%	45%	52%	57%	66%	72%	80%	88%	100%
Applied Human Sci	9%	17%	24%	31%	43%	49%	57%	64%	72%	80%	90%	100%
Vet Medicine	9%	17%	25%	33%	41%	49%	57%	65%	74%	81%	90%	100%
Liberal Arts	12%	21%	26%	33%	41%	50%	58%	67%	74%	82%	90%	100%
Natural Sciences	13%	22%	30%	38%	45%	52%	59%	66%	73%	80%	88%	100%
Extension Service	10%	23%	39%	46%	56%	61%	65%	72%	76%	82%	92%	100%
VP Student Affairs	4%	11%	17%	23%	29%	35%	49%	56%	65%	80%	92%	100%
Other	5%	11%	37%	47%	55%	63%	70%	79%	83%	88%	94%	100%
TOTAL	10%	19%	27%	35%	43%	50%	57%	65%	73%	80%	89%	100%

Calculations based on 8 decimal places. Rounded percentages only are shown here.

ACTUAL INDIRECT COST RECOVERIES FROM RESEARCH FUNDS (5-3 ACCOUNTS) Fiscal Year Ending June 30, 2001

	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	ACTUAL
Ag Sciences	42,484	77,909	115,998	166,071	204,043	262,488	286,718	318,891	359,903	411,750	435,492	490,214	490,214
Business	38,334	60,381	80,449	105,798	120,021	136,526	150,225	165,114	181,242	212,062	222,334	273,471	273,471
Engineering	733,280	1,322,352	1,890,949	2,466,125	3,062,589	3,589,795	4,142,009	4,724,590	5,327,839	5,973,069	6,695,103	7,618,937	7,618,937
Natural Resources	294,178	864,587	1,278,773	1,684,622	2,036,796	2,362,064	2,676,605	3,030,237	3,380,756	3,740,336	4,078,405	4,661,893	4,661,893
Applied Human Sci	97,247	173,872	254,444	329,436	421,441	502,369	561,404	648,527	724,192	807,680	889,675	989,347	989,347
Vet Medicine	635,350	1,150,415	1,703,814	2,318,077	2,902,357	3,462,194	4,072,452	4,656,087	5,242,936	5,882,822	6,529,175	7,209,453	7,209,453
Liberal Arts	36,965	50,979	64,888	57,303	79,615	91,192	115,066	133,769	147,224	168,660	185,348	218,692	218,692
Natural Sciences	510,585	872,052	1,218,730	1,624,655	1,937,157	2,268,242	2,617,297	2,950,940	3,274,351	3,622,436	4,037,800	4,802,998	4,802,998
Extension Service	14,680	29,545	38,475	50,675	58,682	65,096	99,853	107,589	120,187	133,886	144,702	157,700	157,700
VP Student Affairs	2,808	5,879	9,069	12,494	15,653	18,353	21,597	32,470	37,162	41,896	47,358	53,149	53,149
Other	5,954	12,157	14,660	8,114	11,934	15,327	33,897	40,571	50,579	67,660	76,289	93,037	93,037
2001-2002 Actual	2,411,865	4,620,128	6,670,249	8,823,371	10,850,287	12,773,645	14,777,123	16,808,785	18,846,371	21,062,257	23,341,681	26,568,892	26,568,892 *
2000-2001 YTD	2,166,617	4,132,067	5,833,300	7,502,153	9,191,578	10,740,178	12,229,430	13,917,829	15,599,552	17,173,380	18,999,584	21,404,294	26,568,892 **

*Projection based on each COLLEGE recovering same average percent of their total year's recover;

**Projection based on the UNIVERSITY recovering same average percent of its total year's recover;

Based on Previous 2 Years

AVERAGE PERCENT OF INDIRECT COST RECOVERIES FROM RESEARCH FUNDS (5-3 Accounts) FY 2001-20002

	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June
Ag Sciences	11%	19%	25%	29%	36%	45%	52%	62%	70%	76%	86%	100%
Business	11%	16%	22%	31%	36%	42%	53%	60%	68%	81%	88%	100%
Engineering	10%	19%	27%	34%	41%	49%	56%	64%	72%	80%	89%	100%
Natural Resources	10%	19%	28%	37%	45%	51%	57%	65%	73%	80%	88%	100%
Applied Human Sci	8%	15%	23%	30%	40%	47%	55%	62%	71%	80%	89%	100%
Vet Medicine	9%	17%	26%	33%	42%	49%	57%	65%	74%	81%	90%	100%
Liberal Arts	11%	19%	24%	30%	37%	49%	56%	64%	72%	80%	89%	100%
Natural Sciences	13%	21%	29%	37%	44%	51%	58%	65%	72%	79%	87%	100%
Extension Service	15%	25%	24%	32%	43%	50%	56%	63%	69%	77%	87%	100%
VP Student Affairs	9%	18%	27%	36%	38%	45%	55%	61%	68%	80%	90%	100%
Other	8%	15%	38%	48%	51%	58%	65%	72%	77%	129%	141%	100%
TOTAL	10%	19%	27%	35%	42%	50%	57%	64%	72%	80%	89%	100%

Calculations based on 8 decimal places. Rounded percentages only are shown here.

ACTUAL INDIRECT COST RECOVERIES FROM RESEARCH FUNDS (5-3 ACCOUNTS) Fiscal Year Ending June 30, 2001

	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	ACTUAL
Ag Sciences	42,484	77,909	115,998	166,071	204,043	262,488	286,718	318,891	359,903	411,750	435,492	490,214	490,214
Business	38,334	60,381	80,449	105,798	120,021	136,526	150,225	165,114	181,242	212,062	222,334	273,471	273,471
Engineering	733,280	1,322,352	1,890,949	2,466,125	3,062,589	3,589,795	4,142,009	4,724,590	5,327,839	5,973,069	6,695,103	7,618,937	7,618,937
Natural Resources	294,178	864,587	1,278,773	1,684,622	2,036,796	2,362,064	2,676,605	3,030,237	3,380,756	3,740,336	4,078,405	4,661,893	4,661,893
Applied Human Sci	97,247	173,872	254,444	329,436	421,441	502,369	561,404	648,527	724,192	807,680	889,675	989,347	989,347
Vet Medicine	635,350	1,150,415	1,703,814	2,318,077	2,902,357	3,462,194	4,072,452	4,656,087	5,242,936	5,882,822	6,529,175	7,209,453	7,209,453
Liberal Arts	36,965	50,979	64,888	57,303	79,615	91,192	115,066	133,769	147,224	168,660	185,348	218,692	218,692
Natural Sciences	510,585	872,052	1,218,730	1,624,655	1,937,157	2,268,242	2,617,297	2,950,940	3,274,351	3,622,436	4,037,800	4,802,998	4,802,998
Extension Service	14,680	29,545	38,475	50,675	58,682	65,096	99,853	107,589	120,187	133,886	144,702	157,700	157,700
VP Student Affairs	2,808	5,879	9,069	12,494	15,653	18,353	21,597	32,470	37,162	41,896	47,358	53,149	53,149
Other	5,954	12,157	14,660	8,114	11,934	15,327	33,897	40,571	50,579	67,660	76,289	93,037	93,037
2001-2002 Actual	2,411,865	4,620,128	6,670,249	8,823,371	10,850,287	12,773,645	14,777,123	16,808,785	18,846,371	21,062,257	23,341,681	26,568,892	26,568,892 *
2000-2001 YTD	2,166,617	4,132,067	5,833,300	7,502,153	9,191,578	10,740,178	12,229,430	13,917,829	15,599,552	17,173,380	18,999,584	21,404,294	26,568,892 **

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**Projection based on the UNIVERSITY recovering same average percent of its total year's recover;

Based on Previous 3 Years

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Engineering	10%	20%	27%	35%	42%	50%	57%	64%	72%	80%	89%	100%
Natural Resources	10%	19%	28%	36%	44%	51%	57%	65%	72%	80%	88%	100%
Applied Human Sci	9%	16%	24%	30%	39%	46%	53%	60%	70%	79%	89%	100%
Vet Medicine	8%	16%	25%	33%	41%	48%	56%	64%	73%	81%	89%	100%
Liberal Arts	12%	20%	25%	31%	37%	48%	55%	63%	71%	80%	88%	100%
Natural Sciences	12%	21%	29%	36%	43%	50%	57%	64%	71%	78%	87%	100%
Extension Service	13%	21%	22%	29%	39%	46%	52%	59%	66%	74%	83%	100%
VP Student Affairs	9%	19%	28%	36%	39%	46%	55%	61%	68%	80%	89%	100%
Other	9%	18%	36%	44%	49%	57%	62%	70%	74%	115%	125%	100%
TOTAL	10%	19%	27%	34%	42%	49%	56%	64%	72%	80%	88%	100%

Calculations based on 8 decimal places. Rounded percentages only are shown here.

ACTUAL INDIRECT COST RECOVERIES FROM RESEARCH FUNDS (5-3 ACCOUNTS) Fiscal Year Ending June 30, 2001

	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	ACTUAL
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Business	38,334	60,381	80,449	105,798	120,021	136,526	150,225	165,114	181,242	212,062	222,334	273,471	273,471
Engineering	733,280	1,322,352	1,890,949	2,466,125	3,062,589	3,589,795	4,142,009	4,724,590	5,327,839	5,973,069	6,695,103	7,618,937	7,618,937
Natural Resources	294,178	864,587	1,278,773	1,684,622	2,036,796	2,362,064	2,676,605	3,030,237	3,380,756	3,740,336	4,078,405	4,661,893	4,661,893
Applied Human Sci	97,247	173,872	254,444	329,436	421,441	502,369	561,404	648,527	724,192	807,680	889,675	989,347	989,347
Vet Medicine	635,350	1,150,415	1,703,814	2,318,077	2,902,357	3,462,194	4,072,452	4,656,087	5,242,936	5,882,822	6,529,175	7,209,453	7,209,453
Liberal Arts	36,965	50,979	64,888	57,303	79,615	91,192	115,066	133,769	147,224	168,660	185,348	218,692	218,692
Natural Sciences	510,585	872,052	1,218,730	1,624,655	1,937,157	2,268,242	2,617,297	2,950,940	3,274,351	3,622,436	4,037,800	4,802,998	4,802,998
Extension Service	14,680	29,545	38,475	50,675	58,682	65,096	99,853	107,589	120,187	133,886	144,702	157,700	157,700
VP Student Affairs	2,808	5,879	9,069	12,494	15,653	18,353	21,597	32,470	37,162	41,896	47,358	53,149	53,149
Other	5,954	12,157	14,660	8,114	11,934	15,327	33,897	40,571	50,579	67,660	76,289	93,037	93,037
2001-2002 Actual	2,411,865	4,620,128	6,670,249	8,823,371	10,850,287	12,773,645	14,777,123	16,808,785	18,846,371	21,062,257	23,341,681	26,568,892	26,568,892 *
2000-2001 YTD	2,166,617	4,132,067	5,833,300	7,502,153	9,191,578	10,740,178	12,229,430	13,917,829	15,599,552	17,173,380	18,999,584	21,404,294	26,568,892 **

*Projection based on each COLLEGE recovering same average percent of their total year's recover;

**Projection based on the UNIVERSITY recovering same average percent of its total year's recover;

Section IV

Proposals Submitted

Agricultural Sciences - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount	
Loomis,John B	Primary PI	Agric & Resource Economics DOI-NPS-National Park Service	Develop a National Park Service Benefits Transfer Database	6/15/02 - 9/1/03	02477401 13760	\$29,903
Loomis,John B	Primary PI	Agric & Resource Economics USDA - US Department of Agriculture	Can Support for Fuel Reduction Policies be Increased using Multimedia?	5/1/02 - 9/30/05	02458601 13667	\$75,000
Loomis,John B	Primary PI	Agric & Resource Economics USDA-Forest Service-Pacific NW Exp Statn	Understanding Issues Associated with Recreation & Tourism on Wildlands of the Pacific Northwest	8/1/01 - 9/30/02	02327801 12025	\$15,000
Loomis,John B	Primary PI	Agric & Resource Economics USDA-USFS-Forest Research	Understanding Value Trade Offs Regarding Fire Hazard Reduction Programs in the Wildland-Urban Interface	7/1/02 - 9/30/04	02459601 13679	\$23,300
Loureiro,Maria L Umberger,Wendy J	Primary PI Co-PI	Agric & Resource Economics Colorado Department of Agriculture	Consumer Demand for Source Verification Labels	7/1/02 - 6/30/03	02418501 13167	\$20,530
Loureiro,Maria L Umberger,Wendy J	Primary PI Co-PI	Agric & Resource Economics USDA - US Department of Agriculture	Country-of-Origin Labeling & Traceability of Beef: Estimating Consumer Response & Industry Cost	8/30/02 - 8/30/03	02391201 12767	\$172,753
Loureiro,Maria L	Primary PI	Agric & Resource Economics Washington State University	Product Liability as a Deterrent for Food Contamination	8/1/02 - 7/31/03	02397401 12870	\$10,079
Pritchett,James G Umberger,Wendy J Hine,Susan E	Primary PI Co-PI Collaborator	Agric & Resource Economics USDA - US Department of Agriculture	Strategic & Financial Planning for Cooperatives Pursuing Sustainability	10/1/02 - 9/30/04	02369201 12469	\$97,424
Seidel,Andrew F Davies,Stephen P Huszar,Paul C Loureiro,Maria L Umberger,Wendy J	Primary PI Co-PI Co-PI Co-PI Co-PI	Agric & Resource Economics DOS-AID-Agency for Inter. Development	Innovative Collaborations in Agricultural & Resource Economics	10/1/02 - 9/30/07	02448901 13301	\$273,580

*Managed Sponsor

**Inter-departmental Project

Proposals Submitted - 1

Agricultural Sciences - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount	
Belk,Keith Scanga,John A Smith,Gary C	Primary PI Co-PI Co-PI	Animal Sciences National Pork Producers Council	Competitive Disparities for U.S. Pork in Export Markets	1/1/02 - 7/30/02	02383301 12681	\$118,042
Belk,Keith Scanga,John A Smith,Gary C Sofos,John N	Primary PI Co-PI Co-PI Co-PI	Animal Sciences National Pork Producers Council	Improving the Safety of Pork Cuts Using Microbiological Decontamination Interventions During Fabrication ...	4/1/02 - 3/31/03	02365001 12497	\$24,920
Belk,Keith Scanga,John A Smith,Gary C Sofos,John N	Primary PI Co-PI Co-PI Co-PI	Animal Sciences National Pork Producers Council	Incidence & Antimicrobial Resistance of Salmonella spp Obtained from Pigs & Pork Carcasses	4/1/02 - 3/31/03	02365201 12495	\$24,400
Belk,Keith Scanga,John A Sofos,John N	Primary PI Co-PI Co-PI	Animal Sciences National Pork Producers Council	Incidence of Listeria spp Present in Condensation within Pork Fabrication Facilities	4/1/02 - 4/1/03	02365301 12509	\$24,770
Belk,Keith	Primary PI	Animal Sciences Nat'l Cattlemen's Beef Association	Investigation of On-Farm Management Practices as Pre-Harvest Beef Microbiological Interventions	1/1/03 - 1/1/04	02447001 13478	\$74,785
Belk,Keith Grandin, Temple Ransom,Justin R Scanga,John A Sofos,John N	Primary PI Co-PI Co-PI Co-PI Co-PI	Animal Sciences ** AMIF - American Meat Institute Foundatio	Investigation of Potential On-Farm Management Practices as Beef Microbiological Interventions	2/1/02 - 5/1/03	02382001 12640	\$197,976
Belk,Keith Levalley,Stephen Byron Scanga,John A Smith,Gary C	Primary PI Co-PI Co-PI Co-PI	Animal Sciences Wyoming Department of Agriculture	Validation of Regression Equations that Utilize Lamb Vision System Output to Predict Lamb Carcass Fabrication Yields..	5/1/02 - 2/28/03	02446601 13518	\$49,000
Bruemmer,Jason Denniston,David J	Primary PI Co-PI	Animal Sciences AQHA-American Quarter Horse Assoc.	LH Suppression & Postponement of Ovulation in the Mare	10/1/02 - 9/30/03	02396701 12843	\$42,722

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**Inter-departmental Project

Agricultural Sciences - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount	
Grandin, Temple	Primary PI	Animal Sciences National Pork Producers Council	Defining Space Requirements & Welfare Parameters for Weanling Pigs During Transport	8/1/02 - 7/30/03	02447701 13491	\$70,500
Hossner, Kim L	Primary PI	Animal Sciences Alltech, Inc.	Effects of Bioactive Bovine Colostral Components On Animal Growth	7/15/02 - 8/30/03	02414701 13027	\$30,450
Irlbeck, Nancy A	Primary PI	Animal Sciences ** USDA - US Department of Agriculture	Nutritional/Reproductive Implications of Feeding Cull Onions (Allium cepa) to White- faced Sheep	9/26/01 - 5/15/02	02368601 12508	\$51,797
Lamm, W Dennis	Primary PI	Animal Sciences USDA - US Department of Agriculture	State Level Professional Development	10/1/02 - 9/30/03	02443301 13466	\$10,000
Scanga, John A Belk, Keith Sofos, John N Garry, Franklyn B Koontz, Stephen R Umberger, Wendy J	Primary PI Co-PI Co-PI Collaborator Collaborator Collaborator	Animal Sciences ** CCHE-Commission on Higher Education	Bio-Waste Disposal & Utilization in Colorado	1/1/03 - 12/31/03	02421301 13201	\$59,853
Scanga, John A Belk, Keith	Primary PI Co-PI	Animal Sciences Future Beef Operations, LLC	Comparison of Competing Beef Product Lines to Beef From Future Beef Operations (Arkanasa City, KS) in Four Safeway ...	7/15/01 - 9/30/02	02327201 12005	\$75,540
Scanga, John A	Primary PI	Animal Sciences Nat'l Cattlemen's Beef Association	Microbiological Interventions/Protocols for Reducing Contamination of Beef Subprimal Cuts & Trimmings During...	8/1/02 - 7/31/03	02447201 13475	\$58,010
Scanga, John A Belk, Keith Smith, Gary C	Primary PI Co-PI Co-PI	Animal Sciences National Pork Producers Council	The Use of Video Image Analysis & Instrumentation to Predict Fresh Pork Quality	4/1/02 - 3/31/03	02365101 12496	\$30,400
Siciliano, Paul D Engle, Terry E	Primary PI Collaborator	Animal Sciences Zinpro Corporation	Effect of Selenium Source on Equine Selenium Status	10/30/01 - 11/1/02	02368401 12503	\$13,457

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**Inter-departmental Project

Proposals Submitted - 3

Agricultural Sciences - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount	
Smith,Gary C	Primary PI	Animal Sciences Nat'l Cattlemen's Beef Association	Consumer Behavior in Handling & Home Storage of, & Potential for Growth of Meatborne Pathogens in, Ready-to-Eat Beef ...	8/1/02 - 7/31/03	02446301 13476	\$72,946
Smith,Gary C	Primary PI	Animal Sciences Nat'l Cattlemen's Beef Association	Susceptibility of Escherichia coli 0157:H7, Salmonella spp. & Listeria Monocytogenes, Inoculated onto Beef Tissues	1/1/03 - 1/1/04	02447101 13488	\$73,756
Sofos,John N Belk,Keith Scanga,John A Schmidt,Glenn R Smith,Gary C	Primary PI Co-PI Co-PI Co-PI Co-PI	Animal Sciences AMIF - American Meat Institute Foundatio	Control of Listeria Monocytogenes while Maintaining Acceptable Quality/Palatability of Processed Meat Products	2/1/02 - 2/1/03	02382101 12659	\$46,996
Sofos,John N	Primary PI	Animal Sciences Nat'l Cattlemen's Beef Association	Control of Listeria Monocytogenes with Antimicrobials in Ready-To-Eat Beef Products	8/1/02 - 7/31/03	02447301 13479	\$60,583
Sofos,John N Belk,Keith Scanga,John A Smith,Gary C	Primary PI Co-PI Co-PI Co-PI	Animal Sciences National Pork Producers Council	Optimization of Antimicrobials for Control of Listeria Monocytogens & for Acceptable Pork Product Quality	4/1/02 - 3/31/03	02365401 12487	\$24,950
Zalesky,Douglas D Mallow,Kevin L Grant,D Kent Lashell,Beth A.S Vlaming,Gregory L	Primary PI Co-PI Collaborator Collaborator Collaborator	Animal Sciences ** USDA - US Department of Agriculture	Creation of a Sustainable, Diversified Small Acreage Production Research & Demonstration Area	10/1/02 - 10/1/05	02369301 12488	\$71,287
Beck,K George Ward,Sarah M	Primary PI Co-PI	Bioagriculturl Sci & Pest Mgmt ** USDA-CSREES-Coop State Rsrch Edu & Ext	Defining Genetic Variability of Yellow Toadflax As A First Step to Develop A Successful Biocontrol Program	4/1/02 - 3/31/05	02385801 12682	\$117,249
Cranshaw,Whitney S	Primary PI	Bioagriculturl Sci & Pest Mgmt USDA - US Department of Agriculture	Implementing Innovative Tactics for Management of Diseases, Insects, & Weeds in Partnership with Cucurbit Growers	7/1/02 - 6/30/05	02420101 13195	\$90,000

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**Inter-departmental Project

Agricultural Sciences - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount	
Hammon,Robert W Cooley,Aubrey Wayne Hooten,Thomas M Larsen,Harold J Sharp,Rodney L Smith,Kenneth W Stack,Mark W	Primary PI Collaborator Collaborator Collaborator Collaborator Collaborator Collaborator	Bioagricultur Sci & Pest Mgmt ** USDA-CSREES-Coop State Rsrch Edu & Ext	Extending Irrigated Alfalfa Stand Life by Alteration of Late-Season Harvest Schedules	10/1/02 - 9/30/05	02364201 12449	\$64,223
Holtzer,Thomas O Haley,Scott D Lapitan,Nora Peairs,Frank B Peterson,Gary A	Primary PI Collaborator Collaborator Collaborator Collaborator	Bioagricultur Sci & Pest Mgmt ** USDA-CSREES-Coop State Rsrch Edu & Ext	Management of Russian Wheat Aphids in Dryland Cropping Systems	9/30/02 - 9/29/03	02465701 13774	\$299,316
Hufbauer,Ruth A	Primary PI	Bioagricultur Sci & Pest Mgmt CIPM-Center for Invasive Plant Mgmt.	Larval Feeding Habits & Host Preference of Brachyterolus pulicari	6/1/02 - 5/31/03	02427601 13281	\$5,399
Hutcheson,Harry Joel	Primary PI	Bioagricultur Sci & Pest Mgmt HHS-NIH-NIAID-Allergy & Infect Diseases	Molecular Genetic Markers for Medically Important Tick Vectors	10/1/01 - 9/30/03	02350201 12032	\$267,957
Jacobi,William R	Primary PI	Bioagricultur Sci & Pest Mgmt Denver Board of Water Commissioners	Water Usage by Cottonwood Trees	5/1/02 - 3/31/03	02437301 13396	\$43,338
Knudson,Dennis L	Primary PI	Bioagricultur Sci & Pest Mgmt HHS-NIH-National Institutes of Health	The Aedes aegypti Genome Project	12/1/02 - 11/30/04	02420401 13115	\$418,667
Lawrence,Christopher B	Primary PI	Bioagricultur Sci & Pest Mgmt USDA - US Department of Agriculture	Development of Tools for Biotechnology- Based Sclerotinia Control	7/1/02 - 6/30/03	02435601 13373	\$57,310
Lawrence,Christopher B	Primary PI	Bioagricultur Sci & Pest Mgmt USDA - US Department of Agriculture	Identification of Pathogenicity Genes of the Necrotrophic Fungus Alternaria brassicicola Using Infection-Targeted..	7/1/02 - 6/30/05	02405601 12895	\$298,613

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**Inter-departmental Project

Proposals Submitted - 5

Agricultural Sciences - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount	
Lawrence,Christopher B	Primary PI	Bioagricultur Sci & Pest Mgmt NSF - National Science Foundation	Molecular Dissection of Plant Disease Resistance to a Necrotrophic Fungal Pathogen Using Functional Genomics	1/1/02 - 12/31/06	02330201 12064	\$994,135
Lawrence,Christopher B	Primary PI	Bioagricultur Sci & Pest Mgmt NSF - National Science Foundation	The Alternaria-Brassicaceae Pathosystem as a Model for Necrotrophic Fungal-Plant Interactions	9/1/02 - 8/31/06	02456601 13571	\$1,363,771
Mcdonald,Sandra K Buffington,Elizabeth J	Primary PI Co-PI	Bioagricultur Sci & Pest Mgmt EPA - Environmental Protection Agency	Waste Pesticide Disposal in Colorado	10/1/02 - 10/1/03	02471901 13829	\$10,674
Norton,Andrew P Caspari,Horst W Larsen,Harold J	Primary PI Collaborator Collaborator	Bioagricultur Sci & Pest Mgmt ** USDA-CSREES-Coop State Rsrch Edu & Ext	Integrating Control Strategies for Grape Powdery Mildew	7/1/02 - 6/30/04	02385901 12683	\$38,660
Norton,Andrew P	Primary PI	Bioagricultur Sci & Pest Mgmt USDA-ARS-Agricultural Research Service	Investigations on the Distribution & Biology of Tarnished Plant Bugs (Lygus spp.) & their Natural Enemies in Colorado	10/1/01 - 9/30/02	02358101 12373	\$5,000
Peairs,Frank B	Primary PI	Bioagricultur Sci & Pest Mgmt EPA - Environmental Protection Agency	Enhancement of the On-line High Plains Integrated Pest Management Guide for Colorado, Western Nebraska, Wyoming, Montana	10/1/02 - 9/30/04	02462801 13662	\$82,745
Schwartz,Howard F Brick,Mark A	Primary PI Co-PI	Bioagricultur Sci & Pest Mgmt ** USDA - US Department of Agriculture	Eco-Tillage, Biopesticide & Resistance Management of White Mold in Dry Bean	5/31/02 - 6/1/04	02434001 13361	\$58,028
Schwartz,Howard F Bartolo,Michael E Franc,Gary D Ishimaru,Carol A	Primary PI Collaborator Collaborator Collaborator	Bioagricultur Sci & Pest Mgmt ** USDA - US Department of Agriculture	Effects of Cultural Practices & Cropping System on Xanthomas	7/1/02 - 6/30/05	02391001 12779	\$146,611

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**Inter-departmental Project

Proposals Submitted - 6

Agricultural Sciences - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount	
Schwartz,Howard F Bartolo,Michael E Franc,Gary D Ishimaru,Carol A Khosla,Raj Mcdonald,Sandra K	Primary PI Collaborator Collaborator Collaborator Collaborator Collaborator	Bioagriculturl Sci & Pest Mgmt ** USDA - US Department of Agriculture	Integrated Management of Xanthomonas Leaf Blight of Onion	7/1/02 - 6/30/05	02420701 13202	\$515,741
Schwartz,Howard F Gent,David H	Primary PI Collaborator	Bioagriculturl Sci & Pest Mgmt Organic Farming Research Foundation	Integration of Cultural Practices & Biological Control Agents on Onion	7/1/02 - 12/31/05	02399101 12888	\$33,409
Zimdahl,Robert L Speer,R Lee	Primary PI Co-PI	Bioagriculturl Sci & Pest Mgmt ** USDA-CSREES-Coop State Rsrch Edu & Ext	Case Studies in Agricultural Ethics	9/1/02 - 12/31/03	02416601 12986	\$26,583
Zimdahl,Robert L Day,Richard Williams,Ronald G	Primary PI Collaborator Collaborator	Bioagriculturl Sci & Pest Mgmt ** Colorado Endowment for the Humanities	Visions of Agriculture	9/1/02 - 11/1/02	02432201 13323	\$4,940
Zimmerman,Rick J	Primary PI	Bioagriculturl Sci & Pest Mgmt EPA - Environmental Protection Agency	Evaluation of Two Methods of Thermal Weed Control in Fruit Tree Orchards	6/1/02 - 9/1/02	02462401 13716	\$21,138
Zimmerman,Rick J	Primary PI	Bioagriculturl Sci & Pest Mgmt EPA - Environmental Protection Agency	Impact of Flowering Woody Hedgerows on Natural Enemy & Injurious Arthropod Populations in Tree Fruit Orchards	3/1/03 - 12/31/05	02463901 13834	\$37,692
Caspari,Horst W Larsen,Harold J	Primary PI Co-PI	Horticulture & Landscape Arch EPA - Environmental Protection Agency	Application of Crop Modeling for Sustainable Grape Production	5/1/02 - 9/30/04	02448001 13556	\$25,804
Larsen,Harold J	Primary PI	Horticulture & Landscape Arch USDA-CSREES-Coop State Rsrch Edu & Ext	Utilization of Orchard Ecosystem Biology & Host Plant Resistance for Managing Soilborne Diseases of Apple	6/1/02 - 5/31/05	02383701 12686	\$8,000
Qian,Yaling Cardon,Grant E Davis,Jessica G Koski,Anthony J	Primary PI Co-PI Co-PI Co-PI	Horticulture & Landscape Arch ** USDA - US Department of Agriculture	Amending Disturbed Urban Soil with Composted Manure to Reduce Turf Water Requirements & Protect Water Quality	5/1/02 - 5/1/05	02380701 12643	\$262,452

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**Inter-departmental Project

Proposals Submitted - 7

Agricultural Sciences - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount	
Qian, Yaling Parton, William J	Primary PI Co-PI	Horticulture & Landscape Arch ** NSF - National Science Foundation	Carbon Sequestration & Greenhouse Gas Emissions in Urban & Suburban Turfgrass Lands	9/1/02 - 8/30/07	02421501 13205	\$914,974
Stushnoff, Cecil	Primary PI	Horticulture & Landscape Arch Nat'l Cattlemen's Beef Association	Pre-Clinical Evaluation of Beef & Plant Food Combinations on the Induction of Oxidative DNA Damage . . .	5/1/02 - 4/30/04	02389701 12774	\$93,980
Thompson, Henry J	Primary PI	Horticulture & Landscape Arch DOD - US Department of Defense	Antioxidants & Markers of Oxidative Damage	1/1/03 - 12/31/06	02471701 13865	\$435,000
Thompson, Henry J	Primary PI	Horticulture & Landscape Arch DOD - US Department of Defense	Development of New Therapeutic Approaches for the Prevention of Tamoxifen Resistant Breast Cancer	1/1/03 - 12/31/06	02471401 13824	\$434,868
Thompson, Henry J	Primary PI	Horticulture & Landscape Arch DOD - US Department of Defense	Effects of Physical Activity on Growth Factors & Hormones in Women at Risk for Breast Cancer	1/1/03 - 12/31/06	02471301 13838	\$435,000
Thompson, Henry J	Primary PI	Horticulture & Landscape Arch DOD - US Department of Defense	Exercise & Breast Cancer Prevention	1/1/03 - 12/31/06	02469701 13837	\$435,000
Thompson, Henry J	Primary PI	Horticulture & Landscape Arch HHS-NIH-National Institutes of Health	Exercise, Breast Cancer Prevention & Mechanisms	4/1/03 - 3/31/07	02466801 13706	\$1,450,000
Vivanco, Jorge M	Primary PI	Horticulture & Landscape Arch Herman Frasch Foundation	Chemical & Biochemical Studies on the Scope & Mechanism of Phytotoxicity of (-)-Catechin	7/1/02 - 6/30/07	02365701 12466	\$200,000
Vivanco, Jorge M	Primary PI	Horticulture & Landscape Arch DOD - US Department of Defense	Plant Root-directed Smart Drug Biosynthesis for Breast Cancer Research Program Cycle 2	1/1/03 - 6/30/04	02470501 13682	\$217,500
Vivanco, Jorge M Schweizer, Herbert P	Primary PI Co-PI	Horticulture & Landscape Arch ** Cystic Fibrosis Foundation	Rosmarinic Acid : A Potent anti-Pseudomonas aeruginosa Drug	10/1/01 - 9/30/03	02337101 12142	\$86,400
Vivanco, Jorge M	Primary PI	Horticulture & Landscape Arch HHS-NIH-NIAID-Allergy & Infect Diseases	Rosmarinic Acid: a Potential Pseudomonas Aeruginosa Drug	1/1/03 - 12/31/05	02466501 13684	\$145,000

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**Inter-departmental Project

Proposals Submitted - 8

Agricultural Sciences - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount
Vivanco,Jorge M	Primary PI	Horticulture & Landscape Arch DOS-AID-Agency for Inter. Development	Towards a Better Coffee: Signaling Transduction in Aluminum Toxicity & Pathogen Attack	7/1/02 - 02430501 6/29/06 13328	\$202,798
Wallner,Stephen J	Primary PI	Horticulture & Landscape Arch CCHE-Commission on Higher Education	Landscape Excellence in Changing Times	7/1/02 - 02412901 6/30/07 13050	\$1,031,000
Wallner,Stephen J Rewerts,Milan A Sommers,Lee E	Primary PI Collaborator Collaborator	Horticulture & Landscape Arch ** Colorado Department of Agriculture	Colorado Specialty Crops Program	1/1/02 - 02384001 12/31/06 12689	\$1,500,000
Barbarick,Kenneth A	Primary PI	Soil & Crop Sciences City of Littleton	Land Application of Sewage Biosolids	1/1/03 - 02460401 12/31/03 13664	\$75,855
Berrada,Abdelfettah Hooten,Thomas M	Primary PI Co-PI	Soil & Crop Sciences USDA-ARS-Agricultural Research Service	Evaluation of the Chickpea Core Collection for Drought Tolerance	4/1/02 - 02364601 12/31/03 12456	\$12,610
Davis,Jessica G Schutter,Mary E	Primary PI Co-PI	Soil & Crop Sciences State University of New York	Environmental Fate & Ecotoxicological Impacts of Antibiotics from Land Application of Livestock Manure	1/1/03 - 02431101 12/31/05 13319	\$259,806
Davis,Jessica G Card,Adrian . Hine,Susan E Lamm,W Dennis Thilmany,Dawn D	Primary PI Co-PI Co-PI Co-PI Co-PI	Soil & Crop Sciences ** USDA - US Department of Agriculture	Establishing Dialogue Between Alternative Agriculture Producers & the Land-Grant University in Colorado	10/1/02 - 02369401 9/30/04 12491	\$60,000
Davis,Jessica G Qian,Yaling	Primary PI Co-PI	Soil & Crop Sciences ** EPA - Environmental Protection Agency	Transporting Composted Manure from Feedlots to Urban Turfgrass to Improve Water Quality	5/1/02 - 02386801 4/30/04 12674	\$99,918
Davis,Jessica G Hine,Susan E Qian,Yaling	Primary PI Co-PI Co-PI	Soil & Crop Sciences ** USDA - US Department of Agriculture	Transporting Composted Manure from Feedlots to Urban Turfgrass to Improve Water Quality in the South Platte Basin	10/1/02 - 02432701 9/30/06 13321	\$519,196

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**Inter-departmental Project

Proposals Submitted - 9

Agricultural Sciences - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount	
Haley,Scott D Yu,Liangli	Primary PI Co-PI	Soil & Crop Sciences ** BASF Corporation	Clearfield Winter Wheat Cultivar Development for Colorado & the Central Great Plains	7/1/01 - 6/30/02	02328201 11340	\$20,590
Ippolito,James Barbarick,Kenneth A	Primary PI Co-PI	Soil & Crop Sciences US Department of Education	Creation of Interactive Computer Learning Modules for Soil Science Education	8/1/02 - 7/1/05	02460601 13747	\$124,398
Ippolito,James Barbarick,Kenneth A	Primary PI Co-PI	Soil & Crop Sciences USDA-CSREES-Coop State Rsrch Edu & Ext	Creation of Interactive Computer Learning Modules for Soil Science Education	9/1/02 - 9/1/05	02410701 13017	\$121,731
Ippolito,James Barbarick,Kenneth A	Primary PI Co-PI	Soil & Crop Sciences NSF - National Science Foundation	Web-based Interactive Learning Modules for Introductory Soil Science Laboratory Education Enhancement	1/2/03 - 12/31/05	02456401 13621	\$73,275
Kelly,Eugene F Antolin,Michael F Burke,Ingrid C Lauenroth,William K Morgan,Jack A Stafford,Susan G	Primary PI Co-PI Co-PI Co-PI Co-PI Co-PI	Soil & Crop Sciences ** NSF - National Science Foundation	Long Term Ecological Research: Shortgrass Steppe	11/1/02 - 10/31/08	02408601 12653	\$4,680,000
Kelly,Eugene F	Primary PI	Soil & Crop Sciences DOI-BLM-Bureau of Land Management	Utilization of Remote Sensing Technologies: California Desert Predictive Modeling Project	1/1/02 - 1/1/03	02329301 12076	\$57,370
Lapitan,Nora	Primary PI	Soil & Crop Sciences University of Minnesota	An Integrated Genetic, Physical & Cytological Map of the Gene-rich Regions of the Barley Genome	10/1/02 - 9/30/07	02397101 12871	\$745,185
Schutter,Mary E Paschke,Mark W Redente,Edward F	Primary PI Co-PI Co-PI	Soil & Crop Sciences ** EPA - Environmental Protection Agency	Above & Belowground Community Responses to Rangeland Biosolids Applications	6/1/02 - 12/31/03	02454501 13469	\$84,852
Agricultural Sciences Total:					\$21,838,470	

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**Inter-departmental Project

Proposals Submitted - 10

Applied Human Sciences - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount
Asmus, Cheryl L Bell, Paul A Loomis, John B	Primary PI Co-PI Co-PI	Dean Of Applied Human Sciences ** EPA - Environmental Protection Agency	Combining Psychological & Economic Methods to Improve Understanding of Factors Determining Adults' Valuation of...	7/1/02 - 02454401 6/30/05 13359	\$399,538
Asmus, Cheryl L Elias, Steven M	Primary PI Co-PI	Dean Of Applied Human Sciences ** Womens Foundation of Colorado	Measuring Girls' Life Skills Programs: Self-Efficacy & Locus of Control	8/1/02 - 02444001 7/1/04 13177	\$138,793
Bell, Paul A Barber, Clifton E	Primary PI Collaborator	Dean Of Applied Human Sciences ** HHS-ADA-Administration on Aging	Establishing Elder Care Networks & Training Savvy Caregivers in Rural Areas	1/1/02 - 02335901 12/31/04 12010	\$448,816
Thayer, Marilyn L	Primary PI	Dean Of Applied Human Sciences: US Dept Housing & Urban Development	Colorado State University Community Organizing to Reach Empowerment (CORE) Center	10/1/02 - 02477201 9/30/05 13914	\$398,912
Gotshall, Robert W Devoe, Dale E Nelson, Tracy L	Primary PI Collaborator Collaborator	Dept Of Health & Exercise Sci RGK Foundation	Pilot Study: Steps to Health Program	1/1/02 - 02346901 12/31/02 12275	\$44,429
Gotshall, Robert W Devoe, Dale E Nelson, Tracy L	Primary PI Collaborator Collaborator	Dept Of Health & Exercise Sci American Heart Association	Steps to Health Program	7/1/02 - 02412001 6/30/04 12818	\$103,460
Clemons, Stephanie Ann	Primary PI	Design And Merchandising Nuckolls Fund for Lighting Education Inc	Development of Lighting Design Course: Three Modules with Technology Integration	7/1/02 - 02428301 12/31/04 13278	\$20,000
Eckman, Molly	Primary PI	Design And Merchandising International Research & Exchange Board	Analysis of the Textile & Apparel Industry's Contributions to Economic Development in Turkey & Turkmenistan	9/1/02 - 02451701 6/1/03 13635	\$24,912
Sarkar, Ajoy Kumar	Primary PI	Design And Merchandising Herman Frasch Foundation	Biochemical Approaches for Processing Flax Fiber	7/1/02 - 02363201 6/30/07 12322	\$198,495
Adams, Elizabeth	Primary PI	Food Science & Human Nutrition ATPM-Assn of Teachers of Preventive Med	Evaluation of the Impact of the Colorado Nurse- Family Partnership Program on Breastfeeding	9/1/02 - 02469901 8/31/03 13786	\$72,258

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**Inter-departmental Project

Applied Human Sciences - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount	
Adams,Elizabeth	Primary PI	Food Science & Human Nutrition University of California at Davis	Impact &Determinants of Food Insecurity During Pregnancy Among WIC Participants	8/30/02 - 11/30/03	02469801 13810	\$39,857
Anderson,Jennifer E.L	Primary PI	Food Science & Human Nutrition USDA-FNS-Food & Nutrition Service	Alternative Strategies to Improve Food Stamp Program Access	10/1/02 - 9/30/04	02477901 13830	\$349,448
Anderson,Jennifer E.L	Primary PI	Food Science & Human Nutrition HHS-NIH-National Institutes of Health	Cardiovascular Risk Intervention for Preschoolers	1/1/03 - 12/31/07	02412301 12849	\$699,416
Anderson,Jennifer E.L	Primary PI	Food Science & Human Nutrition Colorado Department of Human Service	Colorado Nutrition Education Plan FY 2001- 2002	10/1/01 - 9/30/02	02328401 12077	\$2,172,620
Anderson,Jennifer E.L	Primary PI	Food Science & Human Nutrition Colorado Dept Public Health & Environ	Community Interventions for Colorado Minority Communities	10/1/02 - 6/30/03	02472401 13849	\$138,465
Avens,John S	Primary PI	Food Science & Human Nutrition USDA - US Department of Agriculture	Bacteria Reduction Intervention in Poultry Primary Processing as Affecting Bacteria in Ground Meat	4/1/02 - 4/1/03	02411001 12989	\$25,053
Barrett,Karen C	Primary PI	Human Dev & Family Studies NSF - National Science Foundation	Collaborative Research: Emotion Regulation during the Transition to Secondary School	1/20/02 - 1/19/05	02332401 11591	\$300,684
Biringen,Zeynep C Macphee,David L Rosen,Lee A	Primary PI Collaborator Collaborator	Human Dev & Family Studies HHS-NIH-National Institutes of Health	Mother-infant & Father-infant Relationships Following Divorce	12/1/02 - 11/30/07	02411601 13095	\$580,085
Fetsch,Robert J	Primary PI	Human Dev & Family Studies USDA - US Department of Agriculture	Colorado AgrAbility Project	4/1/02 - 3/31/06	02397901 12814	\$600,000
Fidler,Deborah	Primary PI	Human Dev & Family Studies University of Colorado Health Sci Ctr	Adaptive Digital Assistants: Using Mobile Computing Devices to Assist Individuals with Cognitive Disabilities	7/1/02 - 6/30/07	02331301 12055	\$703,535
Fidler,Deborah	Primary PI	Human Dev & Family Studies The Seattle Foundation	Etiology-Specific Motivational Styles in Mental Retardation	5/1/02 - 5/1/04	02363101 12178	\$2,500

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Proposals Submitted - 12

Applied Human Sciences - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount	
Fidler,Deborah	Primary PI	Human Dev & Family Studies National Down Syndrome Society	Visuo-spatial Processing Strengths & Weaknesses in Young Adults with Down Syndrome	1/1/02 - 12/31/04	02363601 12433	\$34,997
Fidler,Deborah	Primary PI	Human Dev & Family Studies Developmental Psychobiology Endow Fund	Exploring Differences in Emotional Expression in Individuals with Down Syndrome, Williams Syndrome, & Nonspecific . . .	1/1/02 - 5/1/02	02377301 12623	\$5,000
Peterson,Rick L Fetsch,Robert J	Primary PI Co-PI	Human Dev & Family Studies Wisconsin Primary Health Care Assoc.	Evaluation of the Seeds of Hope Project	3/31/02 - 8/15/02	02426701 13294	\$24,999
De Miranda,Michael	Primary PI	Mfg Tech & Constr Mgmt Ohio State University	Technology Teacher Inservice	4/1/02 - 3/31/06	02352201 12237	\$373,637
Koziol,Christopher J	Primary PI	Mfg Tech & Constr Mgmt Colo Dept Higher Educ-Historical Society	Architectural Preservation Institute - Phase 5	9/1/02 - 8/31/03	02439701 13450	\$96,492
Davies,Patricia	Primary PI	Occupational Therapy Wallace Research Foundation	Brain Mechanisms Underlying Sensory Modulation Dysfunction	1/1/02 - 12/31/02	02387701 12660	\$50,000
Sample,Pat L Stallones,Lorann	Primary PI Collaborator	Occupational Therapy ** HHS-CDC-Centers for Disease Control	Community Action for Migrant Child Injury Prevention	9/30/02 - 9/29/05	02451101 13572	\$244,087
Sample,Pat L	Primary PI	Occupational Therapy Colorado Dept Public Health & Environ	Traumatic Brain Injury Linkage System Feasibility Study Dissemination	9/1/01 - 8/31/02	02326101 11997	\$70,999
Schelly,Catherine L Kothe,Julia M	Primary PI Co-PI	Occupational Therapy US Department of Education	Job Opportunities Build Success	1/1/02 - 12/31/06	02328101 11841	\$1,205,468
Schelly,Catherine L Kothe,Julia M	Primary PI Co-PI	Occupational Therapy US Department of Education	The JOBS Project: Job Opportunities Build Success	10/1/02 - 9/30/04	02462601 13586	\$510,565
Cooner,Donna Tochterman,Suzanne M	Primary PI Co-PI	School Of Education Wallace-Readers Digest Funds	Ventures in Leadership	1/1/02 - 12/31/03	02373501 12523	\$45,942

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**Inter-departmental Project

Proposals Submitted - 13

Applied Human Sciences - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount
Feller,Richard W	Primary PI	School Of Education CO Comm College & Occup Ed Sys (CCCOES)	Career Development State-Wide Training 8/17/01 - 5/16/02	02344601 11823	\$13,529
Ginsberg,Richard	Primary PI	School Of Education US Department of Education	Accomplished Teachers & Their Interactions with Parents: Strategies & Techniques of NBPTS-Certified Teachers 7/1/02 - 9/30/05	02431001 13209	\$250,535
Ginsberg,Richard	Primary PI	School Of Education US Department of Education	Equity Assistance Center Grant 7/1/02 - 6/30/05	02399801 12685	\$2,638,628
Gloeckner,Gene	Primary PI	School Of Education ** NSF - National Science Foundation	Hydro-Education Laboratory 6/1/02 - 5/31/06	02336401 12006	\$303,076
Lewis,Chance W Phillips,Benita F	Primary PI Co-PI	School Of Education ** NSF - Engineering Grant	A Planning Grant to Develop a Proposal Submitted to the National Science Foundation (NSF) Bridges for Engineering Ed. 1/1/03 - 12/31/03	02464001 13758	\$99,882
Timpson,William M Dunbar,Brian H	Primary PI Collaborator	School Of Education EPA - Environmental Protection Agency	Environmental Education 7/1/02 - 6/30/03	02379601 12575	\$24,999
Tochterman,Suzanne M Cooner,Donna	Primary PI Co-PI	School Of Education US Department of Education	Quality Schools for All: Preparing Principals for Leadership in Special Education 6/1/02 - 5/31/06	02404701 12584	\$794,250
Bubar,Roe Vernon,Irene Schatz,Mona Struhsaker Shears,Jeffrey Valdez,Norberto	Primary PI Co-PI Collaborator Collaborator Collaborator	Social Work ** DOJ-OJP-OVC-Office of Victims of Crime	Examining Prosecution in Child Sexual Abuse in Indian Country: A Case Study 1/1/02 - 9/30/02	02368101 12480	\$74,971
Granger,Ben P	Primary PI	Social Work CLASS Foundation	A Human-Animal Bond Project in an Alternative High School: The Human-Animal Intervention Team Model 8/1/02 - 7/31/03	02422601 13141	\$31,551
Granger,Ben P	Primary PI	Social Work John A. Hartford Foundation, Inc.	Geriatric Enrichment in Social Work Education 1/1/02 - 7/31/02	02380301 12593	\$30,000

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**Inter-departmental Project

Proposals Submitted - 14

Applied Human Sciences - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount
Schatz,Mona Struhsaker Downey,Eleanor P	Primary PI Co-PI	Social Work Colorado Department of Human Service	11/1/01 - 6/30/02	02338501 12153	\$89,995
Sheafor,Bradford Benjam	Primary PI	Social Work Dr. Scholl Foundation	1/1/03 - 12/31/03	02452301 13587	\$33,408
Shears,Jeffrey	Primary PI	Social Work University of Colorado	5/15/02 - 8/15/02	02465801 13723	\$14,208
Applied Human Sciences Total:					\$14,522,494

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**Inter-departmental Project

Business - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount	
Hayne,Stephen C Smith,Charles A.P	Primary PI Co-PI	Computer Information Systems DOD-NAVY-ONR-Office of Naval Research	Shared Information & Virtual Surfaces	2/1/02 - 9/30/04	02398601 12874	\$312,486
Smith,Charles A.P Clegg,Benjamin A Young,Peter	Primary PI Co-PI Co-PI	Computer Information Systems ** DOD-ARPA-Advanced Research Proj. Agency	Multi-Modal Support for Augmented Cognition	10/1/01 - 12/31/02	02352601 12206	\$442,067
Menon,Ajay	Primary PI	Dean Of Business CCHE-Commission on Higher Education	CCHE Program of Excellence-MBA Program	8/1/02 - 5/31/06	02412801 13048	\$595,885
Francis,G James	Primary PI	Inst For Transportation Mgt Colorado Department of Transportation	2002 Adult & Juvenile Seatbelt Usage Studies	4/15/02 - 9/30/02	02441701 13462	\$113,002
Kelly,Kathleen J Edwards,Ruth W	Primary PI Co-PI	Marketing ** University of Colorado	Preventing Tobacco Use in Rural Towns: Community-Based Media	7/1/02 - 6/30/05	02392201 12615	\$732,473
Business Total:					\$2,195,913	

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**Inter-departmental Project

Engineering - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount	
Cifelli,Robert C Doesken,Nolan J Rutledge,Steven A	Primary PI Co-PI Co-PI	Atmospheric Science NSF - National Science Foundation	Bringing CoCoRaHS to the Central Great Plains: An Informal Science Education Project for Rural Communities	1/1/03 - 12/31/05	02464101 13233	\$897,340
Cifelli,Robert C Doesken,Nolan J Rutledge,Steven A	Primary PI Co-PI Co-PI	Atmospheric Science ** NSF - National Science Foundation	CoCoRaHS-Science Education through Participation in Community-based Research	1/1/03 - 12/31/05	02426501 13233	\$898,834
Cifelli,Robert C Doesken,Nolan J Rutledge,Steven A Kennedy,Patrick C Petersen,Walter A	Primary PI Co-PI Co-PI Collaborator Collaborator	Atmospheric Science DOC-NOAA-Natl Oceanic & Atmospheric Admn	Improving Quantitative Precipitation Estimation Through Combined Use of Dual-Polarimetric Radar & a High Density ...	6/1/02 - 5/31/04	02432301 12942	\$74,517
Collett,Jeffrey L. Jr Herckes,Pierre E.H	Primary PI Co-PI	Atmospheric Science DOD-DTRA-Defense Threat Reduction Agency	Biological Agents in Fogs & Clouds	11/1/02 - 10/31/04	02469001 13826	\$652,606
Collett,Jeffrey L. Jr Herckes,Pierre E.H	Primary PI Co-PI	Atmospheric Science California, State Air Resources Board	Examination of the Influence of California Regional Particulate Air Quality Study Fog Episodes on Aerosol . . .	5/1/02 - 8/31/03	02389601 12737	\$56,902
Collett,Jeffrey L. Jr Herckes,Pierre E.H	Primary PI Co-PI	Atmospheric Science NSF - National Science Foundation	Investigation of the Organic Composition of Fogs & Clouds	8/1/02 - 7/31/06	02425001 13194	\$608,223
Collett,Jeffrey L. Jr	Primary PI	Atmospheric Science Aerosol Dynamics Inc.	On-line Determination of Organic Compounds in Atmospheric Aerosols by Direct Impaction Capillary Electrophoresis	8/1/02 - 4/3/03	02398801 12876	\$32,558
Collett,Jeffrey L. Jr	Primary PI	Atmospheric Science Land and Water Fund of the Rockies	Land and Water Fund of the Rockies	7/1/02 - 6/30/03	02457701 13574	\$15,000
Cotton,William A	Primary PI	Atmospheric Science NSF - National Science Foundation	Development of Parameterizations of Aerosol/ Boundary Layer Cloud Interactions & Assessment of Their Potential . .	6/1/02 - 5/31/05	02403201 12944	\$477,797

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**Inter-departmental Project

Proposals Submitted - 17

Engineering - Proposals

Investigators/Collaborators		Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount
Cotton, William R	Primary PI	Atmospheric Science NASA - Natl Aeronautics & Space Admin.	Cumulonimbus/Cirrus Interactions in the Subtropics	10/1/01 - 9/30/03	02319201 11670	\$747,106
Cotton, William R Vukicevic, Tomislava	Primary PI Co-PI	Atmospheric Science * [‡] DOE - US Department of Energy	Implementation, Testing & Retrieval of Cloud Microphysics & Radiative Properties Using the Adjoint of a PDF-based..	11/1/02 - 10/31/05	02443501 13289	\$530,515
Cotton, William R	Primary PI	Atmospheric Science NASA - Natl Aeronautics & Space Admin.	Indirect Effects of Aerosol Intrusions into the Arctic Basin on Seasonal Evolution of the Arctic Ice	5/1/02 - 4/30/05	02382801 12655	\$675,721
Demott, Paul J Kreidenweis-Dandy, Soni	Primary PI Co-PI	Atmospheric Science NASA - Natl Aeronautics & Space Admin.	Upper Tropospheric Ice Nuclei Measurements in CRYSTAL-FACE	9/1/01 - 8/31/03	02327001 11871	\$287,801
Denning, A Scott	Primary PI	Atmospheric Science Pennsylvania State University	A Regional Net Carbon Dioxide Flux Demonstration Experiment	7/1/02 - 6/30/04	02370801 12557	\$102,164
Denning, A Scott Suits, Neil S	Primary PI Co-PI	Atmospheric Science University of Wyoming	Deconvolution of C3/C4 Land Use Change Contributions to Regional Carbon Budgets in Southern	1/1/03 - 12/31/05	02440801 13285	\$170,508
Denning, A Scott Suits, Neil S	Primary PI Co-PI	Atmospheric Science NSF - National Science Foundation	Forward & Inverse Modeling of Carbon Dioxide & 13 Carbon Dioxide in the National Center for Atmospheric Research . . .	9/1/02 - 8/30/05	02426401 13215	\$442,962
Denning, A Scott	Primary PI	Atmospheric Science DOE - US Department of Energy	Regional Ecosystem-atmosphere CO2 Exchange via Atmospheric Budgets	9/1/02 - 8/31/05	03478701 13801	\$353,077
Denning, A Scott	Primary PI	Atmospheric Science NASA - Natl Aeronautics & Space Admin.	Spatial Integration of Regional Carbon Balance in Amazonia	1/1/03 - 12/31/05	02427701 13214	\$900,438
Denning, A Scott	Primary PI	Atmospheric Science NASA - Natl Aeronautics & Space Admin.	Spatial Integration of Regional Carbon Balance in Amazonia	1/1/01 - 12/31/01	02340301 11489	\$39,208
Denning, A Scott	Primary PI	Atmospheric Science NASA - Natl Aeronautics & Space Admin.	Mapping Global Aerodynamic Roughness Length of Land Surface at 1 km Scale	5/1/02 - 4/30/03	02462301 13581	\$40,000

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**Inter-departmental Project

Proposals Submitted - 18

Engineering - Proposals

Investigators/Collaborators		Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount
Gray,William M	Primary PI	Atmospheric Science NSF - National Science Foundation	Investigation of Hurricane Convection & Intensity Change	6/1/02 - 5/31/04	02455501 13607	\$205,717
Kummerow,Christian D	Primary PI	Atmospheric Science NASA - Natl Aeronautics & Space Admin.	Fellowships for Graduate Students as Part of the Center for Earth Atmosphere Studies (CEAS)	7/1/02 - 9/30/06	02425201 12982	\$600,000
Kummerow,Christian D	Primary PI	Atmospheric Science NASA - Natl Aeronautics & Space Admin.	Rainfall & Convective Rain System Structure Deduced from AMSR Observations	4/1/02 - 3/31/05	02433301 13320	\$630,000
Kummerow,Christian D Berg,Wesley K	Primary PI Co-PI	Atmospheric Science NSF - National Science Foundation	Rainfall Variability: Models vs. Observations	8/1/02 - 7/31/05	02418801 13090	\$391,048
Kummerow,Christian D	Primary PI	Atmospheric Science NASA - Natl Aeronautics & Space Admin.	Risk Mitigation Studies for Evolving Data & Information Systems Related to Rainfall Missions	3/1/02 - 2/28/05	02411901 12641	\$800,000
Montgomery,Michael T Nolan,David S	Primary PI Co-PI	Atmospheric Science NSF - National Science Foundation	Fully Three-dimensional Stability Analyses & Evolution of Hurricanes & Tornadoes with Secondary Circulations	1/1/02 - 12/31/02	02330901 11892	\$504,602
Montgomery,Michael T	Primary PI	Atmospheric Science DOD-NAVY-ONR-Office of Naval Research	Fundamental Studies in Tropical Cyclone Structure & Intensity Change	1/1/02 - 12/31/04	02352401 12131	\$897,269
Montgomery,Michael T Kirby,Michael J	Primary PI Co-PI	Atmospheric Science ** NSF - National Science Foundation	Pattern Theoretical Techniques for the Analysis of Hurricane Intensity	8/15/02 - 8/14/05	02422901 13212	\$964,423
Pielke,Roger A	Primary PI	Atmospheric Science NSF - National Science Foundation	Collaborative Research: Direct & Indirect Effects of Aerosols on Terrestrial Carbon Cycle	1/1/03 - 12/31/05	02426901 13267	\$285,805
Pielke,Roger A	Primary PI	Atmospheric Science US Department of Commerce	Influence of Land Use Change & Vegetation Phenology on Summer Temperatures Historical Climate Network (HCN)	5/1/02 - 4/30/03	02427401 13178	\$50,000
Pielke,Roger A	Primary PI	Atmospheric Science NASA - Natl Aeronautics & Space Admin.	Sensitivity of the Arctic Climate System to Changes in Shrub Stature & Distribution	9/1/02 - 8/31/03	02428401 13279	\$24,000

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**Inter-departmental Project

Engineering - Proposals

Investigators/Collaborators		Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount
Pielke,Roger A Liston,Glen E	Primary PI Co-PI	Atmospheric Science NSF - National Science Foundation	Simulating Arctic Climate-Ecosystem Interactions Using a Nested Suite of Atmospheric, Hydrologic, & Ecological Models	6/1/02 - 5/31/06	02368901 11697	\$870,705
Pielke,Roger A	Primary PI	Atmospheric Science NSF - National Science Foundation	Simulating Arctic Climate-Ecosystem Interactions Using a Nested Suite of Atmospheric, Hydrologic, & Ecological Models	9/1/02 - 8/31/06	02415001 13144	\$870,705
Pielke,Roger A	Primary PI	Atmospheric Science NASA - Natl Aeronautics & Space Admin.	The Reponses of the North American Monsoon to Boundary & Regional Forcing Mechanisms as Simulated by ClimRAMS	9/1/02 - 8/31/03	02470301 13771	\$24,000
Pielke,Roger A	Primary PI	Atmospheric Science DOI-USGS-Geological Survey	The Use of Mesoscale Climate Models to Assess Air Quality	7/1/02 - 6/30/03	02458501 13699	\$43,000
Pielke,Roger A Liston,Glen E	Primary PI Co-PI	Atmospheric Science NSF-Polar Programs	Winter Precipitation, Sublimation, & Snow-Depth in the Pan-Arctic: Critical Processes & a Half Century of Change	1/1/03 - 12/31/08	02465301 13776	\$1,947,180
Randall,David A Haertel,Patrick T	Primary PI Co-PI	Atmospheric Science ** NSF - National Science Foundation	Developing a Slippery Sack Ocean Model	6/30/02 - 5/31/05	02413801 13155	\$490,010
Randall,David A Demott,Charlotte A	Primary PI Co-PI	Atmospheric Science ** NSF - National Science Foundation	The MJO in Nature & in GCMs: An Analysis of Factors Relevant to Its Initiation, Maintenance, & Suppression	10/1/01 - 9/30/04	02323301 11894	\$518,287
Randall,David A Demott,Charlotte A Khairoutdinov,Marat F	Primary PI Co-PI Co-PI	Atmospheric Science ** NSF - National Science Foundation	The MJO in Nature & in General Circulation Models: An Analysis of Factors Relevant to Its Initiation, Maintenance, & . .	9/1/02 - 10/31/05	02435301 13353	\$573,887
Randall,David A Eitzen,Zachary A	Primary PI Collaborator	Atmospheric Science ** NASA - Natl Aeronautics & Space Admin.	Comparison of Cloud Resolving Model Simulations to Remote Sensing Data	12/1/01 - 11/30/03	02370701 12541	\$171,887
Schubert,Wayne H	Primary PI	Atmospheric Science NASA - Natl Aeronautics & Space Admin.	Fully Stratified Dynamics of Asymmetric Hurricane Eyewall Processes: Intensification	9/1/02 - 8/31/03	02426101 13218	\$24,000

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**Inter-departmental Project

Engineering - Proposals

Investigators/Collaborators		Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount
Schubert,Wayne H Kossin,James P	Primary PI Co-PI	Atmospheric Science DOD-NAVY-ONR-Office of Naval Research	Rapid Pressure Falls, Mesovortices, Polygonal Flow, & Potential Vorticity Mixing in Hurricanes	9/1/01 - 8/31/04	02323101 11923	\$290,117
Stephens,Graeme L Cooper,Steven J	Primary PI Collaborator	Atmospheric Science NASA - Natl Aeronautics & Space Admin.	Determination of the Role of Tropical Thin Cirrus Clouds in Climate Feedback through an Improved Cirrus Climatology	9/1/02 - 8/30/05	02431801 13317	\$72,000
Stephens,Graeme L Pielke,Roger A Krumm,Debra K Wittmeyer,Ian L	Primary PI Co-PI Collaborator Collaborator	Atmospheric Science NSF - National Science Foundation	On the Maintenance of the GLOBE Atmosphere Investigation Protocols & Application of These Protocols in the . . .	8/1/02 - 1/31/06	02424401 13193	\$837,562
Stephens,Graeme L Gabriel,Philip Mitri	Primary PI Co-PI	Atmospheric Science DOE - US Department of Energy	Refinement, Validation & Application of Cloud- Radiation Parameterization in a GCM	12/1/02 - 11/30/05	02447601 13347	\$505,171
Stephens,Graeme L Haynes,John M	Primary PI Collaborator	Atmospheric Science NASA - Natl Aeronautics & Space Admin.	Relation between Microphysical & Radiative Properties of Tropical Cirrus & the Supporting Dynamics	9/1/02 - 8/30/05	02431901 13318	\$72,000
Stephens,Graeme L	Primary PI	Atmospheric Science NASA - Natl Aeronautics & Space Admin.	Toward Understanding Lifecycle of Tropical Cirrus	10/1/01 - 9/30/03	02319301 11878	\$287,899
Thompson,David	Primary PI	Atmospheric Science NSF - National Science Foundation	CAREER Analysis of Annular Modes in the Atmospheric General Circulation	10/1/01 - 9/30/06	02331101 11891	\$999,119
Belfiore,Laurence A	Primary PI	Chemical & Biores Engineering NSF - National Science Foundation	Macromolecule-Metal Complexes	11/1/02 - 10/31/06	02465001 12973	\$412,000
Belfiore,Laurence A	Primary PI	Chemical & Biores Engineering DOD - US Department of Defense	Macromolecule-Metal Complexes via Transition Metal Coordination	4/1/02 - 10/1/02	02383801 12662	\$30,000
Belfiore,Laurence A	Primary PI	Chemical & Biores Engineering DOD-ARMY-ARO-Army Research Office	Self-assembled Nanoclusters in Water-Soluble Polymeric Complexes	5/1/02 - 4/30/05	02357101 12334	\$445,645

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**Inter-departmental Project

Engineering - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount	
Belfiore,Laurence A	Primary PI	Chemical & Biores Engineering Petroleum Research Fund	Supramolecular Assembly in Macromolecule-Metal Complexes: Synergistic Thermophysical Property Modifications via . . .	6/1/02 - 8/31/05	02390301 12743	\$120,000
Belfiore,Laurence A	Primary PI	Chemical & Biores Engineering NASA - Natl Aeronautics & Space Admin.	Supramolecular Assembly in Macromolecule-Metal Complexes: Synergistic Thermophysical Property Modifications via . . .	6/1/02 - 5/31/05	02378701 12578	\$389,305
Bhadra,Rajiv Ramsdell,Howard S	Primary PI Collaborator	Chemical & Biores Engineering ** USDA - US Department of Agriculture	Determining the Fate & Metabolism of Agricultural Antibiotics & the Potential for Managed Vegetative Disposal of . . .	9/1/02 - 8/31/05	02381101 12647	\$234,500
Bhadra,Rajiv	Primary PI	Chemical & Biores Engineering USDA - US Department of Agriculture	Determining the Metal Biosorption Characteristics of Biomass Residues from Lignocellulose-Base	9/1/02 - 8/31/05	02391101 12766	\$194,385
Bhadra,Rajiv Belfiore,Laurence A	Primary PI Co-PI	Chemical & Biores Engineering DOD - US Department of Defense	In Situ Bioavailability Reduction of Metal Contaminants in Soils by Complexation with Water-Soluble Polymers	10/1/02 - 9/30/05	02398701 12892	\$566,230
Dandy,David S Grainger,David W Lear,Kevin Reardon,Kenneth F Van Orden,Alan K Wilmsen,Carl W	Primary PI Co-PI Co-PI Co-PI Co-PI Collaborator	Chemical & Biores Engineering ** NSF - National Science Foundation	A Nano-Waveguide System for Detection of Multianalytes through Binding to Nanoarrays	5/1/02 - 4/30/06	02391601 12786	\$1,965,399
Dandy,David S	Primary PI	Chemical & Biores Engineering University of Wisconsin	Fundamental Studies of Atmospheric-Pressure Plasma-Enhanced Decontamination & Disinfection of Water	11/1/01 - 10/31/03	02341301 12146	\$100,476
Dandy,David S Grainger,David W Lear,Kevin Reardon,Kenneth F Van Orden,Alan K Wilmsen,Carl W	Primary PI Co-PI Co-PI Co-PI Co-PI Collaborator	Chemical & Biores Engineering ** HHS-NIH-Center for Scientific Review	Multianalyte Physiological Optical Waveguide Sensing	10/1/02 - 9/30/06	02448201 13550	\$2,352,065

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**Inter-departmental Project

Engineering - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount	
Gallagher, Neal C	Primary PI	Chemical & Biores Engineering Texas A & M	Determination of Transport Parameters in Coupled Heat & Moisture Transport in Soils Using Nuclear Magnetic Resonance	9/1/01 - 11/30/03	02341601 12107	\$110,040
Karim, M Nazmul Hanneman, William H Reardon, Kenneth F	Primary PI Co-PI Co-PI	Chemical & Biores Engineering ** NSF - National Science Foundation	Metabolic & Genetic Control of Gene Expression on the Genomic & Proteomic Level for Metabolically Engineered Zymomonas..	8/15/02 - 8/14/05	02433501 13272	\$999,235
Karim, M Nazmul	Primary PI	Chemical & Biores Engineering American Chemical Society	Robust Control of Variable Time Delay Processes Using Multiple Neural Networks	9/1/02 - 8/31/05	02408901 12906	\$120,000
Linden, James C Barisas, B George Vivanco, Jorge M	Primary PI Co-PI Co-PI	Chemical & Biores Engineering ** DOE - US Department of Energy	Ethylene Induction of Plant Root Protein Secretion	12/12/02 - 12/11/05	02470101 12807	\$627,011
Linden, James C Reddy, Anireddy S N	Primary PI Co-PI	Chemical & Biores Engineering ** NSF - National Science Foundation	Plant Secondary Metabolite Formation Regulated by Ethylene & Methyl Jasmonate	2/2/02 - 2/1/05	02324201 11909	\$398,569
Murphy, Vincent G Batt, Brian C Bhadra, Rajiv Henk, Linda L Karim, M Nazmul Linden, James C Rinker, Kristina D Wickramasinghe, Ranil	Primary PI Co-PI Co-PI Co-PI Co-PI Co-PI Co-PI Co-PI	Chemical & Biores Engineering NSF - National Science Foundation	REU - Chemical Engineering Using the Colorado Bioprocessing Center	2/1/02 - 1/31/05	02355401 12345	\$221,065
Rinker, Kristina D	Primary PI	Chemical & Biores Engineering Searle Scholars Program	Endothelial Cell Physiology in Atherosclerosis & Hypertension	7/2/02 - 6/30/05	02360701 12403	\$240,000
Sale, Thomas C	Primary PI	Chemical & Biores Engineering DOD-USAF-Air Force	Technical Protocol for Evaluating the Effects of Source Zone Remediation on Groundwater Quality & Source Longevity	1/1/01 - 1/1/04	02358701 12366	\$256,346
Watson, A Ted	Primary PI	Chemical & Biores Engineering Whitaker Foundation	Graduate Education in Biomedical Engineering at Colorado State University	12/1/02 - 11/30/05	02432001 13343	\$996,000

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**Inter-departmental Project

Engineering - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount	
Watson,A Ted	Primary PI	Chemical & Biores Engineering Texas A & M	Nuclear Magnetic Resonance Characterization of Heterogeneous Porous Media	10/6/01 - 5/2/02	02360101 12241	\$293,550
Wickramasinghe,Ranil	Primary PI	Chemical & Biores Engineering **	Acquisition of Equipment for Multi-	8/1/02 -	02408301	\$177,906
Bhadra,Rajiv	Co-PI	NSF - National Science Foundation	Disciplinary Research in Bio/Environmental	7/31/03	12872	
Carlson,Jonathan O	Collaborator		Engineering			
Carlson,Kenneth H	Collaborator					
Grainger,David W	Collaborator					
James,Susan P	Collaborator					
Linden,James C	Collaborator					
Pilon,Marinus	Collaborator					
Pluhar,G. Elizabeth	Collaborator					
Ramsdell,Howard S	Collaborator					
Wheeler,Donna	Collaborator					
Wickramasinghe,Ranil	Primary PI	Chemical & Biores Engineering DOI-Bureau of Reclamation	Membranes for Water Treatment	8/1/02 - 8/30/03	02453901 13425	\$99,938
Campbell,G. Garrett	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	International Satellite Cloud Climatology Project GOES-West Sector Processing Center	1/1/02 - 12/30/04	02341501 12212	\$567,620
Collett,Jeffrey L. Jr	Primary PI	CIRA	Field Investigation of Smoke Plumes: Aerosol	8/1/01 -	02336001	\$250,000
Kreidenweis-Dandy,Soni	Co-PI	DOI-NPS-National Park Service	Characterization & Testing of IMPROVE Assumptions	7/31/02	12156	
Connell,Bernadette H	Primary PI	CIRA University of Alabama	CIRA Contribution to the MSFC Lightning Mapper Project	1/1/04 - 12/31/06	02390401 12747	\$250,700
Connell,Bernadette H	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Collaborative Satellite Meteorological Research with the Regional Meteorological Training Center	7/1/02 - 6/30/03	02463501 13728	\$30,000
Connell,Bernadette H	Primary PI	CIRA NASA - Natl Aeronautics & Space Admin.	Investigations of Surface & Atmospheric Features Using Hyperspectral Imagery	7/1/02 - 6/30/05	02401701 12918	\$275,000

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Investigators/Collaborators		Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount
Denning,A Scott	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Atmospheric Tracer Transport Inversion Intercomparison (TransCom 3)	9/1/02 - 8/31/05	02474501 13449	\$95,604
Deo,Shripad D	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Applied Research in Support of Implementation of National Weather Services	1/1/02 - 12/31/02	02405501 12867	\$60,000
Fox,Douglas G	Primary PI	CIRA DOI-NPS-National Park Service	Fire Effects on Regional Air Quality Including Visibility	10/1/01 - 9/30/03	02336301 12166	\$176,362
Greenwald,Thomas J	Primary PI	CIRA DOD-USAF-Air Force	Radiative Transfer Methods for Assimilating Satellite Radiances into Mesoscale Forecast Models under All Weather..	5/1/02 - 4/30/04	02421801 13186	\$147,704
Jones,Andrew S	Primary PI	CIRA	Harnessing the Spare Computing Power of Desktop PCs for Improved Satellite Data Processing & Technology Transition	12/1/01 - 10/1/02	02342101 12209	\$29,700
Kidder,Stanley Q	Co-PI	DOC-NOAA-Natl Oceanic & Atmospheric Admn				
Kidder,Stanley Q	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Technological Transfer & Validation of the CIRA Scheme for the Tropical Rainfall Potential (TRaP) Technique	3/1/02 - 2/28/03	02416001 13093	\$20,000
Knaff,John A	Primary PI	CIRA Insurance Friends of the National Hurric	Development of Tropical Cyclone Wind Speed Probabilities	7/1/02 - 12/31/03	02434201 13312	\$20,000
Knaff,John A	Primary PI	CIRA Insurance Friends of the National Hurric	Implementation of Operational Ensemble Intensity Forecasts	1/1/02 - 12/31/02	02377201 12614	\$20,000
Kummerow,Christian D	Primary PI	CIRA	Variability & Trends in Global Precipitation	5/1/02 -	02341401	\$136,147
Berg,Wesley K	Co-PI	DOC-NOAA-Natl Oceanic & Atmospheric Admn		4/30/05	12159	
Matsumoto,Clifford R	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Activities & Participation in DMSP Satellite Data Processing & Analysis	1/1/02 - 6/30/02	02334401 12117	\$41,161
Matsumoto,Clifford R	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Icing Detection Algorithms & Additional Applications Using Polarization Radar & Microwave Measurements	6/1/02 - 6/30/03	02452401 13605	\$41,966

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Investigators/Collaborators		Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount
Matsumoto, Clifford R	Primary PI	CIRA NASA - Natl Aeronautics & Space Admin.	Development of a Parallel Coupled Ocean-Ice Forecast Model	5/1/02 - 7/31/02	02458801 13564	\$30,000
Mckague, Darren S	Primary PI	CIRA	Validation of National Environmental Satellite, Data, & Information Service Microwave Land Emmissivity Model	4/1/02 - 3/31/04	02442201 13401	\$142,660
Vonderhaar, Thomas H	Co-PI	DOC-NOAA-Natl Oceanic & Atmospheric Admn				
Newsom, Rob K	Primary PI	CIRA NSF - National Science Foundation	Information Integration of Multiple Lidar Observations of the Atmospheric Boundary Layer	8/1/02 - 7/30/06	02377701 12634	\$720,270
Pielke, Roger A	Primary PI	CIRA	A Comparison of Rooftop & Standard Ground-based Temperature Measurements	8/1/01 - 7/31/02	02337401 12071	\$23,000
Doesken, Nolan J	Co-PI	DOC-NOAA-Natl Oceanic & Atmospheric Admn				
Salas, Jose D	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Stochastic Modeling & Simulation of the Great Lakes Net Basin Supplies	3/1/02 - 6/30/02	02415901 13088	\$23,760
Thompson, David	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	A Global Perspective of Atlantic Sector Variability	3/1/03 - 2/28/06	02477801 13833	\$326,499
Vonderhaar, Thomas H	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Enhanced Communications at CIRA: Upgrade of the CIRA Computer Laboratory	1/1/02 - 12/31/02	02380801 12632	\$50,000
Vonderhaar, Thomas H	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Enhancement of Satellite Data Processing & Analysis Capabilities in Central America	1/1/02 - 6/30/02	02389001 12740	\$16,500
Vonderhaar, Thomas H	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Support of the Virtual Institute for Satellite Integration Training	1/1/02 - 12/31/02	02389901 12769	\$210,000
Vonderhaar, Thomas H	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Postdoctoral Program - National Environmental Satellite, Data, & Information Service	7/1/01 - 6/30/03	02337901 12151	\$1,338,200
Vonderhaar, Thomas H	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Environmental Applications Research Project	7/1/01 - 6/30/02	02337301 12144	\$4,710,348

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Investigators/Collaborators		Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount
Vonderhaar, Thomas H	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Advanced Environmental Satellite Research Support	8/1/01 - 6/30/02	02330401 12014	\$223,034
Vonderhaar, Thomas H	Primary PI	CIRA DOD - US Department of Defense	Multi-Year Cooperative Agreement with Colorado State University for Center for Geosciences/Atmospheric Research	7/1/02 - 6/30/05	03492601 13515	\$1,350,000
Vukicevic, Tomislava	Primary PI	CIRA UCAR-NCAR-Nat Ctr for Atmospheric Res	Intercontinental Transport of Asian Anthropogenic Pollutants to North America	5/1/02 - 4/30/04	02336601 12170	\$108,371
Wang, Ning	Primary PI	CIRA	Development of Efficient Satellite Data Compression Techniques: Transmission of GOES Imagery to the NOAA ...	1/1/02 - 12/31/02	02384201 12613	\$35,000
Knaff, John A	Co-PI	DOC-NOAA-Natl Oceanic & Atmospheric Admn				
Zupanski, Milija	Primary PI	CIRA NSF - National Science Foundation	Impact of Nonlinear Optimization Algorithm in Application to an Ensemble Kalman Filter (Smoother)	7/1/02 - 6/30/05	02422801 13247	\$50,608
Carlson, Kenneth H	Primary PI	Civil Engineering ** American Water Works Assc. Research Fd.	Utilizing Routine Water Quality Instruments & Artificial Neural Networks for Monitoring Distribution System Security	9/15/02 - 9/15/04	02456201 13598	\$149,976
Charlie, Wayne A	Primary PI	Civil Engineering **	Largest Historical Earthquake in Colorado, November 7, 1992, Moment of Magnitude=6.6, Search for Historical ...	11/1/02 - 9/30/03	02453201 13271	\$66,124
Fiege, Mark T	Co-PI	DOI-USGS-Geological Survey				
Durnford, Deanna S	Primary PI	Civil Engineering	Impact of Streambed Clogging on Stream/Aquifer Hydrologic Exchange	3/1/03 - 2/28/05	02472001 13795	\$220,772
Fox, Garey A	Co-PI	NSF - National Science Foundation				
Garcia, Luis	Primary PI	Civil Engineering	Development of Multi-Scale Framework for Ground Water Protection	9/1/04 - 8/31/04	02442701 13421	\$138,998
Cipra, Jan E	Co-PI	DOI - US Department of the Interior				
Garcia, Luis	Primary PI	Civil Engineering **	Modeling Regional Climate Impacts on Crops & Water Supply	10/1/01 - 9/30/04	02331701 12059	\$255,346
Ojima, Dennis	Co-PI	DOE - US Department of Energy				
Parton, William J	Collaborator					

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Garcia,Luis Bauder,Troy A Cipra,Jan E Waskom,Reagan M	Primary PI Co-PI Co-PI Co-PI	Civil Engineering ** USDA - US Department of Agriculture	Protecting Ground Water Using a Web-Based Management Geographic Information Systems Management Tool	9/1/02 - 8/31/05	02431301 13219	\$431,209
Grigg,Neil S Vlachos,Evan C	Primary PI Co-PI	Civil Engineering ** NSF - National Science Foundation	Condition & Security Indicators for Interdependent Infrastructure Systems	1/1/02 - 12/31/05	02358301 12232	\$293,315
Grigg,Neil S Criswell,Marvin E Siller,Thomas J	Primary PI Co-PI Co-PI	Civil Engineering NSF - National Science Foundation	Information Technology in the Integrated Civil Engineering Curriculum	10/1/02 - 9/30/03	02455001 13596	\$98,144
Grigg,Neil S	Primary PI	Civil Engineering NSF - National Science Foundation	Performance-based Water Infrastructure Security: Threats, Fragility, & Response	10/1/02 - 9/30/05	02417101 13023	\$97,421
Hartnagel,Bryan Heyliger,Paul R Shackelford,Charles D	Primary PI Co-PI Co-PI	Civil Engineering NSF - National Science Foundation	Rammed Earth House Construction	3/1/02 - 2/28/04	02363801 12346	\$167,833
Heyliger,Paul R	Primary PI	Civil Engineering DOE - US Department of Energy	Effective Mechanical Properties of Inorganic & Carbon Nanotubes & Nantube Networks	7/1/02 - 6/30/05	02417401 13161	\$297,027
Heyliger,Paul R Leisure,Robert G Parkinson,Bruce Alan Rappe,Anthony K	Primary PI Co-PI Co-PI Co-PI	Civil Engineering ** NSF - National Science Foundation	Modeling Nanotubular Deformation Properties: Molecules to Materials across the Periodic Table	7/1/02 - 6/30/05	02392701 12810	\$960,119
Heyliger,Paul R Hartnagel,Bryan Leisure,Robert G Radford,Donald W	Primary PI Co-PI Collaborator Collaborator	Civil Engineering ** NSF - National Science Foundation	Research Experiences for Undergraduates (REU) Site: Studies in Vibration & Sound	5/28/02 - 5/27/05	02344501 12109	\$299,898
Heyliger,Paul R	Primary PI	Civil Engineering ** DOD-ARPA-Advanced Research Proj. Agency	The Effective Mechanical Properties of Carbon & Inorganic Nanotube Networks	1/1/02 - 12/31/04	02337001 12150	\$264,029

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Loftis,Jim C Davis,Jessica G	Primary PI Co-PI	Civil Engineering ** USDA-CSREES-Coop State Rsrch Edu & Ext	National Needs Graduate Fellowships in Natural Resources	1/1/02 - 12/30/04	02330501 11883	\$207,000
Oad,Ramchand Julien,Pierre Y Myrick,Christopher A	Primary PI Co-PI Co-PI	Civil Engineering ** USDA - US Department of Agriculture	Management of River Ecosystems for Diverse Water Users	1/1/02 - 12/31/04	02380501 12626	\$426,294
Roesner,Larry A Bledsoe,Brian	Primary PI Co-PI	Civil Engineering NSF - National Science Foundation	Mitigating the Hydrogeomorphic Effects of Urban Runoff on Small Order Streams	11/1/01 - 10/31/02	02331401 12095	\$145,563
Salas,Jose D Pielke,Roger A	Primary PI Co-PI	Civil Engineering ** NSF - National Science Foundation	Characterizing the Variability of Hourly Precipitation Based on Stochastic Dynamical Concepts	1/1/03 - 12/31/06	02465601 13793	\$686,283
Sanders,Thomas G	Primary PI	Civil Engineering City of Fort Collins	Melting Effectiveness & Corrosiveness of Mild Steel with Inhibitors	3/1/02 - 9/1/02	02429401 13292	\$18,360
Shackelford,Charles D	Primary PI	Civil Engineering NSF - National Science Foundation	Porous Media Matrix Interactions & Diffusive Transport of Permanganate Oxidants during In Situ Remediation	1/1/02 - 12/31/04	02367301 12063	\$207,902
Siller,Thomas J Johnson,Gearold R Troxell,Wade O	Primary PI Co-PI Co-PI	Civil Engineering ** NSF - National Science Foundation	Center for Technology in Engineering Education	1/1/03 - 1/1/08	02440301 13338	\$9,951,093
Siller,Thomas J	Primary PI	Civil Engineering NSF - National Science Foundation	International Experience For Engineering Students Through Distance Learning Techniques	1/1/03 - 6/30/04	02465501 13709	\$74,970
Siller,Thomas J	Primary PI	Civil Engineering NSF - National Science Foundation	Numerical Investigation of Geosynthetic Seismic Isolation Systems	1/1/02 - 12/31/03	02404001 12360	\$84,004
Siller,Thomas J Charlie,Wayne A Perko,Howard	Primary PI Co-PI Co-PI	Civil Engineering Colorado Department of Transportation	Soundwall Foundation Design	4/1/02 - 9/30/03	02406101 12992	\$59,999

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Investigators/Collaborators	Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount	
Siller,Thomas J Troxell,Wade O Johnson,Gearold R	Primary PI Co-PI Collaborator	Civil Engineering ** NSF - National Science Foundation	Time Perspective in Engineering Education & Practice	7/1/02 - 6/30/04	02408501 13047	\$193,785
Thornton,Christopher I Abt,Steven R	Primary PI Co-PI	Civil Engineering DOT-Federal Highway Administration	Prediction of Scour at Bridge Abutments	3/1/02 - 9/30/05	02357301 12203	\$499,999
Watson,Chester C Carlson,Kenneth H	Primary PI Co-PI	Civil Engineering DOD-ARMY	Demonstration Erosion Control Monitoring Year 2002	10/1/01 - 9/30/02	02355101 12299	\$499,750
Watson,Chester C	Primary PI	Civil Engineering Illinois Department of Natural Resources	Judy's Branch Rehabilitation	11/1/01 - 12/1/04	02364501 12371	\$235,247
Watson,Chester C	Primary PI	Civil Engineering Illinois State Water Survey	Watershed Assessment for Illinois Streams	9/1/01 - 9/30/02	02340101 12181	\$75,043
Wilkins-Wells,John Rees Podmore,Terence H	Primary PI Co-PI	Civil Engineering ** Colorado State Water Conservation Board	Assisting Agricultural Water Suppliers in Implementing Geographical Information Systems (GIS)	7/1/02 - 6/30/04	02416901 13118	\$602,770
Woods,Sandra L Criswell,Marvin E Grigg,Neil S Saito,Laurel Timpson,William M	Primary PI Co-PI Co-PI Co-PI Co-PI	Civil Engineering ** NSF - National Science Foundation	Improving Retention & Education Effectiveness with an Innovative Civil Engineering Core Curriculum	9/4/02 - 8/31/05	02398901 12787	\$422,749
Woods,Sandra L	Primary PI	Civil Engineering CCHE-Commission on Higher Education	Programs of Excellence: Civil Engineering	7/1/02 - 6/30/07	02413901 13168	\$915,602
Elhakim,Omnia Gorell,Thomas A Jones,Brian	Primary PI Co-PI Co-PI	Dean Of Engineering ** NSF - National Science Foundation	Colorado Math & Science Partnership (CO-MSP)	10/1/02 - 9/30/07	02452201 13447	\$24,078,073
Ritschard,Mark	Primary PI	Dean Of Engineering NSF - National Science Foundation	Research Infrastructure - Virtual Laboratory (VLAB)	10/1/02 - 9/30/05	02468201 13037	\$1,500,000

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Investigators/Collaborators		Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount
Bringi,Viswanathan N Rutledge,Steven A Venkatachalam,Chandras	Primary PI Co-PI Co-PI	Elec. & Computer Engineering ** NSF - National Science Foundation	Development of a High Performance Offset Gregorian Antenna for the CSU-CHILL National Radar	7/1/02 - 6/30/04	02404401 12917	\$1,406,010
Bringi,Viswanathan N Hubbert,John	Primary PI Co-PI	Elec. & Computer Engineering NSF - National Science Foundation	Field Studies of Raindrop Axis Ratio & Orientation Distributions Using an Improved 2D-video Disdrometer & ...	5/1/02 - 4/30/05	02360601 12270	\$378,450
Burleigh,Joan M James,Susan P	Primary PI Co-PI	Elec. & Computer Engineering ** CCHE-Commission on Higher Education	Development of Acoustic Filters for Management of Binaural Asynchronies in Children & Adults	1/1/02 - 1/1/03	02378401 12568	\$59,757
Chen,Thomas Wei Lear,Kevin	Primary PI Co-PI	Elec. & Computer Engineering NSF - National Science Foundation	A Truly CMOS Compliant On-Chip Optical Interconnect Technology for VLSI Chips	7/1/02 - 6/30/05	02408401 12890	\$681,845
Chen,Thomas Wei Young,Peter	Primary PI Co-PI	Elec. & Computer Engineering NSF - National Science Foundation	Exploring Massive On-Chip Deskewing Techniques	1/1/02 - 12/31/02	02379901 12648	\$79,495
Chong,Edwin K. P	Primary PI	Elec. & Computer Engineering Purdue University	Control of Communication Network: Modeling, Simulation, & Optimization	1/1/02 - 7/31/04	02371101 12444	\$77,481
Chong,Edwin K. P	Primary PI	Elec. & Computer Engineering Purdue University	Design & Control of Next Generation Networks: A Measurement Analytical Approach	1/1/02 - 8/31/04	02371201 12445	\$183,276
Chong,Edwin K. P	Primary PI	Elec. & Computer Engineering NSF - National Science Foundation	Opportunistic Scheduling for Multimedia Wireless Systems	8/1/02 - 7/31/05	02386401 12695	\$222,501
Chong,Edwin K. P Siegel,Howard Jay	Primary PI Co-PI	Elec. & Computer Engineering NSF - National Science Foundation	Security & Survivability for Trusted Multicast	8/15/02 - 8/14/07	02387501 12663	\$747,530
Chong,Edwin K. P	Primary PI	Elec. & Computer Engineering NSF - National Science Foundation	Workshop on Control of Networks	1/1/02 - 12/31/02	02384501 12669	\$39,996
Jayasumana,M A Anura Malaiya,Yashwant K	Primary PI Co-PI	Elec. & Computer Engineering ** NSF - National Science Foundation	Clustering & Binning of Submicron IC's Using Analog Attributes	4/1/02 - 3/31/05	02375801 12577	\$361,473

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Investigators/Collaborators	Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount	
Lear, Kevin	Primary PI	Elec. & Computer Engineering Novalus, Inc.	Fabrication & Evaluation of High Loss Laser Diodes	5/15/02 - 12/31/02	02457601 13652	\$10,020
Lear, Kevin	Primary PI	Elec. & Computer Engineering University of Colorado	Fluorescence-free Cell Cytometry	7/1/02 - 6/30/04	02431501 13298	\$48,000
Lear, Kevin	Primary PI	Elec. & Computer Engineering Cytomation GTX, Inc.	Fluorescence-free Cell Cytometry	7/1/02 - 6/30/04	02431401 13298	\$12,000
Lile, Derek L	Primary PI	Elec. & Computer Engineering Colorado Institute of Technology	Recruitment & Retention of Women & Minorities in Information Technology Majors	6/1/02 - 5/31/03	02332101 11147	\$289,549
Maciejewski, Anthony	Primary PI	Elec. & Computer Engineering NSF - National Science Foundation	The Design of Failure Tolerant Robotic Systems for Teleautonomous Assembly	9/1/02 - 8/31/05	02472101 13831	\$482,795
Mahan, John E Parkinson, Bruce Alan	Primary PI Co-PI	Elec. & Computer Engineering ** NSF - National Science Foundation	Epitaxial Growth & Optoelectronic Properties of Higher Manganese Silicide Thin Films	5/1/02 - 4/30/05	02382601 12671	\$621,224
Nassar, Carl R	Primary PI	Elec. & Computer Engineering Idris Communications	An Ultra-Efficient, Low Cost Modem for Wideband Satellite Communications	6/1/02 - 11/1/02	02409001 12972	\$33,333
Nassar, Carl R Lear, Kevin	Primary PI Co-PI	Elec. & Computer Engineering Idris Communications	Carrier Interferometry Fiber Optics: Overcoming the Channel & Cost Impedements in Traditional Dense Wave Division . . .	5/1/02 - 4/30/05	02379701 12625	\$572,252
Nassar, Carl R Lear, Kevin	Primary PI Co-PI	Elec. & Computer Engineering NSF - National Science Foundation	Carrier Interferometry over Fiber: High-Rate, High-Performance & Low-Cost Fiber Optic Links through Novel . . .	10/1/02 - 9/30/05	02413701 13099	\$455,530
Nassar, Carl R	Primary PI	Elec. & Computer Engineering International Business Machines (IBM)*	Examination & Feasibility Study for Wireless Transmission of Very Large Files	1/15/02 - 8/14/02	02403701 12904	\$10,000
Nassar, Carl R	Primary PI	Elec. & Computer Engineering Idris Communications	Future Generation Satellite & Air-to-air Links via Carrier Interferometry	1/14/02 - 6/14/02	02404101 12928	\$20,000

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Nassar,Carl R	Primary PI	Elec. & Computer Engineering CIAN Systems, Inc.	High Performance Wireless Local Area Network via Multi-Carrier Technologies	6/1/02 - 5/31/04	02434301 13372	\$247,105
Nassar,Carl R	Primary PI	Elec. & Computer Engineering NSF - National Science Foundation	High Performance, High Throughput OFDM via Carrier Interformetry: Creating a Platform Technology to Marry PANs...	6/1/02 - 5/31/04	02360401 12424	\$228,839
Nassar,Carl R	Primary PI	Elec. & Computer Engineering CASI-Colorado Advanced Software Inst.	High-Performance, High-Throughput Multi-Carrier Systems via Parameter Feedback	7/1/02 - 6/30/03	02391501 12732	\$40,000
Nassar,Carl R	Primary PI	Elec. & Computer Engineering NSF - National Science Foundation	ITR: Transform Codes: Generalized Orthogonal & Pseudo-Orthogonal Spreading Codes from Discrete Transforms	7/1/02 - 6/30/04	02410301 13089	\$153,570
Nassar,Carl R	Primary PI	Elec. & Computer Engineering NSF - National Science Foundation	Mutli-Carrier Pulse Shape Synthesis for Wireless Systems: Enhanced Performance, Security & Co-existence	7/1/02 - 6/30/04	02382701 12675	\$223,469
Rocca,Jorge J G	Primary PI	Elec. & Computer Engineering Univ. California-Lawrence Livermore Lab	Dense Plasma Characterization Using Transient X-ray Laser Interferometry	10/1/02 - 9/30/03	02474401 13563	\$28,743
Rocca,Jorge J G Marconi,Mario C	Primary PI Co-PI	Elec. & Computer Engineering DOE - US Department of Energy	Dense Plasma Studies with Ultra-bright Soft X-ray Laser Probes	9/1/02 - 8/31/05	02440201 13444	\$1,145,536
Rocca,Jorge J G Menoni,Carmen S	Primary PI Co-PI	Elec. & Computer Engineering NSF - National Science Foundation	Engineering Research Center for Extreme Ultraviolet Science & Technology	6/1/03 - 5/31/08	02459201 13494	\$16,471,171
Rocca,Jorge J G Bernstein,Elliot R Menoni,Carmen S	Primary PI Co-PI Co-PI	Elec. & Computer Engineering ** CCHE-Commission on Higher Education	Extreme Ultraviolet Center of Excellence	6/1/02 - 6/1/07	02419101 13203	\$1,502,638
Rocca,Jorge J G	Primary PI	Elec. & Computer Engineering DOE - US Department of Energy	Student & Young Scientist Participation in the 8th International Conference on X-Ray Lasers	1/1/02 - 6/30/02	02368301 12502	\$5,000
Rocca,Jorge J G	Primary PI	Elec. & Computer Engineering NSF - National Science Foundation	Student & Young Scientist Participation in the 8th International Conference on X-Ray Lasers	1/1/02 - 6/30/02	02368701 12483	\$10,000

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Scharf,Louis L Chong,Edwin K. P	Primary PI Co-PI	Elec. & Computer Engineering Mission Research Corporation	A Mathematical Methodology for Managing & Integrating Sensors & Processors in Distributed Systems for Radar &...	1/1/02 - 6/30/04	02368501 12484	\$374,693
Scharf,Louis L	Primary PI	Elec. & Computer Engineering CASI-Colorado Advanced Software Inst.	Subspace & Markov Chain Methods for Demixing & Classifying Hyperspectral Images	7/1/02 - 8/31/03	02425101 13259	\$43,700
Siegel,Howard Jay Maciejewski,Anthony	Primary PI Co-PI	Elec. & Computer Engineering NSF - National Science Foundation	A Unified Framework for Resource Allocation & Adaptation in a Class of Distributed Embedded Systems	8/15/02 - 8/14/07	02387601 12664	\$1,620,689
Siegel,Howard Jay	Primary PI	Elec. & Computer Engineering University of Central Florida	Dynamic Workflows: Theoretical Foundations, Algorithms, & Applications	1/1/02 - 12/31/04	02367901 12501	\$299,955
Siegel,Howard Jay	Primary PI	Elec. & Computer Engineering DOD-NAVY-ONR-Office of Naval Research	11th Heterogeneous Computing Workshop	4/1/02 - 10/30/02	02416401 13119	\$4,753
Venkatachalam,Chandras	Primary PI	Elec. & Computer Engineering CCHE-Commission on Higher Education	An Expert System to Assist in the Scientific & Engineering Development of Intraluminal Impedance Measurement . . .	1/1/02 - 12/31/02	02378501 12561	\$60,000
Venkatachalam,Chandras	Primary PI	Elec. & Computer Engineering NSF - National Science Foundation	Polarimetric Radar & In-situ Observations of Precipitation: Measurements, Analysis, Modeling & Retrievals	1/1/03 - 12/31/06	02472601 13821	\$466,182
Venkatachalam,Chandras	Primary PI	Elec. & Computer Engineering NSF - National Science Foundation	REU - Electrical Engineering Focused Around the CSU-CHILL National Radar Facility	5/1/02 - 4/30/05	02355601 12141	\$208,550
Young,Peter Collins,George J	Primary PI Co-PI	Elec. & Computer Engineering NSF - National Science Foundation	New Robust Control Methodologies for Coating Processes in the Architectural Glass Industry	10/1/02 - 9/30/03	02440701 13246	\$99,997
Yu,Zengqi Collins,George J	Primary PI Co-PI	Elec. & Computer Engineering CAMI-Advanced Materials Institute/Colo.	Fully Utilizing LabView & LabWindows for Tape Media Testing & Data Presentation	7/1/02 - 6/30/03	02443901 13472	\$18,000

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Investigators/Collaborators	Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount	
Barth,Kurt	Primary PI	Mechanical Engineering AVA Technologies	Long Duration, Continuous In-Line Processing of CdTe Photovoltaics Modules	6/1/02 - 12/1/02	02401301 12933	\$30,000
Bateman,Ted A Norrdin,Robert W Sinske,Steve	Primary PI Collaborator Collaborator	Mechanical Engineering ** NASA - Natl Aeronautics & Space Admin.	Examination of Anti-Resorptive & Anabolic Treatments on Spaceflight Induced Osteoporosis	10/1/02 - 9/30/06	02408101 13020	\$672,685
Bestor,Ted	Primary PI	Mechanical Engineering DOE - US Department of Energy	Systematic Engine Uprate Technology Development & Deployment for Low-BMEP Pipeline Compressor Engines	7/1/02 - 7/1/05	02434401 13369	\$1,350,000
Edwards,Harry W	Primary PI	Mechanical Engineering DOE - US Department of Energy	Colorado State University Industrial Assessment Center	10/1/02 - 9/30/06	02470401 13577	\$851,209
Edwards,Harry W	Primary PI	Mechanical Engineering University of Tennessee/Battelle LLC	Energy Efficiency Improvement Assessment at the Denver Mint	12/1/01 - 4/30/02	02372601 12562	\$16,863
Hittle,Douglas C Anderson,Charles Young,Peter	Primary PI Co-PI Co-PI	Mechanical Engineering ** NSF - National Science Foundation	Robust Recurrent Reinforcement Learning (R3L) Control for Building Energy Systems	5/1/02 - 4/30/05	02357401 12361	\$852,206
James,Susan P Bateman,Ted A	Primary PI Co-PI	Mechanical Engineering ** NASA - Natl Aeronautics & Space Admin.	Bio-Engineering, Science & Technology (BEST) Institute	4/28/02 - 4/27/07	02366101 12193	\$14,999,998
James,Susan P	Primary PI	Mechanical Engineering Rockefeller Brothers Fund	Enhancing the Longevity of Total Joint Replacements with a Novel Interpenetrating Polymer Network	7/1/02 - 7/1/03	02443701 13524	\$25,000
Kirkpatrick,Allan T Bestor,Ted Mitchell,Charles E Olsen,Daniel B Willson,Bryan D	Primary PI Co-PI Co-PI Co-PI Co-PI	Mechanical Engineering GTI-Gas Technology Institute	CFD Modeling of Combustion in a Cooper GMV Engine	1/1/02 - 12/31/02	02388601 12725	\$101,151

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**Inter-departmental Project

Engineering - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount	
Kirkpatrick,Allan T Fitzhorn,Patrick A Radford,Donald W Smith,Frederick W Willson,Bryan D	Primary PI Co-PI Co-PI Co-PI Co-PI	Mechanical Engineering CCHE-Commission on Higher Education	Experiential Learning in Mechanical Engineering	7/1/02 - 6/30/07	02413201 12821	\$1,650,000
Kostrzewa,Michael F	Primary PI	Mechanical Engineering AMEC Earth & Environmental, Inc.	Consulting Assistance with Energy Conservation Audits at South Dakota National Guard Facilities	8/20/01 - 10/31/01	02358801 12106	\$11,667
Olsen,Daniel B Willson,Bryan D	Primary PI Co-PI	Mechanical Engineering NSF - National Science Foundation	Experimental Investigation of Formaldehyde Formation in Large Bore Natural Gas Engines	5/1/02 - 4/30/05	02389401 12564	\$476,765
Olsen,Daniel B Bestor,Ted Kirkpatrick,Allan T Mitchell,Charles E Willson,Bryan D	Primary PI Co-PI Co-PI Co-PI Co-PI	Mechanical Engineering Pipeline Research Council International	Fuel Valve Design Using Computational Fluid Dynamics & Laser Diagnostics	1/1/02 - 6/30/02	02373001 12565	\$200,457
Olsen,Daniel B Bestor,Ted Willson,Bryan D	Primary PI Co-PI Co-PI	Mechanical Engineering GTI-Gas Technology Institute	Humidity Control for Power & Emissions	1/1/02 - 8/31/02	02384301 12658	\$250,127
Olsen,Daniel B Bestor,Ted Mitchell,Charles E Willson,Bryan D	Primary PI Co-PI Co-PI Co-PI	Mechanical Engineering GTI-Gas Technology Institute	Nitrogen Dioxide Emissions from 2-Stroke Large Bore Natural Gas Engines	1/1/02 - 6/30/02	02388701 12710	\$60,059
Olsen,Daniel B	Primary PI	Mechanical Engineering Advanced Engine Technologies Corporation	PEMS Field Data Analysis	12/1/01 - 5/31/02	02379801 12633	\$10,047
Olsen,Daniel B Bestor,Ted Willson,Bryan D	Primary PI Co-PI Co-PI	Mechanical Engineering Sturman Industries, Inc.	VW 1.9L TDI Engine Testing	10/15/01 - 10/30/02	02366001 12457	\$56,670

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**Inter-departmental Project

Engineering - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount	
Olsen,Daniel B Bestor,Ted Willson,Bryan D	Primary PI Co-PI Co-PI	Mechanical Engineering GTI-Gas Technology Institute	Hydraulically Actuated High-Pressure Fuel Investigations for 4-Stroke Large Bore Engines	2/1/02 - 1/31/03	02403801 12954	\$200,000
Olsen,Daniel B Bestor,Ted Willson,Bryan D	Primary PI Co-PI Co-PI	Mechanical Engineering El Paso Energy	Planar, Laser-induced Fluorescence Evaluation of LCM Fuel Valves	7/17/01 - 10/1/01	02327501 12013	\$10,482
Olsen,Daniel B	Primary PI	Mechanical Engineering El Paso Energy	Report-Assessment of Estimating Volatile Organic Compounds Emissions Based on Total Hydrocarbon Emissions & Fuel. . .	12/15/01 - 6/15/02	02388501 12721	\$11,771
Radford,Donald W	Primary PI	Mechanical Engineering NSF - National Science Foundation	Determination of 3-D Viscoelastic Properties of Transversely Isotropic Laminae for Laminated Composite Performance . . .	1/1/02 - 12/31/04	02363501 12413	\$185,491
Radford,Donald W	Primary PI	Mechanical Engineering NASA - Natl Aeronautics & Space Admin.	Injection Molded Tensile Test Coupon Preparation	5/1/02 - 9/1/02	02440601 13486	\$10,000
Radford,Donald W	Primary PI	Mechanical Engineering NSF - National Science Foundation	Shape Stable - Shape Correct Laminated Composites	1/1/02 - 12/31/05	02358001 12412	\$193,781
Smith,Frederick W	Primary PI	Mechanical Engineering Univ. California-Los Alamos National Lab	Implicit Finite Element Model Development & Validation for Discrete Fracture in High Explosives	1/1/02 - 12/31/03	02367101 12482	\$176,326
Wheeler,Donna Pluhar,G. Elizabeth	Primary PI Co-PI	Mechanical Engineering ** University of Florida	Biomimetic Bone	1/1/03 - 12/31/07	02411501 13043	\$1,248,474
Wheeler,Donna	Primary PI	Mechanical Engineering CCHE-Commission on Higher Education	Calcium Phosphate Microcarriers for Bone Regeneration	2/1/02 - 1/31/03	02378301 12589	\$60,000
Wheeler,Donna Turner,Anthony Simon	Primary PI Collaborator	Mechanical Engineering ** Stryker Biotech	Osteogenic Protein-1 (OP-1) in Instrumented & Noninstrumented Lumbar Fusion in Sheep	4/1/02 - 4/1/03	02428701 13175	\$254,762

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**Inter-departmental Project

Engineering - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount
Wheeler, Donna	Primary PI	Mechanical Engineering **	9/1/01 -	02350001	\$135,555
Pluhar, G. Elizabeth	Collaborator	Stryker Biotech	8/30/02	12201	
Turner, Anthony Simon	Collaborator				
Willson, Bryan D	Primary PI	Mechanical Engineering	10/15/01 -	02351301	\$800,000
Bestor, Ted	Co-PI	Cummins Engine Company	10/15/03	12271	
				Engineering Total:	\$144,394,899

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**Inter-departmental Project

Liberal Arts - Proposals

Investigators/Collaborators		Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount
Eighmy, Jeffrey L Hill, Matthew G	Primary PI Co-PI	Anthropology NSF-SBE-Social, Behav & Econ Sciences	Organizational Responses to Changing Resource Structure	6/18/02 - 12/31/04	02396201 12817	\$281,948
Todd, Lawrence C	Primary PI	Anthropology USDA-USFS-Forest Research	Hudson-Meng Excavations 2002	5/13/02 - 9/30/02	02459501 13691	\$16,000
Van Buren, Mary L	Primary PI	Anthropology NFAH-Natl Endowment for the Humanities	Inka, Spanish, & Indigenous Silver Production in Porco, Bolivia	5/1/02 - 9/1/03	02343901 12121	\$181,746
Van Buren, Mary L	Primary PI	Anthropology NSF - National Science Foundation	Prehispanic & Historic Period Silver Production in Porco, Bolivia	6/1/02 - 8/1/04	02389801 12529	\$232,999
Frickman, Linda G	Primary PI	Art Colorado Council on the Arts & Humanitie	13th Colorado International Invitational Poster Exhibition	9/12/03 - 11/7/03	02452901 13522	\$6,724
Frickman, Linda G	Primary PI	Art City of Fort Collins	Carry On	9/1/02 - 3/3/03	02467801 13670	\$2,000
Weiler, Stephan A Kling, Robert W	Primary PI Collaborator	Economics DOC-EDA-Economic Development Admin.	Matching Retail Gaps with Brownfield Opportunities	1/1/02 - 7/31/03	02429501 13280	\$84,000
Milofsky, David	Primary PI	English NEA-National Endowment for the Arts	Center for Literary Publishing-Colorado Review	1/1/03 - 11/1/05	02435501 13360	\$40,000
Odonnell-Allen, Cindy	Primary PI	English Spencer Foundation	Developing Ourselves: Discourse, Identity, & Agency in a Teacher Research Group	7/1/02 - 6/30/03	02425401 13256	\$24,301
O'Keefe, Garrett J	Primary PI	Journalism & Technical Comm CCHE-Commission on Higher Education	Program of Excellence for Technical Journalism	7/1/02 - 6/30/07	02413001 13031	\$1,110,910
Slater, Michael D	Primary PI	Journalism & Technical Comm AMC Cancer Research Center	Southwest Cancer Communication Consortium	7/1/02 - 6/30/07	02318101 11973	\$1,642,308

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**Inter-departmental Project

Liberal Arts - Proposals

Investigators/Collaborators		Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount
Zimmerman,Donald E Slater,Michael D Mccracken,Amanda L	Primary PI Co-PI Collaborator	Journalism & Technical Comm ** HHS-NIH-National Institutes of Health	Website Prevention of College Binge Drinking	1/9/02 - 8/30/07	02411701 13038	\$1,330,373
Burns,Morris U	Primary PI	Music, Theatre & Dance City of Fort Collins - Fort Fund	Outdoor Café Theatre	6/25/02 - 7/27/02	02392601 12842	\$4,000
Slusarski-Harris,Jane	Primary PI	Music, Theatre & Dance Colorado Council on the Arts & Humanitie	K-16 Dance Education Project	2/15/02 - 12/31/02	02408701 12957	\$10,000
Slusarski-Harris,Jane	Primary PI	Music, Theatre & Dance City of Fort Collins - Fort Fund	This Speaking Body	12/8/01 - 4/28/02	02391401 12777	\$2,750
Thaut,Michael H Anderson,Charles Delosh,Edward L	Primary PI Collaborator Collaborator	Music, Theatre & Dance ** HHS-NIH-National Institutes of Health	Brain Oscillations During Verbal Working Memory	12/1/02 - 11/30/04	02411301 12952	\$145,000
Thaut,Michael H Anderson,Charles Delosh,Edward L Whitley,L Darrell	Primary PI Collaborator Collaborator Collaborator	Music, Theatre & Dance ** HHS-NIH-National Institutes of Health	Data Mining the Neural Dynamics of Cognition	4/1/03 - 3/31/05	02467201 13789	\$290,000
Thaut,Michael H	Primary PI	Music, Theatre & Dance The Intl Foundation for Music Research	Facilitation of Cognitive Functions through Temporal Entrainment in Music	11/1/01 - 10/31/04	02330001 12024	\$187,606
Thaut,Michael H	Primary PI	Music, Theatre & Dance HHS-NIH-Center for Scientific Review	Long-Term Rhythmic Gait Training for Parkinson's Disease	12/1/01 - 11/30/02	02330801 11950	\$362,500
Davis,Charles E	Primary PI	Political Science University of Nevada	The Evolution of Wildfire Policy in the United States	9/1/02 - 8/31/04	02400701 12950	\$85,931
Stretesky,Paul B	Primary PI	Sociology EPA - Environmental Protection Agency	Identifying Methods for Improving the Effectiveness of Audit Policies & Laws	1/1/02 - 6/30/03	02430301 13342	\$136,217
Liberal Arts Total:						\$6,177,313

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**Inter-departmental Project

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Natural Resources - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount
Shaw,Robert B Zeidler,James A	Primary PI Co-PI	CEMML DOD-ARMY	Cultural Resources Program Support for Fort Bragg, North Carolina, ON CAMPUS	3/1/02 - 02389201 2/28/03 12778	\$21,538
Shaw,Robert B Zeidler,James A	Primary PI Co-PI	CEMML DOD-ARMY	Cultural Resources Program Support for Fort Bragg, North Carolina, OFF CAMPUS	3/1/02 - 02389301 2/28/03 12778	\$407,722
Shaw,Robert B Zeidler,James A	Primary PI Collaborator	CEMML DOD-ARMY	Cultural Resources Support Services by the Center for Environmental Management of Military Lands, (CEMML) ...	10/1/01 - 02357201 9/30/06 11854	\$4,540,551
Shaw,Robert B Doe,William W Warren,Steven D	Primary PI Co-PI Co-PI	CEMML DOD - US Department of Defense	Dynamic Modeling & Simulation of Total Maximum Daily Load Contributions from Maneuver Areas & Munitions Impact . . .	1/1/03 - 02399401 12/31/05 12907	\$1,709,297
Shaw,Robert B Zeidler,James A	Primary PI Co-PI	CEMML DOI-NPS-National Park Service	Milk Creek Battlefield Protection Project: A Prototype for Indian War Battlefield Preservation	7/1/02 - 02409701 6/30/03 12889	\$45,555
Shaw,Robert B Zeidler,James A	Primary PI Co-PI	CEMML Colo Dept Higher Educ-Historical Society	Milk Creek Battlefield Protection Project: A Prototype for Indian War Battlefield Preservation	7/1/02 - 02439001 6/30/03 13437	\$78,831
Shaw,Robert B Jones,David S	Primary PI Co-PI	CEMML DOD-ARMY-Fort Lewis, Washington	Tracked Vehicle Project Support for Fort Lewis, Washington	9/1/01 - 02345201 1/15/03 12308	\$27,500
Shaw,Robert B Zeidler,James A	Primary PI Co-PI	CEMML DOD-ARMY	Inventory of Native American Plants for Fort Drum, New York, ON CAMPUS	3/1/02 - 02416301 12/31/04 13156	\$19,198
Shaw,Robert B Zeidler,James A	Primary PI Co-PI	CEMML DOD-ARMY	Inventory of Native American Plants for Fort Drum, New York, OFF CAMPUS	3/1/02 - 02416201 12/31/04 13156	\$802
Shaw,Robert B Bagley,Calvin F	Primary PI Co-PI	CEMML DOD-ARMY	Integrated Training Area Management Support for United States Army Alaska, ON CAMPUS	3/1/02 - 02424701 9/30/04 13260	\$34,713
Shaw,Robert B Bagley,Calvin F	Primary PI Co-PI	CEMML DOD-ARMY	Integrated Training Area Management for United States Army Alaska, OFF CAMPUS	3/1/02 - 02424601 9/30/04 13260	\$467,287

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**Inter-departmental Project

Natural Resources - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI CEMML DOD-ARMY-Fort Drum, New York	Integrated Training Area Management Field Support at Fort Drum, New York ON CAMPUS	4/1/02 - 4/30/03	02444601 13523	\$16,991
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI CEMML DOD-ARMY-Fort Drum, New York	Integrated Training Area Management Program Field Support at Fort Drum, New York OFF CAMPUS	4/1/02 - 4/30/03	02444501 13523	\$205,361
Shaw,Robert B Bagley,Calvin F	Primary PI Co-PI CEMML DOD-ARMY	Cultural Resources Support for Alaska - Off Campus	1/10/02 - 9/30/04	02401901 12943	\$764,664
Shaw,Robert B Bagley,Calvin F	Primary PI Co-PI CEMML DOD-ARMY	Cultural Resources Support for Alaska - On Campus	1/10/02 - 9/30/04	02402001 12943	\$35,336
Shaw,Robert B Jones,David S	Primary PI Co-PI CEMML DOD-ARMY-Fort Lewis, Washington	Light Armored Vehicle Impact Study for Fort Lewis, Washington	4/1/02 - 3/31/03	02434601 13376	\$10,000
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI CEMML DOD-ARMY-Fort Drum, New York	Wetlands Program Technical Support at Fort Drum, New York On Campus	6/1/02 - 12/31/03	02428801 13291	\$1,364
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI CEMML DOD-ARMY-Fort Drum, New York	Wetlands Program Technical Support at Fort Drum, New York Off Campus	6/1/02 - 12/31/03	02428901 13291	\$18,756
Shaw,Robert B Bagley,Calvin F	Primary PI Co-PI CEMML DOD-ARMY	Natural Resources Support to Meet Sikes Act Requirements ON CAMPUS	5/1/02 - 9/30/05	02448801 13602	\$47,329
Shaw,Robert B Bagley,Calvin F	Primary PI Co-PI CEMML DOD-ARMY	Natural Resources Support to Meet Sikes Act Requirements OFF CAMPUS	5/1/02 - 9/30/05	02449101 13602	\$777,671
Shaw,Robert B Jones,David S	Primary PI Co-PI CEMML DOD-ARMY-Fort Lewis, Washington	Land Condition Trend Analysis Support for Yakima Training Center, Washington, ON CAMPUS	4/1/02 - 8/31/03	02438601 13443	\$51,006
Shaw,Robert B Jones,David S	Primary PI Co-PI CEMML DOD-ARMY-Fort Lewis, Washington	Land Condition Trend Analysis Support for Yakima Training Center, Washington, OFF CAMPUS	4/1/02 - 8/31/02	02438701 13443	\$67,394

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**Inter-departmental Project

Natural Resources - Proposals

Investigators/Collaborators		Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount
Warren,Steven D	Primary PI	CEMML NSF - National Science Foundation	Long-Term Post-Fire Secondary Succession of Biological Soil Crust Structure & Function	7/1/02 - 10/31/05	02401101 12921	\$497,968
Warren,Steven D	Primary PI	CEMML NSF - National Science Foundation	New Generation 3-Dimensional Soil Erosion Modeling on China's Loess Plateau	5/1/02 - 4/30/04	02335701 12116	\$171,738
Warren,Steven D Kugrens,Paul	Primary PI Co-PI	CEMML ** NSF - National Science Foundation	Role of Aeolian Inoculation in Colonization of Arid Soils by Algae/Cyanobacteria	8/1/02 - 9/30/05	02400801 12916	\$422,049
Warren,Steven D Kugrens,Paul	Primary PI Co-PI	CEMML University of Nevada	Culturing Cyanobacterial Inocula for the Nevada Test Site	6/15/02 - 12/30/02	03478801 13845	\$59,684
Bergersen,Eric P	Primary PI	Coop Fish & Wildlife Research Montana State University	Evaluating the Efficacy of Physical Habitat Modification to Reduce the Impacts of Myxobolus Cerebralis...	7/1/02 - 12/31/03	02453401 13539	\$39,000
Bergersen,Eric P	Primary PI	Coop Fish & Wildlife Research DOI-USGS-Geological Survey	Fish Losses Associated With Irrigation Diversions On the Wind River Indian Reservation, Wyoming	2/28/02 - 6/30/05	02427101 13236	\$94,805
Covich,Alan P	Primary PI	Coop Fish & Wildlife Research DOI-USGS-Geological Survey	Distributions & Habitat Preferences of Langostino Macrobrachiumn carcinus, in Puerto Rican Streams: Effects of Elevation	2/21/02 - 6/30/05	02428001 13191	\$52,500
Franklin,Alan B	Primary PI	Coop Fish & Wildlife Research NSF - National Science Foundation	Ecotones as Determinants of Habitat Quality in Northern Spotted Owl Populations	4/1/02 - 3/30/04	02399501 12883	\$378,812
Noon,Barry R	Primary PI	Coop Fish & Wildlife Research DOI-USGS-Geological Survey	Survival of Neonatal Steller Sea Lions to Two Months of Age: A Comparison of the Western & Eastern United State ...	6/14/02 - 9/30/04	02471101 13888	\$88,020
Savidge,Julie	Primary PI	Coop Fish & Wildlife Research DOI-USGS-Geological Survey	Population Demography of Lark Buntings	7/13/01 - 9/30/04	02328901 11995	\$123,649
White,Gary C	Primary PI	Coop Fish & Wildlife Research DOI-USGS-Geological Survey	Distribution & Abundance of Bighorn Sheep in Rocky Mountain National Park	8/1/01 - 9/30/04	02325401 11906	\$211,733

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**Inter-departmental Project

Natural Resources - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount	
McCelligott, Vince	Primary PI	Dean Of Natural Resources City of Fort Collins - Fort Fund	Children's Cultural Arts on the Prairie	6/1/02 - 8/31/02	02400001 12934	\$4,000
Cooper, David Jonathan	Primary PI	Earth Resources DOI-USGS-Geological Survey	Beaver Effects on Riparian Landscape Structure & Function: Hydrology, Geomorphology, & Vegetation Patch Dynamics...	5/1/02 - 5/31/03	02452001 13545	\$35,109
Erslev, Eric A	Primary PI	Earth Resources NSF - National Science Foundation	Lithospheric Structure & Evolution of the Rocky Mountains: Phase 2	6/1/02 - 5/31/06	02387301 12715	\$139,573
Hannah, Judith L Stein, Holly J	Primary PI Co-PI	Earth Resources NSF - National Science Foundation	Tracking Re-Os & Mo-Ru Decay Constants across Geologic Time: Are Decay Constants Truly Constant?	8/1/02 - 7/31/04	02386301 12693	\$217,921
Macdonald, Lee H	Primary PI	Earth Resources USDA-USFS-Pacific SW	Monitoring & Modeling the Effects of the Fires in the Colorado Front Range on Runoff & Erosion	6/1/02 - 11/30/02	02472301 13844	\$30,000
Macdonald, Lee H	Primary PI	Earth Resources USDA-USFS-Forest Research	Monitoring Runoff & Erosion in the Upper South Platte Restoration	6/1/01 - 6/30/06	02341001 12218	\$236,253
Smith, Freeman M	Primary PI	Earth Resources City of Fort Collins - Fort Fund	Indonesia: Cultural Sharing	8/1/02 - 12/31/02	03482501 14016	\$4,000
Smith, Freeman M	Primary PI	Earth Resources USDA-USFS-Rocky Mtn. Rsrch Station - CO	Mapping Snow Properties: A Multi-Scale Approach	3/1/02 - 12/31/03	02432801 13345	\$17,832
Stednick, John D Sanford, William E	Primary PI Co-PI	Earth Resources EPA - Environmental Protection Agency	Effects of Surface & Groundwater Interactions on Sodium Adsorption Ratios in Coalbed Methane	5/1/02 - 4/1/03	02386701 12720	\$97,366
Stein, Holly J Hannah, Judith L	Primary PI Co-PI	Earth Resources NSF - National Science Foundation	Technician Support: Technical Support for Geochronology at Colorado State University under the AIRIE Program	1/1/02 - 12/31/04	02324901 11920	\$210,000

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Proposals Submitted - 44

Natural Resources - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount
Stein,Holly J Magloughlin,Jerry F	Primary PI Co-PI NSF - National Science Foundation	Earth Resources Timing of Major Crust-forming Events & Deformation in the Colorado Province through Re-Os Dating of Proterozoic . . .	7/1/02 - 6/30/04	02387401 12665	\$209,145
Wohl,Ellen E Ramirez,Jorge A	Primary PI Co-PI NSF - National Science Foundation	Earth Resources ** A Simulation Model Using Local Controls for Self-adjusting Mountain-River Pools	6/1/02 - 7/1/04	02386501 12711	\$146,895
Wohl,Ellen E	Primary PI NSF - National Science Foundation	Earth Resources Anabranching Channels in Jointed Bedrock: An Integrated Flume & Field Study	4/1/03 - 5/1/05	02460701 13745	\$124,781
Wohl,Ellen E	Primary PI Oregon Headwaters Research Cooperative	Earth Resources Disturbance Regimes & Macroinvertebrate Communities of Headwater Streams	6/1/03 - 7/31/04	02449701 13645	\$61,515
Wohl,Ellen E	Primary PI NSF - National Science Foundation	Earth Resources Gradient-related Trends in Mountain Channel Giometry	10/1/02 - 11/1/03	02406701 13063	\$16,385
Wohl,Ellen E	Primary PI NSF - National Science Foundation	Earth Resources International Collaboration: Flow Hydraulics along Step-pool Channels	9/1/02 - 10/1/03	02406801 13044	\$6,804
Wohl,Ellen E	Primary PI NSF - National Science Foundation	Earth Resources Simulation of Channel Morphology	1/1/03 - 2/1/05	02465401 13850	\$80,832
Anderson,David G	Primary PI DOI-NPS-National Park Service	Fish & Wildlife Biology Population Status Survey for Schmoll's Milkvetch	4/1/02 - 4/30/03	02434101 13293	\$14,945
Anderson,David G Drummond Iii,Boyce A	Primary PI Co-PI USDA-USFS-Forest Research	Fish & Wildlife Biology Region 2 Species Assessments	10/1/01 - 12/31/04	02351201 12290	\$301,275
Anderson,David G	Primary PI DOD-USAF-Air Force	Fish & Wildlife Biology Noxious Weed Inventory	8/1/01 - 5/1/03	02325601 11189	\$45,143
Black,Anne E	Primary PI Colorado Division of Wildlife	Fish & Wildlife Biology Burrowing Owl Conservation Strategy	1/1/02 - 6/30/02	02403301 12772	\$24,945

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**Inter-departmental Project

Natural Resources - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount
Black,Anne E	Primary PI	Fish & Wildlife Biology The Nature Conservancy	Cherokee Park Weed Mapping 8/1/01 - 4/15/02	02319501 11932	\$10,859
Black,Anne E	Primary PI	Fish & Wildlife Biology Colorado Department of Transportation	Spatial Maximization of Prebles Meadow Jumping Mouse Habitat 9/1/01 - 12/31/01	02338201 11647	\$4,828
Black,Anne E	Primary PI	Fish & Wildlife Biology ** DOI-BLM-Bureau of Land Management	Sagebrush Mapping Project 9/1/01 - 2/28/02	02344401 12246	\$20,868
Clements,William H	Primary PI	Fish & Wildlife Biology USDA-CSREES-Coop State Rsrch Edu & Ext	Agricultural Impacts in Remote Alpine Systems: Are Atmospheric Nitrogen Deposition & UV-Radiation Disrupting Basic . . .	8/1/02 - 7/31/04 02380901 12670	\$89,992
Clements,William H	Primary PI	Fish & Wildlife Biology National Park Foundation	Ultra-Violet Radiation Effects on Stream Ecosystem Function 8/1/02 - 7/31/04	02357801 12414	\$100,000
Clements,William H	Primary PI	Fish & Wildlife Biology USDA-USFS-Forest Research	Monitoring Ecological & Physico-chemical Effects of the Cerro Grande Fire 10/1/01 - 9/30/04	02370901 12349	\$150,000
Covich,Alan P	Primary PI	Fish & Wildlife Biology NSF - National Science Foundation	Context-dependent Roles of Benthic Consumers in Processing Leaf Litter in Tropical Streams 7/1/02 - 6/30/06	02392301 12701	\$358,155
Covich,Alan P	Primary PI	Fish & Wildlife Biology University of Puerto Rico	Long Term Ecological Research III - Luquillo Experimental Forest, Puerto Rico 11/1/02 - 10/31/06	02401801 12978	\$108,004
Covich,Alan P Laituri,Melinda J Loomis,John B Ramirez,Jorge A Wohl,Ellen E	Primary PI Co-PI Co-PI Co-PI Co-PI	Fish & Wildlife Biology ** NSF - National Science Foundation	Rivers, Roads, & People: Complex Interactions of Overlapping Networks in Watersheds 7/1/02 - 6/30/07	02404301 12805	\$1,859,955
Culver,Denise R	Primary PI	Fish & Wildlife Biology DOI-BLM-Bureau of Land Management	Gunnison County Seeps & Springs Inventory 10/1/01 - 9/30/02	02349001 12277	\$15,000

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Culver,Denise R	Primary PI DOI-BLM-Bureau of Land Management	Fish & Wildlife Biology Mesa County Seeps & Springs Survey - Phase 2	9/1/01 - 9/30/02	02338301 12154	\$5,500
Culver,Denise R	Primary PI DOI-BLM-Bureau of Land Management	Fish & Wildlife Biology Roan Creek Seeps & Springs Survey	9/1/01 - 9/30/02	02338401 12155	\$5,000
Culver,Denise R	Primary PI Colorado Department of Natural Resources	Fish & Wildlife Biology Survey & Assessment of Critical Wetlands for La Plata County, Colorado	1/1/03 - 12/31/03	02379001 12656	\$113,222
Culver,Denise R	Primary PI DOI-BLM-Bureau of Land Management	Fish & Wildlife Biology Mesa County Seeps & Springs Survey	9/1/01 - 9/30/01	02333001 12065	\$2,500
Culver,Denise R	Primary PI DOI-BLM-Bureau of Land Management	Fish & Wildlife Biology San Juan County Survey of Critical Biological Resources	5/1/02 - 9/30/03	02452701 13526	\$12,999
Doyle,Georgia A	Primary PI El Paso County Parks	Fish & Wildlife Biology El Paso County Parks	12/20/01 - 6/30/02	02390901 12741	\$10,000
Doyle,Georgia A	Primary PI Colorado Department of Natural Resources	Fish & Wildlife Biology Survey & Assessment of Critical Wetlands in San Juan County, Colorado	1/1/03 - 12/31/03	02379101 12474	\$73,111
Fausch,Kurt D	Primary PI Colorado Division of Wildlife	Fish & Wildlife Biology Tools to Increase Translocation Success in Colorado River Cutthroat Trout	5/1/02 - 6/30/05	02429301 13316	\$164,000
Franklin,Alan B	Primary PI USDA - US Department of Agriculture	Fish & Wildlife Biology Ecotones as Components of Northern Spotted Owl Habitat in Managed Forest Ecosystems	4/1/02 - 3/30/03	02381001 12649	\$322,528
Gionfriddo,James P	Primary PI DOI-NPS-National Park Service	Fish & Wildlife Biology Great Sand Dunes & Florissant Fossil Beds Zoological Survey	1/2/02 - 12/31/02	02355701 12276	\$40,659
Lambert,Bradley A	Primary PI DOI-BLM-Bureau of Land Management	Fish & Wildlife Biology Canyon of the Ancient National Monument Herpetological Inventory	4/15/02 - 12/31/02	02446101 13296	\$2,684
Lambert,Bradley A	Primary PI DOI-BLM-Bureau of Land Management	Fish & Wildlife Biology Gunnison County Boreal Toad Surveys for the BLM	5/10/02 - 9/30/02	03487901 13463	\$11,200

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Lavender,Amy E	Primary PI Fish & Wildlife Biology DOI-BLM-Bureau of Land Management	Lynx Habitat Mapping Project Update FY 2002	9/15/01 - 11/1/02	02344301 12267	\$24,016
Lyon,Margarette J	Primary PI Fish & Wildlife Biology University of Wyoming	Native Plant Restoration Opportunities & Constraints	6/1/02 - 4/30/04	02456701 13174	\$41,463
Lyon,Margarette J	Primary PI Fish & Wildlife Biology DOI-BLM-Bureau of Land Management	Rare Plant Survey of Webster Geographic Area Plan	5/1/02 - 11/30/02	02458301 13529	\$7,759
Lyon,Margarette J	Primary PI Fish & Wildlife Biology Ridgway Town Council	Analysis of Current Vegetation & Revegetation Plan for the Uncompahgre River	11/1/01 - 4/1/02	02373101 12499	\$5,045
Lyon,Margarette J	Primary PI Fish & Wildlife Biology San Juan County Colorado	San Juan County Biological Assessment	4/1/02 - 6/1/03	02460801 12979	\$43,000
Myrick,Christopher A	Primary PI Fish & Wildlife Biology DOI-NPS-National Park Service	A Field & Theoretical Evaluation of a Waterfall Type Barrier to the Upstream Movement of Brook Charr in Rocky ...	5/1/02 - 4/30/03	02396501 12661	\$14,940
Myrick,Christopher A	Primary PI Fish & Wildlife Biology USDA - US Department of Agriculture	Fish Passage Structures for Non-Salmonid Fishes: An Evaluation of Current Technology & Fish Performance	8/1/02 - 8/31/05	02380601 12635	\$404,896
Myrick,Christopher A	Primary PI Fish & Wildlife Biology USDA - US Department of Agriculture	Measuring the Ability of Native Non-Gamefish to Negotiate Common Fish Passage Structures	8/1/02 - 8/31/05	02432401 13331	\$169,323
Myrick,Christopher A	Primary PI Fish & Wildlife Biology USDA - US Department of Agriculture	Modeling the Effectiveness of Drop-Structure Barriers to Upstream Movement of Brook Trout	8/1/02 - 12/31/04	02432501 13329	\$69,588
Myrick,Christopher A	Primary PI Fish & Wildlife Biology USDA-USFS-Forest Research	Modeling the Effectiveness of Waterfall-Type Barriers to Upstream Movement of Brook Charr	10/1/01 - 9/30/02	02340801 12097	\$10,000
Rocchio,Joseph F	Primary PI Fish & Wildlife Biology Colorado Department of Natural Resources	Survey & Assessment of Critical Wetlands in Southern Alamosa & Costilla Counties in the San Luis Valley	1/1/03 - 12/31/03	02379201 12651	\$79,399

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Savidge,Julie	Primary PI	Fish & Wildlife Biology DOI-NPS-National Park Service	Fire Patterns in the Ponderosa Pine/Upland Shrub System	8/15/01 - 02329001 9/30/05 12069	\$138,853
Schorr,Robert	Primary PI	Fish & Wildlife Biology DOI-BLM-Bureau of Land Management	Black-tailed Prairie Dog Surveys in Pueblo County	10/1/01 - 02350301 9/30/02 12286	\$10,013
Schorr,Robert	Primary PI	Fish & Wildlife Biology Greystone Consulting	Diet of Preble's Meadow Jumping Mouse	6/1/02 - 02433401 12/31/02 13315	\$10,791
Schorr,Robert	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	Preble's Mouse Surveys in Elbert County 2002	7/1/02 - 02468401 6/30/03 13868	\$129,995
Schorr,Robert	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	Small Mammal Atlas of Colorado (2002)	7/1/01 - 02365601 6/30/02 11889	\$70,297
Schorr,Robert	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	Preble's Meadow Jumping Mouse Surveys in Elbert County, Colorado	7/5/01 - 02332201 6/30/02 11898	\$4,995
Siemers,Jeremy	Primary PI	Fish & Wildlife Biology USDA-USFS-Forest Research	Arapaho-Roosevelt National Forest Management Indicator Species Evaluation	10/1/01 - 02344901 9/30/02 12205	\$21,017
Sovell,John R	Primary PI	Fish & Wildlife Biology Southwest Land Alliance	Upper San Juan Basin Biological Assessment	2/15/02 - 02410201 6/1/03 12984	\$40,100
Spackman,Susan	Primary PI	Fish & Wildlife Biology USDA-USFS-Forest Research	Plant Species Evaluations	10/1/01 - 02359601 6/30/02 12325	\$130,141
Spackman,Susan	Primary PI	Fish & Wildlife Biology USDA-USFS-Forest Research	Region 2 Species Assessments Round 2	10/1/02 - 02458001 6/30/03 13610	\$52,783
Spackman,Susan Handwerk,Jill E	Primary PI Co-PI	Fish & Wildlife Biology DOI-BLM-Bureau of Land Management	Roan Plateau Data Processing	2/1/02 - 02421701 3/30/02 13029	\$3,501
Spackman,Susan	Primary PI	Fish & Wildlife Biology The Xerces Society	Upper Arkansas River Rare Plant Pollinators	3/1/02 - 02378901 3/1/03 12652	\$3,750

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Spackman,Susan	Primary PI Colorado Department of Transportation	Fish & Wildlife Biology Noxious Weed Mapping Year 3	7/1/02 - 6/30/03	02452801 13509	\$76,372
Spackman,Susan	Primary PI DOI-BLM-Bureau of Land Management	Fish & Wildlife Biology Florence Rare Plant Inventory	7/11/01 - 5/1/02	02331001 11949	\$1,696
Spackman,Susan	Primary PI DOI-NPS-National Park Service	Fish & Wildlife Biology Florissant & Great Sand Dunes National Monuments Vascular Plant Inventories	8/1/01 - 12/31/02	02340401 12171	\$34,562
Stevens,Joseph E	Primary PI DOI-BLM-Bureau of Land Management	Fish & Wildlife Biology Biological Inventory of the Colorado Canyons National Conservation Area-Mack Ridge & Rabbit Valley Areas	3/1/02 - 12/30/02	02416801 12822	\$74,281
Stevens,Joseph E Bell,Jodie B Redente,Edward F	Primary PI Co-PI Collaborator DOI-NPS-National Park Service	Fish & Wildlife Biology ** Characterization & Assessment of National Park Historic Landscape Patterns	9/1/02 - 9/30/03	02410101 13111	\$39,999
Stevens,Joseph E	Primary PI DOI-BLM-Bureau of Land Management	Fish & Wildlife Biology Data Development & Delivery	10/1/01 - 10/31/02	02345001 12204	\$10,472
Stevens,Joseph E	Primary PI Colorado Division of Wildlife	Fish & Wildlife Biology Aquatic GIS Program Technician - Fiscal Year 2002	9/1/01 - 2/28/02	02341701 12199	\$20,750
Stevens,Joseph E	Primary PI DOI-NPS-National Park Service	Fish & Wildlife Biology Vegetation Classification & Mapping Assistance at Black Canyon & Curecanti	7/6/01 - 7/20/01	02323701 11945	\$2,248
Wilson,Kenneth R	Primary PI Clear Channel Communications of Colorado	Fish & Wildlife Biology Potential Impacts of a Communication Tower on Avian Species in Larimer County	4/1/02 - 6/30/04	02432901 13305	\$34,973
Wilson,Kenneth R	Primary PI Clear Channel Communications of Colorado	Fish & Wildlife Biology Potential Impacts of Two Communication Towers on Avian Species in Larimer County	2/1/02 - 3/30/05	02388301 12729	\$199,124
Wunder,Michael B	Primary PI Colorado Division of Wildlife	Fish & Wildlife Biology Mountain Plovers on Private Lands	7/1/02 - 6/30/03	02457501 13681	\$50,006

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Binkley, Daniel E	Primary PI Forest Sciences DOI-USGS-Geological Survey	Influence of Stand Structure on Growth & Resources Use in Rocky Mountain Forests	6/1/02 - 12/31/03	02456101 13692	\$19,982
Burke, Ingrid C	Primary PI Forest Sciences University of Colorado	Application of Hyperspectral & LIDAR Imaging to Fire Potential Assessment at the Urban-Forest Interface: A . . .	10/1/02 - 9/30/05	02406301 13040	\$163,828
Burns, Denver	Primary PI Forest Sciences EPA - Environmental Protection Agency	Western Hemisphere Monitoring Science & Technology Symposium: Unifying Knowledge for Sustainability in the New Millenium	10/1/02 - 9/30/04	03478901 13866	\$545,266
Cheng, Antony S	Primary PI Forest Sciences University of Virginia	Working through Paradoxes of Community-based Collaboration in Public Lands Management	7/1/02 - 9/30/03	02455301 13687	\$35,000
Cheng, Antony S	Primary PI Forest Sciences USDA-Forest Service-Pacific NW Exp Statn	Enhancing the Integration of Diverse Perspectives on Conserving Natural Resource Values Across Multiple Landscape Scales	8/31/01 - 8/31/04	02331601 12093	\$22,000
Dean, Denis J	Primary PI Forest Sciences NSF - National Science Foundation	Development & Testing of a Probabilistic, Temporally Dynamic Geographic Information System	1/1/02 - 12/31/04	02350101 12282	\$891,752
Dean, Denis J	Primary PI Forest Sciences NSF - National Science Foundation	Development of a Combined Genetic Programming & Geographic Information System Shareware Package for Researchers	7/1/02 - 6/30/04	02433601 13355	\$220,828
Omi, Philip N	Primary PI Forest Sciences DOI - US Department of the Interior	Physical & Biological Effects of Reseeding for Purposes of Post Fire Rehabilitation & Soil Stabilization	5/1/03 - 4/30/05	02447501 13548	\$153,873
Reich, Robin M	Primary PI Forest Sciences USDA - US Department of Agriculture	Estimating the Efficacy of Fuels Management on Wildlife Frequency & Intensity on the Black Hills National Forest	7/1/02 - 8/31/02	02477501 13936	\$43,000
Reich, Robin M	Primary PI Forest Sciences USDA-USFS-Forest Research	Status Assessment of the Three-toed Woodpecker	10/1/01 - 3/31/02	02349801 12336	\$13,201

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Romme,William H	Primary PI State of New Mexico	Forest Sciences Developing a Community Stewardship Program for Monitoring Ponderosa Pine Restoration in Southwest Colorado	6/1/02 - 11/30/03	02423201 13243	\$56,225
Romme,William H	Primary PI UMASS-University of Massachusetts	Forest Sciences Dynamic Landscape Modeling in the San Juan & Uncompaghre National Forests, Colorado	10/1/01 - 9/30/03	02342001 12234	\$24,914
Romme,William H	Primary PI NSF - National Science Foundation	Forest Sciences Spatial & Temporal Patterns of Net Ecosystem Production in a Fire-dominated Coniferous Forest Landscape	9/1/02 - 8/31/05	02397001 12793	\$602,059
Bright,Alan D	Primary PI USDA-USFS-Pacific SW	Nat Res Recreation & Tourism The Effects of Perceived Wildlife Risk, Values & Information on Residents' Behaviors Regarding the Creation of ...	6/1/02 - 5/30/04	02457901 13701	\$42,499
Lehto,Xinran You	Primary PI State of Colorado	Nat Res Recreation & Tourism Colorado Welcome Center Survey	7/1/02 - 6/30/03	02458401 13712	\$25,000
Manfredo,Michael J Bright,Alan	Primary PI Co-PI Intl Assoc of Fish & Wildlife Agencies	Nat Res Recreation & Tourism Wildlife Values in the West	11/1/02 - 12/31/04	02382901 12690	\$541,940
Manfredo,Michael J Bright,Alan D	Primary PI Co-PI Western Assoc. of Fish & Wildlife Agency	Nat Res Recreation & Tourism Wildlife Values in the West	5/1/03 - 6/30/05	02467001 13764	\$622,687
Manfredo,Michael J Bright,Alan	Primary PI Co-PI Intl Assoc of Fish & Wildlife Agencies	Nat Res Recreation & Tourism Human Dimensions Regional Survey--Pilot Phase	9/1/01 - 9/1/03	02383001 11842	\$99,562
Titre,John P	Primary PI DOI-NPS-National Park Service	Nat Res Recreation & Tourism Rocky Mountain National Park Visitor Use in Wilderness	5/10/02 - 9/30/06	02452601 13649	\$53,429
Baron,Jill	Primary PI EPA-Office of Administration	Natural Resource Ecology Lab Assessing Ecosystem Response to Atmospheric Deposition in Western U.S. Mountains & Select LTER Sites	7/1/02 - 6/30/05	02454001 13576	\$225,000

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Baron,Jill Covich,Alan P	Primary PI Co-PI	Natural Resource Ecology Lab ** EPA - Environmental Protection Agency	Vulnerability of South Platte River Basin Aquatic Ecosystems & Water Quality to Severe Sustained Drought	4/1/02 - 3/31/04	02369001 12448	\$69,984
Baron,Jill	Primary PI	Natural Resource Ecology Lab NSF - National Science Foundation	Workshop Proposal to Develop Collaborative Research Among Ukraine & United States Ecologists	3/1/02 - 2/28/03	02323901 11457	\$66,090
Binkley,Daniel E	Primary PI	Natural Resource Ecology Lab National Parks & Conservation Assoc.	National Parks Vital Sign Project	2/25/00 - 6/30/02	02343401 12284	\$79,106
Conant,Richard T	Primary PI	Natural Resource Ecology Lab University of Colorado	Carbon Cycle Science: Information for Policy Makers	10/1/02 - 9/30/04	02443201 13378	\$86,370
Conant,Richard T Parton,William J Paustian,Keith H Schutter,Mary E	Primary PI Co-PI Co-PI Co-PI	Natural Resource Ecology Lab ** NSF - National Science Foundation	Decoupling of Carbon & Nitrogen Cycling in Disturbed Agroecosystems: Implications for Greenhouse Gas Fluxes	7/1/02 - 6/30/07	02421601 12716	\$1,998,748
Conant,Richard T Boone,Randall B Coughenour,Michael B Milchunas,Daniel G	Primary PI Co-PI Co-PI Co-PI	Natural Resource Ecology Lab USDA - US Department of Agriculture	Solidifying the Aboveground Net Primary Production -Belowground Net Primary Production Soil Carbon Linkage in Grasslands	5/1/02 - 4/30/05	02380401 12622	\$447,363
Galvin,Kathleen	Primary PI	Natural Resource Ecology Lab University of California at Davis	Livestock Herders' Access to Markets in Kazakhstan	3/31/02 - 9/30/03	02396001 12708	\$49,970
Galvin,Kathleen	Primary PI	Natural Resource Ecology Lab University of California at Davis	Wildlife Utilization in Kajiado District, Kenya: Land Tenure & Land Use Constraints	7/1/02 - 6/30/04	02466101 13775	\$5,000
Hanan,Niall P	Primary PI	Natural Resource Ecology Lab DOE - US Department of Energy	Carbon & Water Management in Conservation Reserve Program Lands of the Shortgrass Prairie	7/1/02 - 6/30/05	02369701 12354	\$428,769
Hanan,Niall P	Primary PI	Natural Resource Ecology Lab NSF - National Science Foundation	Do Light Profiles Control Physiological Profiles in Plant Canopies?	6/1/02 - 5/31/05	02398101 12535	\$490,854

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Hanan,Niall P Denning,A Scott	Primary PI Co-PI	Natural Resource Ecology Lab ** DOC-NOAA-Natl Oceanic & Atmospheric Admn	The Role of Africa in Terrestrial & Atmospheric CO2	9/1/02 - 8/31/05	02443101 13286	\$1,187,488
Hanan,Niall P Denning,A Scott	Primary PI Co-PI	Natural Resource Ecology Lab ** NSF - National Science Foundation	The Role of Africa in Terrestrial & Atmospheric Carbon Dioxide	9/1/02 - 8/31/05	02426301 12988	\$1,187,488
Hanan,Niall P	Primary PI	Natural Resource Ecology Lab University of Tennessee/Battelle LLC	ARM Carbon Modeling & Land Surface- Atmosphere Model Applications	2/15/02 - 10/15/02	02413401 13147	\$13,504
Hobbs,N. Thompson Chapman,Phillip Lee	Primary PI Co-PI	Natural Resource Ecology Lab ** NSF - National Science Foundation	The Interplay of Humans & Wildlife on Savanna Landscapes	6/1/02 - 5/31/06	02399301 12619	\$166,172
Hobbs,N. Thompson	Primary PI	Natural Resource Ecology Lab NSF - National Science Foundation	Workshop Supplement to DEB-0091961	9/15/00 - 8/31/05	02456501 13697	\$13,216
Kalkhan,Mohammed Stohlgren,Thomas J	Primary PI Co-PI	Natural Resource Ecology Lab DOI-USGS-Geological Survey	Carbon Cycle Science & Related Opportunities in Biology & Biogeochemistry of Ecosystems & Application	3/1/02 - 2/28/05	02410601 13122	\$675,747
Kalkhan,Mohammed Stohlgren,Thomas J	Primary PI Co-PI	Natural Resource Ecology Lab DOI-USGS-Geological Survey	Documenting, Mapping, & Predicting the Invasion of Non-Native Plants, Animal, and Diseases in the US...	3/1/02 - 12/31/03	02409101 13041	\$86,005
Ojima,Dennis	Primary PI	Natural Resource Ecology Lab University of California at Davis	Co-Benefits of Grassland Regeneration of Abandoned Wheat Areas . . .	4/1/02 - 9/30/03	02395901 12858	\$49,999
Ojima,Dennis Bieman,James M Mckeown,Rebecca Vukicevic,Tomislava	Primary PI Co-PI Co-PI Co-PI	Natural Resource Ecology Lab ** NSF - National Science Foundation	Computer Science & Analytical Advancements for Earth System Analysis	6/1/02 - 5/31/06	02380001 12467	\$4,989,892
Ojima,Dennis Galvin,Kathleen	Primary PI Co-PI	Natural Resource Ecology Lab Pennsylvania State University	Crop Impact Modeling & Assessment	9/1/01 - 6/30/04	02329101 12073	\$243,766

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Ojima,Dennis Estep,Donald J	Primary PI Co-PI	Natural Resource Ecology Lab ** DOC-NOAA-Natl Oceanic & Atmospheric Admn	Data Assimilation & Adaptive Error Control for a Next Generation Biosphere Model	7/1/02 - 6/30/05	02446201 13495	\$447,991
Ojima,Dennis Baron,Jill	Primary PI Co-PI	Natural Resource Ecology Lab DOI-BLM-Bureau of Land Management	Modeling the Timeline for Acidification from Excess Nitrogen Deposition in Rocky Mountain National Park	6/1/02 - 5/31/05	02453801 13547	\$71,250
Ojima,Dennis Romme,William H	Primary PI Co-PI	Natural Resource Ecology Lab ** University of Maryland	Predicting Community Response to Disturbance- Induced Changes in Ecosystem Processes	7/1/02 - 6/30/07	02417001 12900	\$999,941
Ojima,Dennis	Primary PI	Natural Resource Ecology Lab UCAR-NCAR-Nat Ctr for Atmospheric Res	The Human Perturbation to the Global N Cycle	8/1/02 - 7/31/03	02421201 13094	\$497,487
Ojima,Dennis	Primary PI	Natural Resource Ecology Lab NASA - Natl Aeronautics & Space Admin.	Use of Stable Isotopes in the Study of Trace Gas Fluxes between Terrestrial Vegetation & the Atmosphere in Short . . .	9/1/02 - 8/31/05	02431701 13332	\$24,000
Parton,William J	Primary PI	Natural Resource Ecology Lab Duke University	Continental Drying & Carbon Sequestration	9/1/02 - 8/31/05	02423401 13249	\$163,006
Parton,William J	Primary PI	Natural Resource Ecology Lab University of Colorado	Crop Impact Modeling & Assessment	9/1/01 - 6/30/04	02329801 12074	\$70,000
Parton,William J Baron,Jill	Primary PI Co-PI	Natural Resource Ecology Lab DOI-USGS-Geological Survey	Responses of Hydrologic & Aquatic Ecosystem Processes to Potential Global Change on Watershed, Drainage Basin ...	10/1/02 - 9/30/03	02469301 13860	\$54,956
Paustian,Keith H	Primary PI	Natural Resource Ecology Lab USDA-NRCS-Natural Resources Consvtn Srv	Quantifying the Change in Greenhouse Gas Emissions Due to Natural Resource Conservation Practice Application	7/1/02 - 9/30/04	02472901 13916	\$20,000
Paustian,Keith H Breidt,F.Jay	Primary PI Collaborator	Natural Resource Ecology Lab ** EPA - Environmental Protection Agency	National Agricultural Soil Carbon Inventory & IPCC Good Practices Guidelines: Project Workplan & Deliverables	6/1/02 - 5/31/03	02455801 13672	\$80,000

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Porazinska,Dorota	Primary PI	Natural Resource Ecology Lab Montana State University	Collaborative Proposal: Investigation of the Cryoconite Holes of the McMurdo Dry Valleys: Implications for Hydro...	10/1/03 - 02467601 9/30/06 13544	\$140,371
Porazinska,Dorota Wall,Diana H	Primary PI Co-PI	Natural Resource Ecology Lab National Geographic Society	In Search of Biota on the Antarctic Dry Valleys Glaciers	12/1/01 - 02327401 7/15/02 12017	\$10,000
Simmons,Carol L	Primary PI	Natural Resource Ecology Lab DOI-USGS-Geological Survey	Database Design & Data Applications Development for the Joint Fire Science Program	2/1/02 - 02396901 1/31/05 12859	\$84,006
Six,Johan W	Primary PI	Natural Resource Ecology Lab DOE - US Department of Energy	NOX Emissions from Biomass Combustion	2/1/02 - 02383901 1/31/04 12700	\$54,673
Slusser,James R Gao,Wei	Primary PI Co-PI	Natural Resource Ecology Lab USDA - US Department of Agriculture	Development & Management of a USDA Ultraviolet Broadband (UVB) Monitoring Program	10/1/02 - 02419801 9/30/03 13172	\$1,311,377
Swift,David M	Primary PI	Natural Resource Ecology Lab University of California at Davis	Finding Balance in a Changing System: an Integrated Assessment of the Pastoral-Wildlife- Agricultural ...	7/1/02 - 02467301 6/30/04 13804	\$5,000
Theobald,David M	Primary PI	Natural Resource Ecology Lab University of Colorado	Population & Land Use Change in Colorado Watersheds	12/1/02 - 02408801 11/30/04 12987	\$160,722
Wall,Diana H Parsons,Andrew N	Primary PI Co-PI	Natural Resource Ecology Lab Ohio State University	Soil Biodiversity & Response to Climate Change: A Regional Comparison of Cape Hallett & Taylor Valley, Antarctica	7/1/03 - 02462901 6/30/06 13694	\$148,108
Wall,Diana H	Primary PI	Natural Resource Ecology Lab Winslow Foundation	International Workshop on Soil & Sediment Biodiversity & Ecosystem Functioning	5/1/02 - 02428601 4/30/04 13225	\$125,000
Welker,Jeffrey M	Primary PI	Natural Resource Ecology Lab NASA - Natl Aeronautics & Space Admin.	Belowground Plant Processes & the Storage of Carbon in Alaskan Tussock Tundra	9/1/02 - 02432101 8/31/05 13326	\$24,000

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Welker,Jeffrey M Conant,Richard T Fahnestock,Jace T Kelly,Eugene F	Primary PI Co-PI Co-PI Co-PI	Natural Resource Ecology Lab ** NSF - National Science Foundation	Carbon Cycling Processes, Patterns, & Responses to Projected Changes in Climate across North American Biomes Using . . .	9/1/02 - 8/31/07	02425901 13216	\$1,519,022
Welker,Jeffrey M	Primary PI	Natural Resource Ecology Lab NSF-Polar Programs	Collaborative Research: Climatic Controls on Isotopic ($\delta^{18}O$ & δD) Geochemistry of Pan Arctic Precipitation . . .	1/1/03 - 12/31/07	02465201 13503	\$2,213,378
Welker,Jeffrey M	Primary PI	Natural Resource Ecology Lab University of Wyoming	Controls on Carbon Sequestration on Northern Mountain Rangelands	7/15/01 - 7/14/03	02327901 12026	\$89,901
Welker,Jeffrey M Fahnestock,Jace T	Primary PI Co-PI	Natural Resource Ecology Lab NSF - National Science Foundation	Coupling of Carbon & Water Cycles in a Cold, Dry Ecosystem: Integrative Physical, Chemical & Biological Processes . . .	7/1/02 - 6/30/07	02421101 12913	\$1,994,350
Welker,Jeffrey M	Primary PI	Natural Resource Ecology Lab DOE - US Department of Energy	Dual Effect of Long-Term Deeper Snow & Warmer Summer Temperatures on Artic Tundra N & Water Processes	5/1/02 - 4/30/05	02349901 12022	\$640,556
Welker,Jeffrey M	Primary PI	Natural Resource Ecology Lab DOE - US Department of Energy	Mixedgrass Prairie Response to Simultaneous Changes in Winter Snow & Summer Precipitation	6/1/02 - 5/31/05	02369801 12425	\$449,997
Welker,Jeffrey M Fahnestock,Jace T	Primary PI Co-PI	Natural Resource Ecology Lab NSF - National Science Foundation	Synchrony in Carbon, Nitrogen & Water Processes in Northern Mixed-Grass Prairie: Year-long Responses to Long-term . . .	7/1/02 - 6/30/07	02397801 12637	\$1,059,672
Welker,Jeffrey M	Primary PI	Natural Resource Ecology Lab NSF - National Science Foundation	Collaborative Research: Winter C Flux in Arctic Ecosystems Under Changing Climate: Effects of Soil Carbon & Active...	9/1/01 - 4/30/03	02341101 12196	\$85,472
Bradford,John B	Primary PI	Rangeland Ecosystem Science NASA - Natl Aeronautics & Space Admin.	Environmental & Land-use Controls of Cheatgrass Invasion	9/1/02 - 8/31/03	02430101 13322	\$23,905
Child,R. Dennis	Primary PI	Rangeland Ecosystem Science DOI-USGS-Geological Survey	Sustainable Rangelands Roundtable	3/1/02 - 12/31/02	02416701 13154	\$20,000

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**Inter-departmental Project

Natural Resources - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount
Woodmansee,Robert G Primary PI	Rangeland Ecosystem Science USDA-USFS-Rocky Mtn. Rsrch Station - CO	Exurban Development in the Southern Rocky Mountains	7/1/02 - 6/30/03	02451801 13613	\$6,000
Natural Resources Total:				\$48,356,472	

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**Inter-departmental Project

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Natural Sciences - Proposals

Investigators/Collaborators		Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount
Bamburg,James R	Primary PI	Biochemistry & Molecular Bic HHS-NIH-National Institutes of Health	Cytoskeletal Regulation of Endothelial Cell Pathobiology	12/1/02 - 11/30/07	02405301 12969	\$79,109
Bamburg,James R	Primary PI	Biochemistry & Molecular Bic HHS-NIH-Center for Scientific Review	Growth Cone Guidance via Modulation of Actin Dynamics	4/1/02 - 3/31/05	02329201 12054	\$170,543
Bamburg,James R	Primary PI	Biochemistry & Molecular Bic Front Range Community College	Integrated Courses in Molecular Biosciences for Community Colleges	6/1/02 - 5/31/05	02367801 12538	\$442,377
Bamburg,James R	Primary PI	Biochemistry & Molecular Bic Pfizer Inc - Animal Health	Role of Actin Depolymerizing Factor/Cofilin in Pax3 Induced Actin Cytoskeleton Reorganization	9/1/02 - 8/31/04	03496201 13542	\$53,500
Bamburg,James R	Primary PI	Biochemistry & Molecular Bic Hunters Hope Foundation	Role of Actin Depolymerizing Factor/Cofilin in Pax-3 Induced Actin Cytoskeleton Reorganization	9/1/02 - 8/31/04	02446401 13541	\$85,802
Bamburg,James R	Primary PI	Biochemistry & Molecular Bic Spinal Cord Research Foundation	Role of Actin Depolymerizing Factor/Cofilin in Pax3 Induced Cytoskeletal Reorganization & Tissue Morphogenesis	1/1/03 - 12/31/04	02463101 13788	\$100,000
Curthoys,Norman P Anderson,Oren P	Primary PI Co-PI	Biochemistry & Molecular Bio ** American Heart Association	Mitochondrial Glutaminase: A Novel Target for Stroke Therapy	7/1/02 - 6/30/05	02405101 12896	\$214,500
Curthoys,Norman P Anderson,Oren P	Primary PI Co-PI	Biochemistry & Molecular Bio ** American Heart Association	Mitochondrial Glutaminase: A Novel Target for Stroke Therapy	1/1/02 - 12/31/03	02327701 12002	\$200,000
Curthoys,Norman P Anderson,Oren P	Primary PI Co-PI	Biochemistry & Molecular Bio ** American Heart Association	Mitochondrial Glutaminase: A Novel Target for Stroke Therapy	7/1/02 - 6/30/05	02415601 12897	\$110,000
Curthoys,Norman P	Primary PI	Biochemistry & Molecular Bic HHS-NIH-National Institutes of Health	Regulation of Renal PEPCK Gene Expression	12/1/02 - 11/30/07	02423301 13179	\$1,500,000
Knotts,Trina A	Primary PI	Biochemistry & Molecular Bic HHS-NIH-National Institutes of Health	Role of Ceramide in Insulin Resistance	9/1/02 - 9/1/05	02442101 13467	\$36,592

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**Inter-departmental Project

Natural Sciences - Proposals

Investigators/Collaborators		Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount
Laybourn,Paul J	Primary PI	Biochemistry & Molecular Bic HHS-NIH-National Institutes of Health	Role of H1 in HTLV-I Tax Transactivation	12/1/02 - 11/30/07	02409901 12638	\$1,594,248
Laybourn,Paul J	Primary PI	Biochemistry & Molecular Bic Cancer League of Colorado, Inc.	The Role of Histone H1 in Human T-cell Lymphotropic Virus-I Tax Transactivation	7/1/02 - 6/30/03	02447901 13506	\$36,000
Laybourn,Paul J Curthoys,Norman P	Primary PI Co-PI	Biochemistry & Molecular Bic NSF - National Science Foundation	Undergraduate Research in Molecular Biosciences	6/1/02 - 5/31/05	02383401 12283	\$336,960
Luger,Karolin	Primary PI	Biochemistry & Molecular Bic HHS-NIH-Nat Inst of General Medical Sci	Chemical Probes for Nucleosome Structure & Function	12/1/02 - 11/30/07	02409801 13061	\$2,475,167
Luger,Karolin	Primary PI	Biochemistry & Molecular Bic HHS-NIH-Nat Inst of General Medical Sci	Inhibition of HIV Gene Transcription by Small Molecules	9/1/01 - 8/31/02	02330101 12031	\$72,500
Luger,Karolin	Primary PI	Biochemistry & Molecular Bic March of Dimes Birth Defects Foundation	Structure & Function of a Histone Variant that is Critically Involved in X-Inactivation	6/1/02 - 5/31/05	02361401 12329	\$237,442
Luger,Karolin	Primary PI	Biochemistry & Molecular Bic HHS-NIH-Nat Inst of General Medical Sci	Structure & Function of Nucleosome Assembly Protein 1	4/1/03 - 5/31/08	02463801 13753	\$1,417,843
Nyborg,Jennifer K	Primary PI	Biochemistry & Molecular Bic HHS-NIH-National Institutes of Health	Transcriptional Regulation by the HTLV-I Tax Protein	12/1/02 - 11/30/07	02424001 13223	\$1,775,010
Peersen,Olive B	Primary PI	Biochemistry & Molecular Bic HHS-NIH-National Institutes of Health	A Pathway for the Assembly of O.nova Telomere Complexes	12/1/02 - 11/30/07	02411101 13010	\$1,255,790
Peersen,Olive B	Primary PI	Biochemistry & Molecular Bic NSF - National Science Foundation	Assembly & Higher Order Oligomerization of Telomere Complexes	8/1/02 - 7/31/06	02401001 12770	\$536,893
Peersen,Olive B	Primary PI	Biochemistry & Molecular Bic Searle Scholars Program	Structure, Dynamics, & Regulation of Higher Order Telomere Complexes	7/2/01 - 6/30/05	02362501 12292	\$240,000
Schenck,Craig C	Primary PI	Biochemistry & Molecular Bic NSF - National Science Foundation	Collaborative Research: Light-harvesting (LH1) Distance Constraints by EPR	1/1/02 - 12/31/05	02325201 11070	\$504,077

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Natural Sciences - Proposals

Investigators/Collaborators		Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount
Stargell,Laurie A	Primary PI	Biochemistry & Molecular Bic HHS-NIH-National Institutes of Health	Genetic Analysis of Transcription Initiation	1/1/03 - 12/31/07	02424201 13100	\$1,587,608
Summers,Scott A	Primary PI	Biochemistry & Molecular Bic PEW Charitable Trusts	The Role of Ceramide in Insulin Resistance	7/1/02 - 6/30/05	02373401 12569	\$239,988
Antolin,Michael F	Primary PI	Biology NSF - National Science Foundation	Genetic & Demographic Analysis of a Prairie Dog Metapopulation	7/1/02 - 6/30/05	02400901 12861	\$492,002
Antolin,Michael F Powell,Erin Margaret Van Horne,Beatrice	Primary PI Co-PI Collaborator	Biology NSF - National Science Foundation	Torpor Patterns, Diet & Lipid Composition of Free Ranging Prairie Dogs	6/1/02 - 6/1/04	02382201 12592	\$9,466
Antolin,Michael F	Primary PI	Biology DOI-USGS-Geological Survey	Plague Database for Wildlife in Western North America	7/1/02 - 6/30/03	02442901 13448	\$9,300
Johnson,James Bradley	Primary PI	Biology Colorado Geological Survey	Developing a Rapid Assessment Approach to Evaluating the Effectiveness of Compensatory Wetland Mitigation . . .	3/1/02 - 6/1/04	02420601 13112	\$39,193
Medford,June I Beveridge,J Ross	Primary PI Co-PI	Biology ** NSF - National Science Foundation	Enhancement & Evaluation of a System for In Vivo Imaging of Gene Expression	12/15/01 - 12/14/03	02328301 11908	\$420,143
Medford,June I	Primary PI	Biology Purdue University	Identification & Characterization of Cell Wall Mutants in Maize & Arabidopsis Using Novel Spectroscopies	9/1/02 - 8/31/07	02398201 12884	\$1,938,950
Medford,June I	Primary PI	Biology Invitrogen Corporation	In Vivo Gene Expression Technology	4/15/02 - 4/14/03	02435901 13346	\$98,662
Medford,June I Alciatore,David Beveridge,J Ross	Primary PI Co-PI Co-PI	Biology ** NSF - National Science Foundation	Instrumentation for Producing in vivo Three- Dimensional Genomic-Scale Databases	1/2/02 - 1/1/05	02355801 12239	\$1,005,703
Moore,Janice K	Primary PI	Biology Canine Health Foundation, Inc.	Behaviors in Puppies that Indicate Future Aggression . . . Prediction & Prevention	7/15/02 - 7/15/04	02378101 12644	\$88,023

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**Inter-departmental Project

Natural Sciences - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount
Mykles,Donald L	Primary PI NSF - National Science Foundation	Biology Characterization of a Limb Autonomy Factor, LAFpro that Suspends Molting in Crustaceans	8/1/02 - 7/31/05	02396301 12856	\$350,806
Poff,N. Leroy Bledsoe,Brian Hoeting,Jennifer A Ramirez,Jorge A	Primary PI Co-PI Co-PI Co-PI EPA - Environmental Protection Agency	Biology ** A National Framework for Ecohydrologic Regime Classification	10/1/02 - 9/30/05	02407601 13059	\$595,485
Reddy,Anireddy S N	Primary PI USDA - US Department of Agriculture	Biology Biochemical Characterization of a Novel Family of Six Putative DNA-binding Proteins	8/1/02 - 7/31/05	02420501 13196	\$298,992
Reddy,Anireddy S N	Primary PI NSF - National Science Foundation	Biology Functional Analysis of a Pollen-specific Calmodulin-binding Protein from Arabidopsis	2/1/02 - 1/31/05	02327101 12052	\$396,605
Reddy,Anireddy S N	Primary PI NSF - National Science Foundation	Biology Functional Analysis of a Pollen-specific Calmodulin-binding Protein from Arabidopsis	8/1/02 - 7/30/05	02398301 12855	\$399,273
Reddy,Anireddy S N	Primary PI HHS-NIH-Center for Scientific Review	Biology Genome-wide Characterization of Calmodulin-binding Proteins in Arabidopsis	6/1/02 - 5/31/07	02358201 12442	\$1,268,750
Simmons,Mark	Primary PI NSF - National Science Foundation	Biology Nucleotide vs. Amino Acid Characters for Phylogenetic Inference Using Protein-coding Loci	8/1/02 - 8/1/05	02388401 12646	\$215,281
Simmons,Mark	Primary PI NSF - National Science Foundation	Biology Phylogeny of the Celastrales & Diversification of the Aril	6/1/03 - 6/1/06	02467701 12704	\$198,311
Stack,Stephen	Primary PI Purdue University	Biology The Genetics of Genetics	9/1/02 - 8/31/07	02397201 12875	\$870,673
Wiens,John A Bossenbroek,Jonathan M	Primary PI Co-PI NSF - National Science Foundation	Biology Scaling Functions & Mechanisms in Animal Responses to Landscape Structure	5/1/02 - 5/1/04	02381201 12650	\$7,400
Wilson,Thomas G	Primary PI HHS-NIH-Center for Scientific Review	Biology ** Juvenile Hormone Receptor in Flies & Mosquitoes	4/1/02 - 3/30/06	02362301 12406	\$857,234

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Natural Sciences - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount
Wright,William G	Primary PI NSF - National Science Foundation	Biology Evolutionary Role of Neuromodulation in Associative Memory	1/1/02 - 12/31/05	02323801 11976	\$423,019
Geary,Edward E Warnock,Andrew C	Primary PI Co-PI NSF - National Science Foundation	Center For Sci, Math & Tech Ed Track One: Science Assessments for Learners & Teachers (SALT)	10/1/02 - 9/30/04	02433701 13340	\$159,612
Barisas,B George	Primary PI NSF - National Science Foundation	Chemistry Fluorescence Lifetime Spectrometer with Interfaced Microscope	1/1/02 - 12/31/03	02368801 12450	\$122,051
Barisas,B George	Primary PI NSF - National Science Foundation	Chemistry Improved Apparatus for Time-resolved Phosphorescence Anisotropy & Fluorescence Depletion Anisotropy ...	1/1/20 - 12/31/06	02343801 12198	\$774,958
Barisas,B George	Primary PI DOE - US Department of Energy	Chemistry Molecular Aggregation Processes on Cell Surfaces	7/1/02 - 6/30/05	02414901 13009	\$441,576
Barisas,B George	Primary PI NSF - National Science Foundation	Chemistry Signal Transduction by MHC Class II Molecules`	10/1/02 - 9/30/06	02403101 12773	\$656,144
Bernstein,Elliot R Szamel,Grzegorz	Primary PI Co-PI NSF - National Science Foundation	Chemistry Heterogeneous Nucleation & Growth of Water Clusters in the Gas Phase	6/1/02 - 5/31/05	02378001 12476	\$350,001
Bernstein,Elliot R	Primary PI Philip Morris, Incorporated	Chemistry Metal Oxide-Cluster & Nanoparticle Catalyzed Reactions of Small Gas Phase Molecules: CO & NO on Iron & Copper Oxide	1/1/02 - 12/31/04	02392001 12782	\$378,445
Bernstein,Elliot R	Primary PI Philip Morris, Incorporated	Chemistry Radical Chemistry in Cigarette Smoke	3/1/02 - 2/28/05	02336901 12066	\$570,001
Chen,Eugene Y	Primary PI NSF - National Science Foundation	Chemistry Functional & Stereoblock Polymers by Well-Defined Organometallic Catalysts	5/1/02 - 5/1/07	02330301 11999	\$597,362
Chen,Eugene Y	Primary PI Dow Chemical Company	Chemistry Hydroxyl-Functionalized Polyols via Acid-Catalyzed Cationic Ring-Opening Polymerization of Heterocyclic Monomers	1/1/02 - 12/31/02	02372701 12582	\$65,201

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Natural Sciences - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount	
Chen,Eugene Y	Primary PI	Chemistry Arnold & Mabel Beckman Foundation	Steroblock Polar Polymers by Metallocene/Lewis Acid Catalysts	9/1/02 - 8/31/05	02359901 12355	\$240,000
Crans,Debbie C Anderson,Oren P Lacour,Agnete	Primary PI Co-PI Co-PI	Chemistry NSF - National Science Foundation	Protein Interactions with Simple Oxometalates	9/1/02 - 8/31/05	02399601 12860	\$479,988
Crans,Debbie C Levinger,Nancy E	Primary PI Co-PI	Chemistry HHS-NIH-National Institutes of Health	Transport, Toxicology, Gene & Protein Expression of Insulin-Like Vanadium Compounds	4/1/03 - 3/31/07	02466701 13802	\$1,780,217
Dorhout,Peter K	Primary PI	Chemistry DOE - US Department of Energy	A Study of New Actinide Main Group Metal Materials	6/1/02 - 5/31/05	02418301 12863	\$341,362
Dorhout,Peter K	Primary PI	Chemistry NSF - National Science Foundation	Acquisition of a SQUID Magnetometer for the Central Instrument Facility at CSU	7/1/02 - 6/30/05	02404501 12991	\$191,538
Elliott,C Michael	Primary PI	Chemistry NSF - National Science Foundation	Chemically Selective Sensors Based on Novel Conducting Polymers	6/1/02 - 5/31/03	02403001 12940	\$35,000
Elliott,C Michael	Primary PI	Chemistry NSF - National Science Foundation	Electrochemically Active Polymers - Designing Compositional Structures & Electronic Properties	1/1/02 - 2/28/04	02353401 12347	\$518,589
Elliott,C Michael	Primary PI	Chemistry DOE - US Department of Energy	Fundamental Studies on Nanoscale Assemblies in Solar Photochemical & Photoelectrochemical Energy Conversion	6/1/02 - 5/31/05	02417501 13157	\$478,840
Elliott,C Michael Belfiore,Laurence A Dorhout,Peter K Meersmann,Thomas Rithner,Christopher D	Primary PI Co-PI Co-PI Co-PI Co-PI	Chemistry ** NSF - National Science Foundation	Purchase of Magnetochemical Materials Analysis Instrumentation	1/1/02 - 12/31/02	02324001 11952	\$429,998
Elliott,C Michael	Primary PI	Chemistry DOD-ARMY-ARO-Army Research Office	Workshop on Electrochemical Biosensors	8/16/02 - 8/15/03	02470201 13782	\$20,000

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**Inter-departmental Project

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Natural Sciences - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount	
Finke,Richard G	Primary PI	Chemistry DOE - US Department of Energy	Transition-Metal Nanoclusters: Soluble Heterogeneous Catalysts	3/1/02 - 2/28/05	02348901 12310	\$537,377
Fisher,Ellen R Dandy,David S Grainger,David W	Primary PI Co-PI Co-PI	Chemistry ** NSF - National Science Foundation	CRC: Towards the Rational Design & Control of Plasma Generated Materials for Biocompatible Coatings	7/1/02 - 6/30/05	02390801 12764	\$1,161,781
Fisher,Ellen R	Primary PI	Chemistry NSF - National Science Foundation	Mechanistic Studies of Plasma Deposition & Etching for Integrated Circuit Materials	3/1/02 - 2/28/05	02340901 12143	\$497,338
Grainger,David W Barisas,B George	Primary PI Co-PI	Chemistry HHS-NIH-Center for Scientific Review	Multi-technique Characterization of DNA Microarrays	10/1/02 - 9/30/06	02451001 13558	\$1,589,520
Grainger,David W Hanneman,William H Howell,Mark D	Primary PI Co-PI Co-PI	Chemistry ** HHS-NIH-National Institutes of Health	Validating Macrophage Foreign Body Inflammatory Response	1/1/03 - 12/31/06	02472701 13773	\$1,330,648
Grainger,David W	Primary PI	Chemistry DOI-NPS-National Park Service	New Methods to Encapsulate Live Vaccine	5/15/02 - 8/15/02	02463201 13727	\$16,301
Grainger,David W	Primary PI	Chemistry MRS-Materials Research Society	Enzymatically Grafted Biomaterial Surfaces for Neuron Culture	11/16/01 - 5/16/02	02364901 12525	\$1,000
Greenberg,Marc M	Primary PI	Chemistry HHS-NIH-National Institutes of Health	Effects of Formamidopyrimidine Lesions on DNA	12/1/02 - 11/30/06	02427001 13248	\$1,157,100
Hegedus,Louis S	Primary PI	Chemistry NSF - National Science Foundation	Transition Metals in Organic Synthesis-Macrocyclic Transition Metal Coordination Oligomers	12/1/02 - 11/30/05	02467501 13780	\$569,843
Kennan,Alan J	Primary PI	Chemistry NSF - National Science Foundation	Design of Peptide-Based Molecular Recognition Motifs	4/1/02 - 3/31/07	02325901 12023	\$555,113
Kennan,Alan J	Primary PI	Chemistry Research Corporation / Foundation	New Molecular Probes from Designed Peptides	7/1/02 - 6/30/03	02344201 12242	\$75,000

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**Inter-departmental Project

Proposals Submitted - 65

Natural Sciences - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount
Kennan,Alan J	Primary PI American Chemical Society	Chemistry Novel Coiled-Coils for Peptide Hydrogels	7/1/02 - 6/30/04	02410001 12971	\$80,000
Kennan,Alan J	Primary PI NSF - National Science Foundation	Chemistry Self-Assembly of Stimulus-Response Peptide Complexes	6/1/02 - 5/31/05	02401201 12902	\$315,408
Kennan,Alan J	Primary PI American Cancer Society, Inc.	Chemistry Stimulus Responsive Peptide Drug Delivery Systems	1/1/03 - 12/31/06	02442001 13446	\$655,347
Levinger,Nancy E Ladanyi,Branka M	Primary PI Co-PI DOE - US Department of Energy	Chemistry Fundamental Properties of Solvent Pools of Reverse Micelles Used in Nanoparticle Synthesis	9/1/02 - 8/31/05	02417801 13096	\$464,592
Levinger,Nancy E	Primary PI NSF - National Science Foundation	Chemistry Developing an Active & Diverse Undergraduate Chemistry Research Program	8/1/02 - 7/31/04	02468501 13836	\$80,000
Meersmann,Thomas	Primary PI NSF - National Science Foundation	Chemistry Development of Continuous-Flow Laser-Spin Polarized Xe-129 Nuclear Magnetic Resonance Spectroscopy in ...	4/1/02 - 3/31/07	02329501 12067	\$593,006
Parkinson,Bruce Alan	Primary PI DOE - US Department of Energy	Chemistry Building & Characterizing Dye Structures on Well-Ordered Anatase & Rutile Crystal Surfaces	8/1/02 - 7/31/05	02424801 12948	\$425,820
Parkinson,Bruce Alan Rappe,Anthony K	Primary PI Co-PI DOE - US Department of Energy	Chemistry Inorganic Nanotubes as Chemical Sensors	7/1/02 - 6/30/05	02417701 12949	\$548,322
Pavlovskaya,Galina E	Primary PI Burroughs-Wellcome Fund Foundation	Chemistry Contraction & Bifurcation Model Blood Flow Coupled to a Porous Wall Studied by Magnetic Resonance Imaging Velocimetry ...	1/1/03 - 12/31/07	02451901 13623	\$500,000
Rickey,Dawn	Primary PI NSF - National Science Foundation	Chemistry Fostering Understanding of Chemistry through Model-Observe-Reflect-Explain Metacognitive Instruction	8/15/02 - 8/15/05	02343501 12288	\$1,327,965

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Proposals Submitted - 66

Natural Sciences - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount
Rickey,Dawn	Primary PI NSF - National Science Foundation	Chemistry Fostering Understanding of Chemistry through Model-Observe-Reflect-Explain Metacognitive Instruction	8/15/02 - 8/14/05	02386001 12191	\$1,395,122
Rickey,Dawn	Primary PI NSF - National Science Foundation	Chemistry Further Studies of Metacognition & Chemistry Learning	1/1/02 - 12/31/02	02377401 12313	\$49,999
Rovis,Tomislav	Primary PI Boehringer Ingelheim Pharmaceuticals	Chemistry Catalytic Generation of Carbon-Carbon Bonds: Towards a General Csp ³ -Csp ³ Cross-coupling	5/1/02 - 4/30/04	02390101 12768	\$70,000
Rovis,Tomislav	Primary PI HHS-NIH-Center for Scientific Review	Chemistry Development of an Asymmetric Alkylative Desymmetrization of Meso Anhydrides	7/1/02 - 6/30/07	02357901 12374	\$1,323,699
Rovis,Tomislav	Primary PI NSF - National Science Foundation	Chemistry Development of Chiral Nucleophilic Carbenes for Use in Organic Synthesis	4/1/02 - 3/31/07	02326001 12027	\$547,253
Shi,Yian	Primary PI HHS-NIH-National Institutes of Health	Chemistry Asymmetric Epoxidation of Olefins by Chiral Dioxiranes	8/1/03 - 7/31/08	03478401 13961	\$1,770,560
Strauss,Steven H	Primary PI DOD - US Department of Defense	Chemistry Testing a High-Sensitivity ATR-FRIT Water Monitor for Ionic CWA Breakdown Products	12/1/01 - 9/30/02	02392501 12847	\$24,999
Van Orden,Alan K	Primary PI Petroleum Research Fund	Chemistry Characterizing the Structural Basis for Electronic Energy Transfer in Single Conjugated Polymers	9/1/02 - 8/31/04	02405901 12926	\$80,000
Van Orden,Alan K	Primary PI Research Corporation / Foundation	Chemistry Nanometer Scale Photopatterning of Protein Nanoarrays	5/1/02 - 4/30/03	02344101 12190	\$75,000
Van Orden,Alan K	Primary PI Arnold & Mabel Beckman Foundation	Chemistry Single Molecule Studies of Semiconductor-Insulator Core-Shell Molecular Brushes	5/1/02 - 4/30/04	02357501 12422	\$240,000
Van Orden,Alan K	Primary PI NSF - National Science Foundation	Chemistry Structure, Dynamics, & Local Environments of Individual Proteins at Biomaterial Interfaces	5/1/02 - 4/30/07	02325701 12056	\$671,953

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Investigators/Collaborators	Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount
Van Orden, Alan K	Primary PI Chemistry HHS-NIH-National Institutes of Health	Structure/Function Relationships of Single Immobilized IgG Molecules	12/1/02 - 11/30/07	02409501 13062	\$1,087,174
Williams, Robert M	Primary PI Chemistry HHS-NIH-National Institutes of Health	Synthesis of Amino Acid-Containing Natural Products	12/1/02 - 11/30/07	02463601 13710	\$1,819,731
Williams, Robert M	Primary PI Chemistry NSF - National Science Foundation	The Asymmetric Synthesis of alpha-Amino Acids	1/1/02 - 12/31/04	02363901 12324	\$651,715
Alexander, Roger T	Primary PI Computer Science George Mason University	Testing Web Software	8/15/02 - 8/14/05	02378601 12536	\$280,202
Anderson, Charles Bohm, Anton Pedro Wille Draper, Bruce	Primary PI Co-PI Co-PI Computer Science NSF - National Science Foundation	A High-Level Approach to Embedding Brain-Computer Interfaces on Field-Programmable Gate Arrays	6/1/02 - 5/31/05	02387801 12609	\$866,490
Anderson, Charles Kirby, Michael J	Primary PI Co-PI Computer Science ** NSF - National Science Foundation	Geometric Pattern Analysis & Mental Task Design for a Brain-Computer Interface	6/15/02 - 6/15/06	02388001 12326	\$721,125
Beveridge, J Ross	Primary PI Computer Science DOD-ARPA-Advanced Research Proj. Agency	E3D Target Recognition Project	8/15/02 - 8/14/03	02469101 13668	\$31,598
Bieman, James M	Primary PI Computer Science CASI-Colorado Advanced Software Inst.	Collecting & Evaluating Software Designs	8/1/02 - 6/30/03	02428501 13304	\$3,000
Bieman, James M	Primary PI Computer Science NSF - National Science Foundation	The Impact of Object-Oriented Techniques on Software Comprehension & Maintenance	8/15/02 - 8/14/05	02373201 12560	\$487,184
France, Robert	Primary PI Computer Science NSF - National Science Foundation	A Formal Foundation for Pattern-Based Development	8/1/02 - 7/31/05	02372501 12493	\$395,528
France, Robert	Primary PI Computer Science NSF - National Science Foundation	Formalizing an UML Semantics for Distributed Systems	8/1/02 - 7/31/07	02377901 12553	\$501,806

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Natural Sciences - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount
France,Robert Alexander,Roger T Bieman,James M Turk,Daniel E	Primary PI Co-PI Co-PI Co-PI	Computer Science ** NSF - National Science Foundation	Software Engineering Research Repository	8/16/02 - 02438201 8/15/06 13313	\$1,198,951
France,Robert	Primary PI	Computer Science NSF - National Science Foundation	Testing Unified Modeling Language Design	8/1/02 - 02373301 7/31/05 12527	\$674,318
Ghosh,Sudipto	Primary PI	Computer Science CASI-Colorado Advanced Software Inst.	A Technique for Fault Injection Testing & Visualization of Fault Propagation in Distributed Software . . .	7/1/02 - 02423801 6/30/03 13184	\$40,000
Ghosh,Sudipto	Primary PI	Computer Science NSF - National Science Foundation	CAREER: Certification of Component-Based Software	8/1/02 - 02327601 7/31/07 11953	\$335,241
Ghosh,Sudipto	Primary PI	Computer Science NSF - National Science Foundation	Fault-Based Testing Techniques for Distributed & Concurrent Software	8/15/02 - 02384101 8/14/05 12678	\$245,274
Ghosh,Sudipto	Primary PI	Computer Science CASI-Colorado Advanced Software Inst.	Regression Testing of Component-based Software	7/1/02 - 02425801 6/30/03 13268	\$3,000
Ghosh,Sudipto	Primary PI	Computer Science Microsoft	Visualizing & Validating Complex C# Applications	6/1/02 - 02450801 9/30/03 13573	\$20,000
Howe,Adele E	Primary PI	Computer Science DOD-ARPA-Advanced Research Proj. Agency	Adaptive Filtering, Routing & Expertise Location for Two Media: Text & Imagery	8/15/02 - 02447801 8/14/05 13510	\$879,264
Rajopadhye,Sanjay V	Primary PI	Computer Science NSF - National Science Foundation	Optimization for Mapping Applications to FPGA Co-processors	8/15/02 - 02374701 8/14/04 12585	\$66,000
Rajopadhye,Sanjay V	Primary PI	Computer Science NSF - National Science Foundation	Silicon Compilation of Loops	5/1/02 - 02388101 4/30/05 12567	\$443,266
Chappell,Anthony W	Primary PI	Mathematics Clemson University	The Impact of Calculus Reform on Long-Term Student Performance	10/1/01 - 02374001 9/30/02 12620	\$10,000

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**Inter-departmental Project

Natural Sciences - Proposals

Investigators/Collaborators		Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount
Deconinck, Bernard	Primary PI	Mathematics NSF - National Science Foundation	Collaborative: FRG: Fully Nonlinear, Three-Dimensional Surface Water Waves in Arbitrary Depth	5/15/02 - 5/14/05	02355501 12335	\$48,710
Estep, Donald J Laforest, Marc	Primary PI Co-PI	Mathematics Sandia Corporation/Sandia National Lab.	Error Estimators for High-Resolution Schemes for Conservation Laws	1/1/02 - 12/31/02	02390701 12630	\$15,284
Mueller, Jennifer L	Primary PI	Mathematics NSF - National Science Foundation	Workshop in Electrical Impedance Tomography	6/1/02 - 5/31/03	02348401 12062	\$18,800
Oprea, Iuliana Dangelmayr, Gerhard H	Primary PI Co-PI	Mathematics NSF - National Science Foundation	Workshops on Dynamics & Bifurcation of Patterns in Dissipative Systems	5/15/03 - 6/15/03	02455201 13656	\$18,600
Tavener, Simon J Estep, Donald J	Primary PI Co-PI	Mathematics NSF - National Science Foundation	Accurate Computation of Finite-Inertia Particulate Flows	6/1/02 - 5/30/05	02355901 12328	\$269,361
Tavener, Simon J Estep, Donald J	Primary PI Co-PI	Mathematics NSF - National Science Foundation	Adaptive Finite Element Software for Particulate Flows with Finite Inertia	6/1/02 - 5/30/07	02377501 12587	\$792,402
Fairbank, William M	Primary PI	Physics DOE - US Department of Energy	New Technique for Barium Daughter Ion Identification in a Liquid Xe-136 Double Beta Decay Experiment	5/15/02 - 5/14/04	02376001 12566	\$98,038
Harton, John	Primary PI	Physics Fermi Ntl Accelerator Lab (Fermilab)	Construction of Pierre Auger Observatory Ground Array Components	4/1/02 - 12/31/02	02435401 13381	\$103,700
Hochheimer, Hans D Dorhout, Peter K	Primary PI Collaborator	Physics ** NSF - National Science Foundation	High Pressure Study of Complex Electronic Materials Characterized by Strong Coupling between Charge, Spin, & ...	5/1/02 - 4/30/05	02331201 12092	\$682,657
Hochheimer, Hans D	Primary PI	Physics NATO-North Atlantic Treaty Organization	Optical Investigation of Single-wall Carbon Nanotubes under High Pressure	5/1/02 - 4/1/04	02389501 12706	\$10,400
Hochheimer, Hans D Menoni, Carmen S	Primary PI Co-PI	Physics ** DOE - US Department of Energy	Tuning of Piezoelectric Fields & Their Effect on the Optical & Electrical Properties of Active Emitters Materials to ...	10/1/02 - 9/30/06	02444301 13480	\$716,627

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**Inter-departmental Project

Proposals Submitted - 70

Natural Sciences - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount
Lee,Siu Au	Primary PI NSF - National Science Foundation	Physics Optical Manipulation of Group III Atoms	9/1/02 - 8/31/05	02361501 12426	\$393,276
Lundeen,Stephen R	Primary PI DOE - US Department of Energy	Physics Ion/Excited Atom Collision Studies with a Rydberg Target & Carbon Dioxide Laser (off campus)	9/1/02 - 8/31/05	02423601 13235	\$167,957
Lundeen,Stephen R	Primary PI DOE - US Department of Energy	Physics Ion/Excited Atom Collision Studies with a Rydberg Target & Carbon Dioxide Laser (on campus)	9/1/02 - 8/31/05	02423501 13235	\$365,521
Patton,Carl E	Primary PI NSF - National Science Foundation	Physics Colorado State University Component of Colorado School of Mines Materials Research Science & Engineering Centers ...	6/1/02 - 5/30/08	02348501 12316	\$600,358
Patton,Carl E	Primary PI DOC-NIST-Nat. Inst. Standards & Tech..	Physics Nonlinear Precessional Dynamics in Magnetic Films- Investigation of the Fundamental Magnon & Phonon Excitations Prod	9/1/02 - 8/31/03	03480801 13907	\$53,787
Patton,Carl E	Primary PI DOC-NIST-Nat. Inst. Standards & Tech..	Physics Precessional Dynamics in Magnetic Films	9/1/01 - 8/31/02	02318401 11905	\$99,229
Qian,Xianghong	Primary PI NSF - National Science Foundation	Physics ADVANCE Fellows Award	5/1/02 - 4/30/05	02336201 12135	\$405,954
She,Chiaoyao Krueger,David A Williams,Bifford	Primary PI Co-PI Collaborator NSF - National Science Foundation	Physics Collaborative Research: Studies of MLT Dynamics, Structure, & Variability Using the Weber Sodium Lidar & Other ...	1/1/02 - 1/1/05	02341201 12068	\$239,999
Sites,James R	Primary PI NEDO(New Energy/Indus. Tech. Dev. Org.)	Physics CIS-21	9/1/02 - 8/31/05	02418101 13160	\$125,000
Aloise-Young,Patricia A	Primary PI University of Colorado	Psychology Motivational Orientations & the Smoking Cessation Process	7/1/02 - 6/30/04	02401501 12841	\$48,034

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**Inter-departmental Project

Proposals Submitted - 71

Natural Sciences - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount	
Bell,Paul A	Primary PI	Psychology HHS-ADA-Administration on Aging	Helping Rural Colorado Families Access Supportive Services for Alzheimer's Disease	7/1/02 - 6/30/05	02454801 13599	\$1,050,000
Canetto,Silvia Sara Asmus,Cheryl L	Primary PI Co-PI	Psychology ** AFSP-Amer Foundtn for Suicide Prevention	Beliefs & Attitudes about Gender & Suicide among European American & Hispanic Older Adults	7/1/02 - 6/30/04	02390201 11334	\$99,989
Delosh,Edward L Bugg,Julie M Clegg,Benjamin A	Primary PI Collaborator Collaborator	Psychology HHS-NIH-National Institutes of Health	Effect of Cardiovascular Fitness on Executive Control	5/1/02 - 4/30/03	02383101 12543	\$71,204
Edwards,Ruth W	Primary PI	Psychology Oklahoma Ctr for Alcohol & Drug Rel Stud	American Indian Center for Behavioral Health	9/28/02 - 9/27/07	02460201 13766	\$281,724
Edwards,Ruth W Beauvais,Frederick Chen,Julie Plested,Barbara Ann Thurman,Pamela J	Primary PI Co-PI Co-PI Co-PI Co-PI	Psychology HHS-NIH-National Institutes of Health	Inhalant Use among Rural Children: A Multicultural Study	10/1/02 - 9/30/07	02441501 13409	\$2,157,441
James,Keith Sarason,Yolanda	Primary PI Co-PI	Psychology ** NSF - National Science Foundation	Ownership of Small Technology Businesses: Comparisons of Female & Male Majority & Minority Routes to Ownership	7/31/02 - 8/31/05	02375901 12617	\$873,299
Loomis,Ross J	Primary PI	Psychology DOD-ARMY	Impact of After Action Reviews on Air Force Cadets Completing the Leadership Reaction Course: Group Identification, ...	1/18/03 - 1/18/04	02469201 13578	\$120,314
Loomis,Ross J Elias,Steven M	Primary PI Co-PI	Psychology Spencer Foundation	The Impact of Teacher Collective Efficacy on Students' Academic Self-Efficacy	3/15/02 - 3/15/03	02415501 13025	\$23,469
Stallones,Lorann Chen,Peter	Primary PI Co-PI	Psychology HHS-NIH-National Institutes of Health	Adolescent Farm Work, Fatigue & Injuries in Colorado	6/1/02 - 5/31/04	02393901 12748	\$196,008
Stallones,Lorann	Primary PI	Psychology HHS-NIH-National Institutes of Health	Healthy People 2010 Community Implementation (Micro-Grant) Program	9/30/01 - 9/29/03	02336801 12165	\$739,211

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**Inter-departmental Project

Proposals Submitted - 72

Natural Sciences - Proposals

Investigators/Collaborators		Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount
Thurman,Pamela J	Primary PI	Psychology	Drug Use Among Gay Males: Ethnic & Regional Factors	5/1/03 -	02464801	\$1,812,500
Edwards,Ruth W	Co-PI	HHS-NIH-Child Health and Human Develop		4/30/08	13671	
Plested,Barbara Ann	Co-PI					
Swaim,Randall C	Co-PI					
Vacha-Haase,Tammi	Primary PI	Psychology HHS-Health Resources & Services Admin.	Training Professional Psychologists to Provide Services to the Elderly	9/1/02 - 8/1/03	02460501 13726	\$99,629
Breidt,F.Jay	Primary PI	Statistics NSF - National Science Foundation	Collaborative Research: Nonparametric Survey Regression Estimation	9/1/02 - 8/31/06	02376201 12583	\$236,703
Breidt,F.Jay	Primary PI	Statistics USDA-USFS-Rocky Mtn. Rsrch Station - UT	Nonparametric Model-Assisted Survey Estimation for Forest Inventory & Monitoring	10/1/01 - 10/1/04	02340201 12113	\$100,000
Breidt,F.Jay	Primary PI	Statistics US Department of Labor	Using American Community Survey Data to Estimate Local Area Unemployment Characteristics	8/15/01 - 5/15/02	02329701 12029	\$23,358
Brockwell,Peter J	Primary PI	Statistics	Applied Probability & Time Series Modeling	6/1/02 -	02377801	\$919,145
Breidt,F.Jay	Co-PI	NSF - National Science Foundation		5/31/07	12524	
Davis,Richard A	Co-PI					
Butler,Ronald W	Primary PI	Statistics NSF - National Science Foundation	Saddlepoint & Bootstrap Methods in Systems Theory & Survival Analysis	7/1/02 - 8/1/07	02368201 12465	\$311,373
Givens,Geof H	Primary PI	Statistics North Slope Borough (Alaska)	Completion of a Bowhead Aboriginal Whaling Management Procedure	9/15/01 - 6/30/02	02352501 12300	\$67,585
Hannig,Jan	Primary PI	Statistics NSF - National Science Foundation	Filtrations, Threshold Stochastic Differential Equation & Non-parametric Smoothing	6/1/02 - 5/31/05	02375701 12572	\$191,842
Lee,Chun Man	Primary PI	Statistics NSF - National Science Foundation	Collaborative Research: Self-Consistency & Wavelet Regressions with Irregular Designs	7/1/02 - 6/30/05	02376101 12612	\$199,514
Natural Sciences Total:						\$78,255,038

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**Inter-departmental Project

Vet. Medicine & Biomedical Sciences - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount	
Beam,Kurt G	Primary PI	Anatomy & Neurobiology Brigham and Womens Hospital	Signaling between Calcium Channels	12/1/02 - 11/30/07	02420301 13162	\$1,445,731
Dudek,F Edward	Primary PI	Anatomy & Neurobiology HHS-NIH-National Institutes of Health	Interneuron Loss & Epileptogenesis	9/1/02 - 8/31/05	02441901 13474	\$54,468
Dudek,F Edward	Primary PI	Anatomy & Neurobiology HHS-NIH-National Institutes of Health	Local Interactions between Hippocampal Neurons	2/1/03 - 1/31/08	02434501 13300	\$1,812,500
Dudek,F Edward	Primary PI	Anatomy & Neurobiology HHS-NIH-National Institutes of Health	Progression of Temporal Lobe Epilepsy	12/1/02 - 11/30/07	02407501 12727	\$3,403,787
Fails,Anna Dee	Primary PI	Anatomy & Neurobiology USDA - US Department of Agriculture	Virtual Farm Animal Neurology	9/1/02 - 8/30/04	02410901 12642	\$98,498
Handa,Robert J	Primary PI	Anatomy & Neurobiology HHS-NIH-National Institutes of Health	Direct Effects of Estrogen on GnRH Neurons	1/1/03 - 12/31/06	02418201 12985	\$1,359,619
Inamine,Julia M Belisle,John T Chatterjee,Delphi	Primary PI Co-PI Collaborator	Anatomy & Neurobiology HHS-NIH-National Institutes of Health	Molecular Definition of M. avium Colony Morphotypes	7/1/02 - 6/30/07	02396101 11662	\$1,285,650
Kinnamon,Sue C	Primary PI	Anatomy & Neurobiology HHS-NIH-National Institutes of Health	Multiple Mechanisms of Nasal Chemoreception	4/1/03 - 3/31/08	02473701 13658	\$313,910
Madl,James E Gionfriddo,Juliet R Handa,Robert J Ishii,Douglas N	Primary PI Collaborator Collaborator Collaborator	Anatomy & Neurobiology ** HHS-NIH-National Institutes of Health	Hypoglycemia May Potentiate Diabetic Retinal Cell Death	9/30/02 - 9/29/05	02431601 13244	\$754,500
Magnusson,Kathy Yang,Raymond S H	Primary PI Collaborator	Anatomy & Neurobiology ** HHS-NIH-National Institutes of Health	Effects of Lead Metal Mixture on Cognitive Development	12/1/02 - 11/30/06	02408001 12966	\$1,438,417

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**Inter-departmental Project

Proposals Submitted - 74

Vet. Medicine & Biomedical Sciences - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount	
McConnell,Sherry Bowen,Richard A Schoenfeld,Regina M Jones,Robert L Schultheiss,Patricia C	Primary PI Co-PI Co-PI Collaborator Collaborator	Anatomy & Neurobiology ** US Department of Education	Online Upper Division Science Partnership	9/1/02 - 8/30/05	02430901 13314	\$453,377
Rash,John E Meier,Carola	Primary PI Collaborator	Anatomy & Neurobiology HHS-NIH-National Institutes of Health	Connexins in Neuronal & Glial Gap Junctions in Central Nervous System	7/1/02 - 6/30/07	02369101 12404	\$1,812,500
Reist,Noreen E	Primary PI	Anatomy & Neurobiology HHS-NIH-National Institutes of Health	Mutational Analysis of Synaptotagmin Function	6/1/03 - 5/31/08	02466601 13651	\$1,643,074
Whalen,Lawrence Ray Lee,Robert E Fails,Anna Dee	Primary PI Co-PI Collaborator	Anatomy & Neurobiology Morris Animal Foundation	Virtual Anatomy of the Dog	9/1/02 - 8/30/05	02439201 13436	\$87,122
Billinghurst,R.Clark Mcilwraith,C Wayne	Primary PI Co-PI	Clinical Sciences HHS-NIH-National Institutes of Health	Characterizing Collagen Changes in Osteoarthritis Models	4/1/03 - 3/30/08	02466201 13708	\$431,454
Bright,Janice M Boon,June Anne	Primary PI Collaborator	Clinical Sciences Morris Animal Foundation	Noninvasive Ultrasound (Color M-Mode) Estimation of Pulmonary Vascular Resistance in Dogs	7/1/02 - 6/30/03	02437401 13403	\$27,553
Campbell,Terry W	Primary PI	Clinical Sciences Association of Avian Veterinarians	A Study on Risk Factors & Allergies Associated with Feather Picking in Psittacines	9/1/02 - 8/31/04	02457301 13689	\$10,850
Dernell,William S	Primary PI	Clinical Sciences Irish Wolfhound Club of America	Bisphosphonate Treatment for Osteosarcoma	9/15/01 - 9/14/02	02357601 12003	\$5,875
Dernell,William S	Primary PI	Clinical Sciences HHS-NIH-National Institutes of Health	In Vivo Evaluation of a Silver Gel Active Antisepsis Device in an Animal Model	1/1/02 - 12/31/02	02331901 12058	\$33,568
Dernell,William S Powers,Barbara E Withrow,Stephen J	Primary PI Co-PI Co-PI	Clinical Sciences ** University of Colorado	New Therapy for Metastatic Lung Cancer	4/1/02 - 3/31/05	02415401 12938	\$93,949

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**Inter-departmental Project

Vet. Medicine & Biomedical Sciences - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount	
Dow,Steven W Prause,Lauren C	Primary PI Collaborator	Clinical Sciences Morris Animal Foundation	"Suicide" Liposomes for Treatment of Immune-Mediated Anemia in Dogs	7/1/02 - 6/30/04	02438901 13441	\$120,153
Dow,Steven W	Primary PI	Clinical Sciences HHS-NIH-National Institutes of Health	Activation of Pulmonary Immunity for Anthrax Protection	8/15/02 - 8/14/04	02419901 13187	\$507,500
Dow,Steven W	Primary PI	Clinical Sciences HHS-NIH-National Institutes of Health	Antigen Presentation & CTL Response to Tumor Vaccines	12/1/02 - 11/30/06	02468801 13799	\$1,407,638
Dow,Steven W	Primary PI	Clinical Sciences American Cancer Society, Inc.	Role of Antigen & Antigen Presentation in Cytotoxic T Lymphocyte Response to Tumor Vaccines	3/1/02 - 2/28/06	02364801 12512	\$846,459
Dow,Steven W Lana,Susan E	Primary PI Collaborator	Clinical Sciences Morris Animal Foundation	Vaccination Combined with Chemotherapy for Hemangiosarcoma Metastases	7/1/02 - 6/30/06	02438801 13442	\$383,284
Dow,Steven W	Primary PI	Clinical Sciences HHS-NIH-Center for Scientific Review	Tumor Angiogenesis Inhibition by Systemic Gene Delivery	10/1/01 - 9/30/05	02367601 12263	\$1,181,684
Frisbie,David D Mcilwraith,C Wayne Parente,Louise Lesley Kawcak,Christopher E	Primary PI Co-PI Co-PI Collaborator	Clinical Sciences AQHA-American Quarter Horse Assoc.	Adenoviral Transfer of BMP-2 Gene for Enhancement of Fracture Healing in Horses	10/1/02 - 9/30/03	02396801 12853	\$39,066
Frisbie,David D	Primary PI	Clinical Sciences Morris Animal Foundation	Evaluation of IGF-1 & Triamcinolone Acetonide Mitigation of Joint Degeneration in Osteochondral Fragment Induced ...	7/1/02 - 6/30/03	02439901 13451	\$161,824
Gionfriddo,Juliet R Madl,James E Mcilnay,Tonya R Powell,Cynthia C Royer,Suzanne	Primary PI Collaborator Collaborator Collaborator Collaborator	Clinical Sciences ** American Coll of Veterinary Ophthalmol.	American College of Veterinary Ophthalmologist	2/1/02 - 1/31/03	02409601 12941	\$2,850

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Proposals Submitted - 76

Vet. Medicine & Biomedical Sciences - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount	
Gionfriddo,Juliet R Madl,James E Mcilnay,Tonya R Powell,Cynthia C Royer,Suzanne	Primary PI Collaborator Collaborator Collaborator Collaborator	Clinical Sciences ** American Coll of Veterinary Ophthalmol.	Retinal Damage in Glaucoma: Mechanisms of Glutamate Release & Selective Ganglion Cell Loss	2/1/02 - 1/31/03	02415701 12956	\$1,948
Lappin,Michael R Hackett,Timothy B	Primary PI Co-PI	Clinical Sciences Heska Corporation (Paravax)	Prevalence of Haemobartonella felis & Bartonella spp. in Blood Donor Cats	10/15/01 - 10/14/02	02364001 12441	\$7,431
Kawcak,Christopher E Mcilwraith,C Wayne	Primary PI Collaborator	Clinical Sciences Grayson-Jockey Club Research Foundation	Effects of Early Exercise on Osteochondral Tissues	4/1/02 - 3/30/04	02359201 12317	\$70,831
Lappin,Michael R	Primary PI	Clinical Sciences Robert H. Winn (Winn Feline) Foundation	Prevalence of Enteric Zoonoses in Cats of Immunosuppressed People	4/1/02 - 3/31/03	02386101 12718	\$14,975
Lappin,Michael R	Primary PI	Clinical Sciences Robert H. Winn (Winn Feline) Foundation	Transmission of Mycoplasma haemofelis & Mycoplasma haemominutum by Ctenocephalidies felis & Treatment with Imidocarb. . .	4/1/02 - 3/31/03	02386201 12719	\$13,282
Lappin,Michael R	Primary PI	Clinical Sciences Bayer Company	Mycoplasma Haemofelis & Mycoplasma Haemominutum by Ctenocephalidies Felis & Treatment	4/1/02 - 3/31/02	02445901 13484	\$29,178
Macleay,Jennifer M Wheeler,Donna Billinghurst,R.Clark Turner,Anthony Simon	Primary PI Co-PI Collaborator Collaborator	Clinical Sciences ** HHS-NIH-National Institutes of Health	Effects of Dietary Cation-Anion Difference on Bone	1/1/03 - 1/1/07	02466301 13759	\$3,480,981
Mama,Khursheed R Wagner,Ann E	Primary PI Collaborator	Clinical Sciences Alpaca Research Foundation	Cardiopulmonary Effects of Ephedrine & Dobutamine in Isoflurane-Anesthetized ...	1/1/03 - 6/30/04	02452501 13616	\$21,181
Mccue,Patrick M	Primary PI	Clinical Sciences AQHA-American Quarter Horse Assoc.	Effect of Season, Artificial Photoperiod, Age, & Stress on Circadian Rhythm of Cortisol Secretion in the Horse	10/1/02 - 9/30/03	02392101 12836	\$12,270

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Proposals Submitted - 77

Vet. Medicine & Biomedical Sciences - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount	
Mccue,Patrick M	Primary PI	Clinical Sciences ** Morris Animal Foundation	Evaluation of Fertility Control Agents for Wild Horses on Public Lands	7/1/02 - 6/30/05	02439601 13453	\$191,147
Monnet,Eric Bright,Janice M Gaynor,James S Hackett,Timothy B Orton,E Christopher Salman,M D	Primary PI Co-PI Co-PI Co-PI Co-PI Co-PI	Clinical Sciences ** Morris Animal Foundation	Adynamic Cardiomyoplasty for the Treatment of Naturally Occurring Dilated Cardiomyopathy of Dogs	7/1/02 - 6/30/05	02438401 13307	\$178,806
Monnet,Eric	Primary PI	Clinical Sciences American College of Veterinary Surgeons	Cellophane Banding of Extrahepatic Portosystemic Shunt with Minimally Invasive Surgery in Dogs	6/1/02 - 5/31/03	02386901 12702	\$5,750
Monnet,Eric Irwin,David C	Primary PI Collaborator	Clinical Sciences ** American Heart Association	Does Cerebral Hypoxemia Induce Pulmonary Edema in Dogs?	7/1/02 - 6/30/04	02412101 12936	\$70,096
Monnet,Eric	Primary PI	Clinical Sciences American College of Veterinary Surgeons	Evaluation of Cellophane Banding Technique for the Gradual Occlusion of Portosystemic Shunts in Dogs	6/1/02 - 5/31/03	02387001 12703	\$14,800
Monnet,Eric	Primary PI	Clinical Sciences University of Colorado Health Sci Ctr	Evaluation of Left Ventricular Filling in Two Models of Heart Failure in Dogs: Pilot Study	3/1/02 - 2/27/03	02421401 13183	\$17,680
Monnet,Eric	Primary PI	Clinical Sciences Quetzal Biomedical, Inc.	Cardiac Pacing for the Treatment of Heart Failure: Pilot Study	3/1/02 - 2/27/03	02416501 13049	\$8,472
Monnet,Eric	Primary PI	Clinical Sciences Quetzal Biomedical, Inc.	Cardiac Pacing for the Treatment of Heart Failure: Pilot Study	7/12/02 - 9/30/02	02476801 13902	\$7,477
Ogilvie,Gregory K	Primary PI	Clinical Sciences Atlas World USA	Agaricus for the Treatment of Histologically Confirmed Malignancies	11/1/01 - 10/31/02	02407301 12705	\$31,500

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Proposals Submitted - 78

Vet. Medicine & Biomedical Sciences - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount	
Orton,E Christopher Dow,Steven W Frisbie,David D	Primary PI Collaborator Collaborator	Clinical Sciences American Heart Association	Tissue-Engineered Hybrid Xenograft/Autograft Heart Valve	7/1/02 - 6/30/04	02405201 12912	\$142,050
Pluhar,G. Elizabeth Reems,Michael R Wheeler,Donna	Primary PI Collaborator Collaborator	Clinical Sciences Iowa State University	Ex Vivo Biomechanical Testing of Modifications to an Interlocking Nailing System for Fixation of Unstable Canine Long ...	4/1/02 - 3/31/03	02386601 12722	\$10,000
Pluhar,G. Elizabeth	Primary PI	Clinical Sciences American College of Veterinary Surgeons	Postmortem Evaluation of the Stability of Canine Cemented Hip Replacement Implants to Determine Success Rate & . . .	4/1/02 - 3/31/03	02387101 12724	\$10,000
Traub-Dargatz,Josie L Salman,M D	Primary PI Co-PI	Clinical Sciences ** Grayson-Jockey Club Research Foundation	Development of a Rapid Diagnostic Test for Strangles in Horses	4/1/02 - 3/30/03	02361101 12323	\$18,139
Traub-Dargatz,Josie L	Primary PI	Clinical Sciences USDA-APHIS-Animal Plant Health Insp Srvc	Equine Specialist for Centers for Epidemiology & Animal Health	6/1/02 - 5/31/03	02450901 13562	\$29,465
Turner,Anthony Simon Macleay,Jennifer M	Primary PI Co-PI	Clinical Sciences Univer. of New York Research Foundation	Augmentation of Trabecular Bone by Low Magnitude Mechanical Strain	5/1/02 - 4/30/06	02373801 12591	\$679,787
Turner,Anthony Simon	Primary PI	Clinical Sciences Hospital for Special Surgery	Cartilage Resurfacing by Molecular Engineering	8/1/02 - 7/31/07	02405001 12980	\$60,527
Turner,Anthony Simon	Primary PI	Clinical Sciences Purdue University	Development of the Ovine Chondral Articular Membrane from Birth to Senility	10/1/02 - 9/30/04	02417601 13176	\$23,104
Turner,Anthony Simon	Primary PI	Clinical Sciences Orthovita, Inc.	Evaluation of Rhakoss for Anterior Lumbar Interbody Fusion: A Pilot Study in Sheep	11/1/01 - 10/31/02	02360001 12333	\$30,988
Turner,Anthony Simon	Primary PI	Clinical Sciences Kerlan-Jobe Orthopaedic Clinic	Histologic & Gross Analysis of the Effect of a Coblation Created Defect versus Mechanically Created Defect on ...	9/1/01 - 8/31/02	02344801 12264	\$55,640

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**Inter-departmental Project

Vet. Medicine & Biomedical Sciences - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount
Turner,Anthony Simon	Primary PI Clinical Sciences Hospital for Special Surgery	Meniscal Allograft Transplantation in the Sheep Knee: Evaluation of Early Markers for Degenerative Change & . . .	2/1/02 - 3/31/03	02405401 12914	\$35,874
Turner,Anthony Simon	Primary PI Clinical Sciences Medtronic, Inc.	Neck Fusion in an Ovine Model	6/17/02 - 6/16/03	02476901 13909	\$41,344
Turner,Anthony Simon	Primary PI Clinical Sciences Laverne Douglas Technologies	New Radio Frequency Tool Used for Electrosurgery	12/1/02 - 5/31/03	02476601 13911	\$6,442
Turner,Anthony Simon	Primary PI Clinical Sciences Hospital for Special Surgery	Vertebral Enhancement of Demineralized Bone Matrix	4/1/03 - 3/31/05	03481501 13929	\$54,960
Turner,Anthony Simon	Primary PI Clinical Sciences Hospital for Special Surgery	Meniscal Allograft Transplantation in the Sheep Knee: Evaluation of Early Markers for Degenerative Change & ...	9/1/01 - 8/31/02	02343301 12265	\$39,743
Turner,Anthony Simon	Primary PI Clinical Sciences Hospital for Special Surgery	The Role of Aperture Fixation in Tendon to Bone Healing	3/1/02 - 2/28/03	02418601 13166	\$63,179
Turner,Anthony Simon	Primary PI Clinical Sciences Biomet	The Effects of Swine Small Intestine Submucosa Augmentation of Tendon Healing under Tension: Histologic & . . .	2/1/02 - 1/31/03	02404801 12953	\$67,964
Turner,Anthony Simon	Primary PI Clinical Sciences Howmedica	Evaluation of Bone Source Plus Carboxymethyl Cellulose for Use in Vertebroplasty: In Vivo Evaluation Using a Sheep	4/1/02 - 3/31/05	02435701 13336	\$169,064
Turner,Anthony Simon	Primary PI Clinical Sciences Medtronic, Inc.	Investigation of Postero-lateral Fusion Using Autograft Extenders & Biologics in a Sheep Model	6/17/02 - 6/16/03	02476501 13854	\$109,968
Twedt,David C Webb,Craig B	Primary PI Collaborator Clinical Sciences Morris Animal Foundation	Silymarin (Milk Thistle) As a Novel Antioxidant for the Therapy of Liver Disease in Dogs	7/1/02 - 6/30/04	02439101 13434	\$155,207

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Wagner,Ann E Gaynor,James S Hellyer,Peter W	Primary PI Collaborator Collaborator	Clinical Sciences Morris Animal Foundation	Incidence of Hypotension in Anesthetized Dogs in Private Veterinary Practices	7/1/02 - 6/30/03	02441601 13433	\$17,780
Nett,Torrance M	Primary PI	Dean Of Vet Medicine Merck & Co., Inc.	Summer Research Experience for Veterinary Students	4/1/02 - 3/31/03	02375601 12611	\$40,020
Bachand,Annette M	Primary PI	Environmental Health University of Colorado	Effect of In Utero Tobacco Smoke Exposure on Fecundity	7/1/02 - 12/31/03	02401601 12854	\$103,184
Bailey,Susan M	Primary PI	Environmental Health Damon Runyon Cancer Research Foundation	Dysfunctional Telomeres, Radiation-Induced Instability & Tumorigenesis	1/1/03 - 12/31/05	02478201 13946	\$300,000
Buchan,Roy M Buchan,Victoria	Primary PI Co-PI	Environmental Health ** HHS-NIH-National Institutes of Health	HI-CAHS Regionalization Through State Health & Safety Specialists	12/1/02 - 11/30/05	02432601 13297	\$1,021,194
Buchan,Roy M	Primary PI	Environmental Health DOL-OSHA-Occupa. Safety & Health Admin.	Occupational Health & Safety Consultation Program	10/1/01 - 9/30/02	02334201 12060	\$804,000
Burch,James B	Primary PI	Environmental Health University of Washington	Biological Monitoring of Cellular Telephone Users	3/1/03 - 2/28/07	02465901 13746	\$1,129,474
Burch,James B	Primary PI	Environmental Health HHS-NIH-National Institutes of Health	Work Organization & Endocrine Disruption Among Nurses	4/1/03 - 3/31/06	03478501 13927	\$967,300
Hanneman,William H Legare,Marie E Mason,Gary L	Primary PI Co-PI Collaborator	Environmental Health ** HHS-NIH-National Institutes of Health	Identification of Novel TCDD-Induced Developmental Genes	4/1/03 - 3/31/08	02468901 12421	\$1,208,427
Hanneman,William H	Primary PI	Environmental Health HHS-NIH-National Institutes of Health	Math Modeling of Calcium Fluxes & Neuronal Toxicity	9/1/02 - 8/31/04	02446801 13303	\$102,200
Hanneman,William H Andersen,Melvin E	Primary PI Collaborator	Environmental Health ** EPA - Environmental Protection Agency	The Cellular & Molecular Basis of All or None Switching: A Novel Approach to Biologically Based Modeling & Risk ...	1/1/02 - 12/31/04	02355301 12123	\$730,215

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Hanneman,William H	Primary PI	Environmental Health Medical College of Ohio	The Effects of Ionizing Radiation on Mouse Meiosis	7/1/02 - 6/30/06	02363701 12423	\$316,192
Hanneman,William H	Primary PI	Environmental Health University of Colorado	Tobacco & Gene Expression	7/1/02 - 12/31/03	02400201 12500	\$103,178
Legare,Marie E	Primary PI	Environmental Health HHS-NIH-Neurological Disorders & Stroke	Analysis of Genetic & Environmental Factors in Parkinson's Disease	4/1/02 - 3/31/04	02330701 10907	\$359,956
Legare,Marie E	Primary PI	Environmental Health DOJ-OJP-NIJ-National Inst. of Justice	Developing an In Vitro System & Pharmacokinetic Computer Model to Reconstruct Drug Dosing	11/15/02 - 11/14/03	02456001 13654	\$20,000
Legare,Marie E	Primary PI	Environmental Health Johns Hopkins University	Developing an In vitro System & Pharmacokinetics Computer Model to Reconstruct Dosing or Exposure History from Hair	2/1/03 - 1/31/04	02455901 13653	\$20,000
Nuckols,John R	Primary PI	Environmental Health American Water Works Assc. Research Fd.	Linking Geographic Water Utility Data with Study Participant Residences from the National Birth Defects Prevention ...	8/1/02 - 7/31/03	02478001 13251	\$175,000
Nuckols,John R	Primary PI	Environmental Health HHS-NIH-NCI-National Cancer Institute	Mapping Nitrate Hotspots Using Satellite Data	4/1/02 - 3/31/04	02334501 12104	\$51,971
Pott,Wendy A	Primary PI	Environmental Health **	Angiogenesis in Osteosarcoma: A Molecular Switch Model	6/1/02 - 5/31/07	02361001 11690	\$673,314
Withrow,Stephen J	Collaborator	HHS-NIH-NCI-National Cancer Institute				
Yang,Raymond S H	Collaborator					
Reif,John S	Primary PI	Environmental Health	Human Fecundity & Exposure to Disinfection Byproducts	10/1/02 - 9/30/05	02358901 12369	\$709,132
Bachand,Annette M	Co-PI	HHS-NIH-Center for Scientific Review				
Reynolds,Stephen J	Primary PI	Environmental Health Iowa State University	Agricultural Health Study - Pesticide Exposure Study: Iowa Field Study Year 02	10/1/01 - 1/5/02	02388201 12735	\$12,680

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Investigators/Collaborators	Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount
Reynolds,Stephen J	Primary PI Iowa State University	Environmental Health Agricultural Health Study-Pesticide Exposure Study: Iowa Field Study Year 03	12/1/01 - 1/31/03	02384401 12688	\$22,026
Reynolds,Stephen J	Primary PI FS4JK-Farm Safety 4 Just Kids	Environmental Health Generational Intervention to Prevent Childhood Farm Injury	6/1/02 - 5/31/04	02394001 12795	\$9,944
Reynolds,Stephen J	Primary PI HHS-NIH-National Institutes of Health	Environmental Health New Methods for Evaluation of Organic Dust Aerosols-Colorado Component	4/1/02 - 3/31/02	02423101 13189	\$935,884
Reynolds,Stephen J	Primary PI University of Iowa	Environmental Health New Methods for Evaluation of Organic Dust Aerosols - Iowa Component	10/1/01 - 9/30/06	02449401 12733	\$50,317
Reynolds,Stephen J	Primary PI CRDF Civilian Rsrch & Dvlpmt Foundation	Environmental Health Relationship between Molecular Structure & Toxicity of Substituted 2,4-Dichlorophenoxy Acetic Acid Pesticides . .	6/1/02 - 5/31/04	02423901 13257	\$6,000
Reynolds,Stephen J Liu,Juhua	Primary PI Co-PI HHS-NIH-National Institutes of Health	Environmental Health ** ROPS Design & Testing for Pre-Rops Tractors	10/1/02 - 9/30/05	02461701 13714	\$543,750
Reynolds,Stephen J	Primary PI University of Iowa	Environmental Health Rural Asthma Intervention Study	10/1/01 - 9/30/03	02410501 12791	\$14,502
Salman,M D Hossner,Kim L Schmidt,Glenn R	Primary PI Co-PI Co-PI HHS-FDA-Food & Drug Administration	Environmental Health ** Bovine Spongiform Encephalopathy Specified Risk Materials in Meat Products in the United States of America	10/1/01 - 9/30/02	02323601 11795	\$119,834
Salman,M D	Primary PI USDA-CSREES-Coop State Rsrch Edu & Ext	Environmental Health Improvements in Diagnostic Assays for Paratuberculosis in Naturally Infected Young Dairy Cattle	11/1/02 - 10/31/05	02399901 12731	\$242,092
Salman,M D	Primary PI USDA-APHIS-Animal Plant Health Insp Srvc	Environmental Health Support in the Design & Implementation of the National Scrapie Program	9/1/01 - 8/31/02	02349101 12287	\$30,010

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Investigators/Collaborators	Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount	
Yang,Raymond S H Andersen,Melvin E Belisle,John T Campain,Julie A Reisfeld,Bradley Whitley,L Darrell	Primary PI Co-PI Co-PI Co-PI Co-PI Co-PI	Environmental Health ** HHS-NIH-National Institutes of Health	Computer Modeling: Biology of Combination Chemotherapies	7/1/02 - 6/30/05	02367001 12285	\$675,337
Yang,Raymond S H Belisle,John T Dudek,F Edward Reisfeld,Bradley Slayden,Richard A	Primary PI Co-PI Co-PI Co-PI Co-PI	Environmental Health ** NSF - National Science Foundation	CRCNS: Perinatal Perturbation of Synaptic Plasticity: PBPK/PD & Reaction Network Modeling	1/1/03 - 12/31/07	02410401 12922	\$2,507,164
Yang,Raymond S H	Primary PI	Environmental Health Sapphire Group	Cumulative Risk Assessment for Mixtures Containing Chemicals with Different Modes of Action	7/1/02 - 6/30/05	02374601 12579	\$350,000
Yang,Raymond S H Belisle,John T	Primary PI Co-PI	Environmental Health ** HHS-NIH-National Institutes of Health	Developing a Quantitative Proteomic Tool	9/1/02 - 8/31/04	02420801 13145	\$424,729
Beaty,Barry J	Primary PI	Microbiology HHS-NIH-National Institutes of Health	Longitudinal Studies of Rodent Reservoirs of Hantaviruses in the Southwestern U.S.	9/30/02 - 9/29/03	02456301 13707	\$246,301
Beaty,Barry J	Primary PI	Microbiology HHS-NIH-National Institutes of Health	Mosquito Reservoir for Bunyavirus Transeasonality	1/1/03 - 12/31/07	02424901 13221	\$1,440,280
Beaty,Barry J Black,William C Iv Blair,Carol D Bowen,Richard A Calisher,Charles H Carlson,Jonathan O Olson,Kenneth E Hutcheson,Harry Joel	Primary PI Co-PI Co-PI Co-PI Co-PI Co-PI Co-PI Collaborator	Microbiology ** Univ. of Texas Medical Branch/Galveston.	United States Based Collaboration in Emerging Viral & Prion Diseases	9/27/02 - 9/26/09	02424301 13065	\$6,889,392

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Investigators/Collaborators	Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount
Belisle,John T Shankar,Sandeep	Primary PI Co-PI Microbiology HHS-NIH-Center for Scientific Review	Quorum Sensing in Mycobacterium Tuberculosis	7/1/02 - 6/30/07	02359101 12175	\$1,617,489
Brennan,Patrick Joseph Spencer,John S	Primary PI Co-PI Microbiology HHS-NIH-NIAID-Allergy & Infect Diseases	Leprosy Research Support & Maintenance of an Armadillo Colony Post Genome Era. Part I: Leprosy Research Support	6/30/02 - 6/29/09	02356001 12440	\$4,334,125
Carlson,Jonathan O	Primary PI Microbiology HHS-NIH-National Institutes of Health	Densovirus-Arbovirus Interference in Mosquitoes	7/1/02 - 6/30/05	02433901 13206	\$119,530
Carlson,Jonathan O Beaty,Barry J Afanasiev,Boris N Black,William C Iv Suchman,Erica L Wickramasinghe,Ranil	Primary PI Co-PI Collaborator Collaborator Collaborator Collaborator Microbiology ** HHS-NIH-NIAID-Allergy & Infect Diseases	Densoviruses for Control of Mosquito-borne Disease	1/1/03 - 12/31/08	02473601 13846	\$2,745,370
Chatterjee,Delphi	Primary PI Microbiology HHS-NIH-NIAID-Allergy & Infect Diseases	Structure of Lipoarabinomannan in Relation to Biology & Biosynthesis	7/1/02 - 6/30/07	02373601 12616	\$1,114,439
Cusick,John K	Primary PI Microbiology Cystic Fibrosis Foundation	Homoserine Lactone Synthesis in Pseudomonas aeruginosa	5/1/02 - 4/30/04	02344001 12243	\$74,100
Inamine,Julia M Cobb,R Brian Orme,Ian M Suchman,Erica L	Primary PI Collaborator Collaborator Collaborator Microbiology CCHE-Commission on Higher Education	Program to Enhance the Bachelor of Science Degree in Microbiology	7/1/02 - 6/30/07	02413101 12799	\$851,336
Klein,Donald A Berardino-Lang,Gail M	Primary PI Collaborator Microbiology DOD-ARMY-Corps of Engineers	Fungi & Maintenance of Fungi on Department of Defense Sites	5/1/02 - 4/30/05	02356901 12359	\$282,710
Linden,James C	Primary PI Microbiology PureVision	Assessment of Recovering Cattle Manure to Produce Useful Resources	6/1/02 - 5/30/03	02421001 13197	\$1,000

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Linden,James C Henk,Linda L Tengerdy, Robert	Primary PI Co-PI Co-PI	Microbiology ** USDA - US Department of Agriculture	Phytase for Animal Feed Supplementation	10/1/02 - 02391301 9/30/05 12624	\$487,776
Mcneil,Michael R	Primary PI	Microbiology HHS-NIH-National Institutes of Health	D-arabinose Synthesis in TB using Azorhizobium as a Tool	11/1/02 - 02449301 10/31/05 13513	\$120,960
Mcneil,Michael R	Primary PI	Microbiology University of Tennessee	Development of Rhamnose Inhibitors as New Tuberculosis Drugs	4/1/02 - 02335801 3/31/04 12118	\$80,001
Mcneil,Michael R	Primary PI	Microbiology University of Tennessee	Development of Tuberculosis Cell Wall Biogenesis Inhibitors	9/1/02 - 02414501 8/31/04 13142	\$80,001
Olson,Kenneth E	Primary PI	Microbiology HHS-NIH-National Institutes of Health	New Alphavirus Expression Systems in Mosquitoes	4/1/03 - 03481101 3/31/08 13919	\$1,255,790
Orme,Ian M	Primary PI	Microbiology CCHE-Commission on Higher Education	A Genomic/Proteomic Approach to Johnes Disease	7/1/02 - 02378201 6/30/03 12629	\$63,582
Orme,Ian M Turner,Joanne Harding,Jenny L Keefe,Robert G Kipnis,Ana Paula J	Primary PI Co-PI Collaborator Collaborator Collaborator	Microbiology HHS-NIH-National Institutes of Health	Defined Native Antigens & Immunity to Tuberculosis	8/1/02 - 02371401 7/31/07 12533	\$1,797,920
Orme,Ian M Basaraba,Randall J	Primary PI Co-PI	Microbiology HHS-NIH-National Institutes of Health	Guinea Pig Model for TB Vaccine Evaluations	5/1/03 - 02464901 4/30/08 13718	\$3,049,789
Orme,Ian M Belisle,John T Shankar,Sandeep Turner,Joanne	Primary PI Co-PI Collaborator Collaborator	Microbiology HHS-NIH-Center for Scientific Review	Latent Tuberculosis in the Mouse Model	6/1/02 - 02328601 5/31/07 12000	\$1,812,500

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Orme,Jan M Belisle,John T Rush,Erik B	Primary PI Co-PI Collaborator	Microbiology CCFA-Crohns & Colitis Foundtn of America	Quorum Sensing Peptides of Mycobacterium Paratuberculosis	7/1/02 - 6/30/04	02401401 12891	\$190,272
Orme,Jan M	Primary PI	Microbiology HHS-NIH-Center for Scientific Review	Role of Toll-like Receptors in Pulmonary Tuberculosis	1/1/02 - 12/31/04	02328701 11956	\$121,870
Pearson,Leonard D	Primary PI	Microbiology USDA - US Department of Agriculture	Bases of Attenuation of Salmonella enteritidis for Poultry by Repeated Heterophil Phagocytosis	9/1/02 - 8/31/05	02405801 12873	\$299,029
Schweizer,Herbert H	Primary PI	Microbiology NSF - National Science Foundation	Identification of Root Colonization Induced Genes in Pseudomonas putida	9/1/02 - 8/31/05	02404201 13013	\$190,804
Smith,Ralph E	Primary PI	Microbiology HHS-Health Resources & Services Admin.	BioEnvornmental Hazards Research Building Expansion	7/1/02 - 6/1/05	02451301 13569	\$334,726
Titus,Richard G	Primary PI	Microbiology Wellcome Trust	Leishmania Braziliensis Infection, Sandfly Saliva & the Risk of Developing Mucocutaneous	9/1/02 - 8/31/05	02451201 13647	\$282,979
Turner,Joanne Orme,Jan M	Primary PI Co-PI	Microbiology HHS-NIH-NIAID-Allergy & Infect Diseases	Mycobacteria Interactions & Vaccine Efficacy	4/1/03 - 3/31/05	02477001 13686	\$432,408
Turner,Joanne	Primary PI	Microbiology HHS-NIH-National Institutes of Health	CD8 T Cells & Immunity to Tuberculosis in Old Mice	7/1/02 - 6/30/06	02361201 11946	\$1,799,330
Turner,Joanne	Primary PI	Microbiology HHS-NIH-National Institute on Aging	Early Resistance to Tuberculosis in Old Mice	9/1/02 - 8/31/03	02426001 13242	\$72,500
Akkina,Ramesh K	Primary PI	Pathology University of Colorado Health Sci Ctr	University of Colorado Center for AIDS Research (SCID Mice Core)	7/1/03 - 6/30/08	02468101 13762	\$1,256,586
Allen,Thomas E Demartini,James C	Primary PI Co-PI	Pathology American Cancer Society, Inc.	Oncogenesis in Adenocarcinomas of Alveolar Type II Cell Origin	1/1/03 - 12/31/05	02442801 13399	\$683,385

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Avery,Anne C	Primary PI Pathology Canine Health Foundation, Inc.	An Investigation into the Casual Relationship between Ehrlichia Canis Infection & Canine Lymphoid Malignancy	1/1/03 - 12/31/04	02453301 13603	\$90,604
Avery,Paul R	Primary PI Pathology National Found. for Infectious Diseases	Development of Peptide/Tetramer Technology to Study FIV	6/1/02 - 6/1/03	02419001 13200	\$2,000
Avery,Paul R Hoover,Edward A	Primary PI Co-PI Pathology Morris Animal Foundation	Immunodominant Peptides in FIV Infection; Possible Tools to Prevent Infection	8/1/02 - 7/31/04	02439801 13420	\$35,960
Avery,Paul R Avery,Anne C Mason,Gary L	Primary PI Co-PI Co-PI Pathology Morris Animal Foundation	Investigation into the Cellular Origin of Canine Malignant Histiocytosis	8/1/02 - 7/31/03	02439501 13418	\$8,035
Baker,Dale C Bowen,Richard A	Primary PI Co-PI Pathology HHS-NIH-National Institutes of Health	Characterization of Defective gamma-glutamyl Carboxylase in Sheep	12/1/02 - 11/30/05	02408201 12297	\$748,907
Baker,Dale C	Primary PI Pathology Hemophilia Association of New York	Correction of Hepatic y-glutamyl carboxylase Deficiency in a Sheep Model of Hereditary Carboxylation Deficiency	1/1/02 - 12/31/02	02334601 12138	\$86,159
Baker,Dale C Johnson,Jeremy S	Primary PI Co-PI Pathology HHS-NIH-National Institutes of Health	Defective Gamma-Carboxylation in Rambouillet Sheep	1/1/02 - 12/31/04	02332901 11258	\$141,210
Barillas-Mury,Carolina V	Primary PI Pathology PEW Charitable Trusts	Cell Biology of Plasmodium vivax & Plasmodium falciparum ookinete Invasion of Midgut Epithelial Cells in ...	7/1/02 - 6/30/04	02356801 12353	\$85,000
Barillas-Mury,Carolina V	Primary PI Pathology HHS-NIH-Center for Scientific Review	Cell Biology of Plasmodium vivax & Plasmodium falciparum ookinete Invasion of Midgut Epithelial Cells in ...	4/1/02 - 3/31/05	02327301 11259	\$119,660
Barillas-Mury,Carolina V	Primary PI Pathology HHS-NIH-Center for Scientific Review	Signal Transduction Pathways Mediating Mosquito Responses to Malaria Infection	7/1/02 - 6/30/07	02357001 12295	\$1,782,911

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Investigators/Collaborators	Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount	
Demartini,James C Allen,Thomas E Carlson,Jonathan O Platt,Judy A	Primary PI Co-PI Co-PI Collaborator	Pathology University of Colorado	Oncogenesis in Adenocarcinomas of Alveolar Type II Cell Origin	7/1/02 - 6/30/05	02402101 12910	\$677,113
Gillespie,Robert Dean Titus,Richard G	Primary PI Co-PI	Pathology USDA - US Department of Agriculture	Characterization of Expressed Salivary Gland Genes in Vector Ticks	8/1/02 - 7/31/04	02405701 12898	\$228,956
Hoover,Edward A	Primary PI	Pathology HHS-NIH-National Institutes of Health	United States Based Collaboration in Emerging Viral & Prion Diseases	10/1/02 - 9/30/09	02424501 13146	\$7,874,199
Johnson,Jeremy S Baker,Dale C	Primary PI Co-PI	Pathology American Heart Association	Defective Gamma-Carboxylation in Rambouillet Sheep	7/1/02 - 6/30/04	02404901 12296	\$89,332
Titus,Richard G	Primary PI	Pathology Canine Health Foundation, Inc.	Developing a Sand Fly Vector-Based Vaccine for Canine Leishmania	1/1/03 - 12/31/04	02453101 13584	\$65,887
Titus,Richard G	Primary PI	Pathology Canine Health Foundation, Inc.	Developing a Sand Fly Vector-Based Vaccine for Canine Leishmania	1/1/03 - 12/31/04	02453001 13584	\$65,887
Titus,Richard G	Primary PI	Pathology HHS-NIH-National Institutes of Health	Role of Sand Fly Saliva in Disease	7/1/02 - 6/30/07	02371701 12294	\$1,808,675
Torres,Andrea N Hoover,Edward A	Primary PI Collaborator	Pathology HHS-NIH-Center for Scientific Review	FeLV Infection; A Model of Effective Retroviral Immunity	12/1/02 - 11/30/07	02454901 13606	\$429,073
Vandewoude,Sue Hoover,Edward A	Primary PI Co-PI	Pathology HHS-NIH-National Institutes of Health	Mechanisms of Feline Lentivirus Control & Interference	4/1/02 - 3/31/06	02343601 12185	\$1,281,250
Wilson,Randolph J Avery,Anne C Titus,Richard G	Primary PI Co-PI Co-PI	Pathology HHS-NIH-Center for Scientific Review	Antigens & Immune Response in Malaria Infection	7/1/02 - 6/30/07	02359801 10456	\$485,691

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Anthony,Russell V	Primary PI	Physiology University of Wyoming	Effects of Early Gestational Nutrient Restriction On Offspring Growth, Development & Carcass Characteristics in Beef ... 10/1/02 - 9/30/05	02417201 13143	\$160,713
Bowen,Richard A	Primary PI	Physiology Merial, Ltd.	Efficacy of a Vectored West Nile Virus Vaccine Against an Experimental Mosquito Challenge in Horses 9/1/01 - 6/30/02	02336101 12158	\$81,714
Bowen,Richard A	Primary PI	Physiology University of Texas	Emergence of VEE in North America 4/1/03 - 3/31/08	02463701 13778	\$168,693
Bowen,Richard A	Primary PI	Physiology Merial, Ltd.	Evaluation of a West Nile Virus Vaccine in Crows 9/1/01 - 12/1/01	02329401 12072	\$20,207
Bowen,Richard A Seidel Jr,George E	Primary PI Co-PI	Physiology Morris Animal Foundation	Sex Selection for Dogs by Flow Sorting X & Y Bearing Sperm 9/1/02 - 8/31/04	02439301 13435	\$30,700
Bowen,Richard A	Primary PI	Physiology American Heart Association	The Role of Atrial Natriuretic Peptide in Ameliorating High Altitude Pulmonary Edema 7/1/02 - 6/30/04	02449001 12959	\$40,000
Bowen,Richard A	Primary PI	Physiology National Pork Producers Council	Characterization of West Nile Virus Infection in Swine 6/15/02 - 12/14/02	02452101 13561	\$17,663
Carnevale,Elaine Mccue,Patrick M Squires,Edward L	Primary PI Co-PI Co-PI	Physiology AQHA-American Quarter Horse Assoc.	Effect of Repeated Inseminations, Embryo Collection & Estrogen Treatment on the Mares' Uterus 10/1/02 - 9/30/03	02396601 12838	\$47,920
Clay,Colin	Primary PI	Physiology USDA - US Department of Agriculture	Endocrine Regulation of GnRH Receptor Gene Expression in Ruminants 10/1/02 - 9/30/05	02420201 13149	\$279,538
Escudero,Kenneth W Clay,Colin	Primary PI Co-PI	Physiology HHS-NIH-Child Health and Human Develop	The Role of FoxL2 in Ovarian Gene Regulation 4/1/03 - 3/31/05	02468001 13669	\$145,000
Ishii,Douglas N Magnusson,Kathy	Primary PI Collaborator	Physiology ** Juvenile Diabetes Foundation	Diabetic Neurological Complications 7/1/02 - 6/30/05	02418901 13030	\$535,766

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Investigators/Collaborators	Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount	
Ishii,Douglas N Magnusson,Kathy	Primary PI Collaborator	Physiology ** HHS-NIH-National Institutes of Health	Diabetic Neurological Complications (Pilot)	9/30/02 - 9/29/04	02430201 13274	\$571,097
Nett,Torrance M	Primary PI	Physiology Petsmart Charities	Clinical Trials with GnRh PAP in Dogs	6/1/02 - 5/31/03	02398401 12851	\$157,354
Nett,Torrance M	Primary PI	Physiology Gonex, Inc	Cytotoxic GnRH Derivatives	4/1/02 - 3/31/04	02334001 11992	\$288,470
Rhodes,Jann	Primary PI	Physiology American Heart Association	Pulmonary Vascular Development & Function in Your Adult Rats Following Transient Gestational Hypobaric Hypoxia	7/1/02 - 6/30/05	02411801 12967	\$108,289
Rhodes,Jann	Primary PI	Physiology American Heart Association	Pulmonary Vascular Development & Function in Young Adult Rats Following Transient Gestational Hypobaric Hypoxia	7/1/02 - 6/30/04	02412201 12981	\$70,000
Roess,Deborah A	Primary PI	Physiology HHS-NIH-Center for Scientific Review	Membrane Events Following Hormone Binding to LH Receptors	4/1/02 - 3/31/06	02323501 11832	\$844,031
Roess,Deborah A	Primary PI	Physiology NSF - National Science Foundation	Organization of LH Receptors During Signaling	3/1/02 - 2/28/06	02324101 11689	\$546,007
Squires,Edward L	Primary PI	Physiology AQHA-American Quarter Horse Assoc.	Effect of Cholesterol-Cyclodextrin Complex on Fertility of Frozen Semen	10/1/02 - 9/30/03	02395701 12850	\$39,926
Bailey,Susan M	Primary PI	Radiological Health Sciences Cancer League of Colorado, Inc.	Dysfunctional Telomeres, Radiation-Induced Instability & Tumorigenesis	7/1/02 - 6/30/03	02447401 13461	\$40,000
Bailey,Susan M	Primary PI	Radiological Health Sciences DOD - US Department of Defense	Telomere Dysfunction in Human Breast Cancer	1/1/03 - 12/31/04	02471801 13806	\$378,750
Bedford,Joel S	Primary PI	Radiological Health Sciences Univ California-Lawrence Berkeley Lab	Simulated Space Radiation Studies for the Assessment of Chromosomal Damage	10/1/02 - 9/30/05	02403901 12935	\$576,716

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**Inter-departmental Project

Vet. Medicine & Biomedical Sciences - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount	
Borak,Thomas B Warner,David	Primary PI Collaborator	Radiological Health Sciences ** DOD-DTRA-Defense Threat Reduction Agency	Development of a Neutron Detector for Rapid Screening of Fissile Materials Concealed in Baggage & Shipping ...	11/1/02 - 10/31/04	02469401 13767	\$857,497
Durham,James S	Primary PI	Radiological Health Sciences Landauer Incorporated	Development of Extremity Dosimeters Based on Optically Stimulated Luminescence Readout of alpha-Al(2)O(3): ...	7/1/01 - 6/30/03	02319601 11862	\$122,324
Durham,James S	Primary PI	Radiological Health Sciences Nuclear Regulatory Commission	Technical Assistance to Revise the Varskin Mod2 Computer Code Used to Determine Skin Dose	6/1/02 - 11/30/03	02443001 13439	\$173,897
Ibrahim,Shawki A	Primary PI	Radiological Health Sciences DOE - US Department of Energy	Graduate Studies in Radiochemistry at Colorado State University	3/1/02 - 3/1/05	02399201 12749	\$370,556
Larue,Susan M Gustafson,Nancy Lana,Susan E	Primary PI Collaborator Collaborator	Radiological Health Sciences ** Morris Animal Foundation	Radiation Therapy as an Adjuvant to Chemotherapy for the Treatment of Canine Lymphoma	4/1/02 - 3/31/05	02439401 13335	\$300,834
Liber,Howard	Primary PI	Radiological Health Sciences HHS-NIH-National Institutes of Health	Double Strand Break Mutagenesis: Transcription & p53	2/1/02 - 12/31/04	02388901 12750	\$507,085
Liber,Howard	Primary PI	Radiological Health Sciences HHS-NIH-National Institutes of Health	Ionizing Radiation Mutagenesis	2/1/02 - 5/31/05	02389101 12763	\$836,675
Liber,Howard L	Primary PI	Radiological Health Sciences HHS-NIH-National Institutes of Health	Mechanisms of Radiation-Induced Genomic Instability	12/1/02 - 11/30/07	02420001 13185	\$500,000
Liber,Howard L	Primary PI	Radiological Health Sciences DOE - US Department of Energy	Molecular Mechanisms of Radiation-Induced Genomic Instability in Human Cells	2/1/02 - 9/14/04	02404601 12903	\$1,064,837
Okayasu,Ryuichi	Primary PI	Radiological Health Sciences HHS-NIH-NCI-National Cancer Institute	DNA Double Strand Break Repair in Tobacco Carcinogenesis	4/1/02 - 3/31/04	02336701 12101	\$145,000
Okayasu,Ryuichi	Primary PI	Radiological Health Sciences National Inst. of Radiological Sciences	Analyses of Chromosome Aberrations in irs-20 cells After Exposure to Arsenite & Radiation	8/1/01 - 7/31/02	02325001 11581	\$59,340

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**Inter-departmental Project

Proposals Submitted - 92

Vet. Medicine & Biomedical Sciences - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount	
Smith, Maria Leia M	Primary PI	Radiological Health Sciences American Cancer Society, Inc.	Role of cJun/p53 Interaction in Breast Cancer Progression	7/1/02 - 6/30/06	02365501 12351	\$960,422
Steyn, Phillip F Ogilvie, Gregory K Withrow, Stephen J	Primary PI Co-PI Co-PI	Radiological Health Sciences Copharos, Inc.	Indium 111 Labeled Vitamin B-12 Imaging of Cancer in Dogs & Cats with Naturally Occurring Tumors	3/1/01 - 9/30/02	02376901 11249	\$117,811
Ullrich, Robert L	Primary PI	Radiological Health Sciences HHS-NIH-National Institutes of Health	Carcinogenic Interactions of Radiation & Chemicals	12/1/02 - 11/30/07	02427201 13152	\$1,638,492
Ullrich, Robert L Benjamin, Stephen A Reif, John S Withrow, Stephen J	Primary PI Collaborator Collaborator Collaborator	Radiological Health Sciences ** CCHE-Commission on Higher Education	Comparative Oncology Program of Excellence	7/1/02 - 6/30/07	02412601 13081	\$1,137,428
Ullrich, Robert L	Primary PI	Radiological Health Sciences M. D. Anderson Cancer Center	Murine Models of Radiation Sensitivity	4/1/03 - 3/31/06	02443801 13493	\$542,770
Ullrich, Robert L	Primary PI	Radiological Health Sciences HHS-NIH-Center for Scientific Review	Radiological Sciences Basic to Cancer Research	9/1/02 - 8/31/07	02373901 12363	\$2,863,688
Ullrich, Robert L	Primary PI	Radiological Health Sciences Queensland Institute of Medical Research	Role of Missense Mutant Atm in Radiation-Induced Tumorigenesis	7/1/02 - 6/30/05	02360201 12362	\$209,018
Whicker, F Ward	Primary PI	Radiological Health Sciences Univ. California-Los Alamos National Lab	Vertical Migration of Long-Lived Radionuclides in Surface Soils: Integration of Surface Processes into ...	7/1/01 - 9/30/01	02331501 11888	\$70,284

Vet. Medicine & Biomedical Sciences Total: \$109,856,217

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**Inter-departmental Project

Proposals Submitted - 93

Other - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount	
Godin,Ronald E	Primary PI	Agric Experiment Station EPA - Environmental Protection Agency	Investigation of Organic Weed Control Methods	10/1/02 - 12/31/04	02449801 13643	\$35,345
Deguzman,Glenn	Primary PI	Asian/Pacific American Stu Ser City of Fort Collins - Fort Fund	Asian Fest 2002: Foundations & Celebrations	4/18/02 - 4/28/02	02397701 12862	\$3,000
Felix,Oscar	Primary PI	Center Educ Access & Outreach Colorado Department of Education	Upward Bound Summer Food Service Program	6/1/02 - 7/31/02	02454601 13597	\$7,500
Ward,Robert C	Primary PI	Colo Water Resources Res Inst DOI-USGS-Geological Survey	Atmospheric Nitrogen Deposition: Effects of Algal Growth in Alpine Lakes	7/1/02 - 6/30/04	02442501 13393	\$76,440
Ward,Robert C	Primary PI	Colo Water Resources Res Inst DOI-USGS-Geological Survey	Impact of Acid Mine Drainage on Nitrogen Cycling in Mountain Watersheds	7/1/02 - 12/31/04	02442401 13392	\$142,162
Ward,Robert C	Primary PI	Colo Water Resources Res Inst DOI-USGS-Geological Survey	Occurrence & Fate of Emerging Organic Chemicals in Onsite Wastewater Systems & Implications on Water Quality ...	7/1/02 - 6/30/04	02442601 13394	\$106,822
Ward,Robert C	Primary PI	Colo Water Resources Res Inst DOI-USGS-Geological Survey	Systemic Study of the Effect of Watershed Characteristics on the Inputs of Mercury & Trihalomethane Precursors..	9/1/02 - 2/29/04	02442301 13395	\$58,015
Ward,Robert C	Primary PI	Colo Water Resources Res Inst DOI-USGS-Geological Survey	Use of Low-Cost Data to Simulate Fractured- Aquifer Watersheds for Management of Water Quality & Quantity	9/1/01 - 9/1/03	02352701 12053	\$120,000
Blair,Susan Miller-Heyl,Janet L	Primary PI Co-PI	Cooperative Extension Womens Foundation of Colorado	Young Parents & Peers	7/1/02 - 6/30/03	02417901 13014	\$9,235
Fortson,Leigh S	Primary PI	Cooperative Extension State of Colorado - Governors Office	Biomass Energy Promotion	9/1/02 - 12/31/02	02477101 13945	\$10,334
Gebre-Amlak,Assefa Peairs,Frank B	Primary PI Co-PI	Cooperative Extension ** EPA - Environmental Protection Agency	Using Degree Day Models to Reduce or Optimize Insecticide Use	4/1/02 - 12/31/04	02448101 13525	\$51,660

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**Inter-departmental Project

Proposals Submitted - 94

Other - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount
Gray,Mary Mcphail	Primary PI	Cooperative Extension Colorado Dept Public Health & Environ	Nonpoint Source Information & Education Coordination Continuation	12/1/02 - 02407901 12/1/04 13035	\$329,632
Grimes,Kenneth D	Primary PI	Cooperative Extension Colorado Dept Public Health & Environ	Strengthening the Village Project	7/1/02 - 02406501 6/30/04 12865	\$318,778
Lamm,Alexa J	Primary PI	Cooperative Extension Mississippi State University	Health Rocks! After School Program	1/1/02 - 02377101 6/1/02 12639	\$5,300
Mcbride,Thomas M	Primary PI	Cooperative Extension USDA-CSREES-Coop State Rsrch Edu & Ext	Production & Utilization of Different Forages to Mitigate Soil & Plant Nitrate & Phosphorus Accumulation	1/1/03 - 02471201 12/1/05 13858	\$59,648
Miller-Heyl,Janet L Macphee,David L	Primary PI Co-PI	Cooperative Extension ** HHS-CDC-Centers for Disease Control	DARE to be You Bridge Program in Montezuma County & Navajo Nation	9/30/02 - 02449901 9/29/05 13505	\$1,291,604
Miller-Heyl,Janet L Macphee,David L	Primary PI Co-PI	Cooperative Extension ** HHS-OS-OPHS-Office of Population Affairs	DARE to BE You Family Based Prevention of Teen Pregnancy	9/30/02 - 02429001 9/29/03 13070	\$249,935
Miller-Heyl,Janet L	Primary PI	Cooperative Extension Burlington Resources Foundation	DARE to Be You Teen Parenting Program for Navajo Site	1/15/02 - 02399001 1/14/03 12845	\$84,438
Miller-Heyl,Janet L Biringen,Zeynep C Macphee,David L	Primary PI Co-PI Co-PI	Cooperative Extension ** HHS-CDC-Centers for Disease Control	Multi-level Intervention to Prevent Child Abuse	9/30/02 - 03481401 9/29/07 13822	\$7,038,355
Miller-Heyl,Janet L Blair,Susan	Primary PI Co-PI	Cooperative Extension Kellogg Foundation	Young Parents Plus	6/1/02 - 02413301 5/31/05 12627	\$387,725
Miller-Heyl,Janet L Blair,Susan	Primary PI Co-PI	Cooperative Extension HealthONE	Young Parents Plus Project	7/1/02 - 02424101 7/1/03 12668	\$20,585
Peebles,David V	Primary PI	Cooperative Extension Philip Morris Management Corp.	Identity-Preserved Direct-Marketing Producer Workshop	12/1/01 - 02348601 11/30/02 12061	\$14,500

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**Inter-departmental Project

Proposals Submitted - 95

Other - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount
Plath,Joel C	Primary PI	Cooperative Extension Caring for Colorado Foundation	Wellness Web	3/1/02 - 02412501 3/1/07 13080	\$85,078
Pottorff,Laura Pickett	Primary PI	Cooperative Extension USDA-CSREES-Coop State Rsrch Edu & Ext	Practical & Economically Viable Pest & Disease Monitoring Techniques to Promote IPM in Colorado Greenhouses	2/1/03 - 02470701 6/30/05 13847	\$20,374
Zamora-Van Sice,Rebecc	Primary PI	Cooperative Extension Div. of Criminal Justice/CO Dept Pub Saf	Child Care Resource and Referral - New Provider Project	7/1/02 - 02444401 6/30/03 13483	\$12,500
Bounini,Karima	Primary PI	Educ Outreach-Administration Colorado Department of Transportation	Highway Safety Program	10/1/01 - 02440001 9/30/03 13380	\$169,136
Gorell,Thomas A	Primary PI	Hughes Un Bio-Ctr Life Science HHMI-Howard Hughes Medical Institute	Undergraduate Biological Sciences Education	7/1/02 - 02407401 6/30/06 12526	\$2,194,861
Bookin-Weiner,Jerome B	Primary PI	International Programs **	Development of Multimedia Instructional	11/1/02 - 02471501	\$149,659
Willson,Bryan D	Co-PI	DOS - US Department of State	Capabilities in Benin: Application to	3/31/04 13751	
Denney,Martha Annette	Collaborator		Casting/Foundry Training		
Hirchi,Mohammed	Collaborator				
Kling,Robert W	Collaborator				
Schaeffer,Steven Lewis	Collaborator				
Vogl,Mary B	Collaborator				
Bookin-Weiner,Jerome B	Primary PI	International Programs **	Short-Term Professional Development	7/1/02 - 02456901	\$650,264
Carroll,Barry L	Collaborator	NIIED-Nat Inst for International Ed Dev	Program for Korean Secondary School Science	2/28/03 13566	
De Miranda,Michael A. J	Collaborator		Teachers		
Gorell,Thomas A	Collaborator				
Jones,Brian	Collaborator				
Jones,Christine S	Collaborator				
Thompson,Stephen	Collaborator				
Yohon,Teresa I	Collaborator				
Bastian,Dawn	Primary PI	Library	Western Trails	2/1/02 - 02427301	\$7,000
Lunde,Diane B	Co-PI	University of Denver		9/1/03 13269	

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**Inter-departmental Project

Proposals Submitted - 96

Other - Proposals

Investigators/Collaborators	Department/Sponsor	Title	Project Start / End Dates	Key # / PASS #	Amount
Zalesky,Douglas D	Primary PI	San Juan Basin Research Center ** USDA-CSREES-Coop State Rsrch Edu & Ext	Demonstration of Sustainable, Diversified Small Acreage Production	10/1/03 - 02471601 9/30/06 13835	\$63,607
Zink,Richard T Davidson,Robert D	Primary PI Co-PI	San Luis Vallev Research Ctr USDA-CSREES-Coop State Rsrch Edu & Ext	Methods for Controlling Powdery Scab on Potatoes	11/1/01 - 02359001 10/31/02 12375	\$5,000
Berrada,Abdelfettah	Primary PI	Southwestern Colorado Res Ctr ** USDA-CSREES-Coop State Rsrch Edu & Ext	Development & Promotion of Sustainable Dryland Cropping Systems	1/1/03 - 02470601 1/1/05 13867	\$149,915
Hopkins,Donn	Primary PI	University Police Div. of Criminal Justice/CO Dept Pub Saf	800 MHz Radio System - Colorado State University Police Department	7/1/02 - 02406401 6/30/03 12930	\$99,826
Hopkins,Donn	Primary PI	University Police City of Fort Collins	Multijurisdictional Drug Task Force	7/1/02 - 02392401 6/30/03 12844	\$67,989
Frank,Anthony A	Primary PI	V P Research & Info Technology Colorado Institute of Technology	Start-up Costs for New Information Science & Technology Faculty	9/1/01 - 02332001 7/31/02 12087	\$270,000
Hammon,Robert W	Primary PI	Western Colorado Research Ctr USDA-APHIS-Animal Plant Health Insp Srvc	Biological Control of Cereal Leaf Beetle in Colorado	9/1/02 - 02466001 8/31/03 13693	\$9,900
Other Total:					\$14,376,122

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**Inter-departmental Project

Section V

Awards Received

Agricultural Sciences - Awards

Investigators/Collaborators	Department/Sponsor	Title	Start Date End Date	5-3 Proj # PASS #	Award Amount
Hoag,Dana Loyd	Primary PI	Agric & Resource Economics USDA-CSREES-Coop State Rsrch Edu & Ext	A Risk Education Simulation Program/Game 9/15/01 - 9/14/03	1407 11754	\$99,180
Hoag,Dana Loyd	Primary PI	Agric & Resource Economics USDA-ARS-Agricultural Research Service	Develop New Economic Budgeting & Risk Assessment Components for GPFarm (Great Plains Framework for ... 9/29/98 - 7/31/03	2025	\$7,500
Hoag,Dana Loyd	Primary PI	Agric & Resource Economics USDA-ARS-Agricultural Research Service	Develop New Economic Budgeting & Risk Assessment Components for GPFarm (Great Plains Framework for ... 9/29/98 - 7/31/03	2025	\$5,000
Koontz,Stephen R	Primary PI	Agric & Resource Economics Natl Cattlemen's Beef Association	Carcass Merit Traits: Development of EPD's & Genetic Marker Validation 12/31/00 - 12/31/02	5093 11031	\$16,967
Loomis,John B	Primary PI	Agric & Resource Economics USDA-Forest Service-Pacific NW Exp Statn	Understanding Issues Associated with Recreation & Tourism on Wildlands of the Pacific Northwest 9/28/01 - 9/30/02	8754 12025	\$15,000
Loomis,John B	Primary PI	Agric & Resource Economics USDA-USFS-Pacific SW	Understanding Value Trade Offs Regarding Fire Hazard Reduction Programs in the Wildland- Urban Interface 7/1/02 - 6/20/02	8899 13679	\$23,300
Seidl,Andrew F	Primary PI	Agric & Resource Economics USDA-NRCS-Natural Resources Consvtn Srv	Spanish Version of Land Evaluation & Site Assessment Methodology 8/15/01 - 12/31/01	2072	\$5,000
Spencer,William P	Primary PI	Agric & Resource Economics USDA-Foreign Agricultural Service	Faculty Exchange Program 4/20/97 - 12/31/01	2099	\$32,518
Spencer,William P	Primary PI	Agric & Resource Economics USDA-Foreign Agricultural Service	Faculty Exchange Program 4/20/97 - 12/31/02	2099	\$7,762
Spencer,William P	Primary PI	Agric & Resource Economics USDA-Foreign Agricultural Service	Faculty Exchange Program 4/20/97 - 12/31/02	2099	\$32,073
Belk,Keith Scanga,John A Smith,Gary C	Primary PI Co-PI Co-PI	Animal Sciences National Pork Producers Council	Competitive Disparities for U.S. Pork in Export Markets 2/1/02 - 10/1/02	5332 12681	\$118,042
Belk,Keith Scanga,John A Smith,Gary C	Primary PI Co-PI Co-PI	Animal Sciences Samuel Roberts Noble Foundation	Cattle Feeding & Carcass Data Collection Trials 5/2/01 - 5/1/04	5429 11653	\$3,928
Belk,Keith Scanga,John A Smith,Gary C	Primary PI Co-PI Co-PI	Animal Sciences Samuel Roberts Noble Foundation	Cattle Feeding & Carcass Data Collection Trials 5/2/01 - 5/1/04	5429 11653	\$5,400

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Awards Received includes all new and incremental funding toward a new or existing project.

**Inter-departmental Project

Awards Received - 1

Agricultural Sciences - Awards

Investigators/Collaborators	Department/Sponsor	Title	Start Date End Date	5-3 Proj # PASS #	Award Amount
Belk,Keith Scanga,John A Smith,Gary C	Primary PI Co-PI Co-PI Animal Sciences Samuel Roberts Noble Foundation	Cattle Feeding & Carcass Data Collection Trials	5/2/01 - 5/1/04	5436 11653	\$5,645
Belk,Keith Scanga,John A Smith,Gary C	Primary PI Co-PI Co-PI Animal Sciences Samuel Roberts Noble Foundation	Cattle Feeding & Carcass Data Collection Trials	5/2/01 - 5/1/04	5436 11653	\$4,148
Belk,Keith Scanga,John A Smith,Gary C	Primary PI Co-PI Co-PI Animal Sciences Samuel Roberts Noble Foundation	Cattle Feeding & Carcass Data Collection Trials	5/2/01 - 5/1/04	5437 11653	\$15,672
Belk,Keith Scanga,John A Smith,Gary C	Primary PI Co-PI Co-PI Animal Sciences Samuel Roberts Noble Foundation	Cattle Feeding & Carcass Data Collection Trials	5/2/01 - 5/1/04	5437 11653	\$18,711
Denniston,David J	Primary PI Animal Sciences AQHA-American Quarter Horse Assoc.	AQHA International Horsemanship Camp	4/9/02 - 3/31/03	5359 12945	\$11,800
Engle,Terry E	Primary PI Animal Sciences Roche	Effects of Vitamin C Supplementation on Plasma Vitamin Kinetics	7/1/01 - 6/30/02	8211 12315	\$12,601
Engle,Terry E	Primary PI Animal Sciences Zinpro Corporation	Effects of Zinc Source & Implant Strategy on Feedlot Performance, Immune Response, & Carcass Characteristics ...	8/1/01 - 12/1/02	8255	\$65,017
Golden,Bruce L Enns,Richard Mark	Primary PI Co-PI Animal Sciences Cornell University	National Beef Cattle Genetic Evaluation Consortium	6/15/01 - 6/14/03	1374 11022	\$49,000
Golden,Bruce L	Primary PI Animal Sciences Cornell University	National Beef Cattle Genetic Evaluation Consortium	6/15/01 - 6/14/02	1374 11022	\$47,500
Golden,Bruce L	Primary PI Animal Sciences USDA-ARS-Agricultural Research Service	Determine the Genetic Similarity Between Two Separate Lines of Hereford Cattle	8/18/00 - 7/31/03	2061 10071	\$12,500
Irlbeck,Nancy A	Primary PI Animal Sciences Denver Zoological Foundation	Development of Browse Data Base	2/19/97 - 2/28/03	5440	\$14,000
Lamm,W Dennis	Primary PI Animal Sciences Utah State University	Professional Development Program for Colorado	10/1/01 - 12/31/02	1394 11378	\$10,000
Scanga,John A Belk,Keith Smith,Gary C	Primary PI Co-PI Co-PI Animal Sciences American Meat Science Association	Pork Chain Quality Audit--2001	9/1/01 - 10/31/02	5135 10816	\$170,000

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**Inter-departmental Project

Awards Received includes all new and incremental funding toward a new or existing project.

Agricultural Sciences - Awards

Investigators/Collaborators	Department/Sponsor	Title	Start Date End Date	5-3 Proj # PASS #	Award Amount	
Scanga,John A Belk,Keith Smith,Gary C	Primary PI Co-PI Co-PI	Animal Sciences Swift & Company	Validation of the E+V Image Analysis System as a Predictor of Pork Carcass Red Meat Yield	10/8/01 - 3/31/02	6054 12344	\$36,020
Scanga,John A Belk,Keith Smith,Gary C	Primary PI Co-PI Co-PI	Animal Sciences Research Management Systems, Inc.	Installation & Validation of the CVS & Beef Cam Objective Carcass Measurement Systems in Uruguayan Beef Industry	1/17/02 - 3/1/03	8264 12958	\$32,645
Scanga,John A Belk,Keith Smith,Gary C	Primary PI Co-PI Co-PI	Animal Sciences Research Management Systems, Inc.	Uruguay Beef & Lamb Quality Survey	1/17/02 - 3/1/03	8265 11193	\$47,260
Schmidt,Glenn R	Primary PI	Animal Sciences American Sheep Industry Association	Lamb Product Development	8/1/01 - 7/31/02	2207 11278	\$40,000
Siciliano,Paul D Engle,Terry E	Primary PI Collaborator	Animal Sciences Zinpro Corporation	Effect of Selenium Source on Equine Selenium Status	12/18/01 - 12/17/02	8268 12503	\$13,457
Sofos,John N Belk,Keith Scanga,John A Smith,Gary C	Primary PI Co-PI Co-PI Co-PI	Animal Sciences National Pork Producers Council	Optimization of Antimicrobials for Control of Listeria Monocytogens & for Acceptable Pork Product Quality	4/1/02 - 4/1/03	5333 12487	\$24,950
Sofos,John N Belk,Keith Scanga,John A	Primary PI Co-PI Co-PI	Animal Sciences PRAXAIR, Inc.	The Potential of Using Ozone as a Disinfectant in Beef Slaughtering/Dressing &/or Fabrication	7/1/01 - 3/30/02	8254 996	\$29,900
Beck,K George	Primary PI	Bioagriculturl Sci & Pest Mgmt City of Lakewood	Using Sheep to Manage Diffuse Knapweed & Other Noxious Weeds on Green Mountain, City of Lakewood Open Space Property	5/7/02 - 6/30/03	5348 11422	\$3,959
Bjostad,Louis B	Primary PI	Bioagriculturl Sci & Pest Mgmt USDA-APHIS-Animal Plant Health Insp Srvc	Cooperative Agricultural Pest Survey 2002	10/1/01 - 9/30/02	2143	\$61,438
Bjostad,Louis B	Primary PI	Bioagriculturl Sci & Pest Mgmt USDA-APHIS-Animal Plant Health Insp Srvc	Cooperative Agricultural Pest Survey 2001	10/1/01 - 9/30/02	2145	\$15,760
Bjostad,Louis B	Primary PI	Bioagriculturl Sci & Pest Mgmt USDA-APHIS-Animal Plant Health Insp Srvc	Cooperative Agricultural Pest Survey 2002	10/1/01 - 9/30/02	2146	\$3,355
Bjostad,Louis B	Primary PI	Bioagriculturl Sci & Pest Mgmt USDA-APHIS-Animal Plant Health Insp Srvc	Cooperative Agricultural Pest Survey 2002	10/1/01 - 9/30/02	2147	\$9,735
Brown,William M Jr Hill,Joseph P	Primary PI Co-PI	Bioagriculturl Sci & Pest Mgmt USDA-ARS-Agricultural Research Service	Evaluation of Barley Germplasm for Reaction to Barley Stripe Rust	9/17/01 - 12/31/03	2064	\$15,000

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**Inter-departmental Project

Awards Received includes all new and incremental funding toward a new or existing project.

Agricultural Sciences - Awards

Investigators/Collaborators	Department/Sponsor	Title	Start Date End Date	5-3 Proj # PASS #	Award Amount
Brown,William M Jr Bjostad,Louis B	Primary PI Co-PI	Bioagricultur Sci & Pest Mgmt USDA-APHIS-Animal Plant Health Insp Srvc	Cooperative Agricultural Pest Survey 2002 10/1/01 - 9/30/02	2144	\$6,952
Hill,Joseph P Quick,James S	Primary PI Co-PI	Bioagricultur Sci & Pest Mgmt Colorado Wheat Administrative Commission	Development of Improved Quality & High Yield in Wheat Germplasm in Colorado 7/1/97 - 6/30/02	8305	\$5,000
Holtzer,Thomas O	Primary PI	Bioagricultur Sci & Pest Mgmt Colorado Department of Agriculture	GIS/GPS & Database Services for Noxious Weed Management 7/1/01 - 6/30/02	0524	\$3,000
Holtzer,Thomas O	Primary PI	Bioagricultur Sci & Pest Mgmt Colorado Department of Agriculture	GIS/GPS & Database Services for Noxious Weed Management 7/1/01 - 6/30/02	0524	\$50,308
Holtzer,Thomas O	Primary PI	Bioagricultur Sci & Pest Mgmt Colorado Department of Agriculture	GIS/GPS & Database Services for Noxious Weed Management 7/1/02 - 6/30/03	0556	\$52,793
Holtzer,Thomas O	Primary PI	Bioagricultur Sci & Pest Mgmt USDA-CSREES-Coop State Rsrch Edu & Ext	Management of Russian Wheat Aphid in Dryland Cropping Systems of the Great Plains 9/15/99 - 9/30/02	1453 980989	\$233,338
Holtzer,Thomas O Cranshaw,Whitney S	Primary PI Co-PI	Bioagricultur Sci & Pest Mgmt Taensa, Inc.	Biological Control of Ornamental Pests with Taensa Products 4/1/00 - 12/31/02	8225 991416	\$3,480
Hufbauer,Ruth A Norton,Andrew P	Primary PI Co-PI	Bioagricultur Sci & Pest Mgmt USDA-CSREES-Coop State Rsrch Edu & Ext	The Genetic & Environmental Basis for Host- plant Specificity in a Biocontrol Agent of Toadflaxes 9/1/01 - 8/31/03	1500 10886	\$160,516
Hufbauer,Ruth A Henk,Shanna C	Primary PI Co-PI	Bioagricultur Sci & Pest Mgmt ** USDA-ARS-Agricultural Research Service	Genetic Character of Knapweeds in Eurasia 10/1/01 - 7/30/03	2069 12321	\$66,000
Hutcheson,Harry Joel	Primary PI	Bioagricultur Sci & Pest Mgmt HHS-NIH-NIAID-Allergy & Infect Diseases	Molecular Genetic Markers for Medically Important Tick Vectors 9/30/01 - 8/31/03	7633 12032	\$159,957
Ishimaru,Carol A Knudson,Dennis L	Primary PI Co-PI	Bioagricultur Sci & Pest Mgmt USDA-CSREES-Coop State Rsrch Edu & Ext	Complete Genome Sequence of Clavibacter Michiganensis Subsp. Sepedonicus 9/15/01 - 9/30/03	1420 11476	\$400,000
Jacobi,William R	Primary PI	Bioagricultur Sci & Pest Mgmt Denver Water Department	Water Usage by Cottonwood Trees 5/1/02 - 3/31/03	5360 13396	\$32,256
Jacobi,William R Cipra,Jan E Reich,Robin M	Primary PI Collaborator Collaborator	Bioagricultur Sci & Pest Mgmt ** USDA - US Department of Agriculture	Landscape Scale Hazard Rating for White Pine Blister Rust 9/25/01 - 9/30/04	8782	\$78,000
Jacobi,William R Cipra,Jan E Reich,Robin M	Primary PI Collaborator Collaborator	Bioagricultur Sci & Pest Mgmt ** USDA - US Department of Agriculture	Landscape Scale Hazard Rating for White Pine Blister Rust 9/25/01 - 9/30/05	8782	\$81,000
Knudson,Dennis L	Primary PI	Bioagricultur Sci & Pest Mgmt Texas A & M	Mariner Mobility in the Mosquito Genome 4/1/00 - 3/31/05	7530 992162	\$75,000

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**Inter-departmental Project

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Agricultural Sciences - Awards

Investigators/Collaborators	Department/Sponsor	Title	Start Date End Date	5-3 Proj # PASS #	Award Amount	
Knudson,Dennis L	Primary PI	Bioagricultur Sci & Pest Mgmt HHS-PHS-AID-Microbio & Infectious Dis Re	Mapping of Filarial Vector Competence in Aedes Aegypti	4/4/94 - 3/31/03	7785	\$377,982
Kondratieff,Boris C	Primary PI	Bioagricultur Sci & Pest Mgmt DOI-NPS-National Park Service	An Inventory of the Arthropods of Yucca House National Monument	5/1/02 - 9/30/02	4129 1934	\$2,000
Lawrence,Christopher B	Primary PI	Bioagricultur Sci & Pest Mgmt University of Kentucky	Pathogen-inducible Promoters for High Level Disease Resistance	2/12/01 - 6/30/02	5345 10681	\$25,000
Mcdonald,Sandra K	Primary PI	Bioagricultur Sci & Pest Mgmt University of California at Davis	Colorado Pest Management Center	1/1/01 - 9/14/02	1368 10798	\$72,794
Mcdonald,Sandra K	Primary PI	Bioagricultur Sci & Pest Mgmt University of California at Davis	Minor Crop Pesticide Development Mini Center	4/27/00 - 4/26/02	2214	\$45,550
Mcdonald,Sandra K	Primary PI	Bioagricultur Sci & Pest Mgmt University of California at Davis	Minor Crop Pesticide Development Mini Center	4/27/00 - 3/31/03	2214	\$45,000
Mcdonald,Sandra K	Primary PI	Bioagricultur Sci & Pest Mgmt University of California at Davis	Minor Crop Pesticide Development Mini Center	4/27/00 - 3/31/03	2214	\$620
Mcdonald,Sandra K	Primary PI	Bioagricultur Sci & Pest Mgmt University of California at Davis	Minor Crop Pesticide Development Mini Center	4/27/00 - 4/26/02	2214	\$1,950
Nissen,Scott J	Primary PI	Bioagricultur Sci & Pest Mgmt Colorado Dry Bean Admin. Committee	Weed Control in Dry Bean	7/1/98 - 12/31/02	5624 13400	\$5,000
Nissen,Scott J	Primary PI	Bioagricultur Sci & Pest Mgmt Potato Administration of Colorado	Continued Evaluation of New Herbicides for Weed Control in Potatoes	7/1/00 - 6/30/02	8329	\$4,000
Nissen,Scott J	Primary PI	Bioagricultur Sci & Pest Mgmt Potato Administration of Colorado	Continued Evaluation of Authority & Visor for Potato Weed Control	7/1/97 - 6/30/02	8337	\$4,000
Nissen,Scott J	Primary PI	Bioagricultur Sci & Pest Mgmt Potato Administration of Colorado	Comparison of Potato Vine Kill with Diquat, Desiccate II, Superquick & Liberty	7/1/99 - 6/30/02	8340	\$3,000
Nissen,Scott J	Primary PI	Bioagricultur Sci & Pest Mgmt Potato Administration of Colorado	Vertical Distribution of Dual Magnum, Outlook, Sencor & Matrix in Soil Based on the Amount of Water...	7/1/00 - 6/30/02	8344	\$8,000
Norton,Andrew P Caspari,Horst W Larsen,Harold J	Primary PI Collaborator Collaborator	Bioagricultur Sci & Pest Mgmt ** USDA-CSREES-Coop State Rsrch Edu & Ext	Integrating Control Strategies for Grape Powdery Mildew	7/1/02 - 6/30/04	1472 12683	\$38,660
Norton,Andrew P	Primary PI	Bioagricultur Sci & Pest Mgmt USDA-ARS-Agricultural Research Service	Investigations on the Distribution & Biology of Tarnished Plant Bugs (Lygus spp.) & their Natural Emenies in Colorado	10/1/01 - 9/30/02	2097 12373	\$5,000

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**Inter-departmental Project

Awards Received - 5

Agricultural Sciences - Awards

Investigators/Collaborators	Department/Sponsor	Title	Start Date End Date	5-3 Proj # PASS #	Award Amount	
Peairs, Frank B Holtzer, Thomas O Peterson, Gary	Primary PI Co-PI Co-PI	Bioagricultural Sci & Pest Mgmt ** USDA-ARS-Agricultural Research Service	Biologically Intensive Areawide Integrated Pest Management of Russian Wheat Aphid & Greenbug	10/1/01 - 9/30/06	2184 13287	\$10,700
Peairs, Frank B Quick, James S	Primary PI Co-PI	Bioagricultural Sci & Pest Mgmt Colorado Wheat Administrative Commission	Development of Winter Wheat Varieties Resistant to Russian Wheat Aphid	7/1/97 - 6/30/02	8304	\$15,000
Schwartz, Howard F	Primary PI	Bioagricultural Sci & Pest Mgmt Rutgers - State University of New Jersey	Suppression of Alternaria Diseases of Potato- Biochemical Biopesticide Label Expansion	6/1/01 - 5/31/02	2222	\$5,080
Schwartz, Howard F	Primary PI	Bioagricultural Sci & Pest Mgmt Colorado Dry Bean Admin. Committee	Dry Bean Integrated Pest Management & Technology Transfer	1/1/98 - 12/31/02	5396 13398	\$10,000
Schwartz, Howard F Hill, Joseph P	Primary PI Co-PI	Bioagricultural Sci & Pest Mgmt Potato Administration of Colorado	Studies on Occurrence Control of Early & Late Blight Diseases of Potato in Colorado	7/1/97 - 6/30/02	8335	\$5,250
Westra, Philip	Primary PI	Bioagricultural Sci & Pest Mgmt Washington State University	Integrated Management Systems for Jointed Goatgrass Control in the Central Great Plains	9/15/01 - 9/30/03	1311 12103	\$20,000
Westra, Philip	Primary PI	Bioagricultural Sci & Pest Mgmt Washington State University	Managing Imazamox-Resistant Wheat in Crop Rotations for Control of Jointed Goatgrass	9/15/01 - 9/30/03	1314 12105	\$20,000
Westra, Philip	Primary PI	Bioagricultural Sci & Pest Mgmt Colorado Wheat Administrative Commission	Winter Annual Grass Weed Research in Wheat	7/1/97 - 6/30/02	8301	\$20,000
Zimdahl, Robert L Davis, Jessica G	Primary PI Co-PI	Bioagricultural Sci & Pest Mgmt Utah State University	Exploration of the Ethical Basis for Agricultural Sustainability	7/1/01 - 12/31/02	1384 10404	\$26,672
Caspari, Horst W	Primary PI	Horticulture & Landscape Arch Colorado Department of Agriculture	Viticulture & Enology Programs for the Colorado Wine Industry	8/1/01 - 2/28/02	0496	\$90,000
Caspari, Horst W	Primary PI	Horticulture & Landscape Arch Colorado Department of Agriculture	Viticulture & Enology Programs for the Colorado Wine Industry	4/1/02 - 12/31/02	0551	\$115,000
Klett, James E	Primary PI	Horticulture & Landscape Arch University of California	Weed Control with Herbaceous Plants	2/25/91 - 3/31/03	2200	\$10,376
Stushnoff, Cecil	Primary PI	Horticulture & Landscape Arch USDA-ARS-Agricultural Research Service	Assessment of Diversity in the Core Collection of Apple Germplasm for Antioxidant Radical Scavenging Potential	9/1/01 - 7/31/03	2095 11366	\$14,625
Stushnoff, Cecil	Primary PI	Horticulture & Landscape Arch Potato Administration of Colorado	Application of FTIR Spectroscopy to Identify Potato Cultivars	7/1/97 - 6/30/02	8324	\$14,000
Vivanco, Jorge M	Primary PI	Horticulture & Landscape Arch NSF - National Science Foundation	Biochemical, Molecular & Physiological Studies of Plant Ribosome-Inactivating Proteins	5/1/01 - 4/30/06	3250 10012	\$110,000

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**Inter-departmental Project

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Agricultural Sciences - Awards

Investigators/Collaborators	Department/Sponsor	Title	Start Date End Date	5-3 Proj # PASS #	Award Amount	
Vivanco,Jorge M	Primary PI	Horticulture & Landscape Arch NSF - National Science Foundation	CAREER: Biochemical, Molecular & Physiological Analysis of Plant Ribosome Inactivating Proteins	5/1/01 - 4/30/03	3308 10012	\$6,660
Vivanco,Jorge M	Primary PI	Horticulture & Landscape Arch Colorado Certified Potato Growers Assn	Characterization & Analysis of Antifungal Proteins from Phytophthora Infestans (late blight)-Resistant ...	7/1/01 - 6/30/06	5067	\$5,397
Vivanco,Jorge M	Primary PI	Horticulture & Landscape Arch Potato Administration of Colorado	Characterization of Antifungal Proteins from Phytophthora Infestans	7/1/01 - 6/30/02	8343	\$5,000
Wallner,Stephen J	Primary PI	Horticulture & Landscape Arch	Colorado Specialty Crops Program	11/21/01 -	0539	\$1,500,000
Rewerts,Milan A	Collaborator	Colorado Department of Agriculture		10/31/06	12689	
Sommers,Lee E	Collaborator					
Zink,Richard T	Primary PI	Horticulture & Landscape Arch	Utilization of Compost Made from Agricultural & Forestry Wastes for Improving the Economic & Ecological...	8/15/00 - 12/31/03	1372 573	\$41,655
Dillon,Merlin A	Co-PI	Utah State University				
Thompson,Asunta L	Co-PI					
Barbarick,Kenneth A	Primary PI	Soil & Crop Sciences City of Littleton	Land Application of Sewage Biosolids	1/1/02 - 12/31/02	5127	\$70,114
Barbarick,Kenneth A	Primary PI	Soil & Crop Sciences	Comparison of Reclamation Treatments at the Buffalo Creek Wildfire Site	10/1/01 - 9/30/03	5805 11792	\$49,500
Redente,Edward F	Co-PI	EPA - Environmental Protection Agency				
Berrada,Abdelfettah	Primary PI	Soil & Crop Sciences Colorado Dry Bean Admin. Committee	2002 Dry Bean Nursery & Variety Testing in South West Colorado	11/1/92 - 12/31/02	5253 13364	\$2,000
Brick,Mark A	Primary PI	Soil & Crop Sciences Colorado Dry Bean Admin. Committee	Genetic Improvement of Dry Beans for Yield & White Mold Disease Resistance	11/1/92 - 12/31/02	5254 13362	\$14,000
Cipra,Jan E	Primary PI	Soil & Crop Sciences	Inventory & Monitoring Natural Resources	6/1/00 -	2862	\$55,000
Flynn,Robert L	Co-PI	DOI-NPS-National Park Service	Status & Trends in the National Park System:	5/13/04	10097	
Kelly,Eugene F	Co-PI		Soil Resources Inventory			
Davis,Jessica G	Primary PI	Soil & Crop Sciences COCMA-Colo Organic Crop Mgmt Assoc	Nutrient Availability for Apple Trees from Chicken Manure & Compost	4/1/99 - 3/31/02	5016	\$7,240
Haley,Scott D	Primary PI	Soil & Crop Sciences Colorado Wheat Research Foundation, Inc.	Purpose of Developing, Propagating, Producing & Distributing Improved Wheat Cultivars	7/1/00 - 12/31/05	5141 10484	\$322
Haley,Scott D	Primary PI	Soil & Crop Sciences Colorado Wheat Research Foundation, Inc.	Purpose of Developing, Propagating, Producing & Distributing Improved Wheat Cultivars	7/1/00 - 12/31/05	5141 10484	\$38,658
Haley,Scott D	Primary PI	Soil & Crop Sciences	Development of Improved Quality & High Yield	7/1/97 -	8300	\$51,590
Quick,James S	Co-PI	Colorado Wheat Administrative Commission	in Wheat Germplasm in Colorado	6/30/02		

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**Inter-departmental Project

Awards Received - 7

Agricultural Sciences - Awards

Investigators/Collaborators	Department/Sponsor	Title	Start Date End Date	5-3 Proj # PASS #	Award Amount
Haley,Scott D Quick,James S	Primary PI Co-PI Soil & Crop Sciences Colorado Wheat Administrative Commission	Evaluation of Milling & Baking Performance of Colorado Wheats	7/1/97 - 6/30/02	8303	\$6,000
Haley,Scott D Quick,James S	Primary PI Co-PI Soil & Crop Sciences Colorado Wheat Administrative Commission	Northwest Colorado Wheat Test Plot	7/1/01 - 6/30/02	8308 12519	\$2,000
Johnson,Jerry J	Primary PI Soil & Crop Sciences Colorado Dry Bean Admin. Committee	Bean Testing Project	6/1/92 - 12/31/02	5648 13363	\$7,500
Johnson,Jerry J	Primary PI Soil & Crop Sciences Colorado Wheat Administrative Commission	Development of Improved Quality & High Yield in Wheat Germplasm in Colorado	7/1/97 - 6/30/02	8302	\$6,500
Kelly,Eugene F	Primary PI Soil & Crop Sciences DOI-BLM-Bureau of Land Management	Utilization of Remote Sensing Technologies: California Desert Predictive Modeling Project	1/1/02 - 1/30/03	1765 12076	\$12,370
Kelly,Eugene F	Primary PI Soil & Crop Sciences DOI-BLM-Bureau of Land Management	Utilization of Remote Sensing Technologies: California Desert Predictive Modeling Project	1/1/02 - 1/30/03	1765 12076	\$45,000
Kelly,Eugene F	Primary PI Soil & Crop Sciences USDA-ARS-Agricultural Research Service	GIS & Database Product Delivery to End Users Utilizing the Internet	9/8/99 - 6/30/02	2001	\$55,000
Lapitan,Nora	Primary PI Soil & Crop Sciences University of California at Davis	Bringing Genomics to the Wheat Fields	9/15/01 - 9/30/02	1383 11451	\$28,348
Lapitan,Nora	Primary PI Soil & Crop Sciences University of California at Davis	The Structure, Function & Evolution of the Expressed Portion of the Wheat Genome	9/1/99 - 8/31/03	3406 991427	\$48,952
Lapitan,Nora	Primary PI Soil & Crop Sciences University of California at Davis	The Structure, Function & Evolution of the Expressed Portion of the Wheat Genome (REU Supplement)	9/1/99 - 8/31/03	3428 991427	\$4,400
Loeffler,Timothy M	Primary PI Soil & Crop Sciences USDA-ARS-Agricultural Research Service	Evaluation of Seed Longevity of Germplasm Placed in Long-Term Storage	7/14/00 - 6/30/05	2034	\$15,000
Loeffler,Timothy M	Primary PI Soil & Crop Sciences USDA-ARS-Agricultural Research Service	Evaluation of Seed Longevity of Germplasm Placed in Long-Term Storage	7/14/00 - 6/30/05	2034	\$15,000
Pearson,Calvin H	Primary PI Soil & Crop Sciences Colorado Dry Bean Admin. Committee	Agronomic Dry Bean Research in Western Colorado	1/1/00 - 12/31/02	5518 13365	\$2,000
Peterson,Gary A	Primary PI Soil & Crop Sciences USDA-ARS-Agricultural Research Service	Dryland Agroecosystems	9/29/98 - 5/31/03	2044	\$20,000
Quick,James S	Primary PI Soil & Crop Sciences Colorado Wheat Research Foundation, Inc.	Developing, Propagating, Producing, & Distributing Improved Wheat Cultivars Developed at CSU	7/1/00 - 12/31/05	5140 10483	\$31,629

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**Inter-departmental Project

Agricultural Sciences - Awards

Investigators/Collaborators	Department/Sponsor	Title	Start Date End Date	5-3 Proj # PASS #	Award Amount
Quick,James S	Primary PI Soil & Crop Sciences USDA-ARS-Agricultural Research Service	Seed Viability & Storage Research	12/5/01 - 9/30/02	8006	\$16,631
Quick,James S	Primary PI Soil & Crop Sciences USDA-ARS-Agricultural Research Service	Seed Viability & Storage Research	12/5/01 - 9/30/02	8006	\$15,554
Quick,James S Haley,Scott D	Primary PI Co-PI Soil & Crop Sciences Colorado Wheat Administrative Commission	Development of Improved Quality & High Yield in Spring Wheat Germplasm in Colorado	7/1/99 - 6/30/02	8307	\$14,500
Schweissing, Frank C	Primary PI Soil & Crop Sciences Colorado Dry Bean Admin. Committee	Variety Trials at Rocky Ford	1/1/99 - 12/31/02	5023 13366	\$1,000
Waibel, Gilbert P	Primary PI Soil & Crop Sciences Colorado Seed Growers Association	Colorado Seed Growers	7/1/98 - 6/30/02	5626	\$170,000
Waskom, Reagan M	Primary PI Soil & Crop Sciences Colorado Department of Agriculture	Training & Education for Agricultural Chemicals & Groundwater	7/1/01 - 6/30/02	0518	\$125,600
Westfall, Dwayne G	Primary PI Soil & Crop Sciences USDA-ARS-Agricultural Research Service	Precision Farming to Protect Water Quality & Conserve Resources	9/21/01 - 8/31/06	2088 12289	\$88,100
Westfall, Dwayne G	Primary PI Soil & Crop Sciences USDA-ARS-Agricultural Research Service	Precision Farming to Protect Water Quality & Conserve Resources	9/21/01 - 8/31/06	2088 12289	\$86,060
Agricultural Sciences Total:					\$6,338,882

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**Inter-departmental Project

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Applied Human Sciences - Awards

Investigators/Collaborators	Department/Sponsor	Title	Start Date End Date	5-3 Proj # PASS #	Award Amount	
Asmus, Cheryl L	Primary PI	Dean Of Applied Human Sciences CHP+ - Child Health Plan Plus	CHP+ Grants Program & Colorado State University Cooperative Extension	11/6/00 - 12/31/01	0059 2730	\$3,200
Asmus, Cheryl L Mccracken, Pamela S	Primary PI Co-PI	Dean Of Applied Human Sciences US Department of Education	Drug Court as a Systems-based Model for High- risk Drinking on a Campus	10/1/01 - 9/30/03	4230 10864	\$173,673
Asmus, Cheryl L	Primary PI	Dean Of Applied Human Sciences Family Resource Center Association Inc.	Evaluation & Data Compilation Plan: Early Childhood Education Programs for the Family Resource Center...	1/14/02 - 10/31/02	5190 12765	\$36,635
Thayer, Marilyn L	Primary PI	Dean Of Applied Human Sciences Poudre School District R-1	Even Start Program	7/1/01 - 6/30/02	5160	\$20,962
Davy, Kevin	Primary PI	Dept Of Health & Exercise Sci HHS-Heart and Vascular Disease Research	Abdominal Fat & Autonomic-Circulatory Control in Humans	2/15/00 - 1/31/04	7837 980641	\$284,857
Hickey, Matthew Israel, Richard G Melby, Christopher L	Primary PI Collaborator Collaborator	Dept Of Health & Exercise Sci Slim-Fast Nutrition Institute	Post-exercise Protein Feeding: Role in Recovery from Eccentric Exercise	11/16/01 - 6/30/03	6077 11480	\$46,283
Mckenna, Judy E	Primary PI	Design & Merchandising National Endowment for Financial Educati	The High School Financial Planning Program on WEB CT	9/7/00 - 12/31/02	5214 2582	\$13,000
Mckenna, Judy E	Primary PI	Design & Merchandising National Endowment for Financial Educati	The High School Financial Planning Program on WEB CT	9/7/00 - 12/31/01	5214 2582	\$15,000
Anderson, Jennifer E.L	Primary PI	Food Science & Human Nutrition Colorado Department of Human Service	Nutrition Education Plan (Network Portion)	10/1/00 - 9/30/01	0018	\$17,000
Anderson, Jennifer E.L	Primary PI	Food Science & Human Nutrition Colorado Department of Human Service	Nutrition Education Plan 2001-2002 (FSNEP Adult - ON CAMPUS)	10/1/01 - 9/30/02	0046	\$229,218
Anderson, Jennifer E.L	Primary PI	Food Science & Human Nutrition Colorado Department of Human Service	Nutrition Education Plan 2001-2002 (FSNEP Adult - OFF CAMPUS)	10/1/01 - 9/30/02	0047	\$742,093
Anderson, Jennifer E.L	Primary PI	Food Science & Human Nutrition Colorado Department of Human Service	Nutrition Education Plan 2001-2002 (Nutrition Network - ON CAMPUS)	10/1/01 - 9/30/02	0048	\$692,263
Anderson, Jennifer E.L	Primary PI	Food Science & Human Nutrition Colorado Department of Human Service	Nutrition Education Plan 2001-2002 (Nutrition Network - OFF CAMPUS)	10/1/01 - 9/30/02	0049	\$17,690
Anderson, Jennifer E.L	Primary PI	Food Science & Human Nutrition Colorado Department of Human Service	Nutrition Education Plan 2001-2002 (Alternative Ed Strategies - ON CAMPUS)	10/1/01 - 9/30/02	0050	\$135,737
Avens, John S	Primary PI	Food Science & Human Nutrition Community Power Corporation	Demonstration of Modular Biopower System Using Poultry Waste	9/15/01 - 2/15/02	3939 11185	\$15,495

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**Inter-departmental Project

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Applied Human Sciences - Awards

Investigators/Collaborators	Department/Sponsor	Title	Start Date End Date	5-3 Proj # PASS #	Award Amount
Beckstrom,Leslie A	Primary PI	Food Science & Human Nutrition Colorado Action for Healthy People	Happy Feet and Healthy Eats 10/15/01 - 10/14/02	5157 12098	\$10,000
Campfield,L. Arthur Smith,Francoise	Primary PI Co-PI	Food Science & Human Nutrition HHS-NIH-Nat. Ctr. for Research Resources	Shaping Health Behaviors through Science Enrichment 9/30/00 - 8/31/03	7865 10543	\$317,213
Anderson,Jennifer E.L. Auld,Garry W Miller,Jeffrey P	Collaborator Collaborator Collaborator				
Campfield,L.Arthur Smith,Francoise Anderson,Jennifer E.L. Auld,Garry W Miller,Jeffrey P	Primary PI Co-PI Collaborator Collaborator Collaborator	Food Science & Human Nutrition HHS-NIH-Nat. Ctr. for Research Resources	Shaping Health Behaviors through Science Enrichment 9/30/00 - 8/31/03	7865 10543	\$182,209
Kendall,Patricia A	Primary PI	Food Science & Human Nutrition Ohio State University	Design & Evaluation of Food Safety Educations for High Risk Audiences 12/15/01 - 6/30/03	1393 10871	\$60,424
Kendall,Patricia A	Primary PI	Food Science & Human Nutrition USDA-CSREES-Coop State Rsrch Edu & Ext	Food Safety for the Immune- Suppressed/Compromised: A Multimedia Approach 9/15/01 - 9/30/04	1410 11604	\$588,049
Fidler,Deborah	Primary PI	Human Dev & Family Studies Developmental Psychobiology Endow Fund	Exploring Differences in Emotional Expression in Individuals with Down Syndrome, Williams Syndrome, & Nonspecific . . . 1/1/02 - 5/1/02	5185 12623	\$5,000
Fidler,Deborah	Primary PI	Human Dev & Family Studies National Down Syndrome Society	Visuo-spatial Processing Strengths & Weaknesses in Young Adults with Down Syndrome 1/1/02 - 12/31/02	5191 12433	\$12,000
Mcbride,Ruth	Primary PI	Human Dev & Family Studies US Department of Education	Child Care Access Means Parents in School Program 10/1/01 - 9/30/05	4226 11465	\$67,124
Mcbride,Ruth	Primary PI	Human Dev & Family Studies CORRA-Colo Ofc of Res & Ref Agencies Inc	Links for Literacy 12/17/01 - 12/31/02	5193 10150	\$2,000
Folkestad,James E De Miranda,Michael Ant	Primary PI Co-PI	Mfg Tech & Constr Mgmt DOE-OCRE-Conservation & Renewable Energy	Integration of RSP Tooling with Rapid Prototyping for Die Casting Applications 11/15/00 - 11/14/03	3806 1264	\$63,108
Koziol,Christopher J	Primary PI	Mfg Tech & Constr Mgmt DOI-NPS-National Park Service	Lime Concrete & Plaster Preservation 9/1/01 - 9/30/02	1777 12291	\$51,000
Sheafor,Bradford W De Miranda,Michael Ant	Primary PI Co-PI	Mfg Tech & Constr Mgmt Universidad de Atacama	Technology & Education Symposium 1 8/4/01 - 8/3/06	5704	\$2,670

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Applied Human Sciences - Awards

Investigators/Collaborators	Department/Sponsor	Title	Start Date End Date	5-3 Proj # PASS #	Award Amount
Sheafor,Bradford W De Miranda,Michael Ant	Primary PI Co-PI Mfg Tech & Constr Mgmt Universidad de Atacama	Technology & Education Symposium 1	8/4/01 - 8/3/06	5704	\$5,824
Sheafor,Bradford W De Miranda,Michael Ant	Primary PI Co-PI Mfg Tech & Constr Mgmt Universidad de Atacama	Technology & Education Symposium 1	8/4/01 - 8/3/06	5704	\$7,329
Wolff,Birgit H	Primary PI Mfg Tech & Constr Mgmt City of Fort Collins	OBDII Training Material	7/5/01 - 3/31/02	5113 11926	\$10,299
Wolff,Birgit H	Primary PI Mfg Tech & Constr Mgmt Maryland Department of the Environment	State of Maryland - Develop Training CD	7/1/01 - 5/31/02	5131 11631	\$29,000
Davies,Patricia	Primary PI Occupational Therapy Wallace Research Foundation	Brain Mechanisms Underlying Sensory Modulation Dysfunction	1/1/02 - 12/31/02	5209 12660	\$50,000
Davies,Patricia	Primary PI Occupational Therapy HHS-NIH-Cntr Med Rehabilitation Research	Cognitive Event-Related Potentials & Brain Maturation	8/10/98 - 5/31/02	7855 2484	\$83,596
Davies,Patricia	Primary PI Occupational Therapy HHS-NIH-Cntr Med Rehabilitation Research	Cognitive Event-Related Potentials & Brain Maturation	8/10/98 - 5/31/03	7855 2484	\$83,527
Hanzlik,Jodie R	Primary PI Occupational Therapy CCHE-Commission on Higher Education	Occupational Therapy Program: Quality of the Educational Experience	7/1/01 - 6/30/06	0185 10509	\$367,451
Hanzlik,Jodie R	Primary PI Occupational Therapy CCHE-Commission on Higher Education	Occupational Therapy Program: Quality of the Educational Experience	7/1/02 - 6/30/06	0192 10509	\$320,504
Sample,Pat L	Primary PI Occupational Therapy Colorado Dept Public Health & Environ	Traumatic Brain Injury Linkage System Feasibility Study Dissemination	9/1/01 - 8/31/02	0529 11997	\$71,000
Sample,Pat L	Primary PI Occupational Therapy US Department of Education	The Heads Up Project: A Model Program for Children with Acquired Brain Injury	9/1/01 - 8/31/05	4225 10660	\$157,496
Sample,Pat L	Primary PI Occupational Therapy US Department of Education	The Heads Up Project: A Model Program for Children with Acquired Brain Injury	9/1/01 - 8/31/05	4225 10660	\$156,652
Sample,Pat L	Primary PI Occupational Therapy HHS-CDC-Centers for Disease Control	Community Readiness & Rehabilitation Services for Individuals with Traumatic Brain Injury in Rural Co & Wy	9/1/95 - 7/31/06	7874 10161	\$72,500
Schelly,Catherine L	Primary PI Occupational Therapy US Department of Education	Recreation Works	10/1/01 - 9/30/04	4227 11838	\$140,000
Schelly,Catherine L	Primary PI Occupational Therapy US Department of Education	Recreation Works	10/1/01 - 9/30/04	4227 11838	\$105,000

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Applied Human Sciences - Awards

Investigators/Collaborators	Department/Sponsor	Title	Start Date End Date	5-3 Proj # PASS #	Award Amount	
Cobb,R Brian	Primary PI	School Of Education DOI-NPS-National Park Service	An Evaluation of Heart of the Rockies Education Program	6/1/01 - 10/31/01	1858 12133	\$10,500
Cobb,R Brian	Primary PI	School Of Education US Department of Education	Synthesizing Secondary School Effects (Project S3E)	10/1/01 - 9/30/04	4200 11381	\$600,000
Cobb,R Brian	Primary PI	School Of Education Colorado Institute of Technology	Colorado Institute of Technology Evaluation	7/1/01 - 6/30/02	5119 11105	\$11,242
Cobb,R Brian	Primary PI	School Of Education Colorado Partnership/Educational Renewal	Colorado Just for the Kids Project	1/1/02 - 12/31/02	5357 13531	\$18,000
Feller,Richard W	Primary PI	School Of Education CO Comm College & Occup Ed Sys (CCCOES)	Career Development State-Wide Training	8/6/01 - 5/16/02	0537 11823	\$13,529
Ginsberg,Richard Geary,Edward E	Primary PI Co-PI	School Of Education NSF - National Science Foundation	Northern Colorado Community College/University Rural Teacher Preparation Initiative	7/1/01 - 6/30/04	3209 2338	\$300,083
Ginsberg,Richard	Primary PI	School Of Education US Department of Education	Equity Assistance Center Grant	7/1/02 - 6/30/05	4231 12685	\$593,472
Gloeckner,Gene	Primary PI	School Of Education CO Comm College & Occup Ed Sys (CCCOES)	Statewide Research Project	9/17/01 - 6/30/02	0540 12857	\$25,000
Gloeckner,Gene	Primary PI	School Of Education MPR Associates, Inc	Teacher Preparation, Career & Technical Education	7/16/01 - 7/15/02	4007 11407	\$15,000
Lehmann,Jean P Davies,Timothy G	Primary PI Co-PI	School Of Education US Department of Education	Exceeding Expectations: Model Demonstration Project	9/1/01 - 8/31/05	4228 10645	\$157,500
Lewis,Chance W	Primary PI	School Of Education Corporation for National & Community Srv	Service-Learning Mini Grant Service Integration Project-ED551-Multiculturalism	1/1/02 - 7/31/02	9623	\$300
Middleton,Valerie A Tochterman,Suzanne M	Primary PI Co-PI	School Of Education CCHE-Commission on Higher Education	Eisenhower Teacher Preparation, Professional Development, & Service-Learning Partnership	7/1/01 - 9/30/02	0110 11234	\$85,000
Villarreal,Ramon Hiatt,Dana Sims	Primary PI Co-PI	School Of Education DE-Civil Rights Training & Advisory Serv	Equity Assistance Center Grant	7/1/99 - 6/30/02	4215 991543	\$611,584
Yohon,Teresa I	Primary PI	School Of Education CO Comm College & Occup Ed Sys (CCCOES)	Key Colorado Educational Technology Issues	10/26/01 - 6/30/02	0535 11190	\$6,840
Yohon,Teresa I	Primary PI	School Of Education CO Comm College & Occup Ed Sys (CCCOES)	Performance Assessment Development for Colorado PT3 Grant	10/26/01 - 6/30/02	0536 11191	\$6,588

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Investigators/Collaborators	Department/Sponsor	Title	Start Date End Date	5-3 Proj # PASS #	Award Amount	
Yohon, Teresa I	Primary PI	School Of Education DE-Preparing Tomorrows Teachers	Colorado Technology in Teacher Education Consortium	6/1/00 - 5/31/03	4222 1385	\$392,701
Yohon, Teresa I	Primary PI	School Of Education DE-Preparing Tomorrows Teachers	Colorado Technology in Teacher Education Consortium	6/1/00 - 5/31/03	4222 1385	\$21,000
Yohon, Teresa I	Primary PI	School Of Education US Department of Education	Building an On-line Credentialing System for Career/Technical Teachers (Colorado Credentialing Learning System)	10/15/01 - 10/14/04	4229 11295	\$316,428
Baez, Victor A	Primary PI	Social Work John A. Hartford Foundation, Inc.	Geriatric Enrichment in Social Work Education	2/1/02 - 6/30/04	5405 12593	\$30,000
Granger, Ben P Pope, Ellie T Tungate, Susan	Primary PI Collaborator Collaborator	Social Work Colorado Department of Human Service	Colorado Collaborative Partnership 2002	7/1/01 - 6/30/02	0523 11524	\$219,991
Schatz, Mona Struhsaker	Primary PI	Social Work University of Colorado	Tobacco Use by Foster Care Youth & Professional Responses	7/1/01 - 12/31/02	0528 10823	\$69,940
Schatz, Mona Struhsaker	Primary PI	Social Work HHS-ACF-Child Welfare Services Training	Child Welfare Training: CSU Rocky Mountain BSW Traineeship Project	9/30/00 - 9/29/03	7906 11544	\$75,000
Seiz, Robert	Primary PI	Social Work ** HHS-CDC-Centers for Disease Control	High Plains Intermountain Center for Agricultural Health & Safety	9/30/01 - 9/29/03	7654 11247	\$56,738
Sheafor, Bradford W Foster, Ashley Granger, Georgia	Primary PI Collaborator Collaborator	Social Work Dr. Scholl Foundation	HABIC-Human Animal Bond in Colorado	1/1/02 - 12/31/02	5207 11495	\$10,000
Applied Human Sciences Total:						\$9,110,517

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Business - Awards

Investigators/Collaborators	Department/Sponsor	Title	Start Date End Date	5-3 Proj # PASS #	Award Amount
Hayne,Stephen C Smith,Charles A.P	Primary PI Co-PI	Computer Information Systems DOD-NAVY-ONR-Office of Naval Research	Shared Information & Virtual Surfaces 3/8/02 - 9/30/04	2334 12874	\$99,954
Smith,Charles A.P Clegg,Benjamin A Young,Peter	Primary PI Co-PI Co-PI	Computer Information Systems DOD-ARPA-Advanced Research Proj. Agency	Multi-Modal Support for Augmented Cognition 3/1/02 - 9/30/06	2315 12206	\$300,000
Francis,G James	Primary PI	Inst For Transportation Mgt Colorado Department of Transportation	2002 Adult & Juvenile Seatbelt Usage Studies 6/4/02 - 9/30/02	0023 13462	\$113,000
Francis,G James Hall,Ronald C	Primary PI Co-PI	Inst For Transportation Mgt DOT-Federal Highway Administration	Technology Transfer Program for American Indian Tribal Governments 2/1/99 - 2/1/04	1037 771	\$59,400
Francis,G James Hall,Ronald C	Primary PI Co-PI	Inst For Transportation Mgt DOT-Federal Highway Administration	Technology Transfer Program for American Indian Tribal Governments 2/1/99 - 2/1/04	1037 771	\$29,906
Francis,G James Hall,Ronald C	Primary PI Co-PI	Inst For Transportation Mgt DOT-Federal Highway Administration	Technology Transfer Program for American Indian Tribal Governments 2/1/99 - 2/1/04	1037 771	\$280,000
Francis,G James	Primary PI	Inst For Transportation Mgt National Safety Council	Denver Metro Seatbelt Usage Study - YR 2001 9/30/01 - 2/2/02	1058 12309	\$44,972
Francis,G James Hall,Ronald C	Primary PI Co-PI	Inst For Transportation Mgt DOT-Federal Highway Administration	Program Income for 1037- Workshop Fees 2/1/99 - 2/1/04	9903 771	\$2,515
Kelly,Kathleen J	Primary PI	Marketing HHS-PHS-Drug Abuse Research Programs	The Tri-Ethnic Center for Prevention Research 7/15/00 - 11/30/04	4612 980693	\$225,121
				Business Total:	\$1,154,868

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Engineering - Awards

Investigators/Collaborators	Department/Sponsor	Title	Start Date End Date	5-3 Proj # PASS #	Award Amount
Berg,Wesley K Kummerow,Christian D	Primary PI Co-PI NASA - Natl Aeronautics & Space Admin.	Atmospheric Science Retrievals	1/1/01 - 5/31/03	1906 11129	\$35,000
Berg,Wesley K Kummerow,Christian D	Primary PI Co-PI NASA - Natl Aeronautics & Space Admin.	Atmospheric Science Retrievals	1/1/01 - 5/31/03	1906 11129	\$35,000
Collett,Jeffrey L. Jr	Primary PI NSF-GEO-Geosciences	Atmospheric Science Chemical Heterogeneity among Fog Drop Populations & its Influence on Aerosol Processing by Fogs	1/15/00 - 12/31/03	3115 992239	\$127,140
Collett,Jeffrey L. Jr	Primary PI California, State Air Resources Board	Atmospheric Science Investment of San Joaquin Valley Fog Chemistry & Physics during the California Regional Particulate Air Quality Study	8/17/00 - 9/30/03	5005 2178	\$56,902
Cotton,William R Walko,Robert L	Primary PI Co-PI UCAR-NCAR-Nat Ctr for Atmospheric Res	Atmospheric Science Development & Testing of a Microphysical Model for Prediction of Aircraft Icing	2/2/00 - 7/31/02	1053 823	\$25,485
Cotton,William R	Primary PI NASA - Natl Aeronautics & Space Admin.	Atmospheric Science Cumulominbus/Cirrus Interactions in the Subtropics	1/1/02 - 12/31/03	1957 11670	\$110,000
Cotton,William R	Primary PI NSF-GEO-Geosciences	Atmospheric Science Numerical Simulation & Analysis of Mesoscale Convective Systems & Severe Storms	7/1/99 - 12/31/02	3588 990628	\$220,001
Cotton,William R	Primary PI American Meteorological Society	Atmospheric Science AMS Graduate Fellowship for 2001/2002 for Tracy Depue	8/15/01 - 8/14/02	5122 981004	\$15,000
Cotton,William R	Primary PI American Meteorological Society	Atmospheric Science AMS Graduate Fellowship for 2001/2002 for Russell Chibe	8/15/01 - 8/14/02	5123 981004	\$15,000
Demott,Paul J Kreidenweis-Dandy,Soni	Primary PI Co-PI NASA - Natl Aeronautics & Space Admin.	Atmospheric Science Upper Tropospheric Ice Nuclei Measurements in CRYSTAL-FACE	1/1/02 - 12/31/03	1937 11871	\$123,511
Demott,Paul J Kreidenweis-Dandy,Soni	Primary PI Co-PI NASA - Natl Aeronautics & Space Admin.	Atmospheric Science Upper Tropospheric Ice Nuclei Measurements in CRYSTAL-FACE	1/1/02 - 12/31/03	1937 11871	\$18,463
Demott,Paul J Kreidenweis-Dandy,Soni Rogers,David C	Primary PI Co-PI Co-PI NSF-GEO-Geosciences	Atmospheric Science Studies of Homogenous & Heterogeneous Ice Formation in Upper Tropospheric Conditions	3/1/00 - 2/28/03	3054 618	\$221,385
Denning,A Scott Engelen,Richard J Randall,David A Stephens,Graeme L	Primary PI Co-PI Co-PI Co-PI NASA - Natl Aeronautics & Space Admin.	Atmospheric Science Global & Regional Carbon Flux Estimation Using Atmospheric CO2 Measurements from Spaceborne & Airborne Platforms	1/1/02 - 12/31/04	1948 10759	\$417,665
Denning,A Scott	Primary PI NASA-Goddard	Atmospheric Science Spatial Integration of Regional Carbon Balance in Amazonia	7/1/98 - 12/31/02	1987 1664	\$120,758

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Engineering - Awards

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Denning,A Scott	Primary PI	Atmospheric Science NASA-Goddard	Spatial Integration of Regional Carbon Balance in Amazonia	7/1/98 - 12/31/01	1987 1664	\$39,208
Denning,A Scott	Primary PI	Atmospheric Science Calif. Inst. of Tech/Jet Propulsion Lab	Mapping Global Aerodynamic Roughness Length of Land Surface at 1 km Scale	6/1/02 - 5/31/03	2727 13581	\$40,000
Denning,A Scott	Primary PI	Atmospheric Science Tulane University	Regional Estimation of Terrestrial CO2 Exchange from NIGEC Flux Data, Satellite Imagery, & Atmospheric Composition	7/1/00 - 6/30/02	3920 372	\$105,000
Denning,A Scott	Primary PI	Atmospheric Science Pennsylvania State University	Regional Forest - ABL Coupling: Influence on CO2 & Climate	9/15/00 - 9/14/02	3931 2541	\$39,000
Gray,William M	Primary PI	Atmospheric Science NSF-GEO-Geosciences	Empirical Climate Prediction	12/15/00 - 11/30/03	3185 2212	\$150,001
Johnson,Richard H	Primary PI	Atmospheric Science NASA - Natl Aeronautics & Space Admin.	Tropical Rainfall Measuring Mission Sounding Studies	6/15/00 - 6/14/03	1993 580	\$54,500
Johnson,Richard H	Primary PI	Atmospheric Science NASA - Natl Aeronautics & Space Admin.	Tropical Rainfall Measuring Mission Sounding Studies	6/15/00 - 6/14/03	1993 580	\$54,500
Johnson,Richard H	Primary PI	Atmospheric Science NSF-GEO-Geosciences	Midlatitude Mesoscale Convective Systems	4/15/00 - 3/31/03	3065 638	\$177,301
Johnson,Richard H	Primary PI	Atmospheric Science American Meteorological Society	AMS Graduate Fellowship for 2001/2002 for Russ Schumacker	8/15/01 - 8/14/02	5091 981004	\$15,000
Kreidenweis-Dandy,Soni Demott,Paul J	Primary PI Co-PI	Atmospheric Science NSF - National Science Foundation	Single-particle Mass Spectroscopy of Ice Nucleating Particles	12/1/01 - 11/30/03	3225 11435	\$104,847
Kummerow,Christian D	Primary PI	Atmospheric Science NASA - Natl Aeronautics & Space Admin.	Fellowships for Graduate Students as Part of the Center for Earth Atmosphere Studies (CEAS)	7/1/02 - 6/30/05	1912 12982	\$50,000
Kummerow,Christian D	Primary PI	Atmospheric Science NASA - Natl Aeronautics & Space Admin.	Rainfall & Convective Rain System Structure Deduced from AMSR Observations	6/15/02 - 6/14/05	1928 13320	\$190,000
Kummerow,Christian D Austin,Richard T	Primary PI Co-PI	Atmospheric Science NASA - Natl Aeronautics & Space Admin.	The Extension of the TRMM Microwave Rainfall & Vertical Structure Algorithm to Other Radiometers	8/15/01 - 8/14/04	1942 2702	\$150,000
Kummerow,Christian D Austin,Richard T	Primary PI Co-PI	Atmospheric Science NASA - Natl Aeronautics & Space Admin.	The Extension of the TRMM Microwave Rainfall & Vertical Structure Algorithm to Other Radiometers	8/15/01 - 8/14/04	1942 2702	\$40,000

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Engineering - Awards

Investigators/Collaborators	Department/Sponsor	Title	Start Date End Date	5-3 Proj # PASS #	Award Amount
Kummerow,Christian D Austin,Richard T	Primary PI Co-PI Atmospheric Science NASA - Natl Aeronautics & Space Admin.	The Extension of the TRMM Microwave Rainfall & Vertical Structure Algorithm to Other Radiometers	8/15/01 - 8/14/04	1942 2702	\$120,000
Kummerow,Christian D Austin,Richard T	Primary PI Co-PI Atmospheric Science NASA - Natl Aeronautics & Space Admin.	The Extension of the TRMM Microwave Rainfall & Vertical Structure Algorithm to Other Radiometers	8/15/01 - 8/14/04	1942 2702	\$200,000
Kummerow,Christian D Austin,Richard T	Primary PI Co-PI Atmospheric Science NASA - Natl Aeronautics & Space Admin.	The Extension of the TRMM Microwave Rainfall & Vertical Structure Algorithm to Other Radiometers	8/15/01 - 8/14/04	1942 2702	\$43,617
Kummerow,Christian D	Primary PI Atmospheric Science NASA - Natl Aeronautics & Space Admin.	Risk Mitigation Studies for Evolving Data & Information Systems Related to Rainfall Missions	3/15/02 - 3/14/05	1963 12641	\$181,834
Montgomery,Michael T	Primary PI Atmospheric Science NASA - Natl Aeronautics & Space Admin.	Energy & Water Cycles within Hurricanes Determined from High-Resolution Simulations	8/15/01 - 8/14/04	1945 11600	\$44,999
Montgomery,Michael T	Primary PI Atmospheric Science DOD-NAVY-ONR-Office of Naval Research	Fundamental Studies in Tropical Cyclone Structure & Intensity Change	4/1/02 - 3/31/05	2344 12131	\$92,740
Montgomery,Michael T	Primary PI Atmospheric Science NSF - National Science Foundation	Tropical Cyclogenesis via Non-Axisymmetric Upscale Energy Cascade & Its Disruption by Vertical Shear	5/15/01 - 4/30/07	3249 10418	\$149,923
Montgomery,Michael T Nolan,David S	Primary PI Co-PI Atmospheric Science NSF - National Science Foundation	Fully Three-dimensional Stability Analyses & Evolution of Hurricanes & Tornadoes with Secondary Circulations	4/1/02 - 3/31/03	3259 13039	\$164,711
Montgomery,Michael T	Primary PI Atmospheric Science American Meteorological Society	AMS Graduate Fellowship for 2001/2002 for Andrea Saunders	8/16/01 - 8/15/02	5000 981004	\$15,000
Pielke,Roger A	Primary PI Atmospheric Science NASA-Goddard	The Response of the North American Monsoon to Boundary & Regional Forcing Mechanisms as Simulated by ClimRAMS	9/1/00 - 8/31/03	1905 1653	\$22,000
Pielke,Roger A Liston,Glen E	Primary PI Co-PI Atmospheric Science NASA - Natl Aeronautics & Space Admin.	Ensemble Simulations of Regional Climate Incorporating Explicit Vegetation Dynamics & Terrestrial ...	11/1/01 - 10/31/04	1924 12217	\$114,247
Pielke,Roger A Liston,Glen E	Primary PI Co-PI Atmospheric Science NASA - Natl Aeronautics & Space Admin.	Multiscale Convergence of Cold Land Process Representation in Land Surface Models, Microwave Remote Sensing, & ...	2/15/02 - 2/14/05	1926 10556	\$89,886

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Engineering - Awards

Investigators/Collaborators	Department/Sponsor	Title	Start Date End Date	5-3 Proj # PASS #	Award Amount	
Pielke,Roger A	Primary PI	Atmospheric Science DOI-USGS-Research and Data Acquisition	Use of Mesoscale Climate Models to Assess Air Quality	7/1/99 - 6/30/02	2881 992430	\$40,420
Pielke,Roger A Dalu,Giovanni A	Primary PI Co-PI	Atmospheric Science NSF-GEO-Geosciences	Tropospheric Impact of Waves & Flows Generated By Landscape Heterogeneity: A Theoretical Investigation	7/1/00 - 6/30/03	3122 992528	\$141,431
Randall,David A Eitzen,Zachary A	Primary PI Collaborator	Atmospheric Science NASA - Natl Aeronautics & Space Admin.	Comparison of Cloud Resolving Model Simulations to Remote Sensing Data	12/1/01 - 11/30/03	1931 12541	\$84,225
Randall,David A Fowler,Laura Dorothy	Primary PI Co-PI	Atmospheric Science NASA - Natl Aeronautics & Space Admin.	Variations of Convective Available Potential Energy on Decadal Time Scales	2/15/02 - 2/14/05	1959 12573	\$140,000
Randall,David A Fowler,Laura Dorothy	Primary PI Co-PI	Atmospheric Science NASA-Goddard	Use of Tropical Rain Measuring Mission Data to Test an Improved Parameterization of Stratiform Precipitation	7/1/00 - 11/30/02	1964 617	\$71,000
Randall,David A Fowler,Laura Dorothy	Primary PI Co-PI	Atmospheric Science NASA-Goddard	Use of Tropical Rain Measuring Mission Data to Test an Improved Parameterization of Stratiform Precipitation	7/1/00 - 11/30/02	1964 617	\$71,000
Randall,David A	Primary PI	Atmospheric Science NASA-Langley Research Center	Interdisciplinary Science Investigation of Clouds & the Earth's Radiant Energy System	11/1/98 - 12/31/01	1968 990221	\$53,864
Randall,David A	Primary PI	Atmospheric Science NASA-Langley Research Center	Interdisciplinary Science Investigation of Clouds & the Earth's Radiant Energy System	11/1/98 - 10/31/02	1968 990221	\$107,719
Randall,David A	Primary PI	Atmospheric Science NASA-Langley Research Center	Interdisciplinary Science Investigation of Clouds & the Earth's Radiant Energy System	11/1/98 - 6/30/02	1968 990221	\$161,594
Randall,David A Denning,A Scott	Primary PI Co-PI	Atmospheric Science University of California at Berkeley	Incorporating New EOS Data Products into Models to Improve Estimates of Biogeochemical Processes	5/1/00 - 4/30/02	2704 484	\$66,000
Randall,David A Denning,A Scott	Primary PI Co-PI	Atmospheric Science University of California at Berkeley	Incorporating New EOS Data Products into Models to Improve Estimates of Biogeochemical Processes	5/1/00 - 4/30/02	2704 484	\$35,152
Randall,David A	Primary PI	Atmospheric Science NSF-GEO-Geosciences	Convective Cloud Systems in Climate Models	10/1/98 - 9/30/03	3554 980396	\$234,147
Randall,David A	Primary PI	Atmospheric Science NSF-GEO-Geosciences	Convective Cloud Systems in Climate Models	10/1/98 - 9/30/03	3554 980396	\$219,176

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Engineering - Awards

Investigators/Collaborators	Department/Sponsor	Title	Start Date End Date	5-3 Proj # PASS #	Award Amount	
Randall,David A Ringler,Todd D Schubert,Wayne H	Primary PI Collaborator Collaborator	Atmospheric Science DOE - US Department of Energy	A Geodesic Climate Model with Quasi- Lagrangian Vertical Coordinates	8/1/01 - 7/31/06	3816 11227	\$664,146
Randall,David A Ringler,Todd D Schubert,Wayne H	Primary PI Collaborator Collaborator	Atmospheric Science DOE - US Department of Energy	A Geodesic Climate Model with Quasi- Lagrangian Vertical Coordinates	8/1/01 - 7/31/06	3816 11227	\$802,250
Randall,David A	Primary PI	Atmospheric Science DOE - US Department of Energy	Use of ARM Data to address the Climate Change Problem	12/15/01 - 12/14/04	3830 11624	\$249,999
Rutledge,Steven A	Primary PI	Atmospheric Science NASA-Goddard	Lightning & Radar Observations from Ground- Based & Spaceborne Platforms: Applications for Tropical Rainfall ...	9/1/99 - 8/31/02	1900 991396	\$22,000
Rutledge,Steven A	Primary PI	Atmospheric Science NASA - Natl Aeronautics & Space Admin.	Analysis of Data from Tropical Rainfall Measuring Mission to validate Tropical Rainfall Measuring Mission ...	7/1/00 - 11/30/02	1972 620	\$80,000
Rutledge,Steven A	Primary PI	Atmospheric Science NASA - Natl Aeronautics & Space Admin.	Analysis of Data from Tropical Rainfall Measuring Mission to validate Tropical Rainfall Measuring Mission ...	7/1/00 - 11/30/02	1972 620	\$80,000
Rutledge,Steven A Carey,Lawrence D Petersen,Walter A	Primary PI Co-PI Co-PI	Atmospheric Science NSF-GEO-Geosciences	Dynamical, Microphysical & Electrical Studies of Convection in STEPS	4/1/00 - 3/31/03	3046 992624	\$142,479
Rutledge,Steven A Venkatachalam,Chandras Bringi,Viswanathan N	Primary PI Co-PI Collaborator	Atmospheric Science NSF - National Science Foundation	ITR/AP Sensor Fusion & Networking of Radars for Multiple Doppler & In-situ Observations	10/1/01 - 9/30/06	3124 11269	\$231,094
Rutledge,Steven A Bringi,Viswanathan N Cox,Stephen K	Primary PI Co-PI Co-PI	Atmospheric Science NSF-GEO-Geosciences	The CSU-CHILL Radar Facility	5/1/95 - 10/31/02	3157	\$4,050
Rutledge,Steven A Cifelli,Robert C Petersen,Walter A	Primary PI Co-PI Co-PI	Atmospheric Science NSF - National Science Foundation	Shipboard Radar Observations of Precipitating Convection in EPIC 2001	3/1/01 - 2/28/04	3210 1223	\$163,890
Rutledge,Steven A Bringi,Viswanathan N Venkatachalam,Chandras	Primary PI Co-PI Co-PI	Atmospheric Science NSF - National Science Foundation	The Colorado State University - CHILL Radar Facility	9/1/01 - 8/31/06	3306 10664	\$597,259

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Engineering - Awards

Investigators/Collaborators	Department/Sponsor	Title	Start Date End Date	5-3 Proj # PASS #	Award Amount	
Rutledge,Steven A Bringi,Viswanathan N Venkatachalam,Chandras	Primary PI Co-PI Co-PI	Atmospheric Science NSF - National Science Foundation	The Colorado State University - CHILL Radar Facility	9/1/01 - 8/31/06	3306 10664	\$624,466
Rutledge,Steven A Bringi,Viswanathan N Venkatachalam,Chandras	Primary PI Co-PI Co-PI	Atmospheric Science NSF - National Science Foundation	The Colorado State University - CHILL Radar Facility	9/1/01 - 8/31/06	3306 10664	\$5,974
Rutledge,Steven A Stephens,Graeme L	Primary PI Co-PI	Atmospheric Science UMASS-University of Massachusetts	Development of an Advanced Multi-Frequency Radar for Atmospheric Research	9/1/01 - 8/31/02	3400 10973	\$35,881
Schubert,Wayne H Kossin,James P	Primary PI Co-PI	Atmospheric Science NASA - Natl Aeronautics & Space Admin.	Observational, Theoretical, & Modeling Research in Support of CAMEX	6/15/01 - 6/14/04	1913 10423	\$44,550
Schubert,Wayne H	Primary PI	Atmospheric Science NSF-GEO-Geosciences	Dynamics of Tropical Cyclones & the Hadley Circulation	12/1/00 - 11/30/03	3164 2288	\$143,823
Stephens,Graeme L	Primary PI	Atmospheric Science NASA-Goddard	CloudSat	12/17/99 - 4/30/02	1916	\$105,608
Stephens,Graeme L	Primary PI	Atmospheric Science NASA-Goddard	CloudSat	12/17/99 - 1/31/03	1916	\$136,032
Stephens,Graeme L	Primary PI	Atmospheric Science NASA-Goddard	CloudSat	12/17/99 - 4/30/02	1916	\$152,068
Stephens,Graeme L Randall,David A	Primary PI Co-PI	Atmospheric Science NASA-Goddard	CloudSat	12/17/99 - 4/30/02	1917	\$11,200
Stephens,Graeme L Randall,David A	Primary PI Co-PI	Atmospheric Science NASA-Goddard	CloudSat	12/17/99 - 4/30/02	1917	\$15,600
Stephens,Graeme L Randall,David A	Primary PI Co-PI	Atmospheric Science NASA-Goddard	CloudSat	12/17/99 - 1/31/03	1917	\$24,400
Stephens,Graeme L Vonderhaar,Thomas H	Primary PI Co-PI	Atmospheric Science NASA-Goddard	CloudSat	12/17/99 - 4/30/02	1918	\$19,500
Stephens,Graeme L Vonderhaar,Thomas H	Primary PI Co-PI	Atmospheric Science NASA-Goddard	CloudSat	12/17/99 - 4/30/02	1918	\$14,000
Stephens,Graeme L Vonderhaar,Thomas H	Primary PI Co-PI	Atmospheric Science NASA-Goddard	CloudSat	12/17/99 - 1/31/03	1918	\$30,500
Stephens,Graeme L	Primary PI	Atmospheric Science NASA-Goddard	CloudSat	12/17/99 - 1/31/03	1919	\$142,021

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Investigators/Collaborators		Department/Sponsor	Title	Start Date End Date	5-3 Proj # PASS #	Award Amount
Stephens,Graeme L	Primary PI	Atmospheric Science NASA-Goddard	CloudSat	12/17/99 - 4/30/02	1919	\$95,979
Stephens,Graeme L	Primary PI	Atmospheric Science NASA-Goddard	CloudSat	12/17/99 - 4/30/02	1919	\$69,908
Stephens,Graeme L	Primary PI	Atmospheric Science NASA - Natl Aeronautics & Space Admin.	Validation & Enhancement of AMSR-E Cloud & Precipitation Products	9/1/01 - 8/31/04	1939 2445	\$61,402
Stephens,Graeme L	Primary PI	Atmospheric Science NASA - Natl Aeronautics & Space Admin.	Validation & Enhancement of AMSR-E Cloud & Precipitation Products	9/1/01 - 8/31/04	1939 2445	\$56,819
Stephens,Graeme L	Primary PI	Atmospheric Science NASA - Natl Aeronautics & Space Admin.	Validation & Enhancement of AMSR-E Cloud & Precipitation Products	9/1/01 - 8/31/04	1939 2445	\$56,819
Stephens,Graeme L	Primary PI	Atmospheric Science NASA - Natl Aeronautics & Space Admin.	Toward Understanding Lifecycle of Tropical Cirrus	1/1/02 - 12/31/03	1951 11878	\$110,000
Stephens,Graeme L	Primary PI	Atmospheric Science NASA - Natl Aeronautics & Space Admin.	Algorithm & Instrument Support Activities for PICASSO-CENA	5/17/99 - 5/16/02	1997 990385	\$53,000
Stephens,Graeme L	Primary PI	Atmospheric Science NASA - Natl Aeronautics & Space Admin.	Algorithm & Instrument Support Activities for CALIPSO	5/17/99 - 5/16/03	1997 990385	\$154,175
Stephens,Graeme L	Primary PI	Atmospheric Science NASA - Natl Aeronautics & Space Admin.	Algorithm and Instrument Support Activities for PICASSO-CENA	5/17/99 - 5/16/02	1997 990385	\$50,000
Stephens,Graeme L	Primary PI	Atmospheric Science Calif. Inst. of Tech/Jet Propulsion Lab	Cloud Studies with an Airborne Cloud Radar	11/1/01 - 10/31/02	2712 12420	\$135,000
Stephens,Graeme L Gabriel,Philip Mitri	Primary PI Co-PI	Atmospheric Science DOE - US Department of Energy	A Modeling & Remote Sensing Study of the Radiative Heating of Clouds in Support of ARM	12/1/93 - 1/31/03	3807	\$150,000
Stephens,Graeme L	Primary PI	Atmospheric Science Sandia Corporation/Sandia National Lab.	Scanning Spectral Polarimeter	7/20/94 - 5/31/03	3957	\$36,511
Thompson,David	Primary PI	Atmospheric Science NSF - National Science Foundation	CAREER: Analysis of the Southern Hemisphere Annular Mode and Its Role in Climate Changes	3/1/02 - 2/28/07	3056 11891	\$400,000
Batt,Brian C	Primary PI	Chemical & Biores Engineering CCHE-Commission on Higher Education	The Colorado Bioprocessing Center	7/1/01 - 6/30/02	0184	\$261,786

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Murphy, Vincent G Batt, Brian C Bhadra, Rajiv Henk, Linda L Karim, M Nazmul Linden, James C Rinker, Kristina D Wickramasinghe, Ranil	Primary PI Co-PI Co-PI Co-PI Co-PI Co-PI Co-PI Co-PI	Chemical & Biores Engineering NSF - National Science Foundation	REU - Chemical Engineering Using the Colorado Bioprocessing Center	4/15/02 - 3/31/03	3062 12345	\$70,643
Reardon, Kenneth F	Primary PI	Chemical & Biores Engineering Camp Dresser McKee	Fiber Optic Biosensors for Containment Monitoring	3/16/01 - 2/28/04	2642 11629	\$121,000
Reardon, Kenneth F	Primary PI	Chemical & Biores Engineering Camp Dresser McKee	Fiber Optic Biosensors for Containment Monitoring	3/16/01 - 2/28/04	2642 11629	\$111,000
Reardon, Kenneth F Duteau, Nancy M	Primary PI Co-PI	Chemical & Biores Engineering NSF - Engineering Grant	Redirecting Cellular Metabolism for the Biodegradation of Mixtures of Chlorinated Solvents REU	9/15/00 - 8/31/03	3276 118	\$12,000
Reardon, Kenneth F Duteau, Nancy M Shackelford, Charles D	Primary PI Co-PI Co-PI	Chemical & Biores Engineering EPA - Environmental Protection Agency	Lumped Chemical Approach for Fate & Transport Modeling of Organic Pollutant Mixtures	10/1/01 - 9/30/04	5806 2632	\$721,695
Reardon, Kenneth F Pilon-Smits, Elizabeth A.	Primary PI Co-PI	Chemical & Biores Engineering Kansas State University	Mechanisms of High Molecular Weight Polycyclic Aromatic Hydrocarbons Biodegradation in the Rhizosphere	10/1/99 - 9/30/02	5903 992204	\$100,000
Rinker, Kristina D	Primary PI	Chemical & Biores Engineering Whitaker Foundation	Evaluation of Shear Stress Induced Endothelial Cell Dysfunction	1/1/02 - 12/31/04	5202 10892	\$80,000
Rinker, Kristina D	Primary PI	Chemical & Biores Engineering HHS-NIH-National Institutes of Health	Pressure & Angiotensin Effects on Vascular Endothelium	6/1/02 - 5/31/06	7882 10894	\$295,068
Sale, Thomas C	Primary PI	Chemical & Biores Engineering DOD - US Department of Defense	Electrically Induced Redox Barriers for the In- Situ Treatment of Contaminated Groundwater OFF CAMPUS	2/21/01 - 2/20/04	2339 2663	\$227,000
Sale, Thomas C	Primary PI	Chemical & Biores Engineering DOD - US Department of Defense	Sequential Electrolytic Degradation of Energetic Compounds in Groundwater	7/1/01 - 6/30/02	2348 10963	\$109,626
Gallagher, Neal C Watson, A Ted	Primary PI Co-PI	Chemical & Biores Engineering Texas A & M	Determination of Transport Parameters in Coupled Heat & Moisture Transport in Soils Using Nuclear Magnetic Resonance	9/1/01 - 11/30/03	1352 12107	\$110,040

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Watson,A Ted	Primary PI	Chemical & Biores Engineering Texas A & M	Nuclear Magnetic Resonance Characterization of Heterogeneous Porous Media	10/6/01 - 12/31/02	3943 12241	\$293,550
Wickramasinghe,Ranil	Primary PI	Chemical & Biores Engineering NSF - Engineering Grant	CAREER: Virus Clearance by Flocculation during Bioreactor Harvesting	6/1/00 - 5/31/03	3021	\$11,950
Wickramasinghe,Ranil	Primary PI	Chemical & Biores Engineering NSF - Engineering Grant	CAREER: Virus Clearance by Flocculation during Bioreactor Harvesting	6/1/00 - 5/31/04	3093	\$75,000
Wickramasinghe,Ranil	Primary PI	Chemical & Biores Engineering NSF - Engineering Grant	CAREER: Virus Clearance by Flocculation during Bioreactor Harvesting	6/1/00 - 5/31/04	3093	\$75,000
Adams,Christopher R	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Applied Research in Support of Implementation of National Weather Service's Advanced Hydrologic Prediction	1/1/00 - 6/30/02	1249 1332	\$65,000
Browning,Gerald L	Primary PI	CIRA DOD-NAVY-ONR-Office of Naval Research	Investigation of Boundary Conditions and Numerical Methods for Littoral Flows	1/1/01 - 12/31/02	2310 10408	\$112,481
Collett,Jeffrey L. Jr	Primary PI	CIRA	Field Investigation of Smoke Plumes: Aerosol Characterization & Testing of IMPROVE	8/1/01 - 7/31/02	1869 12156	\$250,000
Kreidenweis-Dandy,Soni	Co-PI	DOI-NPS-National Park Service				
Connell,Bernadette H	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Development of a Virtual Laboratory Web Server for International Satellite Meteorology Training	7/1/01 - 6/30/06	1141 11801	\$35,500
Cotton,William R	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Examination of the Linkages between the Northwest Mexican Monsoon & Great Plains Precipitation	8/30/01 - 6/30/06	1138 943	\$85,000
Denning,A Scott	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Impact of Interactive Vegetation on Predictions of North American Monsoons	7/1/01 - 6/30/06	1136 11411	\$73,700
Denning,A Scott	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Monitoring & Modeling Isotopic Exchange between the Atmosphere & the Terrestrial Biosphere	7/1/01 - 6/30/06	1142 606	\$65,000
Deo,Shripad D	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Applied Research in Support of Implementation of National Weather Services	1/1/02 - 6/30/06	1155 12867	\$60,000
Eis,Kenneth E	Primary PI	CIRA	CloudSat Data Processing Center	4/1/02 -	5737	\$1,000,000
Stephens,Graeme L	Co-PI	Public Works and Govt Services Canada		6/30/04	13960	
Vonderhaar,Thomas H	Co-PI					

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Fox,Douglas G	Primary PI	CIRA DOI-NPS-National Park Service	Assistance for Visibility Data Analysis & Image Display Techniques	9/1/01 - 8/31/02	1756 11473	\$795,032
Fox,Douglas G	Primary PI	CIRA DOI-NPS-National Park Service	Fire Effects on Regional Air Quality Including Visibility	10/1/01 - 9/30/03	1875 12166	\$176,362
Fox,Douglas G	Primary PI	CIRA Western Governors Association	Western Regional Air Partnership Web Based Air Quality Data Integration, Analysis & Delivery System	8/1/00 - 7/31/02	5090 1713	\$141,849
Johnson,Richard H Schubert,Wayne H	Primary PI Co-PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Coupling between Monsoon Convection & Subtropical Highs in the PACS Region on Subseasonal to Interannual Time Scales	7/1/01 - 6/30/06	1148 10914	\$126,284
Johnson,Richard H Schubert,Wayne H	Primary PI Co-PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Coupling between Monsoon Convection & Subtropical Highs in the PACS Region on Subseasonal to Interannual Time Scales	7/1/01 - 6/30/06	1148 10914	\$57,700
Kidder,Stanley Q	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Technological Transfer & Validation of the CIRA Scheme for the Tropical Rainfall Potential (TRaP) Technique	3/1/02 - 6/30/06	1158 13093	\$20,000
Knaff,John A	Primary PI	CIRA Florida International University	Implementation of Operational Ensemble Intensity Forecasts	2/20/02 - 8/7/02	5199 12614	\$20,000
Kreidenweis-Dandy,Soni	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Role of Stratocumulus Clouds in Modifying Pollution Plumes Transported to North American Continent	7/1/01 - 6/30/06	1150 10545	\$78,200
Kreidenweis-Dandy,Soni Collett,Jeffrey L. Jr	Primary PI Co-PI	CIRA DOI-NPS-National Park Service	Analyses of Data from the BRAVO Study	9/1/00 - 8/31/02	1755 2337	\$320,000
Matsumoto,Clifford R	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	CIRA Activities & Participation in National Geophysical Data Center Data Repository, Processing & Management	10/1/01 - 6/30/06	1132 11106	\$44,806
Matsumoto,Clifford R	Primary PI	CIRA NASA - Natl Aeronautics & Space Admin.	Development of a Parallel Coupled Ocean-Ice Forecast Model	6/15/02 - 9/14/02	1929 13564	\$30,000
Pielke,Roger A Liston,Glen E Mckee,Thomas B	Primary PI Co-PI Co-PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	The Response of North American Monsoon to Boundary & Regional Forcing	7/1/01 - 6/30/06	1133 993	\$67,500
Pielke,Roger A Doesken,Nolan J	Primary PI Co-PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	A Comparison of Rooftop & Standard Ground- based Temperature Measurements	8/1/01 - 6/30/06	1145 12071	\$23,000

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Randall,David A Ringler,Todd D	Primary PI Co-PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Interactions of the Monsoons & Anticyclones in the Coupled Atmosphere-Ocean System	7/1/01 - 6/30/06	1131 10850	\$107,720
Randall,David A Ringler,Todd D	Primary PI Co-PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Interactions of the Monsoons & Anticyclones in the Coupled Atmosphere-Ocean System	7/1/01 - 6/30/06	1131 10850	\$43,100
Salas,Jose D	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Stochastic Modeling & Simulation of the Great Lakes Net Basin Supplies	3/1/02 - 6/30/06	1157 13088	\$23,760
Schubert,Wayne H	Primary PI	CIRA UCAR-NCAR-COMET Atmospheric Tech. Divis.	Development of a Forward Model for Hurricane Initialization	7/1/01 - 6/30/02	3436 10923	\$22,001
Stephens,Graeme L Denning,A Scott Engelen,Richard J	Primary PI Co-PI Co-PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Impact Assessment of Measurements of CO2 from Space, Including CrIS & HIRS/(A)MSU	7/1/01 - 6/30/06	1146 11681	\$95,541
Stephens,Graeme L Vonderhaar,Thomas H	Primary PI Co-PI	CIRA NASA-Goddard	CloudSat	12/17/99 - 1/31/03	1920	\$82,647
Stephens,Graeme L Vonderhaar,Thomas H	Primary PI Co-PI	CIRA NASA-Goddard	CloudSat	12/17/99 - 4/30/02	1920	\$98,453
Stephens,Graeme L Vonderhaar,Thomas H	Primary PI Co-PI	CIRA NASA-Goddard	CloudSat	12/17/99 - 4/30/02	1920	\$70,684
Vonderhaar,Thomas H	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Funds for the Cooperative Institute for Research	7/1/01 - 6/30/06	1130 10695	\$205,000
Vonderhaar,Thomas H	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Funds for the Cooperative Institute for Research	7/1/01 - 6/30/06	1130 10695	\$20,500
Vonderhaar,Thomas H	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Developing a Mesoscale Observing Network over the North Atlantic Continent & Adjacent Ocean Areas to...	7/1/01 - 6/30/06	1134 1084	\$35,339
Vonderhaar,Thomas H	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Developing a Mesoscale Observing Network over the North Atlantic Continent & Adjacent Ocean Areas to...	7/1/01 - 6/30/06	1134 1084	\$35,494
Vonderhaar,Thomas H	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Enhancement of Satellite Data Processing & Analysis Capabilities in Central America	7/1/01 - 6/30/06	1135 1445	\$15,000
Vonderhaar,Thomas H	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Enhancement of Satellite Data Processing & Analysis Capabilities in Central America	7/1/01 - 6/30/06	1135 1445	\$65,600
Vonderhaar,Thomas H Frisch,Alfred S	Primary PI Co-PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Air-Sea Interaction Remote Sensing Processes	7/1/01 - 6/30/06	1137	\$28,251

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Vonderhaar, Thomas H Frisch, Alfred S	Primary PI Co-PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Air-Sea Interaction Remote Sensing Processes 7/1/01 - 6/30/06	1137	\$28,250
Vonderhaar, Thomas H Eis, Kenneth E	Primary PI Co-PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Activities & Participation in DMSP Satellite Data Processing & Analysis 7/1/01 - 6/30/06	1139	\$41,161
Vonderhaar, Thomas H Eis, Kenneth E	Primary PI Co-PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Activities & Participation in DMSP Satellite Data Processing & Analysis 7/1/01 - 6/30/06	1139	\$41,122
Vonderhaar, Thomas H Purdom, James F.W	Primary PI Co-PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	U.S. Weather Research Program Joint Grants Program Severe Weather Research 7/1/01 - 6/30/06	1140	\$200,000
Vonderhaar, Thomas H	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Postdoctoral Program - National Environmental Satellite, Data, & Information Service 7/1/01 - 6/30/06	1143 <i>12151</i>	\$1,338,200
Vonderhaar, Thomas H	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Environmental Applications Research Project 7/1/01 - 6/30/06	1144 <i>12144</i>	\$2,331,730
Vonderhaar, Thomas H	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Environmental Applications Research Project 7/1/01 - 6/30/06	1144 <i>12144</i>	\$2,493,134
Vonderhaar, Thomas H	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Environmental Applications Research Project 7/1/01 - 6/30/06	1144 <i>12144</i>	\$15,212
Vonderhaar, Thomas H	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Advanced Environmental Satellite Research Support 8/1/01 - 6/30/06	1147 <i>12014</i>	\$223,034
Vonderhaar, Thomas H	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Enhanced Communications at CIRA for the Development of Real-time Evaluation of Advanced Microwave Sounder ... 7/1/01 - 6/30/06	1149 <i>11326</i>	\$50,000
Vonderhaar, Thomas H	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Enhanced Communications at CIRA for the Development of Real-time Evaluation of Advanced Microwave Sounder ... 7/1/01 - 6/30/06	1149 <i>11326</i>	\$50,000
Vonderhaar, Thomas H	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	International Satellite Cloud Climatology Project Sector Processing & Analysis 7/1/01 - 6/30/06	1151	\$192,000
Vonderhaar, Thomas H	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Satellite Data & Analysis Equipment & Support for Research Activities 7/1/01 - 6/30/06	1152	\$75,000
Vonderhaar, Thomas H	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	CIRA Activities & Participation in the GOES I- M Product Assurance Plan 3/4/02 - 6/30/06	1153	\$599,869
Vonderhaar, Thomas H	Primary PI	CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Support of the Virtual Institute for Satellite Integration Training 1/1/02 - 6/30/06	1159 <i>12769</i>	\$210,000

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Vonderhaar, Thomas H	Primary PI CIRA DOD - US Department of Defense	Department of Defense Center for Geosciences/ Atmospheric Research (CG/AR) Tech Transfer	9/28/01 - 9/27/02	7460 11803	\$294,657
Vonderhaar, Thomas H	Primary PI CIRA DOD - US Department of Defense	Department of Defense Center for Geosciences/ Atmospheric Research (CG/AR) Hydrometeorology	9/28/01 - 9/27/02	7465 11803	\$189,986
Vonderhaar, Thomas H	Primary PI CIRA DOD - US Department of Defense	Department of Defense Center for Geosciences/ Atmospheric Research (CG/AR) Cloud Dynamics	9/28/01 - 9/27/02	7470 11803	\$617,151
Vonderhaar, Thomas H	Primary PI CIRA DOD - US Department of Defense	Department of Defense Center for Geosciences/ Atmospheric Research (CG/AR) 4DDA	9/28/01 - 9/27/02	7475 11803	\$292,670
Vonderhaar, Thomas H	Primary PI CIRA DOD - US Department of Defense	Department of Defense Center for Geosciences/ Atmospheric Research (CG/AR) Chemistry	9/28/01 - 9/27/02	7480 11803	\$86,759
Vonderhaar, Thomas H	Primary PI CIRA DOD - US Department of Defense	Department of Defense Center for Geosciences/ Atmospheric Research (CG/AR) Battlespace	9/28/01 - 9/27/02	7485 11803	\$368,777
Wang, Ning Knaff, John A	Primary PI Co-PI CIRA DOC-NOAA-Natl Oceanic & Atmospheric Admn	Development of Efficient Satellite Data Compression Techniques: Transmission of GOES Imagery to the NOAA...	4/17/02 - 6/30/06	1156 12613	\$35,000
Abt, Steven R	Primary PI Civil Engineering USDA-USFS-Rocky Mtn. Rsrch Station - CO	Bedload Transport in Gravel-bed Rivers & Channel Change	11/2/00 - 10/30/05	8842 10158	\$62,341
Buchan, Roy M Ayers, Brian C	Primary PI Co-PI Civil Engineering HHS-CDC-Centers for Disease Control	ROPS Design & Testing for Tractors & Other Agricultural Vehicles	9/30/01 - 9/29/03	7635 11247	\$103,388
Bledsoe, Brian Anderson, Russell	Primary PI Co-PI Civil Engineering DOI-Bureau of Reclamation	Geomorphic Assessment of Fisheries Enhancement Features on the Big Sandy River, Wyoming	8/28/01 - 12/31/02	1722 11853	\$19,297
Bledsoe, Brian Watson, Chester C	Primary PI Co-PI Civil Engineering Three Forks Ranch Corporation	Monitoring of the Little Snake River & Tributaries	7/24/00 - 12/31/05	6123 2654	\$35,466
Carlson, Kenneth H	Primary PI Civil Engineering USDA-CSREES-Coop State Rsrch Edu & Ext	Evaluation of Enhanced Bank Stabilization Structures for Reducing Nutrient Contamination	9/1/01 - 8/31/04	1480 10619	\$275,000
Cermak, Jack E	Primary PI Civil Engineering Texas Tech University	Aerodynamic Coefficients for Low Buildings Wind Tunnel Study	10/1/01 - 9/30/02	1120 11593	\$16,786
Coulter, Gary R	Primary PI Civil Engineering NASA-ARC-Ames Research Center	An Extended Analysis of Science Outreach Programs in the Space Life Sciences ...	3/1/99 - 6/30/03	1991 991082	\$200,000

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Coulter,Gary R	Primary PI	Civil Engineering NASA-ARC-Ames Research Center	An Extended Analysis of Science Outreach Programs in the Space Life Sciences ... 3/1/99 - 6/30/02	1991 991082	\$180,350
Fontane,Darrell G	Primary PI	Civil Engineering KOWACO-Korean Water Resources Corp.	Development of Real Time Water Resources Management System 12/28/01 - 12/27/04	5722 12679	\$230,765
Fontane,Darrell G Ruff,James F	Primary PI Co-PI	Civil Engineering Union Corporation (Japan)	Hydraulics: Specialized Training 6/22/01 - 6/21/02	5763 992513	\$33,510
Fontane,Darrell G Grigg,Neil S Vlachos,Evan C	Primary PI Co-PI Co-PI	Civil Engineering Water & Energy Comm. Secretariat, Nepal	Integrated Water Resources Management 8/13/01 - 12/31/01	5764 11846	\$18,723
Garcia,Luis	Primary PI	Civil Engineering DOI-Bureau of Reclamation	Characterization & Quantification of Streamflow Features & Variability for Historic Gunnison River Flows 9/6/01 - 9/30/03	1768 10398	\$74,371
Garcia,Luis	Primary PI	Civil Engineering DOE - US Department of Energy	Framework for Decision Support System for Rocky Flats 4/15/01 - 12/31/06	3809 11274	\$45,000
Garcia,Luis	Primary PI	Civil Engineering DOI-Bureau of Reclamation	Update the Hydrologic Model HYDROSS 6/11/02 - 7/31/02	4132 13922	\$10,000
Gates,Timothy K Garcia,Luis Labadie,John W Cardon,Grant E Frasier,W. Marshall	Primary PI Co-PI Co-PI Collaborator Collaborator	Civil Engineering USDA-CSREES-Coop State Rsrch Edu & Ext	Hierarchical Strategies for Recovery of a Salinity-Threatened Irrigated Valley 9/1/01 - 8/31/04	1501 2155	\$177,061
Gates,Timothy K Labadie,John W	Primary PI Co-PI	Civil Engineering DOI-Bureau of Reclamation	Identification, Public Awareness, & Solution of Waterlogging & Salinity in the Arkansas River Valley 4/27/99 - 9/30/03	2800 990639	\$40,000
Gates,Timothy K	Primary PI	Civil Engineering Bent Soil Conservation Board	Salinity Studies 3/1/99 - 6/30/03	5556 991665	\$8,000
Grigg,Neil S	Primary PI	Civil Engineering American Water Works Assc. Research Fd.	Synthesis Documents on Infrastructure Integrity 11/1/01 - 8/1/04	5400 11726	\$104,965
Grigg,Neil S	Primary PI	Civil Engineering American Water Works Assc. Research Fd.	Synthesis Documents on Infrastructure Integrity 11/1/01 - 8/1/04	5400 11726	\$145,034
Grigg,Neil S	Primary PI	Civil Engineering DOS-AID-Agency for Inter. Development	IPA Agreement for Dr. John Austin 4/1/00 - 3/31/02	9002	\$13,985

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Grigg,Neil S	Primary PI	Civil Engineering DOS-AID-Agency for Inter. Development	4/1/00 - 3/31/03	9002	\$140,683
Gutkowski,Richard M	Primary PI	Civil Engineering North Dakota State University	7/1/01 - 6/30/02	9527	\$16,892
Gutkowski,Richard M	Primary PI	Civil Engineering North Dakota State University	7/1/01 - 6/30/02	9528	\$17,345
Gutkowski,Richard M Woods,Sandra L	Primary PI Co-PI	Civil Engineering North Dakota State University	7/1/01 - 6/30/02	9529	\$20,190
Gutkowski,Richard M Hartnagel,Bryan Radford,Donald W	Primary PI Co-PI Co-PI	Civil Engineering North Dakota State University	7/1/01 - 6/30/02	9530	\$25,218
Gutkowski,Richard M	Primary PI	Civil Engineering North Dakota State University	7/1/01 - 6/30/02	9531	\$17,850
Gutkowski,Richard M Balogh,Jeno	Primary PI Co-PI	Civil Engineering North Dakota State University	7/1/01 - 6/30/02	9532	\$36,312
Heyliger,Paul R	Primary PI	Civil Engineering CAMI-Advanced Materials Institute/Colo.	7/1/01 - 6/30/02	0106 <i>11556</i>	\$18,000
Julien,Pierre Y	Primary PI	Civil Engineering DOI-Bureau of Reclamation	8/31/01 - 3/1/02	1876	\$76,000
Julien,Pierre Y	Primary PI	Civil Engineering DOI-Bureau of Reclamation	11/21/96 - 9/30/02	1877	\$70,000
Julien,Pierre Y Bledsoe,Brian Shackelford,Charles D Watson,Chester C	Primary PI Co-PI Co-PI Co-PI	Civil Engineering EPA - Environmental Protection Agency	11/1/01 - 10/31/06	5830 <i>11601</i>	\$115,077
Labadie,John W	Primary PI	Civil Engineering DOI-Bureau of Reclamation	4/10/02 - 9/1/02	4124 <i>13560</i>	\$60,000
Labadie,John W	Primary PI	Civil Engineering CH2M Hill	12/1/99 - 11/30/01	6068	\$12,001

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Engineering - Awards

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Loftis,Jim C Brown,Karla A Garcia,Luis Broner,Israel Heil,Dean M Sharp,Rodney L Waskom,Reagan M	Primary PI Co-PI Co-PI Collaborator Collaborator Collaborator Collaborator	Civil Engineering ** USDA-CSREES-Coop State Rsrch Edu & Ext	Selenium in the Upper Colorado River Basin: Public Education & Remediation	9/15/01 - 9/30/04	1412 11565	\$399,500
Loftis,Jim C Davis,Jessica G	Primary PI Co-PI	Civil Engineering USDA-CSREES-Coop State Rsrch Edu & Ext	National Needs Graduate Fellowships in Natural Resources	7/1/02 - 6/30/07	1466 11883	\$207,000
Loftis,Jim C	Primary PI	Civil Engineering DOI-NPS-National Park Service	Establishing the Status & Trends of Impaired, Threatened, & Outstanding National/State Resource Waters in the ...	6/1/01 - 9/30/05	1843 11919	\$90,000
Loftis,Jim C	Primary PI	Civil Engineering DOI-NPS-National Park Service	Provide the Latest Information Technology Available to the Natural Resource Program Center (NRPC)	10/1/01 - 9/30/03	1864 12318	\$31,000
Loftis,Jim C	Primary PI	Civil Engineering DOI-NPS-National Park Service	Provide the Latest Information Technology Available to the Natural Resource Program Center (NRPC)	10/1/01 - 9/30/02	1864 12318	\$160,000
Loftis,Jim C	Primary PI	Civil Engineering DOI-NPS-National Park Service	Provide the Latest Information Technology Available to the Natural Resource Program Center (NRPC)	10/1/01 - 9/30/03	1864 12318	\$157,000
Loftis,Jim C	Primary PI	Civil Engineering DOI-NPS-National Park Service	Technology-enabled Air Resources & Geologic Resources Education	10/1/01 - 9/30/04	1865 12319	\$53,013
Loftis,Jim C	Primary PI	Civil Engineering DOI-NPS-National Park Service	Guidance & Technical Support to the Natural Resource Program Center of the National Park Service, incorporating ...	6/1/02 - 9/30/03	2933 13869	\$52,690
Loftis,Jim C Garcia,Luis	Primary PI Co-PI	Civil Engineering DOI-NPS-National Park Service	Inventorying & Monitoring Natural Resources Status & Trends in the National Park System	4/17/95 - 4/30/03	4159	\$130,000
Loftis,Jim C Garcia,Luis	Primary PI Co-PI	Civil Engineering DOI-NPS-National Park Service	Inventorying & Monitoring Natural Resources Status & Trends in the National Park System	4/17/95 - 9/30/03	4159	\$460,000
Loftis,Jim C	Primary PI	Civil Engineering ** Various "Non-Profit" Sponsors	Eutrophication of Reservoirs on the Colorado Front Range	3/1/01 - 2/28/02	5055 11069	\$4,000

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Loftis,Jim C	Primary PI	Civil Engineering ** Various "Non-Profit" Sponsors	Eutrophication of Reservoirs on the Colorado Front Range 3/1/01 - 10/31/02	5055 11069	\$12,000
Loftis,Jim C	Primary PI	Civil Engineering City of Portland	Williamette River Bacteria Assessment 11/21/01 - 6/30/02	5162	\$13,000
Nelson,John D	Primary PI	Civil Engineering NASA - Natl Aeronautics & Space Admin.	Mars Soil Mechanics Investigation 9/1/01 - 8/31/04	1947 10981	\$59,200
Oad,Ramchand	Primary PI	Civil Engineering State of New Mexico	Improving Performance of the Middle Rio Grande Irrigation System 5/23/01 - 1/14/03	5501 11316	\$92,000
Ramirez,Jorge A Hannah,Judith L	Primary PI Co-PI	Civil Engineering NSF-EHR-Education & Human Resources	Research Experiences for Undergraduates Program in Water Research at Colorado State University: SITE 4/1/01 - 3/31/04	3261 10251	\$94,552
Ramirez,Jorge A Vonderhaar,Thomas H	Primary PI Co-PI	Civil Engineering DOD - US Department of Defense	CG/AR Advanced Hydrological Modeling 1/1/02 - 9/27/02	7467 11803	\$35,512
Reardon,Kenneth F Shackelford,Charles D Woods,Sandra L Duteau,Nancy M	Primary PI Co-PI Co-PI Collaborator	Civil Engineering EPA - Environmental Protection Agency	Remediation of Mine Drainage in a Microbially Active Permeable Barrier Reactor 11/1/01 - 10/31/06	5831 11601	\$214,389
Salas,Jose D Cipra,Jan E Ramirez,Jorge A	Primary PI Co-PI Co-PI	Civil Engineering USDA-ARS-Agricultural Research Service	Quantifying Space-Time Variability in Agricultural Landscapes 9/8/99 - 7/14/04	2005 992527	\$67,500
Salas,Jose D	Primary PI	Civil Engineering DOI-Bureau of Reclamation	Stochastic Analysis Modeling & Simulation- 2001 9/15/00 - 8/31/02	2923 1040	\$20,000
Sanders,Thomas G Kimball,Dan	Primary PI Co-PI	Civil Engineering DOI-NPS-National Park Service	Quantification of Federal Reserved Water Rights for National Park Purposes 10/1/92 - 9/30/02	2860	\$321,195
Sanders,Thomas G	Primary PI	Civil Engineering City of Fort Collins	Melting Effectiveness & Corrosiveness of Mild Steel with Inhibitors 3/21/02 - 9/1/02	5356 13292	\$18,360
Gutkowski,Richard M	Primary PI	Civil Engineering North Dakota State University	Road Dust Suppression: Effect on Maintenance, Stability, Safety & the Environment 7/1/01 - 6/30/02	9533	\$12,363
Shackelford,Charles D	Primary PI	Civil Engineering NSF - National Science Foundation	Membrane Behavior of Clay Soil Barrier Materials 8/1/01 - 7/31/04	3317 10288	\$56,923
Shackelford,Charles D	Primary PI	Civil Engineering NSF - National Science Foundation	Membrane Behavior of Clay Soil Barrier Materials 8/1/01 - 7/31/04	3317 10288	\$172,758

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Shackelford, Charles D	Primary PI	Civil Engineering EPA - Environmental Protection Agency	Rocky Mountain Regional Hazardous Substance Research Center 11/1/01 - 10/31/06	5828 11601	\$27,159
Shackelford, Charles D	Primary PI	Civil Engineering EPA - Environmental Protection Agency	Rocky Mountain Regional Hazardous Substance Research Center 11/1/01 - 10/31/06	5829 11601	\$128,551
Thornton, Christopher I Abt, Steven R	Primary PI Co-PI	Civil Engineering DOI-NPS-National Park Service	Calibration of Reese Creek Flume Structure, Yellowstone National Park 3/1/01 - 3/31/02	1785	\$26,105
Thornton, Christopher I Abt, Steven R Watson, Chester C	Primary PI Co-PI Co-PI	Civil Engineering USDA-USFS-Rocky Mtn. Rsrch Station - CO	Hydraulic, Hydrologic, Geomorphic, Sediment & Investigations of the Rio Grande 6/11/02 - 12/31/02	8898 13843	\$180,000
Thornton, Christopher I Abt, Steven R	Primary PI Co-PI	Civil Engineering Ayres Associates	Contermeasures to Protect Bridge Piers from Scour 4/16/02 - 9/30/04	9500 10414	\$120,000
Thornton, Christopher I Abt, Steven R	Primary PI Co-PI	Civil Engineering DOT-Federal Highway Administration	Development of Guidelines & Specifications for Using Culvert Pipe Liners 1/22/02 - 10/21/02	9627 12210	\$49,447
Vogt, Greg	Primary PI	Civil Engineering NASA-ARC-Ames Research Center	An Extended Analysis of Science Outreach Programs in the Space Life Sciences ... 3/1/99 - 6/30/02	1991 991082	\$223,777
Vogt, Greg	Primary PI	Civil Engineering NASA-ARC-Ames Research Center	An Extended Analysis of Science Outreach Programs in the Space Life Sciences ... 3/1/99 - 6/30/02	1991 991082	\$30,612
Walker, Lloyd R	Primary PI	Civil Engineering USDA-Natl Integrated Food Safety	Coordinated Agricultural Water Quality Programming for EPA Region VIII 9/15/00 - 9/14/03	1443	\$650,000
Watson, Chester C	Primary PI	Civil Engineering DOD - US Department of Defense	Watershed Assessment for Illinois Streams 3/28/02 - 9/30/02	2427 12181	\$37,521
Watson, Chester C	Primary PI	Civil Engineering DOD - US Department of Defense	Watershed Assessment for Illinois Streams 3/28/02 - 9/30/02	2427 12181	\$37,522
Watson, Chester C Carlson, Kenneth H	Primary PI Co-PI	Civil Engineering DOD-ARMY	Demonstration Erosion Control Monitoring Year 2002 2/5/02 - 9/30/02	2508 12299	\$499,750
Watson, Chester C	Primary PI	Civil Engineering USDA-USFS-Rocky Mtn. Rsrch Station - CO	Mississippi River Dikes, Phase 3 3/11/02 - 9/30/02	8831 12840	\$55,010
Watson, Chester C	Primary PI	Civil Engineering USDA-USFS-Rocky Mtn. Rsrch Station - CO	Development of Design Criteria for Siting & Spacing of Grade Control Structures Phase I 5/2/02 - 4/2/03	8849 12730	\$28,588
Wilkins-Wells, John Rees Podmore, Terence H	Primary PI Co-PI	Civil Engineering ** Colorado State Water Conservation Board	Assessment of the Benefits & Costs of Pressurized Dual Water Systems in Colorado 7/20/01 - 8/1/03	0527 10515	\$136,131

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Wilkins-Wells,John Rees Podmore,Terence H	Primary PI Co-PI	Civil Engineering ** St. Vrain & Left Hand Water Cons. Dist.	Assessment of the Benefits & Costs of Pressurized Dual Water Systems	7/1/01 - 6/30/02	5147 10515	\$1,500
Wilkins-Wells,John Rees Podmore,Terence H	Primary PI Co-PI	Civil Engineering ** Soldier Canyon Filter Plant	Assessment of the Benefits & Costs of Pressurized Dual Water Systems	7/1/01 - 6/30/02	5152	\$5,000
Wilkins-Wells,John Rees	Primary PI	Civil Engineering Northern Colorado Water Conservancy Dist	Assessment of the Benefits & Costs of Pressurized Dual Water System in Colorado	7/1/02 - 8/1/03	7111 10515	\$5,000
Woods,Sandra L Mcclain,Bonnie J	Primary PI Co-PI	Civil Engineering NASA - Natl Aeronautics & Space Admin.	Intergovernmental Personnel Act - Bonnie McClain	9/1/01 - 8/31/02	1904	\$125,889
Woods,Sandra L Coulter,Gary R	Primary PI Co-PI	Civil Engineering NASA - Natl Aeronautics & Space Admin.	Intergovernmental Personnel Act - Gary Coulter	8/10/01 - 8/9/02	1922	\$61,091
Woods,Sandra L	Primary PI	Civil Engineering EPA - Environmental Protection Agency	Rocky Mountain Regional Hazardous Substance Research Center	3/28/02 - 3/27/03	5823 12776	\$75,000
Woods,Sandra L Shackelford,Charles D	Primary PI Co-PI	Civil Engineering EPA - Environmental Protection Agency	Rocky Mountain Regional Hazardous Substance Research Center	11/1/01 - 10/31/06	5833 11601	\$65,868
Woods,Sandra L Shackelford,Charles D	Primary PI Co-PI	Civil Engineering EPA - Environmental Protection Agency	Rocky Mountain Regional Hazardous Substance Research Center	11/1/01 - 10/31/06	5833 11601	\$63,652
Woods,Sandra L	Primary PI	Civil Engineering DOD-ARMY	Intergovernmental Personnel Act (IPA) for Pierre Y. Julien, Waterways Experiment Station Vicksburg, MS	10/1/01 - 9/30/02	7372 12208	\$34,493
Elhakim,Omnia Gessler,Johannes	Primary PI Co-PI	Dean Of Engineering NSF - National Science Foundation	Colorado Alliance for Minority Participation - Phase II	11/1/01 - 10/31/06	3032 10270	\$594,000
Gessler,Johannes Stein,Fredrick M	Primary PI Co-PI	Dean Of Engineering NSF-EHR-Education & Human Resources	Colorado Alliance for Minority Participation (CO-AMP) - Phase II	11/1/01 - 10/31/06	3037	\$56,000
Azimi-Sadjadi,Mahmood	Primary PI	Elec. & Computer Engineering DOD-NAVY-ONR-Office of Naval Research	A Biologically Inspired Adaptive Underwater Target Classification System - Phase II	1/1/01 - 9/30/02	2311 10553	\$99,829
Azimi-Sadjadi,Mahmood Scharf,Louis L	Primary PI Co-PI	Elec. & Computer Engineering DOD-NAVY-ONR-Office of Naval Research	Detection & Classification of Underwater Targets in Heavy Reverberation & Clutter Using Canonical Coordinate ...	10/1/01 - 9/30/03	2362 11825	\$103,995
Azimi-Sadjadi,Mahmood Scharf,Louis L	Primary PI Co-PI	Elec. & Computer Engineering DOD-NAVY-ONR-Office of Naval Research	Detection & Classification of Underwater Targets in Heavy Reverberation & Clutter Using Canonical Coordinate ...	10/1/01 - 9/30/03	2362 11825	\$26,000

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Azimi-Sadjadi,Mahmood Scharf,Louis L	Primary PI Co-PI	Elec. & Computer Engineering DOD-NAVY-ONR-Office of Naval Research	Detection & Classification of Underwater Targets in Heavy Reverberation & Clutter Using Canonical Coordinate ...	10/1/01 - 9/30/03	2362 11825	\$50,000
Azimi-Sadjadi,Mahmood	Primary PI	Elec. & Computer Engineering Hewlett Packard *	Relevance Feedback	9/1/01 - 9/30/02	6026 11320	\$62,676
Azimi-Sadjadi,Mahmood	Primary PI	Elec. & Computer Engineering DOD - US Department of Defense	Development of Target Classification Schemes for Laser Line Scan/Streak Tube Imaging Lidar Imagery Data	10/1/01 - 9/30/02	7354 11327	\$60,000
Bringi,Viswanathan N Hubbert,John	Primary PI Co-PI	Elec. & Computer Engineering NSF-GEO-Geosciences	Advanced Hydrometeor Identification of Severe Storms During STEPS (Severe Thunderstorms, Electrification & ...	5/1/00 - 4/30/03	3052 992491	\$103,056
Bringi,Viswanathan N Hubbert,John	Primary PI Co-PI	Elec. & Computer Engineering NSF - National Science Foundation	Field Studies of Raindrop Axis Ratio & Orientation Distributions Using an Improved 2D- video Disdrometer & ...	5/1/02 - 4/30/05	3063 12270	\$127,135
Burleigh,Joan M James,Susan P	Primary PI Co-PI	Elec. & Computer Engineering ** School of Mines	Development of Acoustic Filters for Management of Binaural Asynchronies in Children & Adults	1/1/02 - 6/30/02	0546 12568	\$57,700
Chong,Edwin K. P	Primary PI	Elec. & Computer Engineering Purdue University	Network Control via Online Sampling	6/28/01 - 6/27/03	2613 11110	\$73,850
Chong,Edwin K. P	Primary PI	Elec. & Computer Engineering NSF - National Science Foundation	Opportunistic Scheduling for Multimedia Wireless Systems	7/1/02 - 6/30/05	3117 12695	\$199,997
Chong,Edwin K. P	Primary PI	Elec. & Computer Engineering Purdue University	Design & Control of Next Generation Networks: A Measurement Analytical Approach	9/1/01 - 8/31/04	3432 12445	\$183,276
Lear,Kevin Wilmsen,Carl W	Primary PI Co-PI	Elec. & Computer Engineering GIT-Georgia Institute of Technology	Center for Bio Optoelectronic Sensor Systems	7/1/00 - 9/30/04	2617 2052	\$130,697
Menoni,Carmen S	Primary PI	Elec. & Computer Engineering University of Colorado	Design & Testing of Dispersion-Controlled Quarter- Wave Stacks at 1.55um	7/1/01 - 6/30/02	0111 12485	\$18,000
Menoni,Carmen S	Primary PI	Elec. & Computer Engineering Texas Tech University	Growth, Characterization, & Modeling of GaAsN: Fundamental Properties & Optoelectronic Application	6/1/00 - 5/31/03	3407 991235	\$46,659
Menoni,Carmen S	Primary PI	Elec. & Computer Engineering Veepro-Ion Tech, Inc.	Design & Testing of Dispersion-Controlled Quarter-Wave Stacks at 1.55um	7/1/01 - 6/30/02	6059 12485	\$12,000

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Nassar,Carl R	Primary PI	Elec. & Computer Engineering CASI-Colorado Advanced Software Inst.	Breakthroughs in Channel Coding (without Bandwidth Expansion) for Next Generation Wireless	7/1/01 - 8/31/02	0188 10737	\$38,000
Nassar,Carl R	Primary PI	Elec. & Computer Engineering Idris Communications	Future Generation Satellite & Air-to-air Links via Carrier Interferometry	6/27/02 - 7/30/02	2646 12928	\$20,000
Nassar,Carl R	Primary PI	Elec. & Computer Engineering Idris Communications	Airport Ground Vehicle Communication System	1/1/99 - 6/30/02	2725 981053	\$24,000
Nassar,Carl R	Primary PI	Elec. & Computer Engineering NSF - National Science Foundation	The Creation of a Wireless Exchange Using an Enabling Multiple Access Technology	10/1/01 - 9/30/03	3302 11023	\$143,554
Patel,Dinesh Menoni,Carmen S	Primary PI Co-PI	Elec. & Computer Engineering University of Colorado	Growth & Characterization of Nitrogen Containing III-V Alloys for Application in the Engineering . . .	7/1/01 - 6/30/02	0112 12486	\$24,000
Patel,Dinesh	Primary PI	Elec. & Computer Engineering Cielo Communications, Inc.	Growth & Characterization of Nitrogen Containing III-V Alloys for Applications in the Engineering . . .	7/1/01 - 6/30/02	6065 12486	\$6,000
Rocca,Jorge J G	Primary PI	Elec. & Computer Engineering University of Colorado	Colorado Photonics and Optoelectronics Program (CPOP)	7/1/01 - 6/30/02	0116 2370	\$24,000
Rocca,Jorge J G	Primary PI	Elec. & Computer Engineering NSF - National Science Foundation	Student & Young Scientist Participation in the 8th International Conference on X-Ray Lasers	5/15/02 - 10/31/02	3083 12483	\$6,000
Rocca,Jorge J G Menoni,Carmen S	Primary PI Co-PI	Elec. & Computer Engineering DOE - US Department of Energy	Development & Utilization of Bright Tabletop Sources of Coherent Soft X-Ray Radiation	9/15/00 - 7/14/03	3803	\$119,354
Rocca,Jorge J G Menoni,Carmen S	Primary PI Co-PI	Elec. & Computer Engineering DOE - US Department of Energy	Development & Utilization of Bright Tabletop Sources of Coherent Soft X-Ray Radiation	9/15/00 - 7/14/03	3803	\$23,600
Rocca,Jorge J G	Primary PI	Elec. & Computer Engineering DOE - US Department of Energy	Student & Young Scientist Participation in the 8th International Conference on X-Ray Lasers	5/20/02 - 5/19/03	3833 12502	\$5,000
Rocca,Jorge J G	Primary PI	Elec. & Computer Engineering DOE-Basic Energy Sci / Univ & Sci Educ	Diagnostics of Dense Plasmas with a Table-top Soft X-Ray Laser	11/15/97 - 11/14/02	3867	\$91,428
Rocca,Jorge J G	Primary PI	Elec. & Computer Engineering DOE-Basic Energy Sci / Univ & Sci Educ	Diagnostics of Dense Plasmas with a Table-top Soft X-Ray Laser	11/15/97 - 11/14/02	3867	\$190,816
Rocca,Jorge J G	Primary PI	Elec. & Computer Engineering Univ. California-Lawrence Livermore Lab	Dense Plasma Characterization Using Transient X-ray Laser Interferometry	10/31/01 - 9/30/02	3938 11509	\$28,940

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Rocca,Jorge J G	Primary PI	Elec. & Computer Engineering Hyperfine, Inc.	Colorado Photonics & Optoelectronics Program (CPOP) Industry Match 7/1/01 - 6/30/02	6107	\$6,000
Scharf,Louis L	Primary PI	Elec. & Computer Engineering CASI-Colorado Advanced Software Inst.	Subspace Methods for the Demixing of Hyperspectral Images 7/1/01 - 8/31/02	0189 10979	\$41,000
Scharf,Louis L	Primary PI	Elec. & Computer Engineering DOD-NAVY-ONR-Office of Naval Research	Reduced Rank Wiener Filters in Optimized Coordinates for Partially Adaptive Filtering in Passive & Active ... 8/6/01 - 9/30/02	2375 11217	\$45,861
Scharf,Louis L	Primary PI	Elec. & Computer Engineering DOD-NAVY-ONR-Office of Naval Research	Reduced Rank Wiener Filters in Optimized Coordinates for Partially Adaptive Filtering in Passive & Active ... 8/6/01 - 9/30/02	2375 11217	\$85,524
Scharf,Louis L	Primary PI	Elec. & Computer Engineering NSF - National Science Foundation	Collaborative Research: Signal Processing & Channel Modelling in Low-Dimensional Subspaces for Wireless ... 10/1/01 - 9/30/04	3296 10841	\$250,003
Scharf,Louis L	Primary PI	Elec. & Computer Engineering NSF - National Science Foundation	Collaborative Research: Signal Processing & Channel Modelling in Low-Dimensional Subspaces - REU... 10/1/01 - 9/30/04	3309 10841	\$6,900
Siegel,Howard Jay	Primary PI	Elec. & Computer Engineering DOD-NAVY-ONR-Office of Naval Research	11th Heterogeneous Computing Workshop 4/1/02 - 10/30/02	2305 13119	\$4,753
Venkatachalam,Chandras	Primary PI	Elec. & Computer Engineering NASA-Goddard	TRMM Precipitation Radar & Microphysics: Interpretation & Precipitation Estimation 6/1/00 - 5/31/03	1903 980675	\$60,500
Venkatachalam,Chandras	Primary PI	Elec. & Computer Engineering NASA-Goddard	TRMM Precipitation Radar & Microphysics: Interpretation & Precipitation Estimation 6/1/00 - 5/31/03	1903 980675	\$60,500
Venkatachalam,Chandras	Primary PI	Elec. & Computer Engineering NASA - Natl Aeronautics & Space Admin.	Konrad Gojara Fellowship (NASA Earth System Science Fellowship) 9/1/01 - 8/31/04	1923 12195	\$22,000
Venkatachalam,Chandras Rutledge,Steven A Bringi,Viswanathan N	Primary PI Co-PI Collaborator	Elec. & Computer Engineering NSF - National Science Foundation	ITR/AP Sensor Fusion & Networking of Radars for Multiple Doppler & In-situ Observations 10/1/01 - 9/30/06	3024 11269	\$1,799,998
Venkatachalam,Chandras	Primary PI	Elec. & Computer Engineering NSF - Engineering Grant	Electrical Engineering Focused around the CSU- CHILL National Radar Facility-Research for Undergraduates 5/15/99 - 4/30/03	3577 990439	\$40,000
Venkatachalam,Chandras Jayasumana,M A Anura	Primary PI Co-PI	Elec. & Computer Engineering DOD-ARPA-Advanced Research Proj. Agency	Virtual Colorado State University (CSU) University of Chicago-Illinois (CHILL) National Radar Facility 7/29/99 - 12/31/02	7254 991190	\$50,000

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Young,Peter	Primary PI	Elec. & Computer Engineering Seagate	Active Suppression of Resonant Modes in Flexible Structures	11/20/00 - 11/19/02	6085	\$25,000
Edwards,Harry W	Primary PI	Mechanical Engineering University of Tennessee/Battelle LLC	Energy Efficiency Improvement Assessment at the Denver Mint	12/1/01 - 12/31/02	3940 12562	\$16,863
Edwards,Harry W	Primary PI	Mechanical Engineering University City Science Center	Industrial Assessment Center	10/1/97 - 9/30/02	9338	\$141,900
Edwards,Harry W	Primary PI	Mechanical Engineering University City Science Center	Industrial Assessment Center	10/1/97 - 9/30/01	9338	\$25,155
Edwards,Harry W	Primary PI	Mechanical Engineering University City Science Center	Industrial Assessment Center	10/1/97 - 9/30/02	9338	\$36,600
Hittle,Douglas C	Primary PI	Mechanical Engineering DOE-Energy Related Inventions	Phase Change Materials in Floor Tiles for Thermal Energy Storage	10/1/00 - 3/31/03	3804 1657	\$75,443
James,Susan P	Primary PI	Mechanical Engineering University of Colorado	Biomedical Engineering Program Collaboration to Expand BioServe's Spaceflight Biomedical Testing Program	11/1/01 - 10/31/02	2726 10977	\$66,390
Kirkpatrick,Allan T Bestor,Ted Mitchell,Charles E Olsen,Daniel B Willson,Bryan D	Primary PI Co-PI Co-PI Co-PI Co-PI	Mechanical Engineering GRI-Gas Research Institute	CFD Modeling of Combustion in a Cooper GMV Engine	1/1/02 - 11/30/02	5535 12725	\$125,000
Kostrzewa,Michael F	Primary PI	Mechanical Engineering AMEC Earth & Environmental, Inc.	Consulting Assistance with Energy Conservation Audits at South Dakota National Guard Facilities	8/27/01 - 12/31/01	2611 12106	\$11,667
Olsen,Daniel B	Primary PI	Mechanical Engineering GRI-Gas Research Institute	Combustion Visualization in a Large Bore Natural Gas Engine	8/20/01 - 12/15/02	5144 11250	\$249,724
Olsen,Daniel B Bestor,Ted Willson,Bryan D	Primary PI Co-PI Co-PI	Mechanical Engineering GRI-Gas Research Institute	Emissions Control	12/1/01 - 5/31/02	5505 12559	\$32,972
Olsen,Daniel B Bestor,Ted Willson,Bryan D	Primary PI Co-PI Co-PI	Mechanical Engineering GRI-Gas Research Institute	Emissions Control	12/1/01 - 5/31/02	5505 12559	\$126,690
Olsen,Daniel B Bestor,Ted	Primary PI Co-PI	Mechanical Engineering GTI-Gas Technology Institute	Fuel & Ignition Control for Articulated Engine Bank Optimization	11/1/01 - 8/31/02	5521 10834	\$149,438

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Investigators/Collaborators	Department/Sponsor	Title	Start Date End Date	5-3 Proj # PASS #	Award Amount	
Olsen,Daniel B Primary PI	Mechanical Engineering GTI-Gas Technology Institute	Emissions Reduction Methods for 4-Stroke Lean-Burn, Industrial, Natural Gas Engines	11/1/01 - 6/30/02	5522 10407	\$149,428	
Olsen,Daniel B Bestor,Ted Willson,Bryan D	Primary PI Co-PI Co-PI	Mechanical Engineering GRI-Gas Research Institute	Hydraulically Actuated High-Pressure Fuel Investigations for 4-Stroke Large Bore Engines	2/1/02 - 1/31/03	5523 12954	\$200,000
Olsen,Daniel B Bestor,Ted Kirkpatrick,Allan T Mitchell,Charles E Willson,Bryan D	Primary PI Co-PI Co-PI Co-PI Co-PI	Mechanical Engineering GRI-Gas Research Institute	Fuel Valve Design Using Computational Fluid Dynamics & Laser Diagnostics	1/1/02 - 12/31/02	5536 12565	\$200,457
Olsen,Daniel B Bestor,Ted Mitchell,Charles E Willson,Bryan D	Primary PI Co-PI Co-PI Co-PI	Mechanical Engineering GRI-Gas Research Institute	Nitrogen Dioxide Emissions from 2-Stroke Large Bore Natural Gas Engines	1/1/02 - 12/31/02	5548 12710	\$60,059
Olsen,Daniel B Bestor,Ted Willson,Bryan D	Primary PI Co-PI Co-PI	Mechanical Engineering GRI-Gas Research Institute	Humidity Control for Power & Emissions	1/1/02 - 12/31/02	5552 12658	\$250,127
Olsen,Daniel B Bestor,Ted Willson,Bryan D	Primary PI Co-PI Co-PI	Mechanical Engineering Tennessee Gas Pipeline	Planar, Laser-induced Fluorescence Evaluation of LCM Fuel Valves	7/17/01 - 10/1/01	6017 12013	\$10,481
Olsen,Daniel B Bestor,Ted Willson,Bryan D	Primary PI Co-PI Co-PI	Mechanical Engineering Tennessee Gas Pipeline	Planar, Laser-induced Fluorescence Evaluation of LCM Fuel Valves	7/17/01 - 10/1/01	6017 12013	\$360
Olsen,Daniel B	Primary PI Tennessee Gas Pipeline	Report-Assessment of Estimating Volatile Organic Compounds Emissions Based on Total Hydrocarbon Emissions & Fuel. . .	11/29/01 - 6/1/02	6101 12721	\$11,771	
Olsen,Daniel B	Primary PI Advanced Engine Technologies Corporation	PEMS Field Data Analysis	2/11/02 - 2/10/03	6126 12633	\$10,048	
Olsen,Daniel B Bestor,Ted Willson,Bryan D	Primary PI Co-PI Co-PI	Mechanical Engineering Woodward Governor Company *	Scroll Compressor Testing	4/6/01 - 12/1/01	6144 11723	\$3,664
Olsen,Daniel B Bestor,Ted Willson,Bryan D	Primary PI Co-PI Co-PI	Mechanical Engineering Woodward Governor Company *	Scroll Compressor Testing	4/6/01 - 10/1/01	6144 11723	\$7,493

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**Inter-departmental Project

Awards Received includes all new and incremental funding toward a new or existing project.

Engineering - Awards

Investigators/Collaborators	Department/Sponsor	Title	Start Date End Date	5-3 Proj # PASS #	Award Amount
Olsen,Daniel B Bestor,Ted Willson,Bryan D	Primary PI Co-PI Co-PI	Mechanical Engineering Woodward Governor Company *	Scroll Compressor Testing 4/6/01 - 6/30/02	6144 11723	\$10,169
Radford,Donald W	Primary PI	Mechanical Engineering CAMI-Advanced Materials Institute/Colo.	Characterization of Carbon Foam Materials for Thermal Management Applications 7/1/01 - 6/30/02	0107 11510	\$18,000
Radford,Donald W	Primary PI	Mechanical Engineering NASA - Natl Aeronautics & Space Admin.	Injection Molded Tensile Test Coupon Preparation 4/15/02 - 10/14/02	1973 13486	\$10,000
Sampath,Walajabad S Barth,Kurt Enzenroth,Robert A	Primary PI Co-PI Co-PI	Mechanical Engineering Midwest Research Institute - NREL	Stability, Yield & Efficiency Studies of CdS/CdTe Photovoltaics Devices Processed with a Continuous On-line Automated ... 9/21/01 - 9/20/04	3910 11216	\$151,492
Sampath,Walajabad S Barth,Kurt Enzenroth,Robert A	Primary PI Co-PI Co-PI	Mechanical Engineering Midwest Research Institute - NREL	Stability, Yield & Efficiency Studies of CdS/CdTe Photovoltaics Devices Processed with a Continuous On-line Automated ... 9/21/01 - 9/20/04	3910 11216	\$70,000
Sampath,Walajabad S Barth,Kurt Enzenroth,Robert A	Primary PI Co-PI Co-PI	Mechanical Engineering Midwest Research Institute - NREL	Stability, Yield & Efficiency Studies of CdS/CdTe Photovoltaics Devices Processed with a Continuous On-line Automated ... 9/21/01 - 9/20/04	3910 11216	\$75,000
Sampath,Walajabad S	Primary PI	Mechanical Engineering AVA Technologies	High Throughput Vacuum Processing for Innovative Uses of Glass 4/1/01 - 4/1/03	3936 11874	\$40,000
Sampath,Walajabad S	Primary PI	Mechanical Engineering AVA Technologies	High Throughput Vacuum Processing for Innovative Uses of Glass 4/1/01 - 4/1/03	3936 11874	\$50,000
Smith,Frederick W	Primary PI	Mechanical Engineering Univ. California-Los Alamos National Lab	Implicit Finite Element Model Development & Validation for Discrete Fracture in High Explosives 12/3/01 - 11/12/03	3942 12482	\$176,326
Wheeler,Donna	Primary PI	Mechanical Engineering School of Mines	Calcium Phosphate Microcarriers for Bone Regeneration 1/1/02 - 6/30/02	0114 12589	\$57,700
Wheeler,Donna Pluhar,G. Elizabeth Turner,Anthony Simon	Primary PI Collaborator Collaborator	Mechanical Engineering Stryker Biotech	Delivery of osteogenic protein-1 (PO-1) in Enhanced Cement: An Ovine Tibial Ostectomy Study 10/1/01 - 10/1/02	6056 12201	\$12,108
Wheeler,Donna Pluhar,G. Elizabeth Turner,Anthony Simon	Primary PI Collaborator Collaborator	Mechanical Engineering Stryker Biotech	Delivery of osteogenic protein-1 (PO-1) in Enhanced Cement: An Ovine Tibial Ostectomy Study 10/1/01 - 10/1/02	6056 12201	\$135,555

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**Inter-departmental Project

Engineering - Awards

Investigators/Collaborators	Department/Sponsor	Title	Start Date End Date	5-3 Proj # PASS #	Award Amount	
Wheeler, Donna Pluhar, G. Elizabeth Turner, Anthony Simon	Primary PI Collaborator Collaborator	Mechanical Engineering Stryker Biotech	Delivery of osteogenic protein-1 (PO-1) in Enhanced Cement: An Ovine Tibial Osteotomy Study	10/1/01 - 10/1/02	6056 12201	\$155,910
Wheeler, Donna	Primary PI	Mechanical Engineering DePuy Inc.	PMMA Study -- Phase II III	10/16/00 - 10/15/01	6084 10279	\$10,250
Wheeler, Donna	Primary PI	Mechanical Engineering CaP Biotechnology, Inc.	Calcium Phosphate Microcarriers for Bone Regeneration	1/1/02 - 12/31/02	6111 12589	\$16,000
Wheeler, Donna	Primary PI	Mechanical Engineering US Biomaterials Corporation	Comparison of Bioactive Bone Graft Materials Against Industry Standards	4/2/01 - 1/10/03	6125 11312	\$10,216
Wheeler, Donna Pluhar, G. Elizabeth Turner, Anthony Simon	Primary PI Collaborator Collaborator	Mechanical Engineering Stryker Biotech	The Effect of Osteogenic Protein-1 (OP-1) In Instrumented & Noninstrumented Lumbar Fusion...	4/1/02 - 4/1/03	6131 13175	\$254,762
Wilbur, Paul J	Primary PI	Mechanical Engineering NASA-Lewis Research Center	Advanced Electric Propulsion Research	1/23/96 - 12/31/02	1927	\$10,012
Wilbur, Paul J	Primary PI	Mechanical Engineering NASA-Lewis Research Center	Advanced Electric Propulsion Research	1/23/96 - 12/31/02	1927	\$25,000
Wilbur, Paul J	Primary PI	Mechanical Engineering NASA-Lewis Research Center	Advanced Electric Propulsion Research	1/23/96 - 12/31/02	1927	\$10,028
Wilbur, Paul J	Primary PI	Mechanical Engineering University of Colorado	Space Grant College & Fellowship Programs	2/1/01 - 1/31/03	2711 11115	\$60,000
Wilbur, Paul J	Primary PI	Mechanical Engineering Calif. Inst. of Tech/Jet Propulsion Lab	Ion Thruster Hollow Cathode Research	10/1/01 - 9/30/02	2716 11877	\$101,854
Wilbur, Paul J	Primary PI	Mechanical Engineering Boeing Engineering & Construction Co.	Xe-ion Sputter Rate Measurements	1/25/02 - 6/30/02	6142 13211	\$41,200
Willson, Bryan D	Primary PI	Mechanical Engineering DOE - US Department of Energy	Improvement to Pipeline Compressor Engine Reliability through Retrofit Micro-Pilot Ignition System	9/19/01 - 9/18/04	3824 10919	\$104,043
Willson, Bryan D Bestor, Ted Kirkpatrick, Allan T Olsen, Daniel B	Primary PI Co-PI Co-PI Co-PI	Mechanical Engineering DOE - US Department of Energy	Fundamental Studies of Ignition Process in Large Natural Gas Engines Using Laser Spark Ignition	5/1/02 - 4/30/04	3832 11758	\$241,000

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**Inter-departmental Project

Engineering - Awards

Investigators/Collaborators	Department/Sponsor	Title	Start Date End Date	5-3 Proj # PASS #	Award Amount	
Willson,Bryan D Bestor,Ted Olsen,Daniel B	Primary PI Co-PI Co-PI	Mechanical Engineering GRI-Gas Research Institute	Improvement to Pipeline Compressor Engine Reliability Through Retrofit Micro-Pilot Ignition System: Phase II	1/1/02 - 12/31/02	5555 12746	\$272,342
Willson,Bryan D Bestor,Ted	Primary PI Co-PI	Mechanical Engineering Cummins Engine Company	Development of Diesel Pilot Ignition for a Cummins QSK Natural Gas Engine	10/15/01 - 10/15/03	6081 12271	\$40,000
Willson,Bryan D Bestor,Ted	Primary PI Co-PI	Mechanical Engineering Cummins Engine Company	Development of Diesel Pilot Ignition for a Cummins QSK Natural Gas Engine	10/15/01 - 10/15/03	6081 12271	\$40,000
Willson,Bryan D Bestor,Ted	Primary PI Co-PI	Mechanical Engineering Cummins Engine Company	Development of Diesel Pilot Ignition for a Cummins QSK Natural Gas Engine	10/15/01 - 10/15/03	6081 12271	\$120,000
Engineering Total:					\$45,982,858	

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**Inter-departmental Project

Awards Received includes all new and incremental funding toward a new or existing project.

Liberal Arts - Awards

Investigators/Collaborators	Department/Sponsor	Title	Start Date End Date	5-3 Proj # PASS #	Award Amount
Browne,Katherine E	Primary PI Anthropology NSF-SBE-Social, Behav & Econ Sciences	Female Entrepreneurship; A Comparative Study of Gender & Work in the Caribbean	5/15/00 - 4/30/03	3075 200	\$6,237
Browne,Katherine E	Primary PI Anthropology NSF-SBE-Social, Behav & Econ Sciences	Female Entrepreneurship; A Comparative Study of Gender & Work in the Caribbean	5/15/00 - 4/30/03	3105 200	\$45,000
Pickering,Kathleen A	Primary PI Anthropology USDA-CSREES-Coop State Rsrch Edu & Ext	Long-term Impacts of Welfare Reform on Rural Poverty	11/15/01 - 11/14/03	1459 10662	\$135,000
Pickering,Kathleen A	Primary PI Anthropology NSF - National Science Foundation	CAREER: Cash & the Social Economy of the Pine Ridge Indian Reservation	6/15/01 - 5/31/06	3243 2735	\$44,881
Pickering,Kathleen A	Primary PI Anthropology NSF - National Science Foundation	CAREER: Cash & the Social Economy of the Pine Ridge Indian Reservation - REU	6/15/01 - 5/31/06	3345 2735	\$4,000
Pickering,Kathleen A	Primary PI Anthropology NSF - National Science Foundation	CAREER: Cash & the Social Economy of the Pine Ridge Indian Reservation - REU	6/15/01 - 5/31/06	3345 2735	\$5,000
Todd,Lawrence C	Primary PI Anthropology USDA-USFS-Forest Research	Nebraska National Forest Cultural Resource Database	8/27/99 - 12/31/02	8711	\$14,500
Todd,Lawrence C	Primary PI Anthropology USDA-USFS-Forest Research	Nebraska National Forest Cultural Resource Database	8/27/99 - 12/31/04	8711	\$20,000
Todd,Lawrence C	Primary PI Anthropology USDA-USFS-Forest Research	Hudson-Meng Excavations 2002	5/13/02 - 9/30/02	8855 13691	\$16,000
Van Buren,Mary L	Primary PI Anthropology NFAH-Natl Endowment for the Humanities	Inka, Spanish, & Indigenous Silver Production in Porco, Bolivia	5/1/02 - 8/31/02	9635 12121	\$60,000
Kling,Robert W	Primary PI Economics USDA - US Department of Agriculture	Improved Economic Methods for Wildlife Management Assessment	6/1/02 - 5/31/03	2148 11638	\$33,620
Kling,Robert W Phillips,Ronnie J	Primary PI Co-PI Economics USDA-USFS-Rocky Mtn. Rsrch Station - CO	Measuring Stakeholder & Forest Service Employee Perceptions about Fire Risk Management in the Colorado Front Range	1/1/00 - 10/31/02	8761	\$41,000
Weiler,Stephan A Kling,Robert W	Primary PI Collaborator Economics DOC-EDA-Economic Development Admin.	Matching Retail Gaps with Brownfield Opportunities	6/1/02 - 10/31/03	1228 13280	\$84,000
Cowell,Pattie	Primary PI English Corporation for National & Community Srv	Service Learning	10/1/01 - 7/31/02	9626	\$4,725
Crow,Mary	Primary PI English Colorado Council on the Arts & Humanitie	Literacy Through Poetry	1/9/02 - 12/31/02	0545 11682	\$2,000

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**Inter-departmental Project

Liberal Arts - Awards

Investigators/Collaborators	Department/Sponsor	Title	Start Date End Date	5-3 Proj # PASS #	Award Amount
Crow,Mary	Primary PI	English City of Fort Collins - Fort Fund	Reading & Informal Discussion by Chinese Poet Bei Dao 6/27/01 - 12/31/01	5156	\$1,300
Crow,Mary	Primary PI	English Witter Bynner Foundation	Literacy through Poetry 6/1/01 - 5/31/02	5201 12717	\$6,700
Seel,Peter B	Primary PI	Journalism & Technical Comm Colorado Institute of Technology*	The Online Interdisciplinary Studies Program in Information Science & Technology 7/1/02 - 12/31/04	7104 11105	\$232,200
Slater,Michael D	Primary PI	Journalism & Technical Comm HHS-PHS-Drug Abuse Research Programs	Community Readiness & Media Prevention Campaigns 9/30/98 - 8/31/03	7614 980508	\$470,230
Slater,Michael D	Primary PI	Journalism & Technical Comm HHS-NIH-Center for Scientific Review	Alcohol Risk Perceptions & the Media 8/1/95 - 8/31/05	7692 10383	\$476,944
Zimmerman,Donald E	Primary PI	Journalism & Technical Comm	A Change Agent for Rural Multicultural Adults 5/1/00 -	7531	\$29,976
Slater,Michael D	Co-PI	AMC Cancer Research Center	12/31/02	991503	
Zimmerman,Donald E	Primary PI	Journalism & Technical Comm USDA-USFS-Rocky Mtn. Rsrch Station - CO	Effectiveness of Visualization in Improving Ability of Public to Interpret Output from the Forest Vegetation ... 8/7/01 - 8/31/02	8884	\$30,000
Burns,Morris U	Primary PI	Music, Theatre & Dance City of Fort Collins - Fort Fund	Outdoor Café Theatre 2/21/01 - 2/20/02	5115 10851	\$3,500
Burns,Morris U	Primary PI	Music, Theatre & Dance City of Fort Collins - Fort Fund	Outdoor Café Theatre 1/24/02 - 1/23/03	7107 12842	\$3,900
Slusarski-Harris,Jane	Primary PI	Music, Theatre & Dance City of Fort Collins - Fort Fund	This Speaking Body 1/24/02 - 1/23/03	5368 12777	\$1,900
Raynolds,Laura T	Primary PI	Sociology MacArthur Foundation	Fair Trade: Creating An Alternative Global Food System 1/1/02 - 5/31/03	5208 10885	\$75,000
Swanson,Louis E. Jr	Primary PI	Sociology	Beef Industry Cooperatives: Differences Between Investors & Non-Investors Regarding Enterprise Management ... 9/15/00 - 6/30/02	2057 992362	\$15,237
Field,Thomas G	Co-PI	USDA - US Department of Agriculture			
Wilkins-Wells,John Rees	Primary PI	Sociology DOI-Bureau of Reclamation	Management Practice Study II - County Land Use Impacts on Irrigation Districts 3/1/99 - 9/30/02	2896 991978	\$79,000
Liberal Arts Total:					\$1,941,850

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**Inter-departmental Project

Natural Resources - Awards

Investigators/Collaborators	Department/Sponsor	Title	Start Date End Date	5-3 Proj # PASS #	Award Amount
Shaw,Robert B Jones,David S	Primary PI Co-PI DOD-ARMY-Fort Lewis, Washington	CEMML Tracked Vehicle Project Support for Fort Lewis, Washington	9/1/01 - 1/15/03	2304 12308	\$27,500
Shaw,Robert B Zeidler,James A	Primary PI Co-PI DOD-ARMY	CEMML Inventory of Native American Plants for Fort Drum, New York, ON CAMPUS	3/1/02 - 12/31/04	2336 13156	\$19,198
Shaw,Robert B Zeidler,James A	Primary PI Co-PI DOD-ARMY	CEMML Inventory of Native American Plants for Fort Drum, New York, OFF CAMPUS	3/1/02 - 12/31/04	2337 13156	\$802
Shaw,Robert B	Primary PI DOD-ARMY	CEMML Intergovernmental Personnel Agreement - Ted S Richan	5/15/02 - 5/14/04	2342 13273	\$36,281
Shaw,Robert B Brozka,Robert J Kondratieff,Boris C Opler,Paul A	Primary PI Co-PI Co-PI Co-PI DOD-ARMY	CEMML Terrestrial Invertebrate Survey at Fort Sill, Oklahoma	8/3/01 - 1/15/03	2350 11617	\$54,258
Shaw,Robert B Bagley,Calvin F	Primary PI Co-PI DOD-ARMY	CEMML Integrated Training Area Management Support for United States Army Alaska, ON CAMPUS	3/1/02 - 9/30/04	2353 13260	\$34,713
Shaw,Robert B Bagley,Calvin F	Primary PI Co-PI DOD-ARMY	CEMML Integrated Training Area Management for United States Army Alaska, OFF CAMPUS	3/1/02 - 9/30/04	2354 13260	\$467,287
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI DOD-ARMY-Fort Drum, New York	CEMML Integrated Training Area Management Field Support at Fort Drum, New York ON CAMPUS	4/1/02 - 4/30/03	2358 13523	\$16,991
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI DOD-ARMY-Fort Drum, New York	CEMML Integrated Training Area Management Program Field Support at Fort Drum, New York OFF CAMPUS	4/1/02 - 4/30/03	2359 13523	\$205,361
Shaw,Robert B Bagley,Calvin F	Primary PI Co-PI DOD-ARMY	CEMML Mission/Transformation EIS Support, Phase 4 ON CAMPUS	5/21/02 - 9/30/04	2360 13713	\$721,323
Shaw,Robert B Bagley,Calvin F	Primary PI Co-PI DOD-ARMY	CEMML Mission/Transformation EIS Support, Phase Four SOW 02-12, Off Campus	5/21/02 - 9/30/04	2361 13713	\$878,677
Shaw,Robert B Jones,David S	Primary PI Co-PI DOD-ARMY-Fort Lewis, Washington	CEMML Noxious Weed & Biological Control Population Monitoring for Yakima Training Center, ON CAMPUS	6/15/02 - 10/1/02	2366 13886	\$5,542
Shaw,Robert B Jones,David S	Primary PI Co-PI DOD-ARMY-Fort Lewis, Washington	CEMML Noxious Weed & Biological Control Population Monitoring for Yakima Training Center, OFF CAMPUS	6/15/02 - 10/1/02	2367 13886	\$15,758
Shaw,Robert B Zeidler,James A	Primary PI Co-PI DOD-ARMY-Fort Drum, New York	CEMML Fort Drum, NY Cultural Resource Support LeRay Mansion Drains Project, ON CAMPUS	6/15/02 - 12/30/04	2373 13890	\$3,582

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**Inter-departmental Project

Natural Resources - Awards

Investigators/Collaborators	Department/Sponsor	Title	Start Date End Date	5-3 Proj # PASS #	Award Amount
Shaw,Robert B Zeidler,James A	Primary PI Co-PI DOD-ARMY-Fort Drum, New York	CEMML Fort Drum, NY Cultural Resource Support LeRay Mansion Drains Project, OFF CAMPUS	6/15/02 - 12/30/04	2374 13890	\$26,418
Shaw,Robert B Zeidler,James A	Primary PI Co-PI DOD-ARMY-Fort Drum, New York	CEMML Fort Drum, New York Cultural Resource Support LeRaysville Sawmill Project ON CAMPUS	6/15/02 - 12/30/04	2376 13889	\$17,009
Shaw,Robert B Zeidler,James A	Primary PI Co-PI DOD-ARMY-Fort Drum, New York	CEMML Fort Drum, NY Cultural Resource Support LeRaysville Sawmill Project, OFF CAMPUS	6/15/02 - 12/30/04	2377 13889	\$22,990
Shaw,Robert B Bagley,Calvin F	Primary PI Co-PI DOD-ARMY	CEMML Cultural Resources Support for Alaska - On Campus	2/12/02 - 9/30/04	2405 12943	\$35,336
Shaw,Robert B Bagley,Calvin F	Primary PI Co-PI DOD-ARMY	CEMML Cultural Resources Support for Alaska - Off Campus	2/12/02 - 9/30/04	2406 12943	\$764,664
Shaw,Robert B Jones,David S	Primary PI Co-PI DOD-ARMY-Fort Lewis, Washington	CEMML Light Armored Vehicle Impact Study for Fort Lewis, Washington	4/1/02 - 3/31/03	2415 13376	\$10,000
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI DOD-ARMY-Fort Drum, New York	CEMML Wetlands Program Technical Support at Fort Drum, New York On Campus	6/1/02 - 12/31/03	2434 13291	\$1,364
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI DOD-ARMY-Fort Drum, New York	CEMML Wetlands Program Technical Support at Fort Drum, New York Off Campus	6/1/02 - 12/31/03	2435 13291	\$18,756
Shaw,Robert B	Primary PI DOD-ARMY	CEMML Intergovernmental Personnel Agreement for Eugene Bishop	2/1/99 - 1/31/03	2458 991308	\$84,864
Shaw,Robert B Bagley,Calvin F	Primary PI Co-PI DOD-ARMY	CEMML Environmental Restoration Support for Investment & Long Term Operations for USARAK ON CAMPUS	9/30/01 - 9/30/04	2480 12401	\$12,430
Shaw,Robert B Bagley,Calvin F	Primary PI Co-PI DOD-ARMY	CEMML Environmental Restoration Support for Investment & Long Term Operations for USARAK OFF CAMPUS	9/30/01 - 9/30/04	2481 12401	\$287,570
Shaw,Robert B Bagley,Calvin F	Primary PI Co-PI DOD-ARMY	CEMML Environmental Restoration Support for Investment & Long Term Operations for USARAK OFF CAMPUS	9/30/01 - 9/30/04	2482 12401	\$191,520
Shaw,Robert B Bagley,Calvin F	Primary PI Co-PI DOD-ARMY	CEMML Environmental Restoration Support for Investment & Long Term Operations for USARAK ON CAMPUS	9/30/01 - 9/30/04	2483 12401	\$8,480

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**Inter-departmental Project

Natural Resources - Awards

Investigators/Collaborators	Department/Sponsor	Title	Start Date End Date	5-3 Proj # PASS #	Award Amount	
Shaw,Robert B Bagley,Calvin F	Primary PI Co-PI	CEMML DOD-ARMY	Environmental Assessment for Multi-Purpose Range Complex for USARAK, SOW 01-25, On- Campus	9/30/01 - 9/30/02	2503 12431	\$1,468
Shaw,Robert B Bagley,Calvin F	Primary PI Co-PI	CEMML DOD-ARMY	Environmental Assessment for Multi-Purpose Range Complex for USARAK, SOW 01-25, Off- Campus	9/30/01 - 9/30/02	2504 12431	\$28,532
Shaw,Robert B Bagley,Calvin F	Primary PI Co-PI	CEMML DOD-ARMY	Mission Transformation EIS - Phase III SOW 01- 24, On-Campus	9/30/01 - 9/30/03	2510 12427	\$333,025
Shaw,Robert B Bagley,Calvin F	Primary PI Co-PI	CEMML DOD-ARMY	Mission Transformation EIS - Phase III SOW 01- 24, Off-Campus	9/30/01 - 9/30/03	2511 12427	\$84,275
Shaw,Robert B Zeidler,James A	Primary PI Co-PI	CEMML DOD-ARMY-Fort Drum, New York	Cultural Resources Survey for Fort Drum, New York, ON CAMPUS	1/1/02 - 12/31/04	2516 12804	\$18,695
Shaw,Robert B Zeidler,James A	Primary PI Co-PI	CEMML DOD-ARMY-Fort Drum, New York	Cultural Resources Survey for Fort Drum, New York, ON CAMPUS	1/1/02 - 12/31/04	2516 12804	\$964
Shaw,Robert B Zeidler,James A	Primary PI Co-PI	CEMML DOD-ARMY-Fort Drum, New York	Cultural Resources Survey for Fort Drum, New York, ON CAMPUS	1/1/02 - 12/31/04	2516 12804	\$3,131
Shaw,Robert B Zeidler,James A	Primary PI Co-PI	CEMML DOD-ARMY-Fort Drum, New York	Cultural Resources Survey for Fort Drum, New York, OFF CAMPUS	1/1/02 - 12/31/04	2517 12804	\$26,869
Shaw,Robert B Zeidler,James A	Primary PI Co-PI	CEMML DOD-ARMY-Fort Drum, New York	Cultural Resources Survey for Fort Drum, New York, OFF CAMPUS	1/1/02 - 12/31/04	2517 12804	\$14,036
Shaw,Robert B Zeidler,James A	Primary PI Co-PI	CEMML DOD-ARMY-Fort Drum, New York	Cultural Resources Survey for Fort Drum, New York, OFF CAMPUS	1/1/02 - 12/31/04	2517 12804	\$231,304
Shaw,Robert B Zeidler,James A	Primary PI Co-PI	CEMML DOD-ARMY-Fort Drum, New York	Special Survey Route Analysis for Fort Drum, New York, ON CAMPUS	1/1/02 - 12/31/04	2518 12802	\$4,720
Shaw,Robert B Zeidler,James A	Primary PI Co-PI	CEMML DOD-ARMY-Fort Drum, New York	Special Survey Route Analysis for Fort Drum, New York, OFF CAMPUS	1/1/02 - 12/31/04	2519 12802	\$45,280
Shaw,Robert B Zeidler,James A	Primary PI Co-PI	CEMML DOD-ARMY-Fort Drum, New York	Cultural Resources Site Evaluations Support for Fort Drum, New York, ON CAMPUS	1/1/02 - 12/31/04	2520 12803	\$13,946
Shaw,Robert B Zeidler,James A	Primary PI Co-PI	CEMML DOD-ARMY-Fort Drum, New York	Cultural Resources Site Evaluations Support for Fort Drum, New York, OFF CAMPUS	1/1/02 - 12/31/04	2521 12803	\$161,054

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Natural Resources - Awards

Investigators/Collaborators	Department/Sponsor	Title	Start Date End Date	5-3 Proj # PASS #	Award Amount	
Shaw,Robert B Bagley,Calvin F	Primary PI Co-PI	CEMML DOD-ARMY	Natural Resources Support to Meet Sikes Act Requirements, SOW, for USARAK, ON CAMPUS	5/1/02 - 9/30/05	2522 13602	\$47,329
Shaw,Robert B Bagley,Calvin F	Primary PI Co-PI	CEMML DOD-ARMY	Natural Resources Support to Meet Sikes Act Requirements, SOW 02-04, for USARAK, OFF CAMPUS	5/1/02 - 9/30/05	2523 13602	\$777,671
Shaw,Robert B	Primary PI	CEMML DOD - US Department of Defense	IPA Contract for Joshua Delmonico	4/1/01 - 3/31/04	2547 11005	\$93,692
Shaw,Robert B	Primary PI	CEMML DOD-ARMY	Intergovernmental Personnel Act (IPA) Contract for Frederick W. Boecher	11/26/98 - 11/25/02	2550 990711	\$103,684
Shaw,Robert B	Primary PI	CEMML DOD-ARMY	Intergovernmental Personnel Act (IPA) for Donald Artis	3/1/00 - 2/28/03	2551 1430	\$153,466
Shaw,Robert B	Primary PI	CEMML DOD-ARMY	Intergovernmental Personnel Act (IPA) Contract for Timothy A. Blume	11/26/98 - 11/25/02	2552 990710	\$89,081
Shaw,Robert B	Primary PI	CEMML DOD-ARMY	Intergovernmental Personnel Act (IPA) Contract for Michael F. Flannery, Jr.	11/26/98 - 11/25/02	2558 990712	\$100,762
Shaw,Robert B	Primary PI	CEMML DOD-ARMY	Intergovernmental Personnel Act (IPA) Contract for Jamie Marie Higgins	11/26/98 - 11/25/02	2559 990715	\$87,226
Shaw,Robert B	Primary PI	CEMML DOD-ARMY	IPA for Joseph Norberg	3/1/00 - 2/29/04	2563 1511	\$355,122
Shaw,Robert B Bagley,Calvin F	Primary PI Co-PI	CEMML DOD-ARMY	Land Condition Trend Analysis Work for Alaska Army National Guard at Stewart River Local Training OFF CAMPUS	7/1/01 - 2/28/02	2574 11785	\$62,469
Shaw,Robert B Bagley,Calvin F	Primary PI Co-PI	CEMML DOD-ARMY	Land Condition Trend Analysis Work for Alaska Army National Guard at Stewart River Local Training ON CAMPUS	7/1/01 - 2/28/02	2575 11785	\$3,030
Shaw,Robert B Bagley,Calvin F	Primary PI Co-PI	CEMML DOD-ARMY-Fort Lewis, Washington	Hydrologist Support for Yakima Training Center, Washington, On-Campus	8/24/01 - 8/23/02	2576 1185	\$4,385
Shaw,Robert B Bagley,Calvin F	Primary PI Co-PI	CEMML DOD-ARMY-Fort Lewis, Washington	Hydrologist Support for Yakima Training Center, Washington, Off Campus	8/24/01 - 8/23/02	2577 1185	\$61,615
Shaw,Robert B Jones,David S	Primary PI Co-PI	CEMML DOD-ARMY-Fort Lewis, Washington	GPS Data Collection for Yakima Training Center, Washington, On-Campus	8/15/01 - 9/21/01	2578 1185	\$266

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Shaw,Robert B Jones,David S	Primary PI Co-PI CEMML DOD-ARMY-Fort Lewis, Washington	GPS Data Collection for Yakima Training Center, Washington, Off-Campus	8/15/01 - 9/21/01	2579 1185	\$2,234
Shaw,Robert B Jones,David S	Primary PI Co-PI CEMML State of Idaho	Tracked Vehicle Study Data Analysis & Report 2001- ON CAMPUS	7/20/01 - 7/26/02	2643 11737	\$19,911
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI CEMML State of Idaho	Land Condition Trend Analysis Field Data Collection & Data Analysis 2001-2002	7/23/01 - 9/30/02	2644 11736	\$37,284
Shaw,Robert B Doe,William W	Primary PI Co-PI CEMML Calibre Systems, Inc.	Active/Inactive Range Inventory for US Army	7/13/00 - 10/13/02	2653 564	\$218,846
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI CEMML Calibre Systems, Inc.	TRADOC 1 ITAM Program Support - Fort Leonard Wood, Benning, and Huachuca	10/1/00 - 2/10/02	2657 564	\$14,400
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI CEMML Calibre Systems, Inc.	TRADOC 1 ITAM Program Support - Fort Leonard Wood, Benning, and Huachuca	10/1/00 - 2/10/02	2657 564	\$4,800
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI CEMML Calibre Systems, Inc.	Land Condition Trend Analysis II Survey Support for the US Army Environmental Center	9/14/01 - 1/13/02	2663 564	\$13,364
Shaw,Robert B Bagley,Calvin F	Primary PI Co-PI CEMML Calibre Systems, Inc.	ITAM & Geographical Information System Regional Support Center	2/5/02 - 2/4/03	2664 564	\$567,715
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI CEMML Calibre Systems, Inc.	ITAM Program Support for Fort Drum, NY	8/1/02 - 7/31/03	2665 564	\$309,082
Shaw,Robert B	Primary PI CEMML University of Southern Mississippi	Laminate Plant Specimens	1/9/02 - 5/31/02	5305 13024	\$1,849
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI CEMML University of Southern Mississippi	Laminate Plant Specimens for University of Southern Mississippi	5/20/02 - 12/31/02	7103 13024	\$3,013
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI CEMML DOD-ARMY-Corps of Engineers	Integrated Training Area Management Program, Land Condition Trend Analysis Support for Fort Stewart, Georgia	6/1/00 - 5/31/01	7208 1935	\$3,300
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI CEMML DOD-ARMY-Corps of Engineers	ITAM Support for Fort Stewart, Georgia	9/27/00 - 9/27/01	7213 2053	\$4,200
Shaw,Robert B Bagley,Calvin F	Primary PI Co-PI CEMML DOD-ARMY	Integrated Training Area Management (ITAM) Support	11/15/00 - 9/30/04	7234 2465	\$4,507
Shaw,Robert B Bagley,Calvin F	Primary PI Co-PI CEMML DOD-ARMY	Integrated Training Area Management (ITAM) Support	11/15/00 - 9/30/04	7235 2465	\$82,493

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Shaw,Robert B Bagley,Calvin F	Primary PI Co-PI	CEMML DOD-ARMY	Mission Transformation Environmental Impact Statement - Phase II ON CAMPUS	9/30/01 - 9/30/03	7236 12402	\$413,850
Shaw,Robert B Bagley,Calvin F	Primary PI Co-PI	CEMML DOD-ARMY	Mission Transformation Environmental Impact Statement - Phase II OFF CAMPUS	9/30/01 - 9/30/03	7237 12402	\$86,150
Shaw,Robert B Bagley,Calvin F	Primary PI Co-PI	CEMML DOD-ARMY	Environmental Compliance Support for USARAK ON CAMPUS	9/30/01 - 9/30/04	7238 12400	\$9,520
Shaw,Robert B Bagley,Calvin F	Primary PI Co-PI	CEMML DOD-ARMY	Environmental Compliance Support for USARAK OFF CAMPUS	9/30/01 - 9/30/04	7239 12400	\$190,480
Shaw,Robert B Jones,David S	Primary PI Co-PI	CEMML DOD-ARMY-Fort Lewis, Washington	Land Condition Trend Analysis Support for Yakima Training Center, Washington, ON CAMPUS	4/1/02 - 8/31/03	7240 13443	\$51,006
Shaw,Robert B Jones,David S	Primary PI Co-PI	CEMML DOD-ARMY-Fort Lewis, Washington	Land Condition Trend Analysis Support for Yakima Training Center, Washington, OFF CAMPUS	4/1/02 - 8/31/03	7241 13443	\$67,394
Shaw,Robert B Jones,David S	Primary PI Co-PI	CEMML DOD-ARMY-Fort Lewis, Washington	Monitoring & Final Reporting of LAV Impact Study Plots, Ft. Lewis, Washington ON CAMPUS	6/15/02 - 6/1/03	7242 13885	\$22,738
Shaw,Robert B Jones,David S	Primary PI Co-PI	CEMML DOD-ARMY-Fort Lewis, Washington	Monitoring & Final Reporting of LAV Impact Study Plots, OFF CAMPUS	6/15/02 - 6/1/03	7243 13885	\$7,762
Shaw,Robert B Doe,William W	Primary PI Co-PI	CEMML DOD-ARMY	Intergovernmental Personnel Act for Theodore Reid	9/15/99 - 9/14/03	7255 106	\$207,999
Shaw,Robert B Jones,David S	Primary PI Co-PI	CEMML DOD-ARMY-Fort Lewis, Washington	Land Condition Trend Analysis Data Support for Fort Lewis, Washington	9/1/01 - 1/15/03	7304 12341	\$10,500
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI	CEMML DOD-ARMY-Fort Drum, New York	Technical Field Support for Forest Management at Fort Drum, New York ON CAMPUS	9/19/01 - 12/31/02	7377 12372	\$895
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI	CEMML DOD-ARMY-Fort Drum, New York	Technical Field Support for Forest Management at Fort Drum, New York OFF CAMPUS	9/19/01 - 12/31/02	7378 12372	\$8,887
Shaw,Robert B Bagley,Calvin F	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Support for Threatened and Endangered Species Research at USA-CERL	5/1/00 - 9/30/02	8439 902	\$16,391
Shaw,Robert B	Primary PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Support for Agricultural Outlease Program at Fort Campbell, Kentucky	1/15/01 - 2/28/02	8493 12376	\$1,800

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Shaw,Robert B Brozka,Robert J	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Land Condition Trend Analysis Program Support on Ft. McCoy	12/15/00 - 7/31/02	8498 902	\$31,500
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	USAREUR GIS & Land Management Programs	1/1/01 - 1/1/02	8499 902	\$52,489
Shaw,Robert B	Primary PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Ecological Monitoring & Wildfire Management Technical Support for Elgin Air Force Base, FL	4/27/01 - 12/31/02	8515 12396	\$90,000
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	LCTA Program Support for Fort Stewart, Georgia	6/1/01 - 4/25/02	8519 902	\$1,800
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Controlling Exotic Plant & Habitat Management on Fort McCoy, WI	5/7/01 - 9/30/02	8534 12407	\$15,300
Shaw,Robert B Zeidler,James A	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Cultural Resources & Wildlife Management Support at Fort Campbell, KY	8/1/01 - 3/31/03	8538 902	\$354,641
Shaw,Robert B Zeidler,James A	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Historic Architectural Survey for US Army Garrison, Hawaii	10/1/01 - 10/1/03	8539 902	\$195,090
Shaw,Robert B	Primary PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Exotic Plant Species & Wildlife Habitat Management on Fort McCoy, Wisconsin	9/1/01 - 9/30/02	8540 12330	\$24,300
Shaw,Robert B	Primary PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Exotic Plant Species & Wildlife Habitat Management on Fort McCoy, Wisconsin	9/1/01 - 9/30/02	8540 12330	\$31,527
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Integrated Training Area Management Program LCTA, GIS, & LRAM Technical Support	7/1/01 - 6/30/03	8541 902	\$27,000
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Magnetic Identification Signs for Range Control Vehicles	8/1/01 - 10/31/01	8542 902	\$3,226
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Soil & Vegetation Sample Collection Data Analysis & Reporting at Ft. Leonard Wood, MO	1/1/02 - 12/31/02	8543 902	\$78,640
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Technical Assistance in Fire Management & Range Facilities Planning for US Army Hawaii	6/1/01 - 12/31/02	8544 902	\$85,323
Shaw,Robert B	Primary PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Phase I Archaeological Inventory of Fort McCoy, Wisconsin	9/1/01 - 12/30/02	8545 12409	\$7,200
Shaw,Robert B	Primary PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Phase I Archaeological Inventory of Fort McCoy, Wisconsin	9/1/01 - 12/30/02	8545 12409	\$8,569
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Range & Training Land Program Coordination Headquarters, U.S. Army Pacific	9/1/01 - 12/31/02	8546 902	\$63,000

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Shaw,Robert B Zeidler,James A	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Cultural Resources Management Support for Fort Leonard Wood, MO	9/15/01 - 9/14/02	8547 902	\$91,350
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Wildlife Population & Ecosystem Management on Fort McCoy	8/15/01 - 9/30/02	8548 902	\$54,000
Shaw,Robert B Warren,Steven D	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Soil Erosion Modeling at Fort McCoy, WI	9/15/01 - 9/15/02	8549 902	\$12,780
Shaw,Robert B Bagley,Calvin F	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Map Production 1:25,000 Installation Special Camp Guernsey	9/1/01 - 6/30/02	8550 12213	\$5,255
Shaw,Robert B Bagley,Calvin F	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Map Production 1:50,000 Air Ops Camp Guernsey	9/1/01 - 6/30/02	8551 12214	\$4,923
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Integrated Training Area Management Program Support at Fort Dix, New Jersey	11/1/01 - 10/31/02	8552 12546	\$62,597
Shaw,Robert B Bagley,Calvin F	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Map Production 1:50,000 Installation Special Camp Guernsey	9/1/01 - 6/30/02	8553 12215	\$4,924
Shaw,Robert B Bagley,Calvin F	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Arcview Interface for Camp Gernsey North Training Area Cultural Sites	9/1/01 - 6/30/02	8554 12216	\$22,500
Shaw,Robert B Bagley,Calvin F	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Geographic Information System Support for Fort Hunter Liggett, CA	9/1/01 - 11/30/02	8555 12221	\$66,768
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Integrated Training Area Management Program Support at Fort Hunter Liggett, CA	9/15/01 - 9/15/02	8556 12303	\$90,000
Shaw,Robert B Zeidler,James A	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	9th Regional Support Command Integrated Cultural Resources Management Plan (McCoy)	9/17/01 - 12/31/02	8557 12302	\$70,650
Shaw,Robert B Warren,Steven D	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Land Rehabilitation & Maintenance Program Support for Ft. McClellan, Alabama	9/17/01 - 11/30/02	8558 12339	\$120,600
Shaw,Robert B	Primary PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	GIS Program Support for NGB Training Division	9/20/01 - 11/30/02	8559 12377	\$94,394
Shaw,Robert B Zeidler,James A	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Cultural Resources Management Support for Eglin Air Force Base, Florida	9/24/01 - 7/8/03	8560 12397	\$44,100
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Integrated Training Area Management Program Support for U.S. Army, Hawaii	9/20/01 - 9/19/03	8561 12378	\$50,400
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Range & Training Land Program Coordination Headquarters, U.S. Army Pacific	9/20/01 - 2/28/03	8562 12379	\$18,000

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Shaw,Robert B Zeidler,James A	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Cultural Resources Management Support for Eglin Air Force Base, Florida	9/24/01 - 7/8/03	8563 12405	\$115,200
Shaw,Robert B	Primary PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Threatened & Endangered Species Management at Fort McCoy, Wisconsin	9/24/01 - 8/31/02	8564 12408	\$27,000
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Support for Fort McCoy Fisheries Program	9/21/01 - 4/1/03	8565 12410	\$27,000
Shaw,Robert B Bagley,Calvin F	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Information Systems Support for ENRD at Fort Steward, George	1/15/02 - 1/14/03	8566 12645	\$61,908
Shaw,Robert B	Primary PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Information Systems Support for Endangered Species Management at Ft. Stewart, GA	1/1/02 - 12/31/02	8567 12714	\$61,162
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Forest Ecology & Management Support at Ft. A.P. Hill, Virginia	1/20/02 - 12/31/02	8568 12797	\$53,847
Shaw,Robert B Bagley,Calvin F	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Integrated Training Area Management & Geographical Info Systems Program Management for Army Nat'l Guard	3/1/02 - 2/28/03	8569 12894	\$174,126
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Forest Inventory Technicians Fort Campbell, KY	5/1/02 - 12/31/02	8570 12866	\$50,569
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Botanical Surveys on Pohakuloa Training Area & Tank Trail, Island of Hawaii	1/24/02 - 12/31/02	8571 13032	\$244,871
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Preparation of Two Biological Assessments for Army Training for the Islands of Ohau & Hawaii	1/24/02 - 12/31/02	8572 13034	\$244,347
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	USAREUR GIS & Land Management Programs	1/1/02 - 9/30/02	8573 12939	\$81,000
Shaw,Robert B Bagley,Calvin F	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Geographic Information System Services for Montana Army National Guard	1/17/02 - 2/28/03	8574 12970	\$55,371
Shaw,Robert B Zeidler,James A	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Fort Leonard Wood Cultural Resources Support	9/15/02 - 9/14/03	8575 12927	\$94,500
Shaw,Robert B	Primary PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Technical Support for Agricultural Outlease Program at Fort Campbell, KY	3/1/02 - 10/31/02	8576 12927	\$34,254
Shaw,Robert B	Primary PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Technical Support for Agricultural Outlease Program at Fort Campbell, KY	3/1/02 - 1/31/03	8576 12927	\$10,593

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Shaw,Robert B Brozka,Robert J	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	US Army Garrison Hawaii G3/DPTM Wildland Fire Management Plan	1/23/02 - 5/31/03	8577 13042	\$121,500
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Integrated Asbestos & Lead Information Systems Study, Island of Oahu	3/1/02 - 2/28/03	8578 12796	\$71,237
Shaw,Robert B Zeidler,James A	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Phase I Inventory & Phase II Evaluation of Archaeological Sites on Ft McCoy, WI & Supported Installations	4/1/02 - 3/31/03	8579 13120	\$49,500
Shaw,Robert B Bagley,Calvin F	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Research Services to Assist in the Development of Habitat-Based Populations Studies of the Indiana Bat	1/16/01 - 7/1/03	8580 13148	\$48,315
Shaw,Robert B	Primary PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Floristic Survey of Camp Beauregard, Louisiana	3/1/02 - 3/31/04	8581 13263	\$117,360
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Floristic Survey of Camp Villere, Louisiana	3/1/02 - 3/31/04	8582 13264	\$72,000
Shaw,Robert B Zeidler,James A	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Fort Bragg Cultural Resources Support 2002	3/15/02 - 3/31/03	8583 13192	\$387,900
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	LCTA Data Collection at Fort Dix, NJ	4/1/02 - 9/30/02	8584 13261	\$23,164
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Integrated Training Area Management Program Support for US Army Hawaii	4/1/02 - 3/31/04	8585 13265	\$45,000
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Integrated Training Area Management Program Support for US Army Hawaii	6/1/02 - 5/31/04	8586 13266	\$333,000
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Botanical Surveys on the Keamuku Parcel, Island of Hawaii	3/1/02 - 12/31/02	8587 13276	\$105,767
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	ITAM Program Coordination Headquarters, US Army Pacific	3/1/02 - 6/30/04	8588 13275	\$135,000
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Develop & Implement an Ingegrated Asbestos & Lead Information System	5/1/02 - 6/30/03	8589 13262	\$64,722
Shaw,Robert B	Primary PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	ITAM Program Support for Fort Stewart, Georgia	4/26/02 - 11/25/02	8590 13325	\$141,799
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Integrated Training Area Management Program Support at Ft Hunter Liggett, CA	6/15/02 - 6/30/03	8591 13379	\$182,155

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Shaw,Robert B Brozka,Robert J	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Floristic Survey of Camp Minden, LA 3/25/02 - 3/31/04	8592 13445	\$119,151
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Integrated Training Area Management Program Support for Fort Polk, LA 5/1/02 - 9/30/04	8593 13551	\$337,500
Shaw,Robert B Bagley,Calvin F	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Geographic Information System Program Management Support for NGB 6/1/02 - 6/30/03	8594 13501	\$96,048
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Integrated Asbestos & Lead Information Systems for Family Housing in Hawaii 5/4/02 - 10/31/03	8595 902	\$64,435
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	LCTA Sampling & Report for Camp Blanding, Florida 5/1/02 - 6/30/03	8596 902	\$36,900
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Lake Restoration-Dredging at Fort McCoy 4/15/02 - 10/15/02	8597 902	\$13,500
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Forest Management Support at Fort Campbell Kentucky 5/1/02 - 11/30/03	8598 902	\$162,108
Shaw,Robert B	Primary PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Threatened & Endangered Species Management at Fort McCoy, Wisconsin 5/1/02 - 8/31/04	8599 902	\$27,900
Shaw,Robert B	Primary PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Environmental Conservation Technical Support Program for Fort Polk, Louisiana 1/1/02 - 9/30/04	8600 902	\$298,866
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Integrated Training Area Management Program Support for Aberdeen Proving Ground 5/1/02 - 6/30/03	8601 902	\$72,900
Shaw,Robert B Zeidler,James A	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Historic Sites Predictive Model & Rock Art Spatial Analysis at Fort Carson, CO 5/1/02 - 4/30/03	8602 902	\$56,520
Shaw,Robert B	Primary PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	LCTA & Report for Camps Beauregard, Minden, & Villere, Louisiana 6/1/02 - 3/31/03	8603 902	\$51,930
Shaw,Robert B Zeidler,James A	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Cultural Resources Support for Fort Bragg, North Carolina 8/1/02 - 3/30/03	8604 902	\$45,000
Shaw,Robert B Brozka,Robert J	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Plant Lamination for Camp Atterbury, Indiana 5/1/02 - 12/31/02	8605 902	\$990
Shaw,Robert B Bagley,Calvin F	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Vegetation Map for Camp Guensery Wyoming Army National Guard 5/1/02 - 5/1/03	8606 902	\$41,058
Shaw,Robert B Bagley,Calvin F	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	Program Management Support for NEPA for NGB 5/1/02 - 7/31/03	8607 902	\$104,760

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Shaw,Robert B Jones,David S	Primary PI Co-PI	CEMML USDA-USFS-Rocky Mtn. Rsrch Station - CO	LCTA Methodology Review & Protocol Development for 7th Army Training Command (Germany)	6/1/02 - 9/30/04	8611 902	\$80,820
Shaw,Robert B Bagley,Calvin F	Primary PI Co-PI	CEMML USDA - US Department of Agriculture	Digitizing Historical Land-Use/Land Coverage Maps of Puerto Rico	9/24/01 - 9/30/02	8799 12314	\$29,000
Warren,Steven D	Primary PI	CEMML Bechtel Corporation	Services to Schedule & Attend Meetings between Bechtel Nevada & United States Military Installations	6/18/01 - 10/31/02	3935 11807	\$12,000
Anderson,David R	Primary PI	Coop Fish & Wildlife Research Colorado Division of Wildlife	01/02 Evaluation of Grouse Habitat in Middle Park Exhibit E	7/1/01 - 6/30/02	0506	\$20,000
Anderson,David R	Primary PI	Coop Fish & Wildlife Research Colorado Division of Wildlife	01/02 Moffat County Grouse - Exhibit F	7/1/01 - 6/30/02	0507	\$40,000
Anderson,David R	Primary PI	Coop Fish & Wildlife Research Colorado Division of Wildlife	01/02 Seasonal Dispersal Patterns - Gunnison Sage Grouse - Exhibit G	7/1/01 - 6/30/02	0508	\$25,000
Anderson,David R	Primary PI	Coop Fish & Wildlife Research Colorado Division of Wildlife	01/02 Lynx - Exhibit H	7/1/01 - 6/30/02	0509	\$54,500
Anderson,David R Wilson,Kenneth R	Primary PI Co-PI	Coop Fish & Wildlife Research Colorado Division of Wildlife	01/02 Preble's Meadow Jumping Mouse - Exhibit I	7/1/01 - 6/30/02	0510	\$34,000
Anderson,David R	Primary PI	Coop Fish & Wildlife Research USDA-USFS-Pacific SW	Demography & Habitat Relationships of the California Spotted Owl on the Lassen National Forest	3/1/99 - 2/29/04	8789 991473	\$101,500
Bergersen,Eric P	Primary PI	Coop Fish & Wildlife Research Colorado Division of Wildlife	01/02 Aquatic Studies - Two River Whirling Disease Investigations - Exhibit C	7/1/01 - 6/30/02	0504	\$50,000
Bergersen,Eric P	Primary PI	Coop Fish & Wildlife Research Colorado Division of Wildlife	01/02 Tubifex Worm Investigations - Exhibit D	7/1/01 - 6/30/02	0505	\$20,000
Bergersen,Eric P	Primary PI	Coop Fish & Wildlife Research Colorado Division of Wildlife	01/02 Pike Spawning - Exhibit J	7/1/01 - 6/30/02	0511	\$50,000
Bergersen,Eric P	Primary PI	Coop Fish & Wildlife Research Colorado Division of Wildlife	01/02 Zimmerman Lake Greenback - Exhibit E	7/1/01 - 6/30/02	0512	\$55,000
Bergersen,Eric P	Primary PI	Coop Fish & Wildlife Research Montana State University	The Effect of Chemical & Biological Control of Tubifex on the Incidence of Whirling Disease in Colorado...	5/1/01 - 9/30/02	1618 1550	\$15,390

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Bergersen, Eric P	Primary PI Coop Fish & Wildlife Research DOI-USGS-Geological Survey	The Ecology of Fishes in McKittrick Creek, Guadalupe Mountains National Park, Texas	8/27/99 - 2/15/02	2917 992505	\$1,100
Bergersen, Eric P	Primary PI Coop Fish & Wildlife Research DOI-USGS-Geological Survey	Development & Evaluation of Fishery Management Options for the Control of Salmonid Whirling Disease	2/21/01 - 12/31/04	2924 10839	\$15,000
Bergersen, Eric P	Primary PI Coop Fish & Wildlife Research DOI-USGS-Geological Survey	Fish Losses Associated With Irrigation Diversion On the Wind River Indian Reservation, Wyoming	4/18/02 - 6/30/05	2926 13236	\$48,248
Covich, Alan P	Primary PI Coop Fish & Wildlife Research DOI-USGS-Geological Survey	Distributions & Habitat Preferences of Langostino Macrobrachium carinus, in Puerto Rican Streams: Effects of Elevation	4/18/02 - 6/30/05	2892 13191	\$26,250
Franklin, Alan B	Primary PI Coop Fish & Wildlife Research University of Minnesota	Population Ecology of Northern Spotted Owls in Northwest California	4/8/02 - 3/31/03	1392 13408	\$31,172
Franklin, Alan B	Primary PI Coop Fish & Wildlife Research University of Minnesota	Population Ecology of Northern Spotted Owls in Northwest California	4/8/02 - 3/31/03	1392 13408	\$8,819
Kennedy, Patricia L	Primary PI Coop Fish & Wildlife Research DOI-USGS-Research and Data Acquisition	Evaluation of the Raptor Electrocution Mitigation Strategy Implemented by Moon Lake Electric Association at the ...	7/5/00 - 12/31/03	1712 401	\$79,700
Savidge, Julie	Primary PI Coop Fish & Wildlife Research DOI-USGS-Geological Survey	Population Demography of Lark Buntings	9/4/01 - 9/30/04	2844 11995	\$42,272
Savidge, Julie	Primary PI Coop Fish & Wildlife Research DOI-USGS-Geological Survey	Population Demography of Lark Buntings	9/4/01 - 9/30/04	2844 11995	\$14,010
Savidge, Julie	Primary PI Coop Fish & Wildlife Research DOI-USGS-Research and Data Acquisition	Biology & Control of Brown Treesnakes	8/21/00 - 10/1/05	2882 2561	\$277,277
White, Gary C	Primary PI Coop Fish & Wildlife Research DOI-USGS-Geological Survey	Distribution & Abundance of Bighorn Sheep in Rocky Mountain National Park	9/4/01 - 9/30/04	2803 11906	\$141,733
White, Gary C	Primary PI Coop Fish & Wildlife Research DOI-USGS-Geological Survey	Distribution & Abundance of Bighorn Sheep in Rocky Mountain National Park	9/4/01 - 9/30/04	2803 11906	\$32,000
Cooper, David Jonathan	Primary PI Earth Resources DOI-NPS-National Park Service	Restoration of Drakes Bad Meadow, Lassen Volcanic Park, CA	5/1/01 - 5/13/04	1857	\$1,208
Cooper, David Jonathan	Primary PI Earth Resources DOI-NPS-National Park Service	Restoration of Drakesbad Meadow, Lassen Volcanic National Park, California	5/1/01 - 5/13/04	1857	\$25,000

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Cooper,David Jonathan	Primary PI	Earth Resources DOI-Bureau of Reclamation	Riparian Vegetation Studies on the Green & Yampa Rivers 5/1/98 - 5/31/03	2902	\$42,575
Cooper,David Jonathan	Primary PI	Earth Resources DOI-Bureau of Reclamation	Tamarisk Removal & Riparian Restoration Along Reaches of the Green River, Colorado 6/25/98 - 10/31/03	2913	\$27,705
Cooper,David Jonathan	Primary PI	Earth Resources DOI-USGS-Geological Survey	Beaver Effects on Riparian Landscape Structure & Function: Hydrology, Geomorphology, & Vegetation Patch Dynamics 5/15/02 - 5/14/03	2932 13545	\$35,110
Ethridge, Frank G Sutton, Sally	Primary PI Co-PI	Earth Resources Texaco, Inc.	Hydrocarbon Seal Development & Sequence Stratigraphy 1/1/00 - 8/30/03	6037	\$30,000
Hannah, Judith L	Primary PI	Earth Resources DOI-NPS-National Park Service	Establishment of Baseline Water Quality Conditions in the National Park Service 10/1/93 - 9/30/02	1730	\$100,000
Hannah, Judith L	Primary PI	Earth Resources DOI-NPS-National Park Service	Development of Environmental Contaminant Encyclopedia 8/27/93 - 9/30/02	1731	\$73,318
Hannah, Judith L Laituri, Melinda J	Primary PI Co-PI	Earth Resources DOI-NPS-National Park Service	Inventory & Monitoring Natural Resource Status & Trends in the National Park Systems 7/1/99 - 9/30/03	2820	\$199,000
Hannah, Judith L Stein, Holly J	Primary PI Co-PI	Earth Resources NSF - National Science Foundation	Re-Os Systematics in Proterozoic Anorthosite Complexes 8/1/01 - 7/31/03	3298 10708	\$98,943
Hannah, Judith L Stein, Holly J	Primary PI Co-PI	Earth Resources NSF - National Science Foundation	Re-Os Systematics in Proterozoic Anorthosite Complexes 8/1/01 - 7/31/03	3298 10708	\$96,052
Laituri, Melinda J	Primary PI	Earth Resources USDA-USFS-Rocky Mtn. Rsrch Station - CO	Snowmelt Runoff & Soil Moisture Recharge at the Fraser Experimental Forest 12/6/01 - 12/31/02	8800	\$17,842
Macdonald, Lee H	Primary PI	Earth Resources USDA-USFS-Forest Research	Monitoring Runoff & Erosion in the Upper South Platte Restoration 9/21/01 - 9/30/05	8786 12218	\$43,982
Macdonald, Lee H	Primary PI	Earth Resources USDA-USFS-Pacific SW	Fire, Runoff, & Erosion in Forested Areas: Prediction & Validation 7/1/99 - 6/30/03	8826 992267	\$19,500
Macdonald, Lee H	Primary PI	Earth Resources USDA-USFS-Pacific SW	Fire, Runoff, and Erosion in Forested Areas: Prediction and Validation 7/1/99 - 6/30/03	8826 992267	\$44,248
Macdonald, Lee H	Primary PI	Earth Resources USDA-USFS-Pacific SW	Sediment Production from Forested Areas in the Central Sierra Nevada 1/1/01 - 12/31/02	8869 10696	\$35,398
Smith, Freeman M	Primary PI	Earth Resources USDA-NRCS-Natural Resources Consvtn Srv	Fort Bend & Beaver/Badger Watershed Plans 11/2/00 - 9/30/02	2062	\$1,000

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Smith,Freeman M	Primary PI	Earth Resources USDA-USFS-Rocky Mtn. Rsrch Station - CO	Mapping Snow Properties: A Multi-Scale Approach 4/22/02 - 12/31/03	8832 13345	\$17,832
Stednick,John D	Primary PI	Earth Resources DOI-NPS-National Park Service	The Effects of Prescribed Burning on Stream Water Chemistry at Different Spatial & Temporal Scales, Sequoia & Kings .. 8/20/01 - 10/1/01	1809	\$1,505
Stednick,John D	Primary PI	Earth Resources	Effects of Surface & Groundwater Interactions on Sodium Adsorption Ratios in Coaled Methane 8/1/02 - 9/30/04	5824 12720	\$84,600
Sanford,William E	Co-PI	EPA - Environmental Protection Agency			
Stein,Holly J	Primary PI	Earth Resources	187Re-187Os Calibration of Molybdenite from Henderson, Colorado: A New NIST Reference 9/15/01 - 8/31/02	3224 10953	\$70,000
Hannah,Judith L	Co-PI	NSF - National Science Foundation			
Markey,Richard J	Co-PI		Material		
Wohl,Ellen E	Primary PI	Earth Resources DOI-NPS-National Park Service	Descriptive Study: Black Canyon of the Gunnison 3/1/01 - 9/30/01	1831	\$3,496
Wohl,Ellen E	Primary PI	Earth Resources **	Wetland, Aquatic & Riparian Protocols 7/20/01 - 5/31/02	2206	\$68,425
Cooper,David Jonathan	Co-PI	University of Wyoming			
Poff,N. Leroy	Co-PI				
Wohl,Ellen E	Primary PI	Earth Resources DOD-ARMY-ARO-Army Research Office	Characterization Channel Disturbance Regimes in Hydroclimatically Extreme Regions 8/1/00 - 7/31/03	7292 992169	\$50,000
Andelt,William F	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	Damage Control Extension - Andelt 7/1/01 - 6/30/02	0514	\$40,000
Andelt,William F	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	Cooperative Extension Education, Status of Gunnison's Prairie Dogs 7/1/02 - 6/30/03	0561	\$12,500
Andelt,William F	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	Cooperative Extension Education, Status of Gunnison's Prairie Dogs 7/1/02 - 6/30/03	0562	\$61,450
Anderson,David G	Primary PI	Fish & Wildlife Biology DOI-NPS-National Park Service	Population Status Survey of Schmoll Milkvetch 5/1/01 - 4/30/04	1822	\$14,945
Anderson,David G	Primary PI	Fish & Wildlife Biology DOD-USAF-Air Force	Noxious Weed Inventory 9/14/01 - 9/13/02	7327 11189	\$45,143
Anderson,David G	Primary PI	Fish & Wildlife Biology	Region 2 Species Assessments- Botrychium 11/29/01 - 1/1/03	8889 12290	\$7,593
Drummond Iii,Boyce A	Co-PI	USDA-USFS-Forest Research	campestre		
Anderson,David G	Primary PI	Fish & Wildlife Biology	Region 2 Species Assessments- Botrychium echo 11/29/01 - 1/1/03	8890 12290	\$7,593
Drummond Iii,Boyce A	Co-PI	USDA-USFS-Forest Research			
Anderson,David G	Primary PI	Fish & Wildlife Biology	Region 2 Species Assessments- Botrychium 11/29/01 - 1/1/03	8891 12290	\$7,593
Drummond Iii,Boyce A	Co-PI	USDA-USFS-Forest Research	hesperium		

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Anderson,David G Drummond Iii,Boyce A	Primary PI Co-PI	Fish & Wildlife Biology USDA-USFS-Forest Research	Region 2 Species Assessments- Potentilla effusa var. rupincola	11/29/01 - 1/1/03	8892 12290	\$7,593
Anderson,David G Drummond Iii,Boyce A	Primary PI Co-PI	Fish & Wildlife Biology USDA-USFS-Forest Research	Region 2 Species Assessments- Eriogonum coloradensis	11/29/01 - 1/1/03	8893 12290	\$7,593
Anderson,David G Drummond Iii,Boyce A	Primary PI Co-PI	Fish & Wildlife Biology USDA-USFS-Forest Research	Region 2 Species Assessments- Cirsium perplexans	11/29/01 - 1/1/03	8894 12290	\$7,593
Anderson,David G Drummond Iii,Boyce A	Primary PI Co-PI	Fish & Wildlife Biology USDA-USFS-Forest Research	Region 2 Species Assessments- Neoparrya lithophila	11/29/01 - 1/1/03	8895 12290	\$7,593
Anderson,David G Drummond Iii,Boyce A	Primary PI Co-PI	Fish & Wildlife Biology USDA-USFS-Forest Research	Region 2 Species Assessments- Gilia sedifolia	11/29/01 - 1/1/03	8896 12290	\$6,518
Anderson,David G Drummond Iii,Boyce A	Primary PI Co-PI	Fish & Wildlife Biology USDA-USFS-Forest Research	Region 2 Species Assessments- Thelypodopsis juniperorum	11/29/01 - 1/1/03	8897 12290	\$6,518
Benson,Delwin E	Primary PI	Fish & Wildlife Biology Blue Valley Ranch	Blue Valley Ranch	9/21/99 - 5/31/02	5304	\$15,000
Bestgen,Kevin R	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	West Slope Native Fishes Status & Trends Assessment	4/19/01 - 6/30/03	0476 10797	\$23,000
Bestgen,Kevin R	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	West Slope Native Fishes Status & Trends Assessment	4/19/01 - 6/30/03	0476 10797	\$13,000
Bestgen,Kevin R	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	Rio Grande Chub Limiting Factors Research & Genetic Assessment (segment II, ecology)	4/19/01 - 6/30/03	0478 10797	\$10,500
Bestgen,Kevin R	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	Rio Grande Chub Limiting Factors Research & Genetic Assessment (segment II, ecology)	4/19/01 - 6/30/03	0478 10797	\$20,999
Bestgen,Kevin R	Primary PI	Fish & Wildlife Biology DOI-Bureau of Reclamation	Key to Larval Native Fishes	2/11/02 - 2/28/04	2818 10547	\$139,067
Bestgen,Kevin R Hawkins,John A	Primary PI Co-PI	Fish & Wildlife Biology DOI-Bureau of Reclamation	Abundance Estimates for Colorado Pikeminnow in the Middle Green & Yampa River Systems	10/1/01 - 9/30/06	4118 13426	\$60,000
Bestgen,Kevin R	Primary PI	Fish & Wildlife Biology DOI-Bureau of Reclamation	Interagency Standardized Monitoring Program Assessment of Endangered Fish Reproduction in Relation to Flaming	10/1/01 - 9/30/06	4120 13424	\$58,000
Bestgen,Kevin R	Primary PI	Fish & Wildlife Biology DOI-Bureau of Reclamation	Evaluation of Larval Razorback Sucker Drift into Flood Plain Wetlands Following Reconfiguration of Levee Breeches	10/1/01 - 9/30/06	4121 13431	\$6,500

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Bestgen, Kevin R	Primary PI	Fish & Wildlife Biology DOI-Bureau of Reclamation	Verification of Stocked Razorback Sucker Reproduction in the Gunnison River via Annual Collections of Larvae	10/1/01 - 9/30/06	4122 13428	\$10,000
Bestgen, Kevin R	Primary PI	Fish & Wildlife Biology DOI-Bureau of Reclamation	Population Estimates of Colorado Pikeminnow in the Lower Green River	10/1/01 - 9/30/06	4123 13427	\$14,500
Bestgen, Kevin R	Primary PI	Fish & Wildlife Biology DOI-Bureau of Reclamation	Effects of Flaming Gorge dam Releases on Lodore/ Whirlpool Canyon Fish Community	10/1/01 - 9/30/06	4127 13430	\$46,100
Bestgen, Kevin R	Primary PI	Fish & Wildlife Biology DOI-Bureau of Reclamation	Removal & Control of Nonnative Fishes in Colorado & Gunnison River Floodplain Source Ponds	10/1/01 - 9/30/06	4128 13429	\$46,000
Beyers, Daniel W	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	Investigation of Environmental Factors Limiting Suckermouth Minnow Populations	4/19/01 - 6/30/03	0480 10797	\$27,500
Beyers, Daniel W	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	Investigation of Environmental Factors Limiting Suckermouth Minnow Populations	4/19/01 - 6/30/03	0480 10797	\$57,750
Beyers, Daniel W Bestgen, Kevin R	Primary PI Co-PI	Fish & Wildlife Biology DOI-Bureau of Reclamation	Evaluation of effects of stage fluctuations induced by hydropower operations on overwinter survival	10/1/01 - 9/30/06	4115	\$11,400
Black, Anne E	Primary PI	Fish & Wildlife Biology Colorado Department of Transportation	Spatial Maximization of Prebles Meadow Jumping Mouse Habitat	11/30/01 - 3/1/02	0538 11647	\$4,828
Black, Anne E	Primary PI	Fish & Wildlife Biology DOI-BLM-Bureau of Land Management	Sagebrush Mapping Project	9/1/01 - 2/1/02	1852 12246	\$25,000
Clements, William H	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	Arkansas River Water Quality	2/28/02 - 6/30/02	0547 13324	\$10,000
Clements, William H	Primary PI	Fish & Wildlife Biology DOI-USGS-Research and Data Acquisition	Integration of Geological & Ecological Indicators for Assessment of Impacts on Stream & Riparian...	10/1/99 - 9/30/02	2813	\$3,478
Clements, William H	Primary PI	Fish & Wildlife Biology Wright State University	A Diagnostic Approach for Identifying Biological Impairment & Dominant Stressors	1/28/02 - 1/27/05	5310 11610	\$106,833
Clements, William H Shackelford, Charles D	Primary PI Co-PI	Fish & Wildlife Biology EPA - Environmental Protection Agency	Evaluating Recovery of Stream Ecosystems from Mining Pollution: Integrating Population, Community & Ecosystem	11/1/01 - 10/31/06	5832 11601	\$150,289
Clements, William H	Primary PI	Fish & Wildlife Biology USDA-USFS-Forest Research	Monitoring Ecological & Physico-chemical Effects of the Cerro Grande Fire	10/24/01 - 9/30/02	8794 12349	\$50,000

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Covich,Alan P	Primary PI	Fish & Wildlife Biology University of Puerto Rico	Long-Term Ecological Research - Luquillo Experimental Forest 11/1/01 - 10/31/02	3455	\$27,000
Culver,Denise R	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	Duck Stamp Program Report 9/12/01 - 10/12/01	0497 11204	\$10,000
Culver,Denise R	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	Survey of Critical Wetlands & Riparian Areas in Mesa County 7/20/01 - 6/30/02	0519 11620	\$55,000
Culver,Denise R	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	Wetland Project Design to the State for Wetland Conservation & Protection 7/20/01 - 6/30/02	0525 11561	\$40,000
Culver,Denise R	Primary PI	Fish & Wildlife Biology Colorado Department of Natural Resources	Natural Heritage Inventory & Assessment of Wetlands in Gunnison County 10/17/01 - 12/31/02	0532 10027	\$79,000
Culver,Denise R	Primary PI	Fish & Wildlife Biology Colorado Department of Natural Resources	Comprehensive Statewide Wetlands Classification & Characterization 10/17/01 - 12/31/02	0533 10029	\$87,358
Culver,Denise R	Primary PI	Fish & Wildlife Biology DOI-BLM-Bureau of Land Management	Wetland/Seep/Spring/Biological Inventories in Several Colorado Counties 4/1/01 - 9/30/01	1745 10050	\$15,000
Culver,Denise R	Primary PI	Fish & Wildlife Biology DOI-BLM-Bureau of Land Management	Mesa County Seeps & Springs Survey 8/30/01 - 12/31/01	1750 12065	\$2,500
Culver,Denise R	Primary PI	Fish & Wildlife Biology DOI-BLM-Bureau of Land Management	Roan Creek Seeps & Springs Survey 9/28/01 - 9/30/02	1889 12155	\$5,000
Culver,Denise R	Primary PI	Fish & Wildlife Biology DOI-BLM-Bureau of Land Management	Mesa County Seeps & Springs Survey - Phase 2 9/28/01 - 9/30/02	1893 12154	\$5,500
Culver,Denise R	Primary PI	Fish & Wildlife Biology DOI-BLM-Bureau of Land Management	Gunnison County Seeps & Springs Inventory 5/20/02 - 9/30/02	2930 13640	\$10,000
Culver,Denise R	Primary PI	Fish & Wildlife Biology DOI-BLM-Bureau of Land Management	Bureau Land Management Training on Wetland/Riparia Classification - Canon City Field Office 5/20/02 - 9/30/02	2931 13583	\$1,293
Culver,Denise R	Primary PI	Fish & Wildlife Biology DOI-BLM-Bureau of Land Management	San Juan County Survey of Critical Biological Resources 6/13/02 - 9/30/03	2934 13526	\$12,999
Douglas,Marlis R	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	Yampa River Native Sucker Hybridization Assessment 4/19/01 - 6/30/02	0477 10797	\$55,020
Douglas,Marlis R	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	Rio Grande Chub Genetic Assessment/Limiting Factors Research 4/19/01 - 6/30/03	0479 10797	\$28,488

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Douglas,Marlis R	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	Rio Grande Chub Genetic Assessment/Limiting Factors Research 4/19/01 - 6/30/03	0479 10797	\$4,222
Douglas,Marlis R	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	Suckermouth Minnow Genetic Assessment 4/19/01 - 6/30/02	0481 10797	\$10,097
Doyle,Georgia A	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	Duck Stamp Report--Extension 12/15/01 - 6/30/02	0541 12676	\$2,037
Doyle,Georgia A	Primary PI	Fish & Wildlife Biology El Paso County Parks	El Paso County Biological Inventory & Assessment 3/15/00 - 6/30/02	5565 244	\$10,000
Drummond Iii,Boyce A	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	Natural Diversity Information Source (NDIS) Website Task Order - Fiscal Year 2002 7/1/01 - 6/30/02	0517 11884	\$58,161
Stevens,Joseph E	Primary PI	Fish & Wildlife Biology The Nature Conservancy	COFO FY01 Support Agreement 7/1/00 - 6/30/02	5604 2657	\$25,000
Stevens,Joseph E	Primary PI	Fish & Wildlife Biology The Nature Conservancy	COFO FY01 Support Agreement 7/1/00 - 6/30/02	5604 2657	\$1,300
Fausch,Kurt D	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	Effects of Brook Trout on Colorado River Cutthroat Trout 7/1/99 - 6/30/02	0455	\$36,000
Fausch,Kurt D	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	Distribution, Habitat & Life History of Brassy Minnow in Eastern Colorado 5/17/99 - 12/31/01	0457	\$12,500
Fausch,Kurt D	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	Tools to Increase Translocation Success in Colorado River Cutthroat Trout 5/24/02 - 6/30/05	0555 13316	\$2,110
Fausch,Kurt D	Primary PI	Fish & Wildlife Biology DOI-Bureau of Reclamation	Research for Mitigation for Lost Production of Naturally Reproducing Salmonids in the Sacramento River 1/1/00 - 12/31/02	1708 844	\$67,596
Fausch,Kurt D	Primary PI	Fish & Wildlife Biology NSF - National Science Foundation	Do Riparian Habitat Disturbances That Alter Cross-habitat Resource Subsidies Magnify Effects of Nonnative Fish ... 9/1/01 - 10/31/04	3012 10796	\$301,213
Gionfriddo,James P	Primary PI	Fish & Wildlife Biology DOI-USFWS-Fish & Wildlife Service	A Proposal to Monitor Small Mammals at the Pueblo Chemical Depot 7/2/01 - 7/1/02	4112 2353	\$92,915
Grunau,Lee	Primary PI	Fish & Wildlife Biology Colorado Department of Transportation	Shortgrass Prairie Initiative Supplement - Phase V 7/1/02 - 6/30/03	0563 13527	\$48,000
Grunau,Lee	Primary PI	Fish & Wildlife Biology USDA-USFS-Rocky Mtn. Rsrch Station - CO	Region 2 FY02 11/1/01 - 9/30/02	8825 12343	\$24,982

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Hawkins,John A Bestgen,Kevin R	Primary PI Co-PI	Fish & Wildlife Biology DOI-Bureau of Reclamation	Yampa River Nonnative Fish Control: Translocation of Northern Pike from the Yampa River	10/1/01 - 9/30/06	4130 13422	\$63,500
Johnson,Brett Michael	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	Stable Isotopes & Statistics	2/14/02 - 6/30/04	0544 13250	\$13,200
Johnson,Brett Michael	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	Stable Isotopes & Statistics	2/14/02 - 6/30/04	0544 13250	\$14,200
Johnson,Brett Michael	Primary PI	Fish & Wildlife Biology DOI-Bureau of Reclamation	Ecological Effects of Reservoir Operations on Blue Mesa Reservoir	4/22/93 - 9/30/04	2842	\$50,000
Johnson,Brett Michael	Primary PI	Fish & Wildlife Biology DOI-Bureau of Reclamation	Ecological Effects of Reservoir Operations on Blue Mesa Reservoir	4/22/93 - 9/30/04	2842	\$26,885
Knight,Richard L	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	Wildlife & Wildlife Viewing Along the Yampa River	9/1/99 - 12/31/01	0454	\$3,262
Knight,Richard L	Primary PI	Fish & Wildlife Biology USDA-USFS-Forest Research	Snag Study Two	4/16/02 - 9/30/02	8836 13220	\$40,769
Lambert,Bradley A	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	Statewide Boreal Toad Surveys & Monitoring	7/20/01 - 6/30/03	0520 11834	\$74,422
Lambert,Bradley A	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	Statewide Boreal Toad Surveys & Monitoring	7/20/01 - 6/30/03	0520 11834	\$65,604
Lavender,Amy E	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	Aquatic GIS Program Manager Task Order Fiscal Year 02	7/18/01 - 6/30/03	0522 11885	\$44,619
Lavender,Amy E	Primary PI	Fish & Wildlife Biology DOI-BLM-Bureau of Land Management	Lynx Habitat Mapping Project Update FY 2002	9/15/01 - 9/30/02	1782 12267	\$25,000
Lavender,Amy E	Primary PI	Fish & Wildlife Biology University of Colorado	Conservation Biology Mapping Project	11/1/00 - 12/31/02	5259 11051	\$6,635
Loar,Alison M	Primary PI	Fish & Wildlife Biology Association for Biodiversity Information	Noise Sensitive Species Project	11/30/01 - 8/31/02	2620 11360	\$9,979
Lyon,Margarette J	Primary PI	Fish & Wildlife Biology NatureServe	Sagebrush Classification Mapping	1/16/02 - 2/28/02	1604 11116	\$2,957
Lyon,Margarette J	Primary PI	Fish & Wildlife Biology DOI-BLM-Bureau of Land Management	Rare Plant Survey of Webster Geographic Area Plan	6/13/02 - 11/30/02	2935 13529	\$8,900

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Lyon,Margarette J	Primary PI	Fish & Wildlife Biology Ridgway Town Council	Analysis of Current Vegetation & Revegetation Plan for the Uncompahgre River 10/9/01 - 1/31/02	5180 12499	\$5,045
Lyon,Margarette J	Primary PI	Fish & Wildlife Biology San Juan County Colorado	San Juan County Biological Assessment 5/15/02 - 8/13/03	5323 12979	\$43,000
Lyon,Margarette J	Primary PI	Fish & Wildlife Biology USDA-USFS-Forest Research	Rare Plant Survey of San Juan National Forest, Archuleta County, Colorado 6/7/01 - 9/30/03	8877 11359	\$20,000
Melcher,Cynthia P	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	Conservation Prioritization Ranking for COVERS 7/1/01 - 10/31/01	0515 10598	\$16,499
Myrick,Christopher A	Primary PI	Fish & Wildlife Biology DOI-NPS-National Park Service	A Field & Theoretical Evaluation of a Waterfall- Type Barrier to the Upstream Movement of Brook Charr in Rocky ... 6/1/02 - 8/30/03	2929 12661	\$14,940
Myrick,Christopher A	Primary PI	Fish & Wildlife Biology USDA-USFS-Forest Research	Modeling the Effectiveness of Waterfall-Type Barriers to Upstream Movement of Brook Charr 9/13/01 - 12/31/02	8733 12097	\$10,000
Noon,Barry R	Primary PI	Fish & Wildlife Biology USDA-USFS-Rocky Mtn. Rsrch Station - CO	Landscape Level Assessment of Wildland Fires, Rare Species & Exotic Plants: Implications for Fuel Management & Fire ... 8/15/01 - 9/30/04	8885 12119	\$100,000
Noon,Barry R	Primary PI	Fish & Wildlife Biology USDA-USFS-Rocky Mtn. Rsrch Station - CO	Landscape Level Assessment of Wildland Fires, Rare Species & Exotic Plants: Implications for Fuel Management & Fire ... 8/15/01 - 9/30/04	8885 12119	\$102,000
Robinette,H. Randall	Primary PI	Fish & Wildlife Biology USDA-NRCS-Natural Resources Consvtn Srv	Understanding the Landscape Course 8/15/01 - 9/30/02	2053 11886	\$60,000
Robinette,H. Randall	Primary PI	Fish & Wildlife Biology USDA-NRCS-Natural Resources Consvtn Srv	Wildlife Habitat Management Institute 12/1/97 - 9/30/02	2123	\$22,000
Robinette,H. Randall	Primary PI	Fish & Wildlife Biology USDA-NRCS-Natural Resources Consvtn Srv	Wildlife Habitat Management Institute 12/1/97 - 9/30/02	2123	\$32,000
Rondeau,Renee	Primary PI	Fish & Wildlife Biology The Nature Conservancy	Utah High Plateaus Ecoregion Planning 10/1/01 - 6/30/02	2223 12342	\$22,000
Rondeau,Renee	Primary PI	Fish & Wildlife Biology DOD - US Department of Defense	Monitor Vegetation at the Pueblo Chemical Depot 7/21/00 - 7/20/03	2443 625	\$47,919
Rondeau,Renee	Primary PI	Fish & Wildlife Biology DOD - US Department of Defense	Monitor Vegetation at the Pueblo Chemical Depot 7/21/00 - 7/20/02	2443 625	\$42,604
Savidge,Julie	Primary PI	Fish & Wildlife Biology DOI-USGS-Geological Survey	Landscape-scale Fire Patterns in the Ponderosa Pine/Upland Shrub System 8/15/01 - 8/14/02	1789 11866	\$6,434

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Savidge,Julie	Primary PI	Fish & Wildlife Biology DOI-USGS-Geological Survey	Landscape-scale Fire Patterns in the Ponderosa Pine/Upland Shrub System 8/15/01 - 8/14/02	1789 11866	\$1,526
Savidge,Julie	Primary PI	Fish & Wildlife Biology DOI-NPS-National Park Service	Fire Patterns in the Ponderosa Pine/Upland Shrub System 8/1/01 - 9/30/05	1856 12069	\$29,159
Savidge,Julie	Primary PI	Fish & Wildlife Biology USDA-APHIS-Animal Damage Control	Brown Tree Snake Research 8/30/02	2031 12332	\$20,000
Wimsatt,Jeffrey H	Primary PI	Fish & Wildlife Biology USDA-APHIS-Animal Plant Health Insp Srvc	Postdoctoral Position in Reptile Reproduction 8/1/99 - 7/31/02	2181 991682	\$40,780
Schorr,Robert	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	Preble's Meadow Jumping Mouse Surveys in Elbert County, Colorado 8/27/01 - 6/30/02	0498 11898	\$39,960
Schorr,Robert	Primary PI	Fish & Wildlife Biology DOI-BLM-Bureau of Land Management	Black-tailed Prairie Dog Surveys in Pueblo County 9/28/01 - 9/30/02	1888 12286	\$10,000
Schorr,Robert	Primary PI	Fish & Wildlife Biology DOD-USAF-Air Force	Preble's Meadow Jumping Mouse Studies on the U.S. Air Force Academy 10/1/01 - 9/30/02	2318 1042	\$36,165
Schorr,Robert	Primary PI	Fish & Wildlife Biology DOD - US Department of Defense	Study of Fire Effects to Preble's Meadow Jumping Mouse (<i>Zapus hudsonius preblei</i>) Habitat & Populations on the ... 9/30/01 - 9/30/02	2326 11522	\$63,903
Schorr,Robert	Primary PI	Fish & Wildlife Biology USDA-USFS-Forest Research	Preble's Mouse Surveys in Trout Creek 7/1/01 - 6/30/02	8878 11899	\$5,000
Siemers,Jeremy	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	Cave Inventory of Colorado 7/18/01 - 6/30/02	0521 11296	\$55,422
Siemers,Jeremy	Primary PI	Fish & Wildlife Biology USDA-USFS-Forest Research	Arapaho-Roosevelt National Forest Management Indicator Species Evaluation 9/11/01 - 9/30/02	8787 12205	\$21,000
Siemers,Jeremy	Primary PI	Fish & Wildlife Biology USDA-USFS-Forest Research	Boreal Toad Surveys Throughout Colorado 5/26/99 - 5/25/04	8817 991564	\$15,000
Snyder,Darrel E Bestgen,Kevin R	Primary PI Co-PI	Fish & Wildlife Biology DOI-Bureau of Reclamation	Identification & Curation of Larval Fish by Colorado State University Larval Fish Laboratory 10/1/01 - 9/30/06	4117 13423	\$41,400
Schorr,Robert	Primary PI	Fish & Wildlife Biology DOI-BLM-Bureau of Land Management	Black-tailed Prairie Dog Surveys in Pueblo County 9/28/01 - 9/30/02	1888 12286	\$15,000
Sovell,John R	Primary PI	Fish & Wildlife Biology DOD - US Department of Defense	Monitor Grasshopper (Orthoptera: Acrididae) Communities at the Pueblo Chemical Depot 7/21/00 - 7/20/03	2422 2245	\$55,162

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Sovell,John R	Primary PI	Fish & Wildlife Biology DOD - US Department of Defense	Monitor Grasshopper (Orthoptera: Acridadae) Communities at the Pueblo Chemical Depot 7/21/00 - 7/20/02	2422 2245	\$52,958
Sovell,John R	Primary PI	Fish & Wildlife Biology Southwest Land Alliance	Upper San Juan Basin Biological Assessment 2/15/02 - 6/1/03	5364 12984	\$40,100
Spackman,Susan	Primary PI	Fish & Wildlife Biology Colorado Department of Transportation	Noxious Weed Mapping Project, Year 2 7/1/01 - 6/30/02	0516 11449	\$80,891
Spackman,Susan	Primary PI	Fish & Wildlife Biology Colorado Department of Transportation	Noxious Weed Mapping Year 3 7/1/02 - 6/30/03	0557 13509	\$76,380
Spackman,Susan	Primary PI	Fish & Wildlife Biology National Fish and Wildlife Foundation	Upper Arkansas River Rare Plants & Pollinators 4/1/01 - 11/30/02	1619 10083	\$24,000
Spackman,Susan	Primary PI	Fish & Wildlife Biology DOI-BLM-Bureau of Land Management	Florence Rare Plant Inventory 7/11/01 - 5/1/02	1709 11949	\$1,700
Spackman,Susan	Primary PI	Fish & Wildlife Biology DOI-NPS-National Park Service	Florissant & Great Sand Dunes National Monuments Vascular Plant Inventories 8/1/01 - 12/31/02	1863 12171	\$34,562
Spackman,Susan Handwerk,Jill E	Primary PI Co-PI	Fish & Wildlife Biology DOI-BLM-Bureau of Land Management	Roan Plateau Data Processing 5/1/02 - 7/30/02	2927 13029	\$3,500
Spackman,Susan	Primary PI	Fish & Wildlife Biology Pueblo County, Colorado	Pueblo County Inventory of Critical Biological Resources 8/21/01 - 12/31/01	5129 117	\$10,000
Spackman,Susan	Primary PI	Fish & Wildlife Biology Pueblo County, Colorado	Pueblo County Inventory of Critical Biological Resources 8/21/01 - 5/31/03	5129 117	\$41,500
Stevens,Joseph E	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	2001 Basinwide Field Verification Proposal, FY01 Project Phase: Upper Yampa, Upper White, & Little Snake Rivers 5/4/01 - 11/30/01	0489 11009	\$121,590
Stevens,Joseph E	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	Aquatic GIS Program Technician - Fiscal Year 2002 9/14/01 - 2/28/02	0530 12199	\$20,750
Stevens,Joseph E	Primary PI	Fish & Wildlife Biology NatureServe	Northern Colorado Plateau Ecoregional Planning 4/1/02 - 6/30/02	1605 13452	\$9,326
Stevens,Joseph E	Primary PI	Fish & Wildlife Biology DOI-BLM-Bureau of Land Management	Data Development & Delivery 10/1/01 - 9/30/02	1783 12204	\$11,000
Stevens,Joseph E	Primary PI	Fish & Wildlife Biology DOI-NPS-National Park Service	Vegetation Classification & Mapping of Rocky Mountain National Park 8/1/01 - 5/1/04	1882 12235	\$125,109

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Stevens,Joseph E	Primary PI	Fish & Wildlife Biology DOI-NPS-National Park Service	Vegetation Classification & Mapping of Rocky Mountain National Park 8/1/01 - 5/1/04	1882 12235	\$114,000
Stevens,Joseph E	Primary PI	Fish & Wildlife Biology DOI-NPS-National Park Service	Biological Inventory of Bent's Old Fort National Historical Site of the Southern Plains Network 6/1/01 - 5/31/02	1897 1858	\$3,245
Stevens,Joseph E	Primary PI	Fish & Wildlife Biology DOD-USAF-Air Force	Preble's Meadow Jumping Mouse Habitat Mitigation Monitoring 10/1/01 - 9/30/02	2321 11676	\$37,343
Stevens,Joseph E	Primary PI	Fish & Wildlife Biology DOI-NPS-National Park Service	Vegetation Classification & Mapping Assistance at Black Canyon & Curecanti 7/6/01 - 7/20/01	4114 11945	\$2,248
Stevens,Joseph E	Primary PI	Fish & Wildlife Biology Colorado State Parks/CO Natural Areas Pg	Colorado Natural Areas Program Ecology Technician 8/1/00 - 7/31/02	5171 1863	\$114,854
White,Gary C	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	Biometrical Consulting Services 7/1/01 - 6/30/02	0513	\$131,000
White,Gary C	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	Biometrical Consulting Services 7/1/02 - 6/30/03	0559	\$9,000
White,Gary C	Primary PI	Fish & Wildlife Biology Colorado Division of Wildlife	Biometrical Consulting Services 7/1/02 - 6/30/03	0560	\$104,000
White,Gary C	Primary PI	Fish & Wildlife Biology USDA-USFS-Rocky Mtn. Rsrch Station - CO	Effects of Fuel Management on Wildlife Populations & Habitats 5/21/01 - 12/31/02	8888	\$7,904
White,Gary C	Primary PI	Fish & Wildlife Biology USDA-USFS-Rocky Mtn. Rsrch Station - CO	Effects of Fuel Management on Wildlife Populations & Habitats 5/21/01 - 12/31/02	8888	\$34,124
Wilson,Kenneth R	Primary PI	Fish & Wildlife Biology NSF - National Science Foundation	Using Biological Databases to Improve Biodiversity Assessments: New Methods for Geographic-based Analysis 10/1/01 - 9/30/03	3009 10858	\$294,838
Wilson,Kenneth R	Primary PI	Fish & Wildlife Biology Clear Channel Communications of Colorado	Potential Impacts of a Communication Tower on Avian Species in Larimer County 6/1/02 - 9/1/04	5374 13305	\$34,973
Wilson,Kenneth R	Primary PI	Fish & Wildlife Biology USDA-USFS-Rocky Mtn. Rsrch Station - CO	Data Migration to the Natural Resources Information System 7/23/01 - 6/1/02	8879	\$26,450
Wilson,Kenneth R	Primary PI	Fish & Wildlife Biology USDA-USFS-Rocky Mtn. Rsrch Station - CO	Patterns of Biodiversity in the Southwest 7/31/01 - 9/30/03	8883	\$31,092
Wunder,Michael B	Primary PI	Fish & Wildlife Biology DOI-USGS-Geological Survey	Status & Conservation of Mountain Plover (Isotope Study Amendment) 5/1/01 - 5/31/05	1766 11442	\$44,776

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Wunder,Michael B Mccoy,Timothy D	Primary PI Co-PI	Fish & Wildlife Biology DOI-USGS-Geological Survey	Mountain Plovers on Private Lands 8/1/01 - 2/28/05	1770 10663	\$93,700
Wunder,Michael B Mccoy,Timothy D	Primary PI Co-PI	Fish & Wildlife Biology DOI-USGS-Geological Survey	Mountain Plovers on Private Lands 8/1/01 - 2/28/05	1770 10663	\$130,579
Binkley,Daniel E	Primary PI	Forest Sciences DOI-USGS-Geological Survey	Structure & Function of Northern Ecosystems & Their Response to Global Change 7/15/01 - 5/31/03	1781 11821	\$105,000
Binkley,Daniel E	Primary PI	Forest Sciences DOI-USGS-Geological Survey	Structure & Function of Northern Ecosystems & Their Response to Global Change 7/15/01 - 7/14/02	1781 11821	\$40,199
Binkley,Daniel E	Primary PI	Forest Sciences DOI-USGS-Geological Survey	Structure & Function of Northern Ecosystems & Their Response to Global Change 7/15/01 - 7/14/02	1781 11821	\$31,000
Binkley,Daniel E Herrmann,Raymond	Primary PI Co-PI	Forest Sciences DOI-USGS-Research and Data Acquisition	Watershed Research in the United States National Parks 8/1/99 - 5/31/02	2868 991939	\$23,000
Binkley,Daniel E	Primary PI	Forest Sciences University of Hawaii	Longevity of Tree-Species Effects on Soil Fertility 4/15/99 - 6/30/02	3667 991325	\$33,146
Burke,Ingrid C Vonderhaar,Thomas H	Primary PI Co-PI	Forest Sciences NASA - Natl Aeronautics & Space Admin.	Application of Remotely Sensed Imagery to Assessing the Probabilities & Carbon Consequences of Fire 12/3/01 - 12/3/05	1956 10732	\$110,544
Burke,Ingrid C Kelly,Eugene F	Primary PI Co-PI	Forest Sciences NSF-Biological Sciences	Long Term Ecological Research Program: Shortgrass Steppe 2/1/97 - 1/31/03	3033	\$85,000
Burke,Ingrid C Kelly,Eugene F	Primary PI Co-PI	Forest Sciences NSF-Biological Sciences	Long Term Ecological Research Program: Shortgrass Steppe 2/1/97 - 1/31/03	3033	\$560,000
Burke,Ingrid C Kelly,Eugene F	Primary PI Co-PI	Forest Sciences NSF-Biological Sciences	Long Term Ecological Research Program: Shortgrass Steppe (REU supplement) 3/17/97 - 1/31/03	3201	\$27,000
Cheng,Antony S	Primary PI	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	Collaborative Objectives-based Planning on the Grand Mesa, Uncompahgre & Gunnison (GMUG) National Forest 9/11/01 - 8/31/02	8729 11895	\$6,642
Cheng,Antony S	Primary PI	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	Collaborative Objectives-based Planning on the Grand Mesa, Uncompahgre & Gunnison (GMUG) National Forest 9/11/01 - 5/31/02	8729 11895	\$21,827
Cheng,Antony S	Primary PI	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	Collaborative Objectives-based Planning on the Grand Mesa, Uncompahgre & Gunnison (GMUG) National Forest 9/11/01 - 8/31/04	8729 11895	\$10,000

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Cheng, Antony S Champ, Joseph G	Primary PI Co-PI	Forest Sciences ** USDA - US Department of Agriculture	The Use of Narrative & Media Accounts as Methods for Mapping Sense of Place on National Forest Lands	9/20/01 - 5/31/03	8734 12356	\$9,500
Cheng, Antony S	Primary PI	Forest Sciences USDA-Forest Service-Pacific NW Exp Statn	Enhancing the Integration of Diverse Perspectives on Conserving Natural Resource Values Across Multiple Landscape Scales	9/21/01 - 8/31/04	8744 12093	\$22,000
Dean, Denis J	Primary PI	Forest Sciences USDA - US Department of Agriculture	Landscape Characterization Over Time	9/1/00 - 8/31/02	8841 1667	\$10,500
Hoffer, Roger M	Primary PI	Forest Sciences USDA-Cooperative Forestry Assistance	Comparison of High Spatial Resolution Sensor Systems for Mapping & Monitoring Forest Insect Infestations	9/14/00 - 5/30/02	8827 2604	\$32,532
Omi, Philip N	Primary PI	Forest Sciences USDA - US Department of Agriculture	Explaining Broad-scale Fire Patterns in the Western & Southern United States	8/1/01 - 7/31/02	8881 11880	\$35,000
Reich, Robin M	Primary PI	Forest Sciences DOI-USGS-Geological Survey	Internet Testing & Performance of Spatial Statistical Models	8/7/01 - 12/16/01	1763 12152	\$16,000
Reich, Robin M	Primary PI	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	Development & Test of Fuel Loadings Disturbance & Fire Spread Models Based on Satellite Imagery & Field Surveys	3/13/01 - 5/31/03	8838	\$30,000
Rideout, Douglas B Loomis, John B	Primary PI Co-PI	Forest Sciences University of Montana	Integrated Fuels Treatment Assessment: Ecological Economic & Financial Impacts	11/23/99 - 9/30/02	2216 1667	\$44,476
Smith, Frederick W	Primary PI	Forest Sciences USDA-USFS-Rocky Mtn. Rsrch Station - CO	Carbon Allocation in Coniferous Forests	8/11/99 - 5/31/04	8862	\$23,300
Bright, Alan	Primary PI	Nat Res Recreation & Tourism USDA - US Department of Agriculture	An Assessment of Public Perceptions of Fuel Reduction/Restoration Activities on National Forests	8/27/01 - 2/1/04	8887	\$34,613
Bruyere, Brett L	Primary PI	Nat Res Recreation & Tourism Corporation for National & Community Srv	Service-Learning Mini Grant Outdoor Recreation Programming-RR363	1/1/02 - 9/30/02	9622	\$755
Manfredo, Michael J Bright, Alan D	Primary PI Co-PI	Nat Res Recreation & Tourism Intl Assoc of Fish & Wildlife Agencies	Human Dimensions Regional Survey--Pilot Phase	9/1/01 - 8/31/03	5168 11842	\$13,800
Manfredo, Michael J Bright, Alan	Primary PI Co-PI	Nat Res Recreation & Tourism Intl Assoc of Fish & Wildlife Agencies	Human Dimensions Regional Survey--Pilot Phase	9/1/01 - 8/31/03	5168 11842	\$149,400
Manfredo, Michael J	Primary PI	Nat Res Recreation & Tourism USDA-USFS-Pacific SW	Year 2001 International Symposium on Society & Resource Management Proceedings	8/20/01 - 4/1/02	8886 11917	\$5,000

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Titre,John P Vaske,Jerry J Wallace,George N	Primary PI Co-PI Co-PI	Nat Res Recreation & Tourism DOI-NPS-National Park Service	Rocky Mountain National Park Visitor Use in Wilderness 3/1/01 - 9/30/06	1834 11746	\$53,429
Titre,John P	Primary PI	Nat Res Recreation & Tourism DOI-BLM-Bureau of Land Management	A Study of Boater Recreation on the Upper Colorado River, Colorado 5/15/00 - 5/30/02	2859 1998	\$25,000
Vaske,Jerry J	Primary PI	Nat Res Recreation & Tourism DOI-USGS-Geological Survey	Visitor Response to National Wildlife Refuge Recreation Fee Demonstration Projects 6/23/00 - 8/31/02	2893 992199	\$19,724
Wallace,George N	Primary PI	Nat Res Recreation & Tourism Northwestern Colorado Council of Govts.	White River National Forest Boundary Analysis: Blue River Basin Study Ares 8/28/00 - 9/30/01	2215 10154	\$2,000
Baron,Jill	Primary PI	Natural Resource Ecology Lab National Park Foundation	Experiments to Determine The Effects Of N Deposition On High Elevation Lakes In RMNP 9/15/99 - 9/14/02	5408 992464	\$25,000
Binkley,Daniel E Stohlgren,Thomas J	Primary PI Co-PI	Natural Resource Ecology Lab DOI-USGS-Research and Data Acquisition	Support for Global Change Research Program 5/13/99 - 6/30/02	2895 991938	\$35,719
Binkley,Daniel E Stohlgren,Thomas J	Primary PI Co-PI	Natural Resource Ecology Lab DOI-USGS-Research and Data Acquisition	Support for Global Change Research Program 5/13/99 - 6/30/03	2895 991938	\$82,001
Binkley,Daniel E Stohlgren,Thomas J	Primary PI Co-PI	Natural Resource Ecology Lab National Parks & Conservation Assoc.	National Parks Vital Sign Project 2/25/00 - 6/30/02	5331 1108	\$39,294
Conant,Richard T	Primary PI	Natural Resource Ecology Lab NASA - Natl Aeronautics & Space Admin.	An Integrated Multi-Scale Investigation of Grassland Management: Implications for Carbon Cycling 3/1/01 - 2/28/04	1908 2599	\$129,284
Coughenour,Michael B	Primary PI	Natural Resource Ecology Lab University of Nevada	Modeling Spatial Plant-Herbivore Interactions in the Yukon Delta 4/1/01 - 8/31/03	3424 11211	\$38,171
Ellis,James Boone,Randall B Hobbs,N. Thompson	Primary PI Co-PI Co-PI	Natural Resource Ecology Lab NSF - National Science Foundation	Biocomplexity, Spatial Scale, & Fragmentation: Implications for Arid & Semi-Arid Ecosystems ON CAMPUS 10/1/01 - 9/30/06	3018 10916	\$937,082
Ellis,James Boone,Randall B Hobbs,N. Thompson	Primary PI Co-PI Co-PI	Natural Resource Ecology Lab NSF - National Science Foundation	Biocomplexity, Spatial Scale, & Fragmentation: Implications for Arid & Semi-Arid Ecosystems OFF CAMPUS 10/1/01 - 9/30/06	3019 10916	\$962,920
Ellis,James Coughenour,Michael B Galvin,Kathleen	Primary PI Co-PI Co-PI	Natural Resource Ecology Lab ** University of California at Davis	Integrated Modeling & Assessment for Balancing Food Security, Conservation, & Ecosystem Integrity 7/1/01 - 6/30/04	9014	\$37,681

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Investigators/Collaborators	Department/Sponsor	Title	Start Date End Date	5-3 Proj # PASS #	Award Amount	
Ellis,James Coughenour,Michael B Galvin,Kathleen	Primary PI Co-PI Co-PI	Natural Resource Ecology Lab University of California at Davis	Integrated Modeling & Assessment for Balancing Food Security, Conservation, & Ecosystem Integrity	7/30/01 - 6/30/04	9015	\$49,819
Ellis,James Coughenour,Michael B Galvin,Kathleen	Primary PI Co-PI Co-PI	Natural Resource Ecology Lab University of California at Davis	Integrated Assessment of Pastoral-Wildlife Interactions in East Africa	7/1/01 - 9/30/03	9016	\$165,900
Ellis,James Coughenour,Michael B Galvin,Kathleen	Primary PI Co-PI Co-PI	Natural Resource Ecology Lab University of California at Davis	Integrated Assessment of Pastoral-Wildlife Interactions in East Africa- On campus	7/1/01 - 9/30/03	9017	\$184,100
Galvin,Kathleen	Primary PI	Natural Resource Ecology Lab University of California at Davis	Livestock Herders' Access to Markets in Kazakhstan	3/1/02 - 9/30/03	9000 12708	\$49,970
Hanan,Niall P Coughenour,Michael B Omi,Philip N Dangelmayr,Gerhard H	Primary PI Co-PI Co-PI Collaborator	Natural Resource Ecology Lab NSF - National Science Foundation	Biocomplexity in African Savannas	9/1/01 - 8/31/05	3020 11166	\$1,424,965
Hanan,Niall P	Primary PI	Natural Resource Ecology Lab University of Tennessee/Battelle LLC	ARM Carbon Modeling & Land Surface- Atmosphere Model Applications	3/8/02 - 10/15/02	3945 13147	\$13,504
Hobbs,N. Thompson	Primary PI	Natural Resource Ecology Lab Colorado Division of Wildlife	Support & Maintenance of Natural Diversity Information System	7/1/99 - 6/30/02	0493	\$224,806
Hobbs,N. Thompson Cooper,David Jonathan Singer,Francis J	Primary PI Co-PI Co-PI	Natural Resource Ecology Lab DOI-USGS-Geological Survey	Willow Persistence in Yellowstone National Park: Interactive Effects of Climate, Hydrology & Herbivory	4/1/01 - 3/31/05	1762 11268	\$57,000
Hobbs,N. Thompson Cooper,David Jonathan Singer,Francis J	Primary PI Co-PI Co-PI	Natural Resource Ecology Lab DOI-USGS-Geological Survey	Willow Persistence in Yellowstone National Park: Interactive Effects of Climate, Hydrology & Herbivory	4/1/01 - 3/31/05	1762 11268	\$9,000
Hobbs,N. Thompson	Primary PI	Natural Resource Ecology Lab DOI-USGS-Geological Survey	Development of Models & Methods for Studies of Population Dynamics	8/1/01 - 7/31/02	1799 11873	\$110,000
Hobbs,N. Thompson	Primary PI	Natural Resource Ecology Lab NSF-Biological Sciences	Collaborative Research: Responses of Mammalian Herbivores to Spatial Heterogeneity Expressed at Multiple Scales	5/15/00 - 4/30/03	3058 992345	\$124,970
Hobbs,N. Thompson	Primary PI	Natural Resource Ecology Lab NSF-Biological Sciences	Spatial & Temporal Dynamics of Prion Disease in Wildlife: Responses to Changing Land Use	9/15/00 - 8/31/05	3146 1321	\$459,333

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Hobbs,N. Thompson	Primary PI	Natural Resource Ecology Lab NSF-Biological Sciences	Spatial & Temporal Dynamics of Prion Disease in Wildlife: Responses to Changing Land Use	9/15/00 - 8/31/05	3146 1321	\$13,216
Hobbs,N. Thompson	Primary PI	Natural Resource Ecology Lab NSF-Biological Sciences	Spatial & Temporal Dynamics of Prion Disease in Wildlife: Responses to Changing Land Use	9/15/00 - 8/31/05	3146 1321	\$453,708
Johnson,Brett Michael Baron,Jill	Primary PI Co-PI	Natural Resource Ecology Lab DOI-USGS-Research and Data Acquisition	Air Quality Research on Department of Interior Lands	6/1/00 - 5/31/02	2886 992213	\$53,534
Kalkhan,Mohammed Stohlgren,Thomas J	Primary PI Co-PI	Natural Resource Ecology Lab DOI-USGS-Geological Survey	Invasive Species Survey & Report	8/1/01 - 7/31/03	1780 11848	\$84,042
Kalkhan,Mohammed Stohlgren,Thomas J	Primary PI Co-PI	Natural Resource Ecology Lab DOI-USGS-Geological Survey	Invasive Species Survey & Report	8/1/01 - 7/31/03	1780 11848	\$118,330
Kalkhan,Mohammed Stohlgren,Thomas J	Primary PI Co-PI	Natural Resource Ecology Lab DOI-USGS-Geological Survey	Documenting, Mapping, & Predicting the Invasion of Non-Native Plants, Animal, and Diseases in the US...	3/1/02 - 12/31/03	1895 13041	\$86,005
Kalkhan,Mohammed Reich,Robin M Stohlgren,Thomas J	Primary PI Co-PI Co-PI	Natural Resource Ecology Lab DOI-BLM-Bureau of Land Management	Landscape Assessment of Native & Exotic Plant Diversity & Cryptobiotic Crusts in the Grand Staircase-Escalante	3/1/00 - 2/28/05	2863 1416	\$100,000
Kalkhan,Mohammed Reich,Robin M Stohlgren,Thomas J	Primary PI Co-PI Co-PI	Natural Resource Ecology Lab DOI-USGS-Research and Data Acquisition	Predicting Exotic Plant Species Locations in Rocky Mountain National Park	9/1/00 - 8/31/02	2864 1419	\$26,500
Kalkhan,Mohammed Stohlgren,Thomas J	Primary PI Co-PI	Natural Resource Ecology Lab DOI-USGS-Geological Survey	Carbon Cycle Science & Related Opportunities in Biology & Biogeochemistry of Ecosystems & Application	3/1/02 - 2/28/05	4125 13122	\$225,249
Kalkhan,Mohammed	Primary PI	Natural Resource Ecology Lab USDA-USFS-Rocky Mtn. Rsrch Station - CO	Development & Comparative Analysis of Fuel Loading Disease/Disturbance Models	6/28/02 - 6/30/03	8100 13988	\$10,000
Ojima,Dennis	Primary PI	Natural Resource Ecology Lab University of Denver	Cows & Climate on Western Soils	10/1/01 - 9/30/03	1603	\$38,932
Ojima,Dennis	Primary PI	Natural Resource Ecology Lab NASA - Natl Aeronautics & Space Admin.	Land-Use Change in Temperature East Asia: Land Cover Changes Impacts on Carbon Fluxes & Land Productivity	8/15/01 - 8/14/04	1940 10746	\$43,225
Ojima,Dennis	Primary PI	Natural Resource Ecology Lab NASA - Natl Aeronautics & Space Admin.	Land-Use Change in Temperature East Asia: Land Cover Changes Impacts on Carbon Fluxes & Land Productivity	8/15/01 - 8/14/04	1940 10746	\$43,225

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Ojima,Dennis	Primary PI	Natural Resource Ecology Lab NSF-Biological Sciences	Biological Controls of Terrestrial Carbon Fluxes 9/1/99 - 8/31/03	3596 991200	\$18,600
Ojima,Dennis	Primary PI	Natural Resource Ecology Lab University of California at Davis	Co-Benefits of Grassland Regeneration of Abandoned Wheat Areas . . . 9/30/03	9001 12858	\$49,999
Pagani,Mark	Primary PI	Natural Resource Ecology Lab NSF - National Science Foundation	Collaborative Research: Reconstruction of Paleogene Alkenone-based Ep Records 7/31/04	3300 11856	\$55,542
Pagani,Mark	Primary PI	Natural Resource Ecology Lab NSF - National Science Foundation	Collaborative Research: Reconstruction of Paleogene Alkenone-based Ep Records 7/31/02	3300 11856	\$61,809
Parton,William J Ojima,Dennis	Primary PI Co-PI	Natural Resource Ecology Lab USDA-ARS-Agricultural Research Service	Long-Term Impact of Elevated CO2 on the Shortgrass Steppe 1/22/01 - 1/19/06	2066	\$114,008
Parton,William J Baron,Jill	Primary PI Co-PI	Natural Resource Ecology Lab DOI-USGS-Research and Data Acquisition	Long-Term Ecological Measurements in Loch Vale Watershed, Rocky Mountain National Park 6/30/02	2804 991405	\$62,000
Parton,William J Baron,Jill	Primary PI Co-PI	Natural Resource Ecology Lab DOI-USGS-Research and Data Acquisition	Responses of Hydrologic & Aquatic Ecosystem Processes to Potential Climate Change 4/30/02	5/1/99 - 991816	\$56,400
Parton,William J Galvin,Kathleen	Primary PI Co-PI	Natural Resource Ecology Lab University of Michigan	Population & Environment in the U.S. Great Plains 7/31/02	8/1/01 - 7534	\$137,646
Paustian,Keith H	Primary PI	Natural Resource Ecology Lab DOE - US Department of Energy	Ecosystem Controls on C & N Sequestration Following Afforestation of Agricultural Lands 8/15/01 - 8/14/04	3817 2514	\$124,642
Paustian,Keith H	Primary PI	Natural Resource Ecology Lab USDA-NRCS-Natural Resources Consvtn Srv	Quantifying the Change in Greenhouse Gas Emissions Due to Natural Resource Conservation Practice Application for the ... 12/31/01	8/14/01 - 2024	\$55,000
Paustian,Keith H Elliott,Edward T	Primary PI Co-PI	Natural Resource Ecology Lab USDA-NRCS-Natural Resources Consvtn Srv	Quantifying the Change in Greenhouse Gas Emissions Due to Natural Resource Conservation... 6/30/02	9/30/96 - 2090	\$47,000
Paustian,Keith H Elliott,Edward T	Primary PI Co-PI	Natural Resource Ecology Lab USDA-NRCS-Natural Resources Consvtn Srv	Quantifying the Change in Greenhouse Gas Emissions Due to Natural Resource Conservation... 6/30/02	9/30/96 - 2090	\$10,000
Paustian,Keith H Elliott,Edward T Six,Johan W	Primary PI Co-PI Co-PI	Natural Resource Ecology Lab NSF-Biological Sciences	Aggregate Turnover Controls on Soil Organic Matter: The Influence of Management & Mineralogy 5/31/03	1/2/00 - 3049 404	\$189,994
Paustian,Keith H Kelly,Eugene F	Primary PI Co-PI	Natural Resource Ecology Lab NSF-Biological Sciences	Research Experience for Undergraduates in Soil & Ecological Sciences 5/31/03	1/2/00 - 3060 13098	\$12,000

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Paustian,Keith H Eve,Marlen	Primary PI Co-PI	Natural Resource Ecology Lab EPA - Environmental Protection Agency	National Agricultural Soil Carbon Inventory 7/11/01 - 9/30/01	5816 11938	\$10,000
Paustian,Keith H Bredt,F.Jay	Primary PI Collaborator	Natural Resource Ecology Lab EPA - Environmental Protection Agency	National Agricultural Soil Carbon Inventory & IPCC Good Practices Guidelines: Project Work Plan & Deliverables 5/29/02 - 5/25/03	5820 13672	\$80,000
Paustian,Keith H	Primary PI	Natural Resource Ecology Lab Montana State University	Close Coupling of Ecosystem & Economic Models: Adaptation of Central U.S. Agriculture to Climate Change 2/12/01 - 2/11/04	5919 2088	\$580,723
Simmons,Carol L	Primary PI	Natural Resource Ecology Lab DOI-USGS-Research and Data Acquisition	Biological Resources Division Global Change Data Management & Program Support 3/1/00 - 1/31/03	4102 1684	\$42,000
Six,Johan W	Primary PI	Natural Resource Ecology Lab Ohio State University	Microbial Contributions to Carbon Sequestration in No-tillage Agroecosystems 12/15/00 - 12/31/03	1369 667	\$88,444
Slusser,James R Gao,Wei	Primary PI Co-PI	Natural Resource Ecology Lab USDA-CSRS-SRG-Special Research Grants	Development & Management of a USDA UVB Monitoring Program 9/15/01 - 9/30/02	1409 980432	\$1,341,378
Slusser,James R	Primary PI	Natural Resource Ecology Lab NASA - Natl Aeronautics & Space Admin.	Natural Resource Ecology Lab (NREL) & Center for Earth Atmosphere Studies (CEAS) Joint UV-B Research 6/15/01 - 6/14/03	1925 11406	\$72,799
Swift,David M	Primary PI	Natural Resource Ecology Lab University of Northern Colorado	Graduate Teaching Fellows in K-12 Education 6/1/01 - 5/31/04	3425 2087	\$110,000
Theobald,David M Hobbs,N. Thompson	Primary PI Co-PI	Natural Resource Ecology Lab The Nature Conservancy	Incorporating Landscape Context into Conservation Planning: Modeling Threats & Evaluation Actions 9/1/00 - 8/31/02	5564 1481	\$61,362
Wall,Diana H	Primary PI	Natural Resource Ecology Lab Ohio State University	McMurdo Long Term Ecological Research 4/1/00 - 3/31/03	3411	\$16,002
Wall,Diana H	Primary PI	Natural Resource Ecology Lab Ohio State University	McMurdo Long Term Ecological Research 4/1/00 - 3/31/03	3411	\$90,500
Wall,Diana H Hunt,H William Parsons,Andrew N	Primary PI Co-PI Co-PI	Natural Resource Ecology Lab NSF-Biological Sciences	Identifying Ecosystem Controls on Biodiversity: a US & UK Project (Collaborative Research) 9/15/98 - 8/31/02	3606	\$309,123
Wall,Diana H Hunt,H William Parsons,Andrew N	Primary PI Co-PI Co-PI	Natural Resource Ecology Lab NSF-Biological Sciences	Identifying Ecosystem Controls on Biodiversity: a US & UK Project (Collaborative Research) 9/15/98 - 8/31/02	3606	\$116,429

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Wall,Diana H	Primary PI	Natural Resource Ecology Lab Winslow Foundation	International Workshop on Soil & Sediment Biodiversity & Ecosystem Functioning 3/20/02 - 4/30/04	5264 13225	\$60,000
Wall,Diana H	Primary PI	Natural Resource Ecology Lab Intl Council of Scientific Unions	DIVERSITAS International Biodiversity Observation Year - 2001 8/1/99 - 12/31/02	5756 30	\$3,000
Wall,Diana H Adams,Gina A	Primary PI Co-PI	Natural Resource Ecology Lab Conservation International	IBOY Strategic Coalition-Building & Outreach Campaign 6/1/01 - 12/31/02	5768	\$50,000
Welker,Jeffrey M	Primary PI	Natural Resource Ecology Lab University of Wyoming	Controls on Carbon Sequestration on Northern Mountain Rangelands 11/1/01 - 10/31/03	1350 12026	\$89,901
Welker,Jeffrey M	Primary PI	Natural Resource Ecology Lab NSF - National Science Foundation	Collaborative Research: Winter C Flux in Arctic Ecosystems Under Changing Climate: Effects of Soil Carbon & Active... 8/1/01 - 4/30/02	3014 12196	\$40,400
Welker,Jeffrey M	Primary PI	Natural Resource Ecology Lab NSF - National Science Foundation	Collaborative Research: Winter C Flux in Arctic Ecosystems Under Changing Climate: Effects of Soil Carbon & Active... 8/1/01 - 4/30/03	3014 12196	\$45,072
Welker,Jeffrey M	Primary PI	Natural Resource Ecology Lab NSF - National Science Foundation	Collaborative Research: Isotopic Characteristics of Precipitation ... 5/1/01 - 8/31/04	3295	\$112,382
Welker,Jeffrey M	Primary PI	Natural Resource Ecology Lab NSF - National Science Foundation	Collaborative Research: Isotopic Characteristics of Precipitation ... 5/1/01 - 8/31/04	3295	\$39,494
Bartlett,Ellsworth T	Primary PI	Rangeland Ecosystem Science DOI-BLM-Bureau of Land Management	Sustainable Rangelands Roundtable 5/9/01 - 9/30/02	4111 11671	\$20,000
Child,R. Dennis	Primary PI	Rangeland Ecosystem Science USDA-ARS-Agricultural Research Service	Undergraduate Research Mentoring Program in Rangeland Ecology 9/1/01 - 9/30/02	2096 12628	\$24,000
Child,R. Dennis	Primary PI	Rangeland Ecosystem Science USDA-ARS-Agricultural Research Service	Agriculture Research Internship Program for Early Career South African Scientist 9/28/01 - 9/30/06	2098 72	\$292,500
Child,R. Dennis	Primary PI	Rangeland Ecosystem Science USDA-ARS-Agricultural Research Service	Erosional Soil Loss & Its Effects on Rangeland Health & Productivity 9/21/01 - 8/12/06	2109	\$292,500
Child,R. Dennis	Primary PI	Rangeland Ecosystem Science DOI-BLM-Bureau of Land Management	Vegetation Cover Project - Front Range Center 5/14/00 - 9/30/01	2839	\$38,000
Child,R. Dennis Bartlett,Ellsworth T	Primary PI Co-PI	Rangeland Ecosystem Science DOI-USGS-Geological Survey	Sustainable Rangelands Roundtable 3/4/02 - 12/31/02	2884 13154	\$20,000
Child,R. Dennis	Primary PI	Rangeland Ecosystem Science USDA-USFS-Rocky Mtn. Rsrch Station - CO	Rangeland Classification on a Short Grass Ecosystem 10/5/99 - 10/4/04	8746	\$64,000

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Child,R. Dennis	Primary PI	Rangeland Ecosystem Science USDA-USFS-Rocky Mtn. Rsrch Station - CO	Evaluation of Animal Vegetation Models 9/25/00 - 12/31/02	8768	\$29,980
Child,R. Dennis	Primary PI	Rangeland Ecosystem Science USDA-USFS-Rocky Mtn. Rsrch Station - CO	New Methods to Control Noxious & Alien Weeds 9/28/01 - 1/30/05	8777	\$73,000
Bartlett,Ellsworth T Manfredo,Michael J	Primary PI Co-PI	Rangeland Ecosystem Science USDA-USFS-Rocky Mtn. Rsrch Station - CO	Criteria & Indicators of Sustainable Rangeland Management 9/18/00 - 9/18/05	8867 10118	\$25,424
Child,R.Dennis	Primary PI	Rangeland Ecosystem Science USDA-USFS-Rocky Mtn. Rsrch Station - CO	Evaluation of Animal Vegetation Models 9/25/00 - 12/30/03	8768	\$42,142
Bartlett,Ellsworth T Manfredo,Michael J	Primary PI Co-PI	Rangeland Ecosystem Science USDA-USFS-Rocky Mtn. Rsrch Station - CO	Criteria & Indicators of Sustainable Rangeland Management 9/18/00 - 9/18/05	8867 10118	\$67,797
Paschke,Mark W	Primary PI	Rangeland Ecosystem Science DOD - US Department of Defense	Integrated Control & Assessment of Knapweed & Cheatgrass on Department of Defense Installations 4/18/00 - 4/17/04	7269 991226	\$116,893
Redente,Edward F	Primary PI	Rangeland Ecosystem Science Colorado Department of Natural Resources	Shrub Establishment Study 7/1/01 - 6/30/02	0526	\$20,000
Redente,Edward F	Primary PI	Rangeland Ecosystem Science Colorado Dept Public Health & Environ	Reclamation Plan for Summitville Superfund Site 6/1/95 - 6/30/05	0796 12461	\$171,085
Redente,Edward F	Primary PI	Rangeland Ecosystem Science DOI-NPS-National Park Service	Watershed Restoration in Degraded Pinyon- Juniper Woodlands 10/1/99 - 9/30/02	2802	\$1,500
Rittenhouse,Larry R	Primary PI	Rangeland Ecosystem Science USDA-USFS-Forest Research	Natural Resource Management for Tribal College Science Instructors 8/31/99 - 9/30/04	8748 992190	\$17,000
Roath,L Roy	Primary PI	Rangeland Ecosystem Science Colorado Division of Wildlife	Habitat Management Support in the Colorado Division of Wildlife 10/1/01 - 12/31/01	0531 11865	\$15,536
Trlica,Milton J Jr	Primary PI	Rangeland Ecosystem Science USDA-ARS-Agricultural Research Service	Great Plains Farm & Ranch Management 7/1/00 - 9/30/04	2020	\$74,000
Trlica,Milton J Jr	Primary PI	Rangeland Ecosystem Science USDA-ARS-Agricultural Research Service	Great Plains Farm & Ranch Management 7/1/00 - 9/30/04	2020	\$73,892
Woodmansee,Robert G	Primary PI	Rangeland Ecosystem Science DOI-BLM-Bureau of Land Management	Implementing On-Line Natural Resource Course Material for Native American Students, Instructors, & Managers 7/31/01 - 8/4/01	4104 11266	\$14,440
Woodmansee,Robert G	Primary PI	Rangeland Ecosystem Science DOI-OSM-Office of Surface Mining	Implementing On-line Natural Resource Course Material for Native American Students, Instructors & Managers 5/18/01 - 9/30/06	4107 11438	\$6,308

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Woodmansee,Robert G Primary PI	Rangeland Ecosystem Science USDA-USFS-Rocky Mtn. Rsrch Station - CO	Assessment of Ground Cover as an Indicator of Rangeland Sustainability	8/30/00 - 5/31/02	8833	\$12,000
Natural Resources Total:					\$37,890,370

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Natural Sciences - Awards

Investigators/Collaborators	Department/Sponsor	Title	Start Date End Date	5-3 Proj # PASS #	Award Amount	
Bamburg,James R	Primary PI	Biochemistry & Molecular Bic Alzheimers Association	Mechanisms of Persistent ADF-actin Rod Formation in Hippocampal Neurons	9/1/01 - 8/31/04	5133 10782	\$80,000
Bamburg,James R	Primary PI	Biochemistry & Molecular Bic Christopher Reeve Paralysis Foundation	Guiding Growth Cones through Integration of Actin Dynamics	12/15/01 - 12/14/02	5403 11839	\$62,932
Bamburg,James R	Primary PI	Biochemistry & Molecular Bic HHS-NIH-National Institutes of Health	ADF-actin Rods in Neurodegenerative Diseases	12/15/01 - 11/30/05	7648 11047	\$268,660
Bamburg,James R	Primary PI	Biochemistry & Molecular Bic HHS-PHS-Biophysics & Physiological Sci.	Role of Actin Depolymerizing Factor (ADF) Phosphorylation in Neuronal Development	12/1/84 - 3/31/04	7839 992580	\$259,785
Bamburg,James R	Primary PI	Biochemistry & Molecular Bic HHS-NIH-National Institutes of Health	Role of ADF Phosphorylation in Neuronal Development (Supplement)	12/1/84 - 3/31/04	7867 11393	\$32,109
Curthoys,Norman P Anderson,Oren P	Primary PI Co-PI	Biochemistry & Molecular Bic American Heart Association	Mitochondrial Glutaminase: A Novel Target for Stroke Therapy	7/1/02 - 6/30/04	7108 12897	\$55,000
Curthoys,Norman P	Primary PI	Biochemistry & Molecular Bic HHS-NIH-Center for Scientific Review	Control of Renal Glutaminase Induction During Acidosis	10/1/89 - 3/31/06	7734 11798	\$300,499
Luger,Karolin	Primary PI	Biochemistry & Molecular Bic Searle Scholars Program	X-Ray Crystallographic Studies on Transcription Factor Binding in a Nucleosomal Context	7/1/99 - 6/30/02	5539 990601	\$60,000
Luger,Karolin	Primary PI	Biochemistry & Molecular Bic Human Frontier Science Program	The Molecular Function of an Essential Histone Variant	9/1/00 - 8/31/03	5721 221	\$57,475
Luger,Karolin	Primary PI	Biochemistry & Molecular Bic The Scripps Research Institute	Inhibition of HIV Gene Transcription by Small Molecules	2/1/02 - 1/31/03	7537 12031	\$72,500
Luger,Karolin	Primary PI	Biochemistry & Molecular Bic HHS-PHS-Biophysics & Physiological Sci.	Structure of Nucleosomes Containing Variant Histones	8/1/00 - 7/31/05	7845 579	\$212,186
Lumb,Kevin J	Primary PI	Biochemistry & Molecular Bic American Cancer Society, Inc.	Structural Basis of Transcriptional Activation by Jun	1/1/02 - 12/31/05	5150 11344	\$750,000
Nyborg,Jennifer K	Primary PI	Biochemistry & Molecular Bic HHS-NIH-NCI-National Cancer Institute	Tax Deregluation of Gene Expression Through CBP	1/1/99 - 12/31/03	7602 235	\$127,833
Nyborg,Jennifer K	Primary PI	Biochemistry & Molecular Bic HHS-NIH-NCI-National Cancer Institute	Tax Deregluation of Gene Expression Through CBP	1/1/99 - 12/31/03	7646 235	\$270,520
Nyborg,Jennifer K Laybourn,Paul J	Primary PI Co-PI	Biochemistry & Molecular Bic HHS-NIH-National Institutes of Health	Tax Transactivation in the Context of Chromatin	3/1/01 - 2/28/06	7659 321	\$233,716
Nyborg,Jennifer K	Primary PI	Biochemistry & Molecular Bic HHS-NIH-NCI-National Cancer Institute	Transcriptional Regulation by the HTLV I Tax Protein	12/15/93 - 11/30/02	7782	\$253,807

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Nyborg,Jennifer K Laybourn,Paul J	Primary PI Co-PI	Biochemistry & Molecular Bic HHS-NIH-National Institutes of Health	Tax Transactivation in the Context of Chromatin 3/1/01 - 2/28/06	7868 321	\$21,750
Nyborg,Jennifer K Laybourn,Paul J	Primary PI Co-PI	Biochemistry & Molecular Bic HHS-NIH-National Institutes of Health	Tax Transactivation in the Context of Chromatin 3/1/01 - 2/28/06	7881 321	\$21,750
Paule,Marvin R	Primary PI	Biochemistry & Molecular Bic HHS-PHS-Genetics Research	RNA Polymerase I Transcription & Regulation Mechanisms 4/1/79 - 11/30/04	7721 992617	\$326,250
Schenck,Craig C	Primary PI	Biochemistry & Molecular Bic HHS-PHS-Biophysics & Physiological Sci.	Membrane Proteins: Structure, Dynamics & Stability 2/1/00 - 1/31/04	7823	\$381,270
Stargell,Laurie A	Primary PI	Biochemistry & Molecular Bic March of Dimes	Mechanisms of Transcriptional Regulation in Vivo 6/1/00 - 5/31/03	5236 198	\$63,576
Stargell,Laurie A	Primary PI	Biochemistry & Molecular Bic HHS-PHS-Genetics Research	Genetic Analysis of Transcription Initiation 1/1/98 - 12/31/02	7781	\$217,919
Summers,Scott A	Primary PI	Biochemistry & Molecular Bic American Diabetes Association, Inc.	The Role of Sphingolipids in Signal Transduction 7/1/00 - 6/30/04	5550 1217	\$99,955
Summers,Scott A	Primary PI	Biochemistry & Molecular Bic American Heart Association	Molecular Mechanisms of Insulin Resistance & Obesity: A New Approach 7/1/00 - 6/30/02	5669 955	\$29,996
Summers,Scott A	Primary PI	Biochemistry & Molecular Bic University of Colorado Health Sci Ctr	The Role of Sphingolipids in Insulin Action 6/1/00 - 12/31/01	7526	\$18,000
Summers,Scott A	Primary PI	Biochemistry & Molecular Bic HHS-NIH-National Institutes of Health	The Role of Sphingolipids in Insulin Signal Transduction 8/15/01 - 7/31/05	7871 1219	\$242,137
Woody,Robert W	Primary PI	Biochemistry & Molecular Bic HHS-PHS-Biophysics & Physiological Sci.	Optical Properties of Biological Macromolecules 12/1/76 - 11/30/03	7822 981035	\$253,092
Anderson,Lorinda Kissler	Primary PI	Biology Stowers Institute for Medical Research	Electron Microscopic Immunolocalization of Synaptonemal Complex Proteins 5/15/02 - 12/31/02	5198 13532	\$20,020
Antolin,Michael F	Primary PI	Biology National Fish and Wildlife Foundation	Ecology & Genetics of Plague in Wildlife 8/15/01 - 8/14/02	1620 11787	\$33,400
Antolin,Michael F	Primary PI	Biology DOI-USGS-Geological Survey	Plague Database for Wildlife in Western North America 7/1/02 - 6/30/03	4131 13448	\$9,300
Antolin,Michael F	Primary PI	Biology Monsanto	Population Genetics of Corn Rootworm, Diabrotica 3/1/02 - 5/15/03	6133 13097	\$35,000
Baker,Myron C	Primary PI	Biology NSF - National Science Foundation	Animal Culture - Vocal Signal Function Research Experiences for Undergraduates 2/1/01 - 1/31/04	3267 2574	\$6,000

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Natural Sciences - Awards

Investigators/Collaborators	Department/Sponsor	Title	Start Date End Date	5-3 Proj # PASS #	Award Amount	
Bedinger,Patricia A	Primary PI	Biology NSF - National Science Foundation	The Role of Pollen Extension Chimeras in Pollen-pistil Interactions	2/15/01 - 1/31/03	3204 2521	\$109,600
Bedinger,Patricia A	Primary PI	Biology NSF - National Science Foundation	The Role of Pollen Extension Chimeras in Pollen-pistil Interactions Research for Undergraduates	2/15/01 - 1/31/03	3242 2521	\$5,976
Florant,Gregory L Summers,Scott A	Primary PI Co-PI	Biology ** HHS-NIH-National Institutes of Health	Molecular Mechanisms of Obesity & Insulin Resistance	7/1/02 - 6/30/04	7714 12506	\$143,788
Herbers,Joan M	Primary PI	Biology NSF - National Science Foundation	REU Supplement: Coevolution Between Slavemaking Ants & Their Hosts	8/1/01 - 7/31/04	3273 10786	\$4,530
Herbers,Joan M	Primary PI	Biology NSF - National Science Foundation	Coevolution Between Slavemaking Ants & Their Hosts	8/1/01 - 7/31/04	3294 10786	\$318,928
Johnson,James Bradley	Primary PI	Biology Colorado Geological Survey	Developing a Rapid Assessment Approach to Evaluating the Effectiveness of Compensatory Wetland Mitigation ...	5/9/02 - 9/3/03	0014 13112	\$39,193
Mykles,Donald L	Primary PI	Biology NSF - National Science Foundation	Regulation of Fiber Switching in Lobster Muscle Research for Undergraduates	3/26/01 - 8/31/03	3246 10997	\$10,000
Mykles,Donald L	Primary PI	Biology HHS-NIH-Arthr., Musclesk. & Skin Disord.	Muscle Fiber Type Switching in the Lobster Claw	9/1/00 - 8/31/03	7944 972	\$41,996
Packard,Gary C Packard,Mary Johnson	Primary PI Co-PI	Biology NSF - National Science Foundation	The Ecological Physiology of a Supercooled Vertebrate	8/1/01 - 7/31/04	3278 10929	\$330,070
Pilon,Marinus	Primary PI	Biology NSF - National Science Foundation	Metal Homeostasis & Tolerance in Plant Chloroplast the Role of PAA1 & AtCutA	4/1/01 - 3/31/03	3231 2635	\$110,000
Pilon,Marinus	Primary PI	Biology NSF - National Science Foundation	Metal Homeostasis & Tolerance in Plant Chloroplast the Role of PAA1 & AtCutA - Research for Undergraduates	4/1/01 - 3/31/03	3279 2635	\$9,640
Pilon-Smits,Elizabeth A.	Primary PI	Biology NSF-Biological Sciences	CAREER: Genetic Engineering Approaches for the in Vivo Study of Plant Metabolism of Selenium & Other Oxyanions	3/15/00 - 2/28/04	3027	\$35,000
Pilon-Smits,Elizabeth A.	Primary PI	Biology NSF-Biological Sciences	CAREER: Genetic Engineering Approaches for the in Vivo Study of Plant Metabolism of Selenium & Other Oxyanions	3/15/00 - 2/28/04	3027	\$119,825

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**Inter-departmental Project

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Pilon-Smits,Elizabeth A.	Primary PI	Biology NSF-Biological Sciences	CAREER: Genetic Engineering Approaches for the in Vivo Study of Plant Metabolism of Selenium & Other Oxyanions	3/15/00 - 2/28/04	3159	\$12,550
Pilon-Smits,Elizabeth A.	Primary PI	Biology NSF-Biological Sciences	CAREER: Genetic Engineering Approaches for the in Vivo Study of Plant Metabolism of Selenium & Other Oxyanions	3/15/00 - 2/28/04	3217	\$30,797
Poff,N. Leroy Wellnitz,Todd A	Primary PI Co-PI	Biology NSF-Biological Sciences	Herbivory in Streams - Context-Dependent Species Interactions & Functional Redundancy - Research for Under...	8/1/00 - 7/31/04	3244 978	\$6,000
Poff,N. Leroy	Primary PI	Biology The Nature Conservancy	Mechanisms of Tamarisk Dominance in Western Riparian Ecosystems	8/15/99 - 8/14/02	5054	\$65,568
Poff,N.Leroy Wellnitz,Todd A	Primary PI Co-PI	Biology NSF-Biological Sciences	Herbivory in Streams - Context-Dependent Species Interactions & Functional Redundancy	8/1/00 - 7/31/04	3127 978	\$131,792
Reddy,Anireddy S N	Primary PI	Biology NSF-Biological Sciences	Regulation & Functional Analysis of a Novel Calmodulin-binding Microtubule Motor Protein from Arabidopsis	7/1/00 - 6/30/04	3087 1302	\$124,861
Reddy,Anireddy S N	Primary PI	Biology DOE - US Department of Energy	Functional Analysis of Novel Serine/Arginine- rich Proteins That Interact with U1-70K Protein in pre-mRNA Slicing	9/1/01 - 8/31/04	3825 2363	\$191,000
Stack,Stephen	Primary PI	Biology NSF-Biological Sciences	Mapping Recombination Nodules on Synaptonemal Complexes of Maize	3/1/98 - 2/28/03	3515	\$10,000
Voss,S. Randal	Primary PI	Biology NSF - National Science Foundation	CAREER: Evolutionary Research & Education at Colorado State University	2/1/01 - 1/31/06	3219 2634	\$5,000
Voss,S. Randal	Primary PI	Biology HHS-NIH-National Institutes of Health	Genome Resources for Model Amphibians	4/1/02 - 3/31/07	7706 11974	\$340,000
Wiens,John A	Primary PI	Biology The Nature Conservancy	The Nature Conservancy: Lead Scientist	1/1/02 - 5/15/02	5186 12739	\$77,820
Wilson,Thomas G	Primary PI	Biology NSF - National Science Foundation	A Drosophila Juvenile Hormone Receptor: Research Experiences for Undergraduates	7/1/01 - 6/30/03	3230 10817	\$6,000
Wright,William G	Primary PI	Biology NSF - National Science Foundation	Evolutionary Role of Neuromodulation in Associative Memory	2/1/02 - 1/31/03	3040 12794	\$108,408
Wright,William G	Primary PI	Biology NSF - National Science Foundation	Evolutionary Role of Neuromodulation in Associative Memory - REU	2/1/02 - 1/31/03	3064 12794	\$6,250

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Geary,Edward E	Primary PI Center For Sci, Math & Tech Ed NSF - National Science Foundation	Water in the Earth System: A National Science Digital Library K-12 Collections Project	1/1/02 - 12/31/03	3103 11347	\$899,749
Geary,Edward E	Primary PI Center For Sci, Math & Tech Ed NSF-GEO-Geosciences	The Earth & Space Science Standards Project	9/15/00 - 7/31/03	3178	\$21,272
Geary,Edward E	Primary PI Center For Sci, Math & Tech Ed Montana State University	Center for Learning & Teaching in the West	10/1/01 - 9/30/06	3426 11290	\$342,988
Thompson,Stephen	Primary PI Center For Sci, Math & Tech Ed DE-FIPSE-Fund Imp. of Post. Sec. Educ.	Conceptual Chemistry: A Curriculum to Put Students in the Picture	10/1/00 - 9/30/03	4223 1426	\$253,117
Barisas,B George	Primary PI Chemistry NSF - National Science Foundation	Improved Apparatus for Time-resolved Phosphorescence Anisotropy & Fluorescence Depletion Anisotropy ...	5/1/02 - 5/1/05	3074 12198	\$127,595
Bernstein,Elliot R	Primary PI Chemistry NSF - National Science Foundation	Hydrogen Abstraction Radical Reactions: Entrance Channel Control	2/15/01 - 1/31/04	3213 2198	\$120,000
Bernstein,Elliot R	Primary PI Chemistry NSF - National Science Foundation	Hydrogen Abstraction Radical Reactions: Entrance Channel Control	2/15/01 - 1/31/04	3213 2198	\$29,000
Bernstein,Elliot R	Primary PI Chemistry DOE - US Department of Energy	Interactions of Neutral Vanadium Oxide & Titanium Oxide Clusters with Sulfur Dioxide, Nitrogen Oxides & Water	9/1/01 - 10/31/04	3826 242	\$130,000
Bernstein,Elliot R	Primary PI Chemistry Philip Morris, Incorporated	Metal Oxide-Cluster & Nanoparticle Catalyzed Reactions of Small Gas Phase Molecules: CO & NO on Iron & Copper Oxide	6/1/02 - 5/31/05	6148 12782	\$129,480
Chen,Eugene Y	Primary PI Chemistry American Chemical Society	Anionic Polymerization of Polar Vinyl Monomers Using Metallocenium Ion-Pairs	9/1/01 - 8/31/03	5111 10901	\$25,000
Chen,Eugene Y	Primary PI Chemistry Alfred P. Sloan Foundation	Alfred P. Sloan Foundation Fellowship	9/16/02 - 9/15/04	5268 13720	\$40,000
Chen,Eugene Y	Primary PI Chemistry Dow Chemical Company	Hydroxyl-Functionalized Polyols via Acid- Catalyzed Cationic Ring-Opening Polymerization of Heterocyclic Monomers	3/1/02 - 2/28/03	6128 12582	\$65,201
Crans,Debbie C	Primary PI Chemistry HHS-NIH-National Institutes of Health	Chemistry Biology of Insulin-like Vanadium Compounds	4/1/89 - 6/30/04	7843 770	\$328,563
Crans,Debbie C	Primary PI Chemistry HHS-NIH-National Institutes of Health	Chemistry Biology of Insulin-like Vanadium Compounds	4/1/89 - 6/30/04	7843 770	\$338,219

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Dorhout,Peter K	Primary PI Chemistry NSF-MPS-Mathematical & Physical Sciences	Synthesis & Characterization of New Rare-Earth Metal-Transition Metal Materials	6/1/00 - 5/31/03	3118 1082	\$114,458
Dorhout,Peter K	Primary PI Chemistry NSF-MPS-Mathematical & Physical Sciences	Synthesis & Characterization of New Rare-Earth Metal-Transition Metal Materials	6/1/00 - 5/31/03	3118 1082	\$119,405
Elliott,C Michael	Primary PI Chemistry NSF - National Science Foundation	Electrochemically Active Polymers - Designing Compositional Structures & Electronic Properties	5/1/02 - 4/30/05	3073 12347	\$152,000
Elliott,C Michael	Primary PI Chemistry NSF - National Science Foundation	ITR/SY (MPS): Molecular-Based Optical Detection of Weak Magnetic Fields	9/1/01 - 8/31/04	3101 10946	\$498,598
Finke,Richard G	Primary PI Chemistry NSF-MPS-Mathematical & Physical Sciences	Studies of Polyoxanion-Derived, Record Lifetime Dioxygenase Catalyst	8/1/00 - 7/31/03	3094 1193	\$105,000
Fisher,Ellen R Chandler,John P	Primary PI Co-PI Chemistry NSF - National Science Foundation	Acquisition of an Integrated Scanning Electron Microscope System	9/1/01 - 8/31/02	3006 10976	\$300,000
Fisher,Ellen R	Primary PI Chemistry NSF - National Science Foundation	Mechanistic Studies of Plasma Deposition & Etching for Integrated Circuit Materials	3/15/02 - 2/28/05	3059 13113	\$200,000
Fisher,Ellen R Dorhout,Peter K	Primary PI Co-PI Chemistry DOE-Basic Energy Sci / Univ & Sci Educ	Nanostructured Assemblies of Thermoelectric Composite Materials	9/15/99 - 9/14/02	3800 991952	\$100,000
Grainger,David W	Primary PI Chemistry DOI-NPS-National Park Service	New Methods to Encapsulate Live Vaccine	5/15/02 - 8/15/02	4116 13727	\$16,301
Grainger,David W	Primary PI Chemistry HHS-PHS-Biophysics & Physiological Sci.	Surface Chemistry Influences on Cell Signalling & Proliferation	1/1/98 - 12/31/02	4471	\$131,097
Grainger,David W	Primary PI Chemistry MRS-Materials Research Society	Enzymatically Grafted Biomaterial Surfaces for Neuron Culture	12/18/01 - 3/29/02	5172 12525	\$750
Greenberg,Marc M	Primary PI Chemistry Harvard University	Specificity Of DNA Repair for Oxidized Abasic Sites	5/1/01 - 4/30/02	7514 992509	\$33,603
Greenberg,Marc M	Primary PI Chemistry HHS-NIH-National Institutes of Health	Investigations of DNA Damage & Repair & Their Applications	1/1/02 - 12/31/05	7651 11162	\$263,220
Greenberg,Marc M	Primary PI Chemistry HHS-NIH-National Institutes of Health	Investigations of DNA Damage & Repair & Their Applications	1/1/02 - 12/31/05	7651 11162	\$25,148
Greenberg,Marc M	Primary PI Chemistry HHS-NIH-Center for Scientific Review	Mechanistic Studies of DNA Damage & Their Application	7/1/97 - 6/30/05	7869 10531	\$5,851
Hegedus,Louis S	Primary PI Chemistry NSF-MPS-Mathematical & Physical Sciences	Transition Metals in Organic Synthesis	12/1/99 - 11/30/02	3001 991762	\$143,000

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**Inter-departmental Project

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Investigators/Collaborators	Department/Sponsor	Title	Start Date End Date	5-3 Proj # PASS #	Award Amount
Hegedus,Louis S Bernstein,Elliot R	Primary PI Co-PI American Chemical Company	Chemistry Editors for Journal of the American Chemical Society	6/1/84 - 12/31/04	6149	\$38,000
Hegedus,Louis S	Primary PI HHS-PHS-Pharmacology & Biorelated Chem	Chemistry Organometallic Synthesis of Bioactive Compounds	4/1/79 - 3/31/04	7840 992410	\$271,827
Ladanyi,Branka M	Primary PI NSF-MPS-Mathematical & Physical Sciences	Chemistry Solvation & Reaction Dynamics in Heterogeneous Environments	12/1/99 - 11/30/03	3002 992420	\$111,000
Levinger,Nancy E Fisher,Ellen R	Primary PI Co-PI NSF-MPS-Mathematical & Physical Sciences	Chemistry Summer Undergraduate Research in Chemistry at Colorado State University: REU Site	3/1/00 - 2/28/03	3031 322	\$56,432
Levinger,Nancy E	Primary PI NSF-MPS-Mathematical & Physical Sciences	Chemistry Dynamics of Polar Solvation & Electron Transfer in Restricted Environments	6/15/00 - 6/30/03	3179 989	\$90,000
Meersmann,Thomas	Primary PI NSF - National Science Foundation	Chemistry Development of Continuous-Flow Laser-Spin Polarized Xe-129 Nuclear Magnetic Resonance Spectroscopy in ...	4/1/02 - 3/31/07	3104 12800	\$172,500
Parkinson,Bruce Alan	Primary PI NSF - National Science Foundation	Chemistry Fundamental Studies of Novel Inorganic Fullerenes	9/1/01 - 8/31/02	3303 10510	\$156,467
Parkinson,Bruce Alan	Primary PI DOE-Oakridge Operations Office	Chemistry Studies of High Quantum Yield Sensitization Processes at Semiconductor Electrodes	4/1/96 - 7/31/02	3811	\$123,797
Rickey,Dawn	Primary PI NSF - National Science Foundation	Chemistry Fostering Understanding of Chemistry through Model-Observe-Reflect-Explain Metacognitive Instruction	8/15/02 - 7/31/04	3140 12288	\$300,303
Rickey,Dawn	Primary PI NSF - National Science Foundation	Chemistry Further Studies of Metacognition & Chemistry Learning	3/15/02 - 2/28/03	3253 12313	\$49,999
Rovis,Tomislav	Primary PI HHS-NIH-National Institutes of Health	Chemistry Development, Scope & Synthetic Applications of the Stereoretentive O & C Rearrangement	4/1/02 - 3/31/06	7715 11711	\$66,042
Rovis,Tomislav	Primary PI HHS-NIH-National Institutes of Health	Chemistry Development, Scope & Synthetic Applications of the Stereoretentive O & C Rearrangement	4/1/02 - 3/31/06	7715 11711	\$199,800
Shi,Yian	Primary PI NSF-MPS-Mathematical & Physical Sciences	Chemistry CAREER: Exploring New Reactive Species for Cyclopropanation	1/1/99 - 12/31/01	3561 990079	\$150,000
Shi,Yian	Primary PI HHS-PHS-Pharmacology & Biorelated Chem	Chemistry Asymmetric Epoxidation of Olefins by Chiral Dioxiranes	8/1/99 - 7/31/03	7664 990558	\$231,881
Stermitz,Frank R	Primary PI Northeastern University	Chemistry Natural Substrates & Inhibitors of Microbial MDR Pumps	3/1/02 - 2/28/03	7538 990470	\$30,000

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**Inter-departmental Project

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Investigators/Collaborators	Department/Sponsor	Title	Start Date End Date	5-3 Proj # PASS #	Award Amount
Strauss,Steven H	Primary PI Chemistry DOD-ARMY-ARO-Army Research Office	Testing a High-Sensitivity ATR-FTIR Water Monitor for Ionic CWA Breakdown Products	7/1/00 - 4/30/03	2386 2136	\$225,000
Strauss,Steven H	Primary PI Chemistry DOD-ARMY-ARO-Army Research Office	Testing a High-Sensitivity ATR-FTIR Water Monitor for Ionic CWA Breakdown Products	7/1/00 - 9/30/02	2386 2136	\$25,000
Szamel,Grzegorz	Primary PI Chemistry NSF - National Science Foundation	Statistical Mechanics of Supercooled Liquids & the Glass Transition	8/15/01 - 7/31/04	3297 10897	\$306,000
Van Orden,Alan K	Primary PI Chemistry HHS-NIH-Center for Scientific Review	Rapid Screening in Electrophoresis Microarrays (R21/R33)	5/1/02 - 4/30/04	7880 11760	\$138,042
Williams,Robert M	Primary PI Chemistry NSF - National Science Foundation	The Asymmetric Synthesis of alpha-Amino Acids	4/1/02 - 3/31/03	3038 12812	\$160,000
Williams,Robert M	Primary PI Chemistry HHS-PHS-NCI-Cancer Treatment Center	Total Synthesis & Biosynthesis of Bioactive Substances	1/15/97 - 12/31/04	4536	\$214,419
Williams,Robert M	Primary PI Chemistry Boehringer Ingelheim Pharmaceuticals	Synthesis of TMC-95A Analogs	6/1/01 - 5/31/02	6146 11937	\$57,674
Williams,Robert M	Primary PI Chemistry HHS-PHS-NCI-Cancer Treatment Center	Total Synthesis of Bioxalomycin, ET743 & Tetrazomine	4/10/00 - 3/31/04	7841 992120	\$296,079
Williams,Robert M	Primary PI Chemistry HHS-PHS-NCI-Cancer Treatment Center	Synthesis & Mechanism of DNA Crosslinking of FR900482	4/1/92 - 5/31/04	7842 667	\$291,145
Andrews,Anneliese A	Primary PI Computer Science CCHE-Commission on Higher Education	FY02 CASI Program Plan	7/1/01 - 6/30/02	0183 992224	\$182,355
Beveridge,J Ross	Primary PI Computer Science DOD-ARPA-Advanced Research Proj. Agency	Statistical Inference Methods for Understanding Human Identification Systems	8/1/00 - 12/31/03	2453 1715	\$80,000
Beveridge,J Ross	Primary PI Computer Science DOD-ARPA-Advanced Research Proj. Agency	Statistical Inference Methods for Understanding Human Identification Systems	8/1/00 - 12/31/03	2453 1715	\$52,810
Beveridge,J Ross	Primary PI Computer Science DOD-ARPA-Advanced Research Proj. Agency	Statistical Inference Methods for Understanding Human Identification Systems	8/1/00 - 12/31/02	2453 1715	\$50,283
Beveridge,J Ross	Primary PI Computer Science DOD-ARPA-Advanced Research Proj. Agency	Statistical Inference Methods for Understanding Human Identification Systems	8/1/00 - 12/31/02	2453 1715	\$30,000
Bieman,James M	Primary PI Computer Science CASI-Colorado Advanced Software Inst.	Evaluating the Architectural Design Quality of Object-Oriented Software	8/1/01 - 8/31/02	0113 12001	\$33,000
Draper,Bruce	Primary PI Computer Science DOD - US Department of Defense	Modeling the Ventral Visual Pathway: Abiomimetic Approach to Object Recognition	9/10/01 - 9/9/03	7305 11506	\$114,887

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Draper,Bruce	Primary PI	Computer Science DOD - US Department of Defense	Modeling the Ventral Visual Pathway: Abiomimetic Approach to Object Recognition 9/10/01 - 9/9/03	7305 11506	\$110,658
France,Robert Ghosh,Sudipto Turk,Daniel E	Primary PI Co-PI Co-PI	Computer Science CASI-Colorado Advanced Software Inst.	An Architectural Approach to Reuse of Business & System Models 7/1/01 - 8/31/02	0186 10884	\$86,000
Howe,Adele E Whitley,L Darrell	Primary PI Co-PI	Computer Science DOD-USAF-Air Force	Interactive Anticipatory Scheduling for Two Military Applications 1/1/00 - 11/30/02	2319 148	\$114,848
Whitley,L Darrell	Primary PI	Computer Science NSF - National Science Foundation	Adaptive Representations for Genetic Algorithms & Local Search 9/15/01 - 8/31/04	3007 11067	\$93,780
Whitley,L Darrell	Primary PI	Computer Science NSF - National Science Foundation	Adaptive Representations for Genetic Algorithms & Local Search 9/15/01 - 8/31/04	3007 11067	\$83,877
Whitley,L Darrell Draper,Bruce Howe,Adele	Primary PI Co-PI Co-PI	Computer Science TRW, Inc.	Adaptive Intelligent Methods for Distributed Learning & Data Mining 5/5/00 - 12/31/01	6089 1973	\$18,467
Sneider,Thomas W	Primary PI	Dean Of Natural Sciences Arnold & Mabel Beckman Foundation	Beckman Scholars Program - Undergraduate Research 9/1/01 - 8/31/03	5424 10444	\$52,800
Chappell,Kelly	Primary PI	Mathematics Clemson University	The Impact of Calculus Reform on Long-Term Student Performance 3/8/02 - 9/30/02	3431 12620	\$10,000
Chappell,Kelly	Primary PI	Mathematics DE-FIPSE-Fund Imp. of Post. Sec. Educ.	Lesson Study: Creating Laboratories for Curricular & Instructional Enhancement 11/1/00 - 10/31/03	4203 1501	\$94,323
Estep,Donald J	Primary PI	Mathematics NSF - National Science Foundation	Computational Error Estimation & Adaptive Error Control for Multiscaled Differential Equations 8/15/01 - 7/31/04	3301 10785	\$5,500
Estep,Donald J	Primary PI	Mathematics NSF - National Science Foundation	Computational Error Estimation & Adaptive Error Control for Multiscaled Differential Equations 8/15/01 - 7/31/04	3301 10785	\$152,000
Estep,Donald J Laforest,Marc	Primary PI Co-PI	Mathematics Sandia Corporation/Sandia National Lab.	Error Estimators for High-Resolution Schemes for Conservation Laws 12/20/01 - 12/19/02	3944 12630	\$15,284
Kirby,Michael J Dangelmayr,Gerhard H	Primary PI Co-PI	Mathematics NSF - National Science Foundation	A Mathematical Modeling Program for Undergraduates in Science, Mathematics, Engineering & Technology 1/1/02 - 12/31/04	3507 11694	\$74,935

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Kirby,Michael J	Primary PI Mathematics USDA-USFS-Rocky Mtn. Rsrch Station - CO	Assess Utility of Wavelet Analysis for Detecting & Characterizing Landscape-Scale Patterns of Forest Disturbance	7/30/01 - 6/1/02	8882 11844	\$11,000
Liebler,Robert A	Primary PI Mathematics NSF-MPS-Mathematical & Physical Sciences	Representation Theoretic Combinatorics: Constructive & Integral	8/1/00 - 7/31/03	3137 584	\$26,000
Mueller,Jennifer L	Primary PI Mathematics NSF - National Science Foundation	A Direct Reconstruction Algorithm for the 2-D Inverse Conductivity Problem	9/1/01 - 8/31/04	3305 10427	\$81,029
Poore,Aubrey B	Primary PI Mathematics DOD-USAF-Office of Scientific Research	Optimization Problems in Multiplatform and Multisensor Tracking	1/1/00 - 11/30/02	2424 237	\$134,992
Harton,John	Primary PI Physics Fermi Ntl Accelerator Lab (Fermilab)	Construction of Pierre Auger Observatory Ground Array Components	9/9/99 - 12/31/02	3917 992490	\$15,000
Harton,John	Primary PI Physics Fermi Ntl Accelerator Lab (Fermilab)	Construction of Pierre Auger Observatory Ground Array Components	9/9/99 - 12/31/02	3917 992490	\$104,300
Harton,John	Primary PI Physics Fermi Ntl Accelerator Lab (Fermilab)	Construction of Pierre Auger Observatory Ground Array Components	3/25/02 - 12/31/02	3949 13381	\$38,100
Harton,John	Primary PI Physics Fermi Ntl Accelerator Lab (Fermilab)	Construction of Pierre Auger Observatory Ground Array Components	3/25/02 - 12/31/02	3949 13381	\$250,000
Harton,John	Primary PI Physics Fermi Ntl Accelerator Lab (Fermilab)	Construction of Pierre Auger Observatory Ground Array Components	3/25/02 - 12/31/02	3950 13381	\$130,000
Harton,John	Primary PI Physics Fermi Ntl Accelerator Lab (Fermilab)	Construction of Pierre Auger Observatory Ground Array Components	3/25/02 - 12/31/02	3950 13381	\$65,500
Hochheimer,Hans D Dorhout,Peter K	Primary PI Co-PI Physics NSF-CISE-Computer & Info Sci & Engin	Study of Structure-physical Properties Relation of New Materials with Reduced Dimensionality	3/1/01 - 2/28/04	3212 2697	\$101,667
Hochheimer,Hans D Dorhout,Peter K	Primary PI Co-PI Physics NSF-CISE-Computer & Info Sci & Engin	Study of Structure-physical Properties Relation of New Materials with Reduced Dimensionality - REU	3/1/01 - 2/28/04	3272 12893	\$5,250
Lee,Siu Au	Primary PI Physics NSF - National Science Foundation	Optical Manipulation of Group III Atoms	9/1/02 - 8/31/05	3114 12426	\$174,698
Lundeen,Stephen R	Primary PI Physics DOE-Basic Energy Sci / Univ & Sci Educ	Ion/Excited-Atom Collision Studies with a Rydberg Target & a CO2 Laser	9/1/96 - 8/31/02	3812	\$72,753
Lundeen,Stephen R	Primary PI Physics DOE-Basic Energy Sci / Univ & Sci Educ	Ion/Excited-Atom Collision Studies with a Rydberg Target & a CO2 Laser - OFF CAMPUS	9/1/96 - 8/31/02	3814	\$47,265

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Patton,Carl E	Primary PI	Physics DOC-NIST-Nat. Inst. Standards & Tech..	9/28/01 - 9/30/02	1283 11905	\$50,854
Patton,Carl E	Primary PI	Physics DOD-NAVY-ONR-Office of Naval Research	10/1/93 - 9/30/02	2329	\$120,000
Patton,Carl E	Primary PI	Physics DOD-ARMY-ARO-Army Research Office	6/1/02 - 12/31/02	2355 11771	\$15,000
Patton,Carl E	Primary PI	Physics NSF - National Science Foundation	11/1/01 - 10/31/04	3307 10819	\$115,000
Patton,Carl E	Primary PI	Physics APC-Academy of Applied Science	6/1/02 - 5/31/03	5370	\$7,500
Patton,Carl E	Primary PI	Physics NATO-North Atlantic Treaty Organization	8/15/01 - 8/15/03	5767 11210	\$7,000
Patton,Carl E	Primary PI	Physics NATO-North Atlantic Treaty Organization	8/15/01 - 8/15/03	5767 11210	\$861
Patton,Carl E	Primary PI	Physics APC-Academy of Applied Science	5/1/91 - 5/31/02	6610	\$7,500
She,Chiaoyao Krueger,David A	Primary PI Co-PI	Physics NASA - Natl Aeronautics & Space Admin.	9/1/00 - 4/30/03	1971 992198	\$68,600
She,Chiaoyao Krueger,David A	Primary PI Co-PI	Physics CoRA - Colorado Research Associates	8/1/00 - 11/30/02	2600 992231	\$100,800
She,Chiaoyao Krueger,David A	Primary PI Co-PI	Physics NSF - National Science Foundation	1/1/01 - 12/31/05	3167 2021	\$126,001
She,Chiaoyao Krueger,David A	Primary PI Co-PI	Physics NSF - National Science Foundation	1/1/01 - 12/31/05	3292 2021	\$10,000
Sites,James R	Primary PI	Physics Midwest Research Institute - NREL	9/1/01 - 8/29/04	3900 11253	\$52,000
Sites,James R	Primary PI	Physics Midwest Research Institute - NREL	9/1/01 - 8/31/04	3900 11253	\$53,000

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**Inter-departmental Project

Natural Sciences - Awards

Investigators/Collaborators	Department/Sponsor	Title	Start Date End Date	5-3 Proj # PASS #	Award Amount	
Sites,James R	Primary PI	Physics Midwest Research Institute - NREL	Device Physics of Thin-film Polycrystalline Solar Cells	9/1/01 - 8/29/04	3900 11253	\$104,127
Sites,James R	Primary PI	Physics Midwest Research Institute - NREL	Device Physics of Thin-film Polycrystalline Solar Cells	9/1/01 - 8/29/04	3900 11253	\$48,500
Sites,James R	Primary PI	Physics CRDF Civilian Rsrch & Dvlpmt Foundation	Development of New Techniques of CdS-CdTe Solar Cell Enhancement	9/1/01 - 3/30/03	5765 11088	\$7,000
Toki,Walter Wilson,Robert	Primary PI Co-PI	Physics DOE - US Department of Energy	Research in High Energy Physics	4/15/93 - 4/14/05	3852	\$252,053
Wilson,Robert Toki,Walter	Primary PI Co-PI	Physics DOE - US Department of Energy	Research in High Energy Physics	1/1/95 - 4/14/05	3819	\$181,947
Beauvais,Frederick	Primary PI	Psychology HHS-PHS-Drug Abuse Research Programs	Drug Use Among Young Indians: Epidemiology & Prediction	9/1/83 - 8/31/05	4526 636	\$368,627
Beauvais,Frederick	Primary PI	Psychology HHS-NIH-National Institutes of Health	Reduction of Alcohol Use through a Collaborative Research Project	9/21/00 - 9/29/03	4532 2696	\$86,572
Beauvais,Frederick	Primary PI	Psychology HHS-PHS-Drug Abuse Research Programs	Drug Use Among Young Indians: Epidemiology & Prediction	9/1/83 - 8/31/05	4539 636	\$26,440
Beauvais,Frederick	Primary PI	Psychology HHS-PHS-Drug Abuse Research Programs	Drug Use Among Young Indians: Epidemiology & Prediction	9/1/83 - 8/31/05	4560	\$15,111
Stallones,Lorann	Primary PI	Psychology HHS-CDC-Centers for Disease Control	Understanding & Treating High Anger Drivers From Rural & Non-Rural Backgrounds	9/1/95 - 7/31/06	7876 10161	\$135,146
Hamilton,Scott B Chavez,Ernest L	Primary PI Co-PI	Psychology CCHE-Commission on Higher Education	Counseling Psychology Program & the Tri- Ethnic Center for Prevention Research: Program of Excellence	7/1/01 - 6/30/02	0187	\$140,000
Oetting,Eugene R	Primary PI	Psychology HHS-PHS-Drug Abuse Research Programs	Tri-Ethnic Center for Prevention Research	9/1/95 - 11/30/04	4611 12311	\$27,586
Oetting,Eugene R	Primary PI	Psychology HHS-PHS-Drug Abuse Research Programs	Tri-Ethnic Center for Prevention Research	9/1/95 - 11/30/04	4611 12311	\$12,414
Oetting,Eugene R	Primary PI	Psychology HHS-PHS-Drug Abuse Research Programs	The Tri-Ethnic Center for Prevention Research	7/15/00 - 11/30/04	4613 980693	\$982,178
Rosen,Lee A	Primary PI	Psychology Poudre School District R-1	School Consultation / Special Education	9/1/91 - 6/30/02	5625	\$59,000

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Natural Sciences - Awards

Investigators/Collaborators	Department/Sponsor	Title	Start Date End Date	5-3 Proj # PASS #	Award Amount
Rosen, Lee A	Primary PI Psychology Poudre School District R-1	School Consultation / Special Education	9/1/91 - 6/30/02	5625	\$2,477
Seger, Carol A	Primary PI Psychology HHS-NIH-National Institutes of Health	Neural Substrates of Concept Learning	9/1/01 - 8/31/02	4557 10254	\$72,500
Swaim, Randall C Kelly, Kathleen J	Primary PI Co-PI Psychology HHS-PHS-Drug Abuse Research Programs	Using Media to Prevent Violence Among Rural Youth	9/30/00 - 8/31/03	4533 1971	\$290,000
Thurman, Pamela J Edwards, Ruth W Swaim, Randall C	Primary PI Co-PI Psychology HHS-CDC-Environ. Hlth & Injury Control	Cultural & Community Context of Perpetration of Intimate Violence in Rural & Ethnic Communities	9/30/00 - 9/29/03	4534 1972	\$300,000
Thurman, Pamela J Edwards, Ruth W Swaim, Randall C	Primary PI Co-PI Psychology HHS-CDC-Environ. Hlth & Injury Control	Cultural & Community Context of Perpetration of Intimate Violence in Rural & Ethnic Communities	9/30/00 - 9/29/03	4554 1972	\$300,000
Thurman, Pamela J	Primary PI Psychology US Department of Justice	A Longitudinal Study of Native Youth Risk for Delinquency Using the Community Readiness Model	3/1/02 - 2/28/04	9636 12481	\$649,982
Vattano, Frank J	Primary PI Psychology Psi Chi-Psychology Natl Honor Society	The Many Faces of Psychology Video	1/3/02 - 8/30/02	5312 13295	\$20,000
Bowden, David C	Primary PI Statistics Colorado Division of Wildlife	Research Design	4/8/02 - 6/30/02	0552 13700	\$20,000
Breidt, F. Jay	Primary PI Statistics US Department of Labor	Using American Community Survey Data to Estimate Local Area Unemployment Characteristics	8/3/01 - 9/1/02	1012 12029	\$23,358
Breidt, F. Jay	Primary PI Statistics Iowa State University	Statistical Methods for Soil Survey Updates	10/1/00 - 9/30/02	2221 11420	\$23,639
Breidt, F. Jay Urquhart, N. Scott	Primary PI Co-PI Statistics Oregon State University	Applying Design-Based Model Assisted Survey Methodology to Aquatic Resources	12/28/01 - 10/14/05	5920 11192	\$141,136
Breidt, F. Jay	Primary PI Statistics USDA-USFS-Rocky Mtn. Rsrch Station - UT	Nonparametric Model-Assisted Survey Estimation for Forest Inventory & Monitoring	12/6/01 - 11/1/01	8823 12113	\$100,000
Davis, Richard A	Primary PI Statistics USDA-USFS-Rocky Mtn. Rsrch Station - CO	Statistical Estimation for Annual Forest Inventory & Monitoring	9/6/99 - 10/30/02	8861	\$15,000
Davis, Richard A Urquhart, N. Scott	Primary PI Co-PI Statistics EPA - Environmental Protection Agency	Applying Spatial & Temporal Modeling of Statistical Surveys to Aquatic Resources	10/1/01 - 9/30/05	5817 11081	\$631,457

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**Inter-departmental Project

Natural Sciences - Awards

Investigators/Collaborators	Department/Sponsor	Title	Start Date End Date	5-3 Proj # PASS #	Award Amount
Davis,Richard A Urquhart,N. Scott	Primary PI Co-PI EPA - Environmental Protection Agency	Statistics Applying Spatial & Temporal Modeling of Statistical Surveys to Aquatic Resources	10/1/01 - 9/30/05	5817 11081	\$595,316
Davis,Richard A Theobald,David M Urquhart,N. Scott	Primary PI Co-PI EPA - Environmental Protection Agency	Statistics Applying Spatial & Temporal Modeling of Statistical Surveys to Aquatic Resources	10/1/01 - 9/30/05	5818 11081	\$117,980
Davis,Richard A Theobald,David M Urquhart,N. Scott	Primary PI Co-PI EPA - Environmental Protection Agency	Statistics Applying Spatial & Temporal Modeling of Statistical Surveys to Aquatic Resources	10/1/01 - 9/30/05	5818 11081	\$153,827
Givens,Geof H	Primary PI NSF-MPS-Mathematical & Physical Sciences	Statistics CAREER; Bayesian Simulation Modeling	8/15/99 - 7/31/03	3569 981048	\$50,000
Givens,Geof H	Primary PI North Slope Borough (Alaska)	Statistics Completion of a Bowhead Aboriginal Whaling Management Procedure	1/2/02 - 6/30/02	5182 12300	\$67,585
Hoeting,Jennifer A Davis,Richard A	Primary PI Co-PI USDA-ARS-Agricultural Research Service	Statistics Statistical Modeling for Farming Operations	9/21/01 - 8/31/06	2119	\$25,640
Hoeting,Jennifer A Davis,Richard A	Primary PI Co-PI USDA-ARS-Agricultural Research Service	Statistics Statistical Modeling for Farming Operations	9/21/01 - 8/31/06	2119	\$26,900
Iyer,Hariharan K	Primary PI DOC-NIST-Nat. Inst. Standards & Tech..	Statistics Inter-Personnel Agreement	2/1/02 - 7/31/02	1286	\$43,686
Iyer,Hariharan K	Primary PI DOI-NPS-National Park Service	Statistics Statistical Analyses Related to Air Quality & Atmospheric Visibility	9/1/00 - 8/31/02	2878 2537	\$73,337
Lee,Chun Man	Primary PI UCAR-NCAR-Nat Ctr for Atmospheric Res	Statistics Statistical Research for Weather Prediction & Climate Change	8/15/01 - 6/30/02	3401 12130	\$19,188
Natural Sciences Total:					\$25,748,237

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Awards Received includes all new and incremental funding toward a new or existing project.

Vet. Medicine & Biomedical Sciences - Awards

Investigators/Collaborators	Department/Sponsor	Title	Start Date End Date	5-3 Proj # PASS #	Award Amount
Beam,Kurt G	Primary PI	Anatomy & Neurobiology Brigham and Womens Hospital	8/1/01 - 7/31/02	4331	\$213,861
Beam,Kurt G	Primary PI	Anatomy & Neurobiology HHS-PHS-Biol Basis Research in Neurosci	5/1/99 - 7/31/06	4550	\$362,500
Beam,Kurt G Wilkins,Christina M	Primary PI Co-PI	Anatomy & Neurobiology HHS-NIH-NIMH-Nat Inst of Mental Health	9/29/99 - 9/28/02	4905 990961	\$21,428
Beam,Kurt G	Primary PI	Anatomy & Neurobiology Muscular Dystrophy Association, Inc.	1/1/00 - 12/31/02	5128 992622	\$68,146
Beam,Kurt G	Primary PI	Anatomy & Neurobiology MDA Scientific Incorporated	7/1/00 - 6/30/03	5613 1214	\$35,000
Beam,Kurt G	Primary PI	Anatomy & Neurobiology American Heart Association	7/1/00 - 6/30/02	5689 772	\$18,000
Dudek,F Edward	Primary PI	Anatomy & Neurobiology University of Colorado Health Sci Ctr	8/1/01 - 7/31/05	4337 2584	\$185,296
Dudek,F Edward	Primary PI	Anatomy & Neurobiology HHS-PHS-Biol Basis Research in Neurosci	12/1/87 - 1/31/03	4492 980668	\$284,875
Dudek,F Edward Pouliot,Wendy A	Primary PI Co-PI	Anatomy & Neurobiology HHS-NIH-National Institutes of Health	3/1/01 - 2/28/04	4902 1873	\$46,192
Dudek,F Edward	Primary PI	Anatomy & Neurobiology Johnson & Johnson	5/23/02 - 5/22/03	6143 13741	\$90,000
Handa,Robert J	Primary PI	Anatomy & Neurobiology HHS-PHS-Alcohol Research Programs	3/1/00 - 2/29/04	4518 992165	\$290,000
Handa,Robert J	Primary PI	Anatomy & Neurobiology HHS-NIH-National Institutes of Health	1/15/01 - 12/31/03	4538 992217	\$325,001
Kinnamon,Sue C	Primary PI	Anatomy & Neurobiology University of Colorado Health Sci Ctr	4/1/01 - 3/31/02	4326	\$145,084
Kinnamon,Sue C	Primary PI	Anatomy & Neurobiology University of Colorado Health Sci Ctr	4/1/99 - 3/31/03	4342	\$149,437
Kinnamon,Sue C	Primary PI	Anatomy & Neurobiology HHS-NIH-NIDCD-Deafness & Other Comm. Dis	4/1/90 - 3/31/04	4493	\$194,695

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Vet. Medicine & Biomedical Sciences - Awards

Investigators/Collaborators	Department/Sponsor	Title	Start Date End Date	5-3 Proj # PASS #	Award Amount	
Magnusson,Kathy	Primary PI	Anatomy & Neurobiology HHS-PHS-Aging Research	Subunit Changes in Aging NMDA Receptors Affect Memory	9/30/99 - 7/31/03	4503 980153	\$191,110
Mcconnell,Sherry	Primary PI	Anatomy & Neurobiology	Virtual Farm Animal Anatomy	9/1/01 -	1483	\$99,245
Schoenfeld,Regina M	Co-PI	USDA-CSREES-Coop State Rsrch Edu & Ext		8/31/04	11255	
Whalen,Lawrence Ray	Co-PI					
Partin,Kathryn M	Primary PI	Anatomy & Neurobiology HHS-NIH-Center for Scientific Review	Glutamate Receptor Desensitization & Its Modulation	9/21/01 - 7/31/06	4434 10385	\$238,633
Partin,Kathryn M	Primary PI	Anatomy & Neurobiology American Heart Association	The Molecular Mechanism of Allosteric Modulation of Glutamate Receptors	1/1/00 - 12/31/03	5104 990800	\$65,000
Pickard,Gary E	Primary PI	Anatomy & Neurobiology	5HT Presynaptic Inhibition of Retinal Input to the Hypothalamic Suprachiasmatic Nucleus	8/21/97 - 6/30/04	4323	\$362,500
Dudek,F Edward	Co-PI	HHS-PHS-Biol Basis Research in Neurosci				
Rash,John E	Primary PI	Anatomy & Neurobiology HHS-PHS-Biol Basis Research in Neurosci	Aquaporin Water Channels in Brain & Spinal Cord	8/6/99 - 7/31/03	4508 980213	\$292,540
Rash,John E	Primary PI	Anatomy & Neurobiology	Gap Junctions & Connexins in Developing Central Nervous System	5/1/02 - 4/30/06	4561 11627	\$275,500
Furman,C.Sue	Co-PI	HHS-NIH-National Institutes of Health				
Davidson,Kimberly Gail	Collaborator					
Partin,Kathryn M	Collaborator					
Yasumura,Thomas	Collaborator					
Rash,John E	Primary PI	Anatomy & Neurobiology HHS-NIH-National Institutes of Health	Zeiss LSM 510 Laser Scanning Microscope	5/1/02 - 4/30/03	4562 1760	\$341,154
Reist,Noreen E	Primary PI	Anatomy & Neurobiology NSF-Biological Sciences	Functional Analysis of Synaptotagmin Domain Structure REU	5/15/00 - 5/31/05	3088 13454	\$5,096
Reist,Noreen E	Primary PI	Anatomy & Neurobiology March of Dimes	Functional Analysis of Ca ⁺⁺ -binding by the C2B Domain of Synaptotagmin	6/1/00 - 5/31/03	5410 575	\$63,987
Billinghurst,R. Clark	Primary PI	Clinical Sciences	The Evaluation of a Matrix Metalloproteinase Inhibitor in the Dog	12/1/98 - 11/30/02	6336 990593	\$60,874
Mcilwraith,C Wayne	Co-PI	Bayer Corp / Ag - Animal Health Division				
Billinghurst,R. Clark	Primary PI	Clinical Sciences	Immunoassays to Measure Body Fluid Levels of Collagen Fragments in a Guinea Pig Model of Osteoarthritis	11/1/01 - 10/31/02	8259 2610	\$27,206
Mcilwraith,C Wayne	Co-PI	Pfizer Inc - Animal Health				
Dernell,William S	Primary PI	Clinical Sciences DOD-ARMY-Military Medical Research & Dev	Evaluation of Intracavitary Chemotherapy Delivery for Treatment of Mammary Carcinoma	3/28/02 - 3/27/05	2351 11830	\$35,173
Dernell,William S	Primary PI	Clinical Sciences DOD-ARMY-Military Medical Research & Dev	Evaluation of Intracavitary Chemotherapy Delivery for Treatment of Mammary Carcinoma	3/28/02 - 3/27/05	2351 11830	\$74,846

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Vet. Medicine & Biomedical Sciences - Awards

Investigators/Collaborators	Department/Sponsor	Title	Start Date End Date	5-3 Proj # PASS #	Award Amount
Dernell,William S	Primary PI Clinical Sciences DOD-ARMY	Evaluation of Intracavitary Chemotherapy Delivery for Treatment of Mammary Carcinoma	5/14/02 - 5/13/05	2365 11829	\$315,920
Dernell,William S	Primary PI Clinical Sciences University of Colorado	Design, Synthesis, & Evaluation of Activated Doxorubicin Targeted to Advanced Prostate Cancer	6/1/02 - 6/30/04	2621 11122	\$47,885
Dernell,William S	Primary PI Clinical Sciences Irish Wolfhound Club of America	Bisphosphonate Treatment for Osteosarcoma	12/1/01 - 11/30/02	5167 12003	\$5,945
Dernell,William S	Primary PI Clinical Sciences University of Colorado	Synthesis & Evaluation of a New Drug for Metastatic, Resistant Prostate & Breast Cancer	4/1/01 - 6/30/02	7539 10357	\$24,153
Dow,Steven W	Primary PI Clinical Sciences Morris Animal Foundation	Genetic Immunotherapy for Feline Chronic Rhinitis- Sinusitis in Cats	3/1/02 - 4/1/03	5266 13600	\$57,706
Dow,Steven W	Primary PI Clinical Sciences Morris Animal Foundation	Inhibition of Tumor Angiogenesis by Systemic Vascular Gene Delivery	1/1/02 - 12/31/02	5267 13601	\$69,671
Dow,Steven W	Primary PI Clinical Sciences HHS-NIH-Center for Scientific Review	Tumor Angiogenesis Inhibition by Systemic Gene Delivery	8/11/00 - 7/31/05	7653 12263	\$71,524
Dow,Steven W	Primary PI Clinical Sciences HHS-NIH-Center for Scientific Review	Tumor Angiogenesis Inhibition by Systemic Gene Delivery	8/11/00 - 7/31/05	7653 12263	\$163,125
Frisbie,David D Billinghurst,R. Clark	Primary PI Co-PI Clinical Sciences Grayson-Jockey Club Research Foundation	Serum Markers for Detection of Musculoskeletal Injury in Horses	4/1/00 - 3/31/03	5235 568	\$39,060
Frisbie,David D	Primary PI Clinical Sciences Morris Animal Foundation	Novel Methods for Diagnosis & Gene Transfer for Treatment of Impaired Fracture Healing	10/1/00 - 9/30/02	5404 1916	\$55,429
Frisbie,David D	Primary PI Clinical Sciences Medical Research Council of Canada	Healing of Full Thickness Chondral Defects with Arthroscopic Subchondral Bone Plate Microfracture using IGF-1 ...	5/1/00 - 3/31/03	5718 2479	\$7,166
Frisbie,David D	Primary PI Clinical Sciences Medical Research Council of Canada	Healing of Full Thickness Chondral Defects with Arthroscopic Subchondral Bone Plate Microfracture using IGF-1 ...	5/1/00 - 3/31/03	5718 2479	\$7,401
Frisbie,David D	Primary PI Clinical Sciences Medical Research Council of Canada	Healing of Full Thickness Chondral Defects with Arthroscopic Subchondral Bone Plate Microfracture using IGF-1 ...	5/1/00 - 3/31/03	5718 2479	\$7,120
Frisbie,David D	Primary PI Clinical Sciences Medical Research Council of Canada	Healing of Full Thickness Chondral Defects with Arthroscopic Subchondral Bone Plate Microfracture using IGF-1 ...	5/1/00 - 3/31/03	5718 2479	\$9,335

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Vet. Medicine & Biomedical Sciences - Awards

Investigators/Collaborators	Department/Sponsor	Title	Start Date End Date	5-3 Proj # PASS #	Award Amount
Frisbie,David D Mcilwraith,C Wayne	Primary PI Collaborator Clinical Sciences Mitek	Autologous Chondrocyte Transplantation via a Collagen Membrane - 7000.002	9/28/01 - 9/27/02	8201 12236	\$496,254
Frisbie,David D Kawcak,Christopher E	Primary PI Co-PI Clinical Sciences Dynamix	Evaluating Reduction in Lameness or Prevention of Pathological Bone Changes Following Application of Dynamix Shoes	1/1/01 - 12/31/03	8239 10504	\$145,215
Frisbie,David D	Primary PI Clinical Sciences Mitek	A Pilot Study Assessing the Feasibility of Staple Fixation of A3-D Cartilage Construct-7000.001	3/5/01 - 5/4/02	8247 10994	\$3,024
Frisbie,David D Kawcak,Christopher E Mcilwraith,C Wayne	Primary PI Co-PI Collaborator Clinical Sciences Mitek	Autologous Chondrocyte Transplantation via a Collagen Membrane - 7000.003	4/9/02 - 4/8/04	8272 13341	\$744,712
Frisbie,David D Mcilwraith,C Wayne	Primary PI Co-PI Clinical Sciences Pfizer Inc - Animal Health	Evaluation of an MMP Inhibitor in an Osteochondral fragment - Exercise Model of OA in Horses	5/29/02 - 5/28/03	8275 12692	\$184,304
Gaynor,James S	Primary PI Clinical Sciences Neogen Corporation	Novel Intravenous Euthanasia in Dogs	9/1/01 - 1/15/02	8200 12306	\$35,383
Gaynor,James S	Primary PI Clinical Sciences Orion Pharma	Medetomidine Retrospective Review Project	1/28/02 - 6/30/02	8266 12672	\$7,158
Gaynor,James S	Primary PI Clinical Sciences Boehringer Ingelheim Pharmaceuticals	Meloxicam for Alleviation of Ovariohysterectomy Induced Pain-Pilot Study	5/1/02 - 9/30/02	8276 13485	\$10,805
Greco,Deborah S	Primary PI Clinical Sciences Morris Animal Foundation	Modification of Insulin Therapy in Feline Diabetes Mellitus Using High Fiber versus High Protein Diets	2/1/02 - 1/31/03	5265 13514	\$24,000
Kawcak,Christopher E	Primary PI Clinical Sciences Daiichi Fine Chemicals	Evaluation of the Degree & Pattern of Skin Cooling by the Winback Horse Cooling Sheet	10/1/01 - 1/31/02	8256 11398	\$34,416
Kimberling,Cleon V	Primary PI Clinical Sciences USDA-ARS-Agricultural Research Service	Preserve Warhill Ram Germplasm	9/26/00 - 9/14/03	2070 10322	\$10,000
Lappin,Michael R	Primary PI Clinical Sciences Robert H. Winn (Winn Feline) Foundation	Transmission of Mycoplasma haemofeils & Mycoplasma haemominutum by Ctenocephalidies felis & Treatment with	4/1/02 - 3/31/03	5269 12719	\$13,282
Lappin,Michael R	Primary PI Clinical Sciences Fort Dodge Animal Health (old Cyanamid)	Efficacy of Giardia Vaccination for Treatment of Giardiasis in Cats	3/1/01 - 9/30/01	8248 10534	\$8,363
Lappin,Michael R	Primary PI Clinical Sciences Heska Corporation (Paravax)	Diagnosis and Treatment of Cryptosporidium & Giardia Infections in Dogs & Cats	11/1/01 - 4/30/03	8258 12429	\$96,993

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**Inter-departmental Project

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Vet. Medicine & Biomedical Sciences - Awards

Investigators/Collaborators	Department/Sponsor	Title	Start Date End Date	5-3 Proj # PASS #	Award Amount
Lappin,Michael R Hackett,Timothy B	Primary PI Co-PI Clinical Sciences Heska Corporation (Paravax)	Prevalence of Haemobartonella felis & Bartonella spp. in Blood Donor Cats	11/1/01 - 10/31/02	8262 12441	\$7,431
Lappin,Michael R	Primary PI Clinical Sciences Heska Corporation (Paravax)	Wellness Screening as Early Indicator of Disease in Dogs and Cats	2/10/02 - 2/9/06	8267 12545	\$51,040
Mccue,Patrick M	Primary PI Clinical Sciences DOI-USGS-Geological Survey	A Comparison of Contraceptive Agents in the Domestic Mare	8/1/01 - 12/30/04	1862 11881	\$47,000
Monnet,Eric	Primary PI Clinical Sciences University of Colorado Health Sci Ctr	Evaluation of Left Ventricular Filling in Two Models of Heart Failure in Dogs: Pilot Study	3/1/02 - 2/28/03	0548 13183	\$17,680
Monnet,Eric	Primary PI Clinical Sciences Quetzal Biomedical, Inc.	Cardiac Pacing for the Treatment of Heart Failure: Pilot Study	3/1/02 - 5/2/02	8270 13049	\$8,472
Mueller,Ralf S Avery,Anne C Bettenay,Sonya V.T Rosychuk,Rod A W	Primary PI Co-PI Collaborator Collaborator Clinical Sciences Morris Animal Foundation	Conventional & Rush Immunotherapy in Canine Atopic Dermatitis	9/1/01 - 2/28/04	5263 11379	\$17,386
Nelson,Albert W	Primary PI Clinical Sciences DOC-NOAA-Natl Oceanic & Atmospheric Admn	A Study to Evaluate Transmitter Implant Methodology	7/1/01 - 6/30/03	1285 11380	\$331,444
Ogilvie,Gregory K	Primary PI Clinical Sciences Heska Corporation (Paravax)	Canine Interleukin-2-Staphylococcus Aureus Enterotoxin Immunotherapy: Immunogenicity Field Trial in Dogs ...	2/1/02 - 4/30/05	8274 13477	\$8,858
Pluhar,G.Elizabeth Reems,Michael R Wheeler,Donna	Primary PI Collaborator Collaborator Clinical Sciences Veterinary Orthopedic Society	Ex Vivo Biomechanical Testing of Modifications to an Interlocking Nailing System for Fixation of Unstable Canine Long ...	4/1/02 - 3/31/03	5383 12722	\$10,000
Traub-Dargatz,Josie L	Primary PI Clinical Sciences USDA-APHIS-Animal Plant Health Insp Srvc	Equine Specialist for Centers for Epidemiology & Animal Health	5/31/02 - 6/1/03	2141 13562	\$29,465
Turner,Anthony Simon	Primary PI Clinical Sciences Hospital for Special Surgery	Meniscal Allograft Transplantation in The Sheep Knee: Evaluation of Early Markers for Degenerative Change & ...	10/1/01 - 7/31/03	5136 12265	\$39,743
Turner,Anthony Simon	Primary PI Clinical Sciences Kerlan-Jobe Orthopaedic Clinic	Histologic & Gross Analysis of the Effect of a Coblation Created Defect Versus Mechanically Created Defect on...	1/26/00 - 1/1/03	5174 986	\$42,640
Turner,Anthony Simon	Primary PI Clinical Sciences Kerlan-Jobe Orthopaedic Clinic	Histologic & Gross Analysis of the Effect of a Coblation Created Defect Versus Mechanically Created Defect on...	1/26/00 - 8/31/02	5174 986	\$13,000

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**Inter-departmental Project

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Vet. Medicine & Biomedical Sciences - Awards

Investigators/Collaborators	Department/Sponsor	Title	Start Date End Date	5-3 Proj # PASS #	Award Amount
Turner,Anthony Simon	Primary PI Clinical Sciences Hospital for Special Surgery	An Evluation of Osteochondral Allograft Transplantation in an Ovine Model	1/16/02 - 7/31/03	5188 11415	\$51,556
Turner,Anthony Simon	Primary PI Clinical Sciences Hospital for Special Surgery	The Role of Aperture Fixation in Tendon to Bone Healing	2/4/02 - 12/31/02	5328 13166	\$63,179
Turner,Anthony Simon	Primary PI Clinical Sciences Hospital for Special Surgery	Evaluation of Rotator Cuff Repair Using Allograft Bone Screws: Early & Delayed Repair	12/14/00 - 3/15/02	5339 10671	\$27,620
Turner,Anthony Simon	Primary PI Clinical Sciences Hospital for Special Surgery	The Effect of Ultraviolet Irradiation on Muskuloskeletal Tissues in the Knee: An Experimental Study in Sheep	4/15/02 - 5/15/03	5353 13337	\$86,387
Turner,Anthony Simon	Primary PI Clinical Sciences Sofamor-Danek	Evaluation of the Use of rhBMP-2 with Upright Cages & Posterior Instrumentation: A Study in Sheep	6/1/99 - 12/31/01	6388	\$10,264
Turner,Anthony Simon	Primary PI Clinical Sciences Sofamor-Danek	Evaluation of the Use of rhBMP-2 with Upright Cages and Posterior Instrumentation: A Study in Sheep	6/1/99 - 12/31/01	6388	\$10,263
Turner,Anthony Simon	Primary PI Clinical Sciences Henry Ford Health System (Hospital)	Modulation of Local Bone Tissue Material Properties	8/1/01 - 5/31/02	7535 10492	\$117,596
Turner,Anthony Simon	Primary PI Clinical Sciences Medtronic, Inc.	Neck Fusion in an Ovine Model	3/1/01 - 10/31/02	8245 10804	\$50,047
Turner,Anthony Simon	Primary PI Clinical Sciences Stryker Biotech	Vertebroplasty in Ovariectomized-Calcium- Deficient Sheep	6/4/01 - 3/1/03	8249 11417	\$87,381
Turner,Anthony Simon	Primary PI Clinical Sciences Medtronic, Inc.	Evaluation of Threaded Composite Interbody Spine Implants Using Autograft & BMP-II: A Study in Sheep (Phase 5)	7/1/01 - 12/2/02	8253 11637	\$1,890
Turner,Anthony Simon	Primary PI Clinical Sciences Medtronic, Inc.	Evaluation of Threaded Composite Interbody Spine Implants Using Autograft & BMP-II: A Study in Sheep (Phase 5)	7/1/01 - 12/2/02	8253 11637	\$38,429
Turner,Anthony Simon	Primary PI Clinical Sciences Medtronic, Inc.	Evaluation of Threaded Composite Interbody Spine Implants Using Autograft & BMP-II: A Study in Sheep (Phase 5)	7/1/01 - 6/30/02	8253 11637	\$44,200
Turner,Anthony Simon	Primary PI Clinical Sciences Orthovita, Inc.	Evaluation of Rhakoss for Anterior Lumbar Interbody Fusion: A Pilot Study in Sheep	11/1/01 - 10/31/02	8257 12333	\$30,988

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Turner,Anthony Simon	Primary PI Clinical Sciences EBI-Electro-Biology, Inc.	Lumbar Interbody Fusions with Machined Allograft Spacers: A Study of Electrical Stimulation & Biological Adjuncts . . .	11/27/01 - 12/31/02	8260 12417	\$75,839
Turner,Anthony Simon	Primary PI Clinical Sciences Howmedica	Oxidation of Ultra-High Molecular Weight Poly Ethylene in vivo-Phase 2	12/12/01 - 12/11/07	8261 12419	\$11,373
Turner,Anthony Simon	Primary PI Clinical Sciences Replication Medical Inc.	In Vivo Evaluation of an Artificial Nucleus Pulposus	1/30/02 - 4/15/02	8263 12960	\$2,959
Turner,Anthony Simon	Primary PI Clinical Sciences Arthrotek, Inc.	The Effects of Swine Small Intestine Submucosa Augmentation of Tendon Healing under Tension: Histologic & . . .	4/10/02 - 5/30/03	8269 12953	\$67,964
Turner,Anthony Simon	Primary PI Clinical Sciences Howmedica	Evaluation of Bone Source Plus Carboxymethyl Cellulose for Use in Vertebroplasty: In Vivo Evaluation Using a Sheep	3/27/02 - 3/31/05	8271 13336	\$169,064
Turner,Anthony Simon	Primary PI Clinical Sciences Medtronic, Inc.	Evaluation of Threaded Composite Interbody Spine Implants Using Autograft & BMP-II: A Study in Sheep (Phase 7)	9/1/01 - 8/31/02	8273 13357	\$61,412
Turner,Anthony Simon	Primary PI Clinical Sciences Orthologic	Repair of Chondral Defects with Thrombin- related Peptide (TP-508) in an Ovine Knee Model	4/24/02 - 12/31/02	8277 13604	\$61,931
Turner,Anthony Simon	Primary PI Clinical Sciences ETEX Corporation	Demineralized Bone Matrix (DBM) with ETEX Injectable Ceramic for Anterior Interbody Fusion - Phase II	6/1/02 - 5/31/02	8278 13740	\$38,525
Turner,Anthony Simon	Primary PI Clinical Sciences Wyeth Research	The Effects of BMP-12 for Augmentation of Tendon Healing: Phase 1	5/1/02 - 12/31/02	8279 13482	\$31,830
Perryman,Lance E	Primary PI Dean Of Vet Medicine USDA-CSREES-Coop State Rsrch Edu & Ext	Core Animal Diagnostic Laboratory	6/15/02 - 6/14/04	1484 13933	\$2,000,000
Powers,Barbara E	Primary PI Dean Of Vet Medicine USDA-APHIS-Animal Plant Health Insp Srvc	Tissue Digester Waste Reduction Plan	4/26/01 - 12/31/01	2004 11460	\$87,335
Powers,Barbara E	Primary PI Dean Of Vet Medicine USDA-APHIS-Animal Plant Health Insp Srvc	Tissue Digester Waste Reduction Plan	4/26/01 - 12/31/01	2004 11460	\$97,665
Andersen,Melvin E	Primary PI Environmental Health American Chemistry Council	Non-Linear Dose Response Relationships for Developmental Responses: An Example with Defeminization by . . .	8/21/01 - 8/16/04	5124 2289	\$597,672

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Andersen,Melvin E	Primary PI	Environmental Health Chemical Manufacturers Association (CMA)	Biologically Based Dose Response Modeling for Non-Linear & Threshold Effects with Receptor- Mediated Processes	8/1/00 - 7/31/03	5585 517	\$402
Andersen,Melvin E Handa,Robert J	Primary PI Collaborator	Environmental Health Syngenta	Is Hypothalamic Anti-estrogenicity Involved in the Early Onset Reproductive Sencence Caused by Atrazine in Female ...	10/8/01 - 9/30/02	6039 10801	\$138,808
Andersen,Melvin E Yang,Raymond S H	Primary PI Collaborator	Environmental Health HHS-NIH-Center for Scientific Review	Applying Chemical Engineering Concepts to Toxicology	9/30/01 - 9/29/03	7904 11288	\$36,992
Buchan,Roy M	Primary PI	Environmental Health DOL-OSHA-Occupa. Safety & Health Admin.	Occupational Health & Safety Consultation Program	10/1/97 - 9/30/02	1021	\$13,861
Buchan,Roy M	Primary PI	Environmental Health DOL-OSHA-Occupa. Safety & Health Admin.	Occupational Health & Safety Consultation Program	10/1/97 - 9/30/02	1021	\$804,000
Buchan,Roy M	Primary PI	Environmental Health DOL-OSHA-Occupa. Safety & Health Admin.	Occupational Health & Safety Consultation Program	10/1/97 - 9/30/02	1021	\$17,000
Buchan,Roy M	Primary PI	Environmental Health ** HHS-CDC-Centers for Disease Control	High Plains Intermountain Center for Agricultural Health & Safety	9/30/01 - 9/29/03	7634 11247	\$116,422
Burch,James B Reif,John S	Primary PI Co-PI	Environmental Health University of Washington	RF Exposure & Melatonin Levels in Heat Sealer Workers	8/1/01 - 5/31/02	7509 11284	\$147,681
Hanneman,William H	Primary PI	Environmental Health HHS-NIH-Bio Resp to Env Health Hazards	Trapping Developmental Genes that Respond to TCDD	1/15/00 - 12/31/02	7663 626	\$108,000
Herron,Robert E Gilkey,David P	Primary PI Co-PI	Environmental Health HHS-CDC-Occup Safety & Health (NIOSH)	Occupational Low Back Pain in Residential Carpentry: Ergonomic Elements of Posture & Strain	9/30/01 - 9/29/03	7652 1341	\$17,855
Morley,Paul S Hyatt,Doreene R	Primary PI Co-PI	Environmental Health ** HHS-FDA-Food & Drug Administration	Antimicrobial Use & Resistance in Enteric Bacteria	9/30/00 - 9/29/03	7622 1978	\$196,518
Nuckols,John R	Primary PI	Environmental Health HHS-NIH-Center for Scientific Review	Geographic-based Exposure Assessment of Agricultural Chemicals & Childhood Cancer	9/27/01 - 8/31/05	7620 10488	\$230,946
Nuckols,John R	Primary PI	Environmental Health Battelle Columbus Division	Exposure Assessment-Birth Defects Role Factors & Disinfection by Products	9/28/98 - 4/30/02	7640	\$47,000
Reif,John S	Primary PI	Environmental Health HHS-NIH-Natl Inst of Environ Health Serv	Human Responses to Residential Radiofrequency Exposure	8/20/96 - 4/30/04	7862 2571	\$266,169

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Reisfeld,Bradley Reardon,Kenneth F Yang,Raymond S H	Primary PI Co-PI Co-PI	Environmental Health ** HHS-NIH-National Institutes of Health	Biologically Based Reaction Network Modeling of P4502E1	8/1/01 - 7/31/06	7636 10227	\$127,825
Reynolds,Stephen J	Primary PI	Environmental Health University of Iowa	Rural Asthma Intervention Study	10/1/01 - 9/30/02	5921 12791	\$7,248
Reynolds,Stephen J	Primary PI	Environmental Health Battelle Memorial Institute	Agricultural Health Study-Pesticide Exposure Study: Iowa Field Study Year 03	2/15/02 - 1/31/03	5922 12688	\$20,815
Salman,M D	Primary PI	Environmental Health University of California at Davis	Certification of Disease Freedom in Animal Populations: Use of Bayesian Methods	10/15/01 - 10/31/03	1386 10762	\$47,951
Salman,M D Smith,Gary C Sofos,John N	Primary PI Co-PI Co-PI	Environmental Health USDA-CSREES-Coop State Rsrch Edu & Ext	Escherichia coli O157 in Cattle & Beef: Risks & Outreach Control Efforts	9/15/01 - 9/30/03	1422 11399	\$526,662
Salman,M D	Primary PI	Environmental Health USDA - US Department of Agriculture	Establishment of Center for Economically Important Infectious Animal Diseases	6/15/01 - 6/14/03	1479 13074	\$598,631
Salman,M D Traub-Dargatz,Josie L	Primary PI Co-PI	Environmental Health DOI-BLM-Bureau of Land Management	Preliminary Study of the Respiratory Disease Status of Wild Horses & Burros	7/30/01 - 7/30/06	1798 10655	\$89,785
Salman,M D	Primary PI	Environmental Health USDA - US Department of Agriculture	Molecular Epidemiology of Vesicular Stomatitis Virus	9/29/00 - 7/5/05	2065 10344	\$10,000
Salman,M D	Primary PI	Environmental Health USDA-APHIS-Animal Plant Health Insp Srvc	Support in the Design & Implementation of the National Scrapie Program	9/28/01 - 9/27/02	2086 12287	\$30,010
Salman,M D	Primary PI	Environmental Health USDA-APHIS-Animal Plant Health Insp Srvc	Development of Oral Vaccines to Control Brucellosis & Tuberculosis in Wild Ungulates	9/28/01 - 9/27/02	2093 12346	\$75,000
Salman,M D	Primary PI	Environmental Health USDA-Foreign Agricultural Service	Antimicrobial Susceptibility Patterns in Uruguayan Cattle: A Comparison with United States Cattle	9/1/01 - 8/31/02	2121 12742	\$17,272
Salman,M D	Primary PI	Environmental Health USDA - US Department of Agriculture	Enhancement of Approaches for Risk Analysis & Trade for Animal Health Issues	7/1/01 - 6/30/02	2179 2352	\$97,000
Salman,M D	Primary PI	Environmental Health USDA-APHIS-Animal Plant Health Insp Srvc	Participation in National Surveillance & Survey Systems: Design, Analysis, & Interpretation	7/15/00 - 6/30/02	2180 2685	\$24,711
Salman,M D	Primary PI	Environmental Health USDA-APHIS-Animal Plant Health Insp Srvc	Participation in National Surveillance & Survey Systems: Design, Analysis, & Interpretation	7/15/00 - 6/30/02	2180 2685	\$25,000

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Salman,M D	Primary PI	Environmental Health USDA-APHIS-Animal Plant Health Insp Srvc	Participation in National Surveillance & Survey Systems: Design, Analysis, & Interpretation	7/15/00 - 6/30/02	2180 2685	\$31,000
Salman,M D	Primary PI	Environmental Health USDA - US Department of Agriculture	Serologic & Molecular Approach for the Diagnosis of Tuberculosis in Cattle & Cervidae	7/1/01 - 6/30/02	2182 11289	\$74,489
Salman,M D	Primary PI	Environmental Health U.N.-Food & Agriculture Organization	Establishment of Global Internet Database for Export/Import Rules & Regulations of Animals & Animal Products	12/15/01 - 12/14/02	5706 12712	\$50,000
Stallones,Lorann	Primary PI	Environmental Health HHS-CDC-Centers for Disease Control	Colorado Injury Control Research Center	9/1/95 - 7/31/06	7873 10161	\$447,794
Stallones,Lorann	Primary PI	Environmental Health HHS-CDC-Centers for Disease Control	Evaluation of a Head & Spinal Cord Injury Prevention Program Among Migrant Youth	9/1/95 - 7/31/06	7877 10161	\$108,750
Yang,Raymond S H	Primary PI	Environmental Health HHS-NIH-Toxicological Research	Developing a Predictive Strategy for Chemical Mixtures	8/15/98 - 7/31/03	7601 980127	\$285,350
Yang,Raymond S H	Primary PI	Environmental Health HHS-NIH-Toxicological Research	Developing a Predictive Strategy for Chemical Mixtures (minority supplement D. Perez)	8/15/98 - 7/31/03	7660 980127	\$29,680
Yang,Raymond S H	Primary PI	Environmental Health HHS-CDC-Centers for Disease Control	Physiologically-Based Pharmacokinetic/Clonal Growth Modeling: Predicting Cancer Potential of Chemical Mixtures	6/1/01 - 5/31/04	7866 2116	\$260,418
Yang,Raymond S H Andersen,Melvin E Campain,Julie A	Primary PI Collaborator Collaborator	Environmental Health HHS-PHS-Toxic Substances & Dis. Registry	Integration of Mechanistic Carcinogenicity Studies with PBPK/PD Modeling ...	9/30/94 - 9/29/02	7872 11658	\$204,000
Yang,Raymond S H	Primary PI	Environmental Health HHS-NIH-Manpower Development in the EHS	Toxicologic Interactions of Chemical & Physical Agents	7/1/99 - 6/30/04	7914 980605	\$276,587
Yang,Raymond S H Andersen,Melvin E	Primary PI Co-PI	Environmental Health HHS-NIH-Manpower Development in the EHS	Physiologically Based Pharmacokinetic/ Pharmacodynamic Model of Kepone: Mechanisms of Toxic Interaction	11/1/99 - 10/31/02	7938 991847	\$4,556
Yang,Raymond S H Andersen,Melvin E	Primary PI Co-PI	Environmental Health HHS-NIH-Manpower Development in the EHS	Physiologically Based Pharmacokinetic/ Pharmacodynamic Model of Kepone: Mechanisms of Toxic Interaction	11/1/99 - 10/31/02	7938 991847	\$45,560
Beaty,Barry J	Primary PI	Microbiology HHS-CDC-Centers for Disease Control	Trafficking Potential of West Nile Virus into Mexico	9/30/01 - 9/29/04	4457 11779	\$211,000
Beaty,Barry J Blair,Carol D	Primary PI Co-PI	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	Mosquito Reservoirs for Bunyavirus Transeasonality	1/1/02 - 12/31/02	4474 12223	\$206,931

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Beaty,Barry J	Primary PI Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	Virus Expression Systems in Vector Biology	6/1/99 - 5/31/04	4498 13066	\$297,842
Beaty,Barry J	Primary PI Microbiology HHS-DRR-Fogarty International Center	Training in Molecular Determinates of Dengue Epidemic Potential	7/1/99 - 6/30/04	4551 990449	\$100,000
Beaty,Barry J	Primary PI Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	Molecular Determinants of Dengue Epidemic Potential	9/30/99 - 8/31/04	4552 990466	\$342,495
Beaty,Barry J	Primary PI Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	Molecular Determinants of Dengue Epidemic Potential	9/30/99 - 8/31/04	4553 11535	\$128,621
Beaty,Barry J	Primary PI Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	Molecular Determinants of Dengue Epidemic Potential	9/30/99 - 8/31/04	4555 990466	\$32,600
Beaty,Barry J	Primary PI Microbiology HHS-CDC-Centers for Disease Control	Longitudinal Studies of Rodent Reservoirs of Hantaviruses in the Southwestern United States	9/30/96 - 9/29/06	4556 11769	\$246,301
Beaty,Barry J	Primary PI Microbiology University of Arizona	Biology of Parasite Vectors	1/1/02 - 12/31/02	5197 13234	\$33,325
Beaty,Barry J	Primary PI Microbiology MacArthur Foundation*	MacArthur Course: Biology of Disease Vectors	7/1/90 - 12/31/03	5205	\$3,421
Beaty,Barry J	Primary PI Microbiology MacArthur Foundation	MacArthur Course: Biology of Disease Vectors	7/1/90 - 12/31/01	5205	\$5,103
Beaty,Barry J	Primary PI Microbiology MacArthur Foundation*	Program Leaders Initiatives	1/1/00 - 12/31/04	5211	\$27,017
Beaty,Barry J	Primary PI Microbiology MacArthur Foundation*	Vector Molecular Biology Institutes	1/1/95 - 12/31/02	5401	\$14,592
Beaty,Barry J	Primary PI Microbiology WHO-World Health Organization	Biology of Disease Vectors Course	3/1/02 - 2/28/03	5723 13252	\$50,000
Belisle,John T	Primary PI Microbiology University of Colorado Health Sci Ctr	A Novel Class of Phospolipases- Molecular Pathogenesis	9/1/98 - 8/31/02	4344	\$13,294
Belisle,John T Spencer,John S	Primary PI Co-PI Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	Glycoproteins of Mycobacterium Tuberculosis	2/1/99 - 1/31/04	4490 980184	\$230,201
Black,William C Iv	Primary PI Microbiology HHS-NIH-National Institutes of Health	Genetics of Dengue Vector Competence in Aedes Aegypti	4/1/01 - 3/31/06	4540 2235	\$286,363
Brennan,Patrick Joseph Besra,Gurdyal Singh	Primary PI Co-PI Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	Mycobacterial Cell Wall Biogenesis & Drug Discovery	1/1/98 - 12/31/02	4472	\$446,835

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Brennan,Patrick Joseph	Primary PI	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	Cell Wall of M. Tuberculosis; Focus for Drug Discovery-Project 1 & Core A	9/30/99 - 8/31/03	4510	\$382,225
Brennan,Patrick Joseph Chatterjee,Delphi Spencer,John S	Primary PI Co-PI Co-PI	Microbiology HHS-NIH-National Institutes of Health	Leprosy Bacillus: From Genotype to Phenotype	6/15/01 - 4/30/06	4547 992168	\$367,633
Brennan,Patrick Joseph	Primary PI	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	Leprosy Research Support & Maintenance of an Armadillo Colony: Part I: Leprosy Research..	6/30/95 - 6/29/02	4625	\$436,471
Carlson,Jonathan O	Primary PI	Microbiology HHS-NIH-National Institutes of Health	Densoviruses as Transducing Vectors	7/1/01 - 5/31/06	4549 992284	\$307,218
Cooper,Andrea M	Primary PI	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	Immunopathogenesis of Mycobacterium Avium Disease	9/1/97 - 8/31/02	4459	\$259,612
Crick,Dean C	Primary PI	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	Cell Wall of M. Tuberculosis; Focus for Drug Discovery-Project 3	9/30/99 - 8/31/03	4511	\$150,051
Crick,Dean C	Primary PI	Microbiology HHS-NIH-National Institutes of Health	Strerol/Hopanoid Biosynthesis: an Anti- TuberculosisDrug Target	6/15/01 - 5/31/05	4548 2064	\$245,200
Gentry-Weeks,Claudia R	Primary PI	Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	Interaction of Enterococcus Faecalis With Macrophages	2/15/99 - 1/31/04	4491 981036	\$133,988
Howell,Mark D	Primary PI	Microbiology CytoLogic, Inc.	Immunotherapy of Cancer	7/1/99 - 12/31/01	6035 1116	\$13,343
Inamine,Julia M Belisle,John T Chatterjee,Delphi	Primary PI Co-PI Collaborator	Microbiology HHS-NIH-Center for Scientific Review	Molecular Definition of Mycobacterium Paratuberculosis	6/1/02 - 5/31/06	4563 11516	\$313,753
Klein,Donald A Paschke,Mark W	Primary PI Co-PI	Microbiology DOD - US Department of Defense	Integrated Control & Assessment of Knapweed & Cheatgrass on Department of Defense Installations	4/18/00 - 4/17/04	7219 991226	\$7,282
Klein,Donald A Paschke,Mark W	Primary PI Co-PI	Microbiology DOD - US Department of Defense	Integrated Control & Assessment of Knapweed & Cheatgrass on Department of Defense Installations	4/18/00 - 4/17/04	7219 991226	\$9,107
Mcneil,Michael R	Primary PI	Microbiology University of Arizona	Structural Analysis of the Cryptosporidium Parvum Glycoprotein Attachment & Invasion Ligand of CSL	12/15/00 - 12/14/01	1381 1179	\$7,802

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Mcneil,Michael R	Primary PI Microbiology University of Arizona	Structural Analysis of the Cryptosporidium Parvum Glycoprotein Attachment & Invasion Ligand of CSL	12/15/00 - 12/14/03	1381 1179	\$60,524
Mcneil,Michael R	Primary PI Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	Cell Wall of M. Tuberculosis; Focus for Drug Discovery-Project 4	9/30/99 - 8/31/03	4512	\$190,062
Mcneil,Michael R	Primary PI Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	Cell Wall Biogenesis--Target for New Anti-TB Drugs	9/30/92 - 8/31/02	4603	\$318,807
Mcneil,Michael R	Primary PI Microbiology HHS-NIH-NIAID-Allergy & Infect Diseases	Cell Wall Biogenesis-Target for New Anti- tuberculosis Drugs	9/30/92 - 8/31/07	4614 11453	\$373,474
Olson,Kenneth E	Primary PI Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	Sindbis Virus Determinants of Infection in Mosquitoes	4/1/00 - 3/31/03	4515 991122	\$204,727
Olson,Kenneth E	Primary PI Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	Blocking Dengue Transmission by Transgenic Aedes Aegypti	1/1/01 - 12/31/05	4537 1053	\$481,239
Orme,Ian M	Primary PI Microbiology School of Mines	A Genomic/Proteomic Approach to Johnes Disease	1/1/02 - 6/30/02	0115 12629	\$51,582
Orme,Ian M	Primary PI Microbiology Case Western Reserve University	Mycobacterium Tuberculosis Infection in the Lung	7/15/01 - 5/31/02	4335 1559	\$113,443
Orme,Ian M Turner,Joanne	Primary PI Co-PI Microbiology HHS-PHS-Aging Research	Aging & Immunity to Tuberculosis	9/1/86 - 9/30/02	4431	\$72,500
Orme,Ian M	Primary PI Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	Chronic Tuberculosis: Latent or Dynamic?	12/10/98 - 11/30/03	4488 980234	\$237,078
Orme,Ian M Frank,Anthony A	Primary PI Co-PI Microbiology HHS-NIH-National Institutes of Health	Animal Model Testing of Tuberculosis Drugs	9/30/99 - 9/29/06	4513 990882	\$459,830
Orme,Ian M Frank,Anthony A	Primary PI Co-PI Microbiology HHS-NIH-National Institutes of Health	Animal Model Testing of Tuberculosis Drugs	9/30/99 - 9/29/06	4513 990882	\$488,814
Orme,Ian M	Primary PI Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	Strategies for Tuberculosis Vaccine Development & Screening	5/1/00 - 4/30/05	4516 990525	\$290,000
Orme,Ian M	Primary PI Microbiology HHS-PHS-AID-Microbio & Infectious Dis Re	Chronic Tuberculosis: Latent or Dynamic?	12/10/98 - 11/30/03	4520 980234	\$68,076
Schweizer,Herbert P	Primary PI Microbiology University of Colorado Health Sci Ctr	Structural Studies of Bacterial Quorum Sensing Regulators	7/1/01 - 5/31/06	4338 10521	\$28,806

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Schweizer,Herbert P	Primary PI	Microbiology HHS-PHS-Biophysics & Physiological Sci.	Pseudomonas Autoinducer Biosynthesis & Drug Discovery	8/1/98 - 7/31/02	4485	\$215,761
Wilcox,Christine L Hunsperger,Elizabeth A	Primary PI Co-PI	Microbiology HHS-PHS-Biol Basis Research in Neurosci	Neuronal Apoptosis Signaling in HSV-1 Reactivation	8/1/00 - 7/31/03	4913 834	\$22,245
Wilcox,Christine L	Primary PI	Microbiology Gemin X Biotechnologies Inc.	Effects of Treatment with GX015 on Herpes Simplex Virus type 1 (HSV-1) Infection in Neurons	9/20/01 - 9/20/02	6029 12075	\$15,225
Wilcox,Christine L	Primary PI	Microbiology Millennium Pharmaceuticals, Inc.	Neuronal RNA for Array Analysis	1/18/02 - 1/17/03	6115 12558	\$37,642
Akkina,Ramesh K	Primary PI	Pathology City of Hope National Medical Center	rAAV (Adeno-Associated Virus) Based Stem Cell Gene Therapy for AIDS Lymphoma	4/1/00 - 3/31/05	4316 992261	\$69,983
Akkina,Ramesh K	Primary PI	Pathology HHS-NIH-National Institutes of Health	Modeling RNA-based HIV Gene Therapeutics in SCID-hu Mice	9/15/01 - 8/31/02	4404 10149	\$290,000
Akkina,Ramesh K	Primary PI	Pathology HHS-NIH-National Institutes of Health	Modeling RNA-based HIV Gene Therapeutics in SCID-hu Mice	1/1/02 - 12/31/06	4558 11474	\$96,667
Allen,Thomas E	Primary PI	Pathology Cancer League of Colorado, Inc.	Investigation of the Pathogenesis of a Retrovirus Induced Lung Cancer in a Transgenic Mouse	7/1/01 - 6/30/02	5177 11322	\$30,102
Allison,Robin W Hoover,Edward A	Primary PI Co-PI	Pathology HHS-PHS-AID-Microbio & Infectious Dis Re	Feline Immunodeficiency Virus (FIV) of Vertical HIV Transmission & Intervention	4/1/00 - 3/31/04	4519 992174	\$82,818
Avery,Anne C	Primary PI	Pathology HHS-PHS-AID-Microbio & Infectious Dis Re	Antigen Presentation in Malaria Infection	12/1/98 - 11/30/02	4487 980386	\$207,037
Avery,Anne C	Primary PI	Pathology Morris Animal Foundation	Molecular Diagnosis of Canine Hematologic Neoplasia	9/1/00 - 8/31/02	5247 1626	\$51,113
Avery,Paul R	Primary PI	Pathology National Found. for Infectious Diseases	Development of Petide/Tegramer Technology to Study FIV	6/1/02 - 6/1/03	7100 13200	\$2,000
Barillas-Mury,Carolina V	Primary PI	Pathology HHS-PHS-AID-Microbio & Infectious Dis Re	The Mosquito Immune Response & Malaria Transmission	4/1/00 - 3/31/04	4517 990467	\$253,750
Benjamin,Stephen A Dean,Charles E	Primary PI Co-PI	Pathology HHS-NIH-Bio Resp to Env Health Hazards	Promotion of Hepatic Neoplasia by PCB Mixtures	4/1/98 - 3/31/03	4476	\$75,504
Benjamin,Stephen A Painter,J. Todd	Primary PI Co-PI	Pathology HHS-NIH-Bio Resp to Env Health Hazards	Progression of Hepatic Neoplasia by PCB/Arsenic Mixtures	8/21/00 - 7/31/05	4528 477	\$98,997

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**Inter-departmental Project

Awards Received - 106

Vet. Medicine & Biomedical Sciences - Awards

Investigators/Collaborators	Department/Sponsor	Title	Start Date End Date	5-3 Proj # PASS #	Award Amount
Demartini,James C	Primary PI Pathology HHS-NIH-NCI-National Cancer Institute	The Role of JSRV in Ovine Pulmonary Carcinoma	3/1/93 - 5/31/02	4496	\$74,308
Hoover,Edward A	Primary PI Pathology The Scripps Research Institute	Molecular Analysis of a Highly Pathogenic FIV	7/1/00 - 6/30/02	4328 1117	\$145,000
Hoover,Edward A	Primary PI Pathology University of Kentucky	Transgenic Studies of Prion Disease in Cervids	8/1/01 - 7/31/02	4334 475	\$8,000
Hoover,Edward A	Primary PI Pathology University of Kentucky	Transgenic Studies of Prion Disease in Cervids	8/1/01 - 7/31/02	4334 475	\$50,000
Hoover,Edward A	Primary PI Pathology The Scripps Research Institute	Molecular Analysis of a Highly Pathogenic FIV	7/1/00 - 6/30/03	4345 1117	\$145,000
Hoover,Edward A	Primary PI Pathology	CXCR4 in FIV Infection & Experimental	9/30/00 -	4400	\$96,087
Troth,Sean P	Co-PI HHS-PHS-AID-Microbio & Infectious Dis Re	Therapy	5/31/04	474	
Hoover,Edward A	Primary PI Pathology HHS-PHS-AID-Microbio & Infectious Dis Re	A Model of new variant Creutzfeldt-Jakob (nvCJD) & Lymphoid Pathogenesis in Transmissible Spongiform Encephalopathies ...	9/15/00 - 8/31/04	4406 992173	\$253,750
Hoover,Edward A	Primary PI Pathology	CWD: Role of the Lymphoid Tissue Phase in	8/1/00 -	4523	\$83,117
Sigurdson,Christina J	Co-PI HHS-PHS-AID-Microbio & Infectious Dis Re	Prion Disease	7/31/05	476	
Hoover,Edward A	Primary PI Pathology	The Role of Dendritic Cells in Immunity to FIV	5/1/01 -	4543	\$83,668
Sprague,Wendy S	Co-PI HHS-NIH-National Institutes of Health	Infection	4/30/06	302	
Hoover,Edward A	Primary PI Pathology HHS-PHS-AID-Microbio & Infectious Dis Re	A Model of new variant Creutzfeldt-Jakob (nvCJD) & Lymphoid Pathogenesis in Transmissible Spongiform Encephalopathies ...	9/15/00 - 8/31/04	4559 992173	\$750,000
Olver,Christine S	Primary PI Pathology HHS-PHS-AID-Microbio & Infectious Dis Re	The Role of the Duffy Glycoprotein in Murine Malaria Infections	8/1/00 - 7/31/03	4524 991225	\$117,342
Smith,Joseph D	Primary PI Pathology HHS-NIH-National Institutes of Health	Molecular Analysis of P.falciparum Erythrocyte Membrane Protein 1 (PfEMP1) Binding Activity	7/1/01 - 5/31/06	4545 10388	\$250,763
Smith,Joseph D	Primary PI Pathology The Ellison Medical Foundation	Genome-wide Binding Analysis of the Plasmodium Falciparum Erythrocyte Membrane 1 Family of Cytoadherent Receptors	8/14/01 - 8/14/05	5262 11280	\$50,000
Spraker,Terry R	Primary PI Pathology USDA-ARS-Agricultural Research Service	PrP-CWD Profiles in White Tailed Dear & Elk with Naturally Occurring Chronic Wasting Disease	6/3/02 - 5/1/07	2133 13397	\$86,100

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**Inter-departmental Project

Vet. Medicine & Biomedical Sciences - Awards

Investigators/Collaborators	Department/Sponsor	Title	Start Date End Date	5-3 Proj # PASS #	Award Amount
Thrall, Mary Anna	Primary PI	Pathology HHS-NIH-National Institutes of Health	Characterization of Feline Niemann-Pick Type C 9/30/91 - 3/31/04	4542 2587	\$213,226
Titus, Richard G	Primary PI	Pathology HHS-PHS-AID-Microbio & Infectious Dis Re	Role of Sand Fly & Tick Saliva in Disease 7/1/89 - 1/31/03	4473	\$312,926
Vandewoude, Sue Hoover, Edward A	Primary PI Co-PI	Pathology University of Glasgow	Receptor Usage & Pathogenicity of Feline Lentiviruses 8/20/01 - 7/31/02	4341 12184	\$75,000
Vandewoude, Sue Hoover, Edward A	Primary PI Co-PI	Pathology HHS-NIH-National Institutes of Health	Mechanisms of Feline Lentivirus Control & Interference 6/15/02 - 5/31/06	4564 12811	\$328,750
Bowen, Richard A	Primary PI	Physiology DynPort Vaccine Company, LLC	Safety & Efficacy Evaluation of Two Candidate Equine Encephalidities Vaccines 10/11/01 - 5/22/03	2619 11075	\$345,846
Bowen, Richard A	Primary PI	Physiology NSF-Biological Sciences	Ecology of Virus Transmission in Commensural Bat Colonies 9/15/00 - 8/31/02	3144 1668	\$423,884
Bowen, Richard A	Primary PI	Physiology NSF-Biological Sciences	Ecology of Virus Transmission in Commensural Bat Colonies 9/15/00 - 8/31/05	3144 1668	\$371,776
Bowen, Richard A	Primary PI	Physiology Merial, Ltd.	Evaluation of a West Nile Virus Vaccine in Crows 12/1/01 - 11/30/02	6096 12072	\$20,207
Bowen, Richard A	Primary PI	Physiology Merial, Ltd.	Efficacy of a Vectored West Nile Virus Vaccine Against an Experimental Mosquito Challenge in Horses 9/1/01 - 8/31/02	6099 12158	\$85,696
Bowen, Richard A	Primary PI	Physiology Acambis, Inc.	Preliminary Clinical Testing of the ChimeriVax- WN Vaccine in Horses 4/1/01 - 3/31/03	6135 11074	\$18,523
Bowen, Richard A Irwin, David C	Primary PI Co-PI	Physiology American Heart Association	The Role of Atrial Natriuretic Peptide in Ameliorating High Altitude Pulmonary Edema 7/1/02 - 6/30/04	7102 12959	\$20,000
Bowen, Richard A	Primary PI	Physiology Univ. of Texas Medical Branch/Galveston.	Ecology & Genetics of Venezuelan Equine Encephalitis 7/1/01 - 5/31/02	7536 13204	\$29,000
Clay, Colin	Primary PI	Physiology HHS-PHS-Population Research	Regulation of GnRH Receptor Gene Expression 1/1/95 - 12/31/04	7836 990716	\$265,266
Clay, Colin	Primary PI	Physiology HHS-NIH-National Institutes of Health	Regulation of GnRH Receptor Gene Expression 1/1/95 - 12/31/04	7861 10869	\$102,006
Tucker, Alan Florant, Gregory L	Primary PI Co-PI	Physiology HHS-Heart and Vascular Disease Research	Short-Term Training for Minority Students 5/1/98 - 4/30/03	7787	\$9,132

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**Inter-departmental Project

Awards Received - 108

Vet. Medicine & Biomedical Sciences - Awards

Investigators/Collaborators	Department/Sponsor	Title	Start Date End Date	5-3 Proj # PASS #	Award Amount
Graham,James K	Primary PI Physiology USDA-APHIS-Animal Damage Control	Effect of Nicarbazin on the Reproductive Performance of Mallard Ducks	5/1/00 - 4/30/03	2039 2197	\$25,000
Graham,James K	Primary PI Physiology XY, Inc.	Sexing Mammalian Sperm by Flow Cytometry	7/1/02 - 6/30/03	6282 13609	\$98,084
Sample,Pat L	Primary PI Physiology HHS-CDC-Centers for Disease Control	IGF & Brain Injury	9/1/95 - 7/31/06	7875 10161	\$141,310
Miller,Charles W	Primary PI Physiology Myogen	Establishment of a Repeatable Model of Cardiac Hypertrophy & Failure in the Rat	1/1/01 - 12/31/02	6119 10930	\$31,169
Nett,Torrance M	Primary PI Physiology USDA-CSREES-Coop State Rsrch Edu & Ext	Use of Gonadotropin-releasing Hormone- Pokeweed Antiviral Protein (GnRH-PAP) for Chemical Sterilization	10/15/01 - 10/31/04	1433 10865	\$250,000
Niswender,Gordon D	Primary PI Physiology HHS-PHS-Population Research	Training in Mammalian Reproductive Biology	9/1/77 - 4/30/05	7909 992028	\$138,831
Phillips,Robert W	Primary PI Physiology NASA-ARC-Ames Research Center	An Extended Analysis of Science Outreach Programs	3/1/99 - 6/30/02	1992	\$52,650
Roess,Deborah A	Primary PI Physiology HHS-NIH-Center for Scientific Review	Role of the LH Receptor C-terminus in Receptor Desensitization	3/1/02 - 2/29/04	7689 11686	\$72,500
Roess,Deborah A	Primary PI Physiology HHS-NIH-National Institutes of Health	Membrane Events Following Hormone Binding to Leutinizing Hormone (LH) Receptors	4/1/01 - 3/31/06	7878 2225	\$192,986
Seidel Jr,George E	Primary PI Physiology Biopore, Inc.	Potential Improvement of Fertility in Cattle	6/23/97 - 3/31/02	6259	\$19,687
Seidel Jr,George E	Primary PI Physiology XY, Inc.	Sexing Mammalian Sperm by Flow Cytometry	7/1/97 - 6/30/02	6279	\$431,719
Tamkun,Michael	Primary PI Physiology HHS-NIH-Neurological Disorders & Stroke	Targeting of Voltage-Gated K+ Channels to Lipid Rafts	4/26/01 - 3/31/05	7712 578	\$406,875
Tamkun,Michael	Primary PI Physiology HHS-NIH-NHLBI-Natl Heart, Lung, & Blood	Regulatory Mechanisms of Cardiac Repolarization	1/1/93 - 12/31/05	7763 10533	\$353,624
Veeramachaneni,D N Ra	Primary PI Physiology EPA-Office of Research and Development	Impact of Phthalates on the Male: Frog & Rabbit Models	3/1/02 - 2/28/05	5813 11100	\$890,410
Bedford,Joel S	Primary PI Radiological Health Sciences DOE - US Department of Energy	Genetic Factors Affecting Susceptibility to Low Dose & Low Dose-Rate Radiation Exposure	9/15/01 - 9/14/06	3827 11543	\$230,148

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**Inter-departmental Project

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Vet. Medicine & Biomedical Sciences - Awards

Investigators/Collaborators	Department/Sponsor	Title	Start Date End Date	5-3 Proj # PASS #	Award Amount
Bedford,Joel S	Primary PI Radiological Health Sciences: HHS-NIH-NCI-National Cancer Institute	Radiation, Chromosomal Aberrations, Mutations & RBE	4/1/00 - 3/31/03	7838 980198	\$195,895
Bedford,Joel S	Primary PI Radiological Health Sciences: HHS-NIH-NCI-National Cancer Institute	DNA Double Strand Break Repair in Tobacco Carcinogenesis	4/1/02 - 3/31/04	7879 12101	\$72,500
Bedford,Joel S	Primary PI Radiological Health Sciences: HHS-PHS-Cancer Research Manpower	Radiological Sciences Basic to Cancer Research	9/1/76 - 8/31/02	7945	\$274,301
Durham,James S	Primary PI Radiological Health Sciences: DOE - US Department of Energy	Development & Demonstration of an Insitu Subsurface Contamination Monitor	9/28/01 - 9/27/02	3829 10974	\$214,088
Fox,Michael H	Primary PI Radiological Health Sciences: Cytomation GTX, Inc.	Flow Cytometric Analysis of Genotoxicity	5/1/02 - 4/30/04	7540 11788	\$184,075
Ibrahim,Shawki A	Primary PI Radiological Health Sciences: South Carolina Univ Rsrch & Educ Fdn	Graduate Studies in Radiochemistry at Colorado State University	5/1/02 - 4/30/05	3946 12749	\$83,709
Larue,Susan M	Primary PI Radiological Health Sciences: Duke University	Hyperthermia & Perfusion Effects in Cancer Therapy	9/20/00 - 6/30/02	7507	\$233,060
Larue,Susan M	Primary PI Radiological Health Sciences: Duke University	Hyperthermia & Perfusion Effects in Cancer Therapy	9/20/00 - 6/30/02	7508	\$40,209
Liber,Howard L	Primary PI Radiological Health Sciences: DOE - US Department of Energy	Molecular Mechanisms of Radiation-Induced Genomic Instability in Human Cells	3/15/02 - 9/14/04	3831 12903	\$404,775
Liber,Howard L	Primary PI Radiological Health Sciences: HHS-NIH-National Institutes of Health	Double Strand Break Mutagenesis: Transcription & p53	2/1/02 - 12/31/04	7718 12750	\$257,994
Liber,Howard L	Primary PI Radiological Health Sciences: HHS-NIH-National Institutes of Health	Double Strand Break Mutagenesis: Transcription & p53	2/1/02 - 12/31/04	7718 12750	\$98,927
Liber,Howard L	Primary PI Radiological Health Sciences: HHS-NIH-National Institutes of Health	Ionizing Radiation Mutagenesis	2/1/02 - 5/31/05	7719 12763	\$114,575
Liber,Howard L	Primary PI Radiological Health Sciences: HHS-NIH-National Institutes of Health	Ionizing Radiation Mutagenesis	2/1/02 - 5/31/05	7719 12763	\$212,761
Liber,Howard L	Primary PI Radiological Health Sciences: HHS-NIH-National Institutes of Health	Ionizing Radiation Mutagenesis	2/1/02 - 5/31/05	7719 12763	\$142,387
Okayasu,Ryuichi	Primary PI Radiological Health Sciences: National Inst. of Radiological Sciences	Analyses of Chromosome Aberrations in irs-20 cells After Exposure to Arsenite & Radiation	9/1/01 - 3/31/02	5766 11581	\$59,340

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**Inter-departmental Project

Vet. Medicine & Biomedical Sciences - Awards

Investigators/Collaborators	Department/Sponsor	Title	Start Date End Date	5-3 Proj # PASS #	Award Amount	
Pinder,John E	Primary PI	Radiological Health Sciences Univ. California-Los Alamos National Lab	Experiments Designed to Study Effect of Fire on Wind Erosion at Los Alamos National Laboratory	2/28/01 - 9/30/02	3932 11197	\$15,000
Steyn,Phillip F	Primary PI	Radiological Health Sciences	Indium 111 Labeled Vitamin B-12 Imaging of	10/1/01 -	6072	\$117,811
Ogilvie,Gregory K	Co-PI	Copharos, Inc.	Cancer in Dogs & Cats with Naturally Occurring	9/30/02	11249	
Withrow,Stephen J	Co-PI		Tumors			
Ullrich,Robert L	Primary PI	Radiological Health Sciences	Identification of Novel Genes Affected by	4/1/02 -	2349	\$44,000
Smith,Maria Leia M	Co-PI	DOD-ARMY	Gamma-Irradiation Using a Gene-Trapped Library of Human Mammary ...	3/31/05	11488	
Ullrich,Robert L	Primary PI	Radiological Health Sciences	Identification of Novel Genes Affected by	4/1/02 -	2349	\$22,000
Smith,Maria Leia M	Co-PI	DOD-ARMY	Gamma-Irradiation Using a Gene-Trapped Library of Human Mammary ...	3/31/05	11488	
Ullrich,Robert L	Primary PI	Radiological Health Sciences	Genetic Mechanisms of Induced Chromosomal	9/15/01 -	3828	\$363,889
		DOE - US Department of Energy	Instability & their Relationships with Radiation Tumorigenesis	9/14/06	11545	
Ullrich,Robert L	Primary PI	Radiological Health Sciences	Carcinogenic Interactions of Radiation &	3/1/86 -	7863	\$9,068
		HHS-NIH-NCI-National Cancer Institute	Chemicals	11/30/02	11090	
Ullrich,Robert L	Primary PI	Radiological Health Sciences	Genomic Instability in High LET Carcinogenesis	9/30/97 -	7864	\$116,151
		HHS-NIH-NCI-National Cancer Institute		9/30/02	11087	
Waldren,Charles A	Primary PI	Radiological Health Sciences	Characterization of a Gene Involved in	2/15/01 -	7533	\$79,750
		Lankenau Institute for Medical Research	Mammalian Error-Prone Repair	1/31/04	990367	
Waldren,Charles A	Primary PI	Radiological Health Sciences	Characterization of a Gene Involved in	2/15/01 -	7533	\$39,049
		Lankenau Institute for Medical Research	Mammalian Error-Prone Repair	1/31/04	990367	
Wells,Robert L	Primary PI	Radiological Health Sciences	Role of Melatonin in the Prevention of Breast	9/1/99 -	7261	\$55,040
Burch,James B	Co-PI	DOD-ARMY-Military Medical Research & Dev	Cancer in Patients with Cystic Breast Disease	3/31/03	981024	
Whicker,F Ward	Primary PI	Radiological Health Sciences	Technical Support Services for Risk-Related	8/13/01 -	3937	\$54,993
		Univ Chicago/Argonne Univ Assoc-Argn Lab	Materials	9/30/02	980638	
Whicker,F Ward	Primary PI	Radiological Health Sciences	Technical Support Services for Risk-Related	8/13/01 -	3937	\$74,959
		Univ Chicago/Argonne Univ Assoc-Argn Lab	Materials	9/30/02	980638	
Whicker,F Ward	Primary PI	Radiological Health Sciences	Vertical Migration of Long-lived Radionuclides	9/1/01 -	9301	\$70,284
		Univ. California-Los Alamos National Lab	in Surface Soils: Integration of Surface Processes into ...	9/30/02	11888	

Vet. Medicine & Biomedical Sciences Total: \$39,560,392

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**Inter-departmental Project

Other - Awards

Investigators/Collaborators	Department/Sponsor	Title	Start Date End Date	5-3 Proj # PASS #	Award Amount
Chapital,Martelle	Primary PI	Academic Advancement Center DE-Student Support Services	Student Support Services 9/1/97 - 8/31/02	4265	\$16,027
Chapital,Martelle	Primary PI	Academic Advancement Center DE-Student Support Services	Student Support Services 9/1/97 - 8/31/02	4265	\$37,333
Chapital,Martelle	Primary PI	Academic Advancement Center DE-Student Support Services	Student Support Services 9/1/97 - 8/31/02	4265	\$5,000
Heil,Robert D	Primary PI	Agric Experiment Station Western Association of Ag Exp Stn Direct	Western Executive Director 7/1/93 - 12/31/03	5500	\$63,525
Heil,Robert D	Primary PI	Agric Experiment Station Western Association of Ag Exp Stn Direct	Western Executive Director 7/1/93 - 12/31/03	5500	\$127,050
Iron,Jennifer	Primary PI	Agric Experiment Station University of Vermont	Improve the Effectiveness of CRIS TO CSRES Institutions through Enhanced Microcomputer Processes 5/1/00 - 7/14/02	1364	\$3,000
Sommers,Lee E	Primary PI	Agric Experiment Station USDA-CSREES-Coop State Rsrch Edu & Ext	Agricultural Research 3/1/01 - 9/30/02	2085	\$1,500
Sommers,Lee E	Primary PI	Agric Experiment Station USDA-CSREES-Coop State Rsrch Edu & Ext	Agricultural Research 3/1/01 - 9/30/01	2085	\$5,000
Deguzman,Glenn	Primary PI	Asian/Pacific American Stu Ser City of Fort Collins - Fort Fund	Asian Fest 2002: Foundations & Celebrations 1/24/02 - 1/23/03	5351 12862	\$2,100
Felix,Oscar	Primary PI	Center Educ Access & Outreach Colorado Department of Education	Upward Bound Summer Food Service Program 6/1/02 - 7/30/02	0553 13597	\$7,500
Felix,Oscar	Primary PI	Center Educ Access & Outreach DE-Dept of Educa - Upward Bound Program	Colorado State University Upward Bound Program 6/1/99 - 5/31/03	4217 990354	\$3,803
Felix,Oscar	Primary PI	Center Educ Access & Outreach DE-Dept of Educa - Upward Bound Program	Colorado State University Upward Bound Program 6/1/99 - 5/31/03	4217 990354	\$442,443
Felix,Oscar	Primary PI	Center Educ Access & Outreach DE-Educational Opportunity Centers	Educational Opportunity Center 9/1/99 - 8/31/04	4218	\$451,278
Ward,Robert C	Primary PI	Colo Water Resources Res Inst DOI-USGS-Geological Survey	Use of Low-Cost Data to Simulate Fractured- Aquifer Watersheds for Management of Water Quality & Quantity 9/1/01 - 8/31/03	2925 12053	\$120,000
Ward,Robert C	Primary PI	Colo Water Resources Res Inst DOI-USGS-Geological Survey	Technology Transfer/Information Dissemination 3/1/01 - 2/28/06	2956 11000	\$25,073

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**Inter-departmental Project

Other - Awards

Investigators/Collaborators	Department/Sponsor	Title	Start Date End Date	5-3 Proj # PASS #	Award Amount	
Ward,Robert C	Primary PI	Colo Water Resources Res Inst DOI-USGS-Geological Survey	Managed Groundwater Recharge for Habitat Restoration	3/1/01 - 2/28/06	2957 11000	\$3,624
Ward,Robert C Gates,Timothy K Labadie,John W	Primary PI Co-PI Co-PI	Colo Water Resources Res Inst DOI-USGS-Geological Survey	Description & Interpretation of Salinization in the Lower Arkansas River Valley	3/1/01 - 2/28/06	2958 11000	\$16,618
Ward,Robert C	Primary PI	Colo Water Resources Res Inst DOI-USGS-Geological Survey	Enhancements to South Platte Mapping and Analysis Program (SPMAP)	3/1/01 - 2/28/06	2962 11000	\$4,832
Ward,Robert C	Primary PI	Colo Water Resources Res Inst DOI-USGS-Geological Survey	Administration	3/1/02 - 2/28/03	2963 11000	\$2,040
Ward,Robert C	Primary PI	Colo Water Resources Res Inst DOI-USGS-Geological Survey	Administration	3/1/02 - 2/28/03	2963 11000	\$18,960
Ward,Robert C Stednick,John D	Primary PI Co-PI	Colo Water Resources Res Inst DOI-USGS-Geological Survey	Quantifying the Effectiveness of Best Management Practices (BMPs)	3/1/01 - 2/28/06	2964 11000	\$13,638
Ward,Robert C Garcia,Luis	Primary PI Co-PI	Colo Water Resources Res Inst Various "Non-Profit" Sponsors	Developing a Decision Support System for the South Platte Basin	3/1/97 - 12/31/03	5153	\$6,000
Ward,Robert C Garcia,Luis	Primary PI Co-PI	Colo Water Resources Res Inst Various "Non-Profit" Sponsors	Developing a Decision Support System for the South Platte Basin	3/1/97 - 12/31/03	5153	\$10,000
Ward,Robert C Garcia,Luis	Primary PI Co-PI	Colo Water Resources Res Inst Various "Non-Profit" Sponsors	Developing a Decision Support System for the South Platte Basin	3/1/97 - 12/31/03	5153	\$10,000
Ward,Robert C Garcia,Luis	Primary PI Co-PI	Colo Water Resources Res Inst Various "Non-Profit" Sponsors	Developing a Decision Support System for the South Platte Basin	3/1/97 - 12/31/01	5153	\$6,000
Alldredge,Jerry K	Primary PI	Cooperative Extension Potato Administration of Colorado	Potato Cultivar Development for Northern Colorado	7/1/01 - 6/30/02	8334	\$2,000
Cerbana-Whaley,Christin	Primary PI	Cooperative Extension Red Rocks Community College	Partners in Parenting	7/1/01 - 6/30/02	5110 1553	\$58,415
Cerbana-Whaley,Christin	Primary PI	Cooperative Extension Red Rocks Community College	Partners in Parenting	7/1/02 - 6/30/03	7105 13500	\$63,440
Cotton,Scott E Benson,Delwin E Hackett,Jan J	Primary PI Co-PI Co-PI	Cooperative Extension ** Utah State University	Coached Land Planning & Care	7/1/01 - 12/31/03	1385 10319	\$54,500
Donley,Vanessa	Primary PI	Cooperative Extension Auburn University	USDA/Army School-Age & Teen Project	10/1/01 - 9/30/02	1310	\$88,087

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**Inter-departmental Project

Other - Awards

Investigators/Collaborators	Department/Sponsor	Title	Start Date End Date	5-3 Proj # PASS #	Award Amount	
Gray,Mary Mcphail Walker,Lloyd R	Primary PI Co-PI	Cooperative Extension Colorado Dept Public Health & Environ	Nonpoint Source Information Education Coordination	9/12/99 - 12/31/02	0417	\$84,750
Hart,Amy L	Primary PI	Cooperative Extension Colorado Action for Healthy People	Wellness Web	10/15/01 - 10/14/02	5166	\$10,000
Hart,Amy L	Primary PI	Cooperative Extension South Central Council of Governments	Wellness Web	10/15/01 - 10/14/02	5317 13288	\$963
Kaan,Dennis A Fetsch,Robert J	Primary PI Co-PI	Cooperative Extension Washington State University	Risk & Resilience in Agriculture Education Project in Colorado	9/15/01 - 9/14/02	1382 11665	\$19,992
Lamm,Alexa J	Primary PI	Cooperative Extension Mississippi State University	Health Rocks! After School Program	12/1/01 - 7/15/02	5313 12639	\$5,300
Leidheiser,Dale A	Primary PI	Cooperative Extension Colorado Department of Education	Character Education Clearinghouse	7/1/01 - 6/30/02	0534 11943	\$8,000
Mejia,Susana Gray,Mary A	Primary PI Co-PI	Cooperative Extension USDA-CSREES-Coop State Rsrch Edu & Ext	University Liaison in the International Programs Office in Support of the USDA Marketing Assistance Project in America	11/12/01 - 11/30/02	2111 12680	\$85,751
Miller-Heyl,Janet L Fritz,Janet J Macphee,David L	Primary PI Co-PI Co-PI	Cooperative Extension HHS-SAMHSA-Consolidated Knowledge Dev	Multi-Site Comprehensive Intervention for Teen Parents	9/30/98 - 9/29/02	4527 980609	\$85,285
Miller-Heyl,Janet L	Primary PI	Cooperative Extension Pinon Project Family Centers	Pinon Project Family Education (Even Start)	1/22/02 - 6/30/02	5302 13151	\$12,375
Miller-Heyl,Janet L	Primary PI	Cooperative Extension Montezuma County Partners, Inc.	DARE to be You Workshops for Preschool Families	4/1/02 - 12/31/02	5378 13498	\$23,500
Nye,Kipp A	Primary PI	Cooperative Extension Colorado Department of Agriculture	Cooperative Weed Solutions	5/15/01 - 12/31/01	0495 10836	\$4,250
Nye,Kipp A	Primary PI	Cooperative Extension Colorado Department of Agriculture	Cooperative Weed Solutions	5/15/02 - 12/31/02	0554 13490	\$3,150
Rewerts,Milan A	Primary PI	Cooperative Extension Colorado Department of Local Affairs	Regional Technical Assistance - Loveland	1/1/02 - 12/31/02	0542 11618	\$83,750
Rewerts,Milan A	Primary PI	Cooperative Extension Colorado Department of Local Affairs	Regional Technical Assistance - Pueblo	1/1/02 - 12/31/02	0543 11618	\$93,750
Robb,James G	Primary PI	Cooperative Extension ** USDA-CSRS-SRG-Special Research Grants	Livestock Marketing Information Center	6/1/00 - 5/31/02	1461 11039	\$172,779

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**Inter-departmental Project

Other - Awards

Investigators/Collaborators	Department/Sponsor	Title	Start Date End Date	5-3 Proj # PASS #	Award Amount
Robb,James G	Primary PI	Cooperative Extension ** USDA-CSRS-SRG-Special Research Grants	Livestock Marketing Information Center 6/1/00 - 5/31/03	1461 11039	\$183,456
Sharp,Rodney L	Primary PI	Cooperative Extension Texas A & M	Entrepreneurial Agriculture & Forestry 5/1/01 - 8/31/01	1378	\$5,000
Wilson,Carl R	Primary PI	Cooperative Extension Colorado Department of Agriculture	Green Industry Integrated Weed Management Poster & Training 6/1/01 - 12/31/01	0494	\$10,350
Zamora-Van Sice,Rebecc	Primary PI	Cooperative Extension CORRA-Colo Ofc of Res & Ref Agencies Inc	Child Care Development Fund Contract 7/1/01 - 6/30/02	4313	\$24,863
Zamora-Van Sice,Rebecc	Primary PI	Cooperative Extension Mesa County Colorado	Child Care Resource & Referral - Professional Development 7/1/01 - 6/30/02	5120	\$8,715
Zamora-Van Sice,Rebecc	Primary PI	Cooperative Extension Mesa County Colorado	Child Care Resource & Referral - Child Care Training 7/1/01 - 6/30/02	5125	\$7,992
Bounini,Karima	Primary PI	Educ Outreach-Administration Colorado Department of Transportation	Accident Investigation Training Programs 3/11/02 - 9/30/02	0549 11387	\$53,460
Bounini,Karima	Primary PI	Educ Outreach-Administration Colorado Department of Transportation	Driving Under the Influence/SFST Training Programs 3/11/02 - 9/30/02	0550 11387	\$53,460
Fry,James L Baker,Myron C	Primary PI Co-PI	Graduate School NSF-EHR-Education & Human Resources	Graduate Research Fellowship for David Gammon 6/1/00 - 8/31/02	3084	\$1,000
Fry,James L Baker,Myron C	Primary PI Co-PI	Graduate School NSF-EHR-Education & Human Resources	Graduate Research Fellowship for David Gammon 6/1/00 - 8/31/02	3084	\$28,500
Fry,James L Moore,Janice K	Primary PI Co-PI	Graduate School NSF-EHR-Education & Human Resources	Graduate Research Fellowship for Meghan Gannon 6/1/00 - 8/31/02	3085	\$28,500
Fry,James L Cotton,William R	Primary PI Co-PI	Graduate School NSF-EHR-Education & Human Resources	Graduate Research Fellowship for Israel Jirak 8/16/00 - 8/31/02	3095	\$28,500
Fry,James L Elhakim,Omnia	Primary PI Co-PI	Graduate School University of Colorado	PEAKS Alliance for Graduate Education & the Professoriate 10/1/00 - 9/30/02	3414	\$200,001
Fry,James L	Primary PI	Graduate School NSF-EHR-Education & Human Resources	Graduate Research Fellowship Program National Science Foundation - John Bradford 9/1/97 - 8/31/02	3605	\$28,500
Fry,James L	Primary PI	Graduate School NSF-EHR-Education & Human Resources	Graduate Research Fellowship Program Lisa Savage 8/1/99 - 8/31/02	3607	\$28,500
Child,R. Dennis	Primary PI	Graduate School NSF-EHR-Education & Human Resources	Graduate Research Fellowship Program - Elizabeth Gray 9/1/97 - 8/31/02	3612	\$28,500

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**Inter-departmental Project

Awards Received includes all new and incremental funding toward a new or existing project.

Other - Awards

Investigators/Collaborators	Department/Sponsor	Title	Start Date End Date	5-3 Proj # PASS #	Award Amount	
Fry,James L Baker,Myron C	Primary PI Co-PI	Graduate School NSF-EHR-Education & Human Resources	Graduate Research Fellowship for Allison Kirkpatrick	9/1/01 - 8/31/02	3613	\$24,500
Fry,James L	Primary PI	Graduate School NSF-EHR-Education & Human Resources	Graduate Research Fellowship Program Holding Account	9/1/01 - 8/31/02	3614	\$32,500
Wilcox,Anne M	Primary PI	Graduate School DE-Ronald E McNair Post-Baccal Achieve	Ronald E. McNair Post Baccalaureate Achievement Program	10/1/99 - 9/30/04	4216 990363	\$228,482
Bertschy,William J	Primary PI	Housing DOI-NPS-National Park Service	Management Alternatives for the Cache la Poudre River Corridor	10/1/01 - 9/30/03	1880 12268	\$58,000
Gorell,Thomas A	Primary PI	Hughes Un Bio-Ctr Life Science HHMI-Howard Hughes Medical Institute	Student Research & Broadening Access to Science	9/1/98 - 8/31/02	5621 990156	\$161,211
Gorell,Thomas A	Primary PI	Hughes Un Bio-Ctr Life Science HHMI-Howard Hughes Medical Institute	Program Administration	9/1/98 - 8/31/02	5622 990156	\$21,936
Gorell,Thomas A	Primary PI	Hughes Un Bio-Ctr Life Science HHMI-Howard Hughes Medical Institute	Curriculum, Equipment & Laboratory Development	9/1/98 - 8/31/02	5631 990156	\$14,810
Gorell,Thomas A	Primary PI	Hughes Un Bio-Ctr Life Science HHMI-Howard Hughes Medical Institute	Precollege & Other Outreach Programs	9/1/98 - 8/31/02	5632 990156	\$193,393
Gorell,Thomas A	Primary PI	Hughes Un Bio-Ctr Life Science HHMI-Howard Hughes Medical Institute	Faculty Development	9/1/98 - 8/31/02	5673 990156	\$4,250
Bookin-Weiner,Jerome B	Primary PI	International Programs USDA-CSREES-Coop State Rsrch Edu & Ext	Armenia Agricultural Assessment	1/30/02 - 2/19/02	2129 13015	\$8,743
Bookin-Weiner,Jerome B	Primary PI	International Programs Middlesex University	International Memorandum of Understanding Between Middlesex University & Colorado State University	7/1/01 - 6/30/04	5762	\$108,924
Denney,Martha Annette	Primary PI	International Programs Action/Peace Corps	Peace Corps Strategy Contract 2001-2002	7/20/01 - 8/14/02	9610 11907	\$18,013
Tucker,Alan Florant,Gregory L	Primary PI Co-PI	Provost/Academic V P HHS-Heart and Vascular Disease Research	Short-Term Training for Minority Students	5/1/98 - 4/30/03	7787	\$38,302
Gorell,Thomas A	Primary PI	Provost/Academic V P HHMI-Howard Hughes Medical Institute	Program Assessment	9/1/98 - 8/31/02	5674 990156	\$4,400
Davidson,Robert D Sather,Kent P	Primary PI Co-PI	San Luis Valley Research Ctr Colorado Certified Potato Growers Assn	Potato Certification	5/1/01 - 4/30/02	5058	\$35,000

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**Inter-departmental Project

Other - Awards

Investigators/Collaborators	Department/Sponsor	Title	Start Date End Date	5-3 Proj # PASS #	Award Amount
Davidson,Robert D Sather,Kent P	Primary PI Co-PI	San Luis Valley Research Ctr Colorado Certified Potato Growers Assn	Colorado Potato Certification Service 1/2/58 - 4/30/03	5363	\$414,500
Dillon,Merlin A	Primary PI	San Luis Valley Research Ctr Potato Administration of Colorado	Biocontrol Crops to Enhance Potato Production 7/1/98 - 6/30/02	8327	\$5,000
Thompson,Asunta L Holm,David G	Primary PI Co-PI	San Luis Valley Research Ctr USDA-CSREES-Coop State Rsrch Edu & Ext	Potato Breeding & Cultivar Development in the Southwest 8/1/02 - 7/31/03	1395	\$136,829
Holm,David G	Primary PI	San Luis Valley Research Ctr Colorado Certified Potato Growers Assn	Potato Breeding Program 6/1/00 - 12/31/02	5542	\$6,596
Holm,David G	Primary PI	San Luis Valley Research Ctr San Luis Valley Research Ctr. Committee	Scientific Services - Fernanda Popiel 7/1/00 - 6/30/02	6082	\$34,540
Holm,David G	Primary PI	San Luis Valley Research Ctr San Luis Valley Research Ctr. Committee	Scientific Services - Patrick Naranjo 7/1/02 - 6/30/03	8281	\$30,000
Holm,David G	Primary PI	San Luis Valley Research Ctr Potato Administration of Colorado	Potato Breeding & Selection 7/1/97 - 6/30/02	8320	\$25,000
Holm,David G	Primary PI	San Luis Valley Research Ctr Potato Administration of Colorado	Potato Cultivar Development for Northern Colorado 7/1/97 - 6/30/02	8336	\$2,500
Thompson,Asunta L Holm,David G	Primary PI Co-PI	San Luis Valley Research Ctr USDA-CSREES-Coop State Rsrch Edu & Ext	Potato Breeding & Cultivar Development in the Southwest 8/15/99 - 8/31/02	1362	\$125,000
Thompson,Asunta L	Primary PI	San Luis Valley Research Ctr Potato Administration of Colorado	Cultural & Physiological Studies 7/1/97 - 6/30/02	8325	\$12,000
Zink,Richard T	Primary PI	San Luis Valley Research Ctr Potato Administration of Colorado	Fungicide Screening & Evaluation Trials 7/1/97 - 6/30/02	8328	\$25,000
Zink,Richard T	Primary PI	San Luis Valley Research Ctr Potato Administration of Colorado	Utilization of Compost in San Luis Valley Crops 7/1/01 - 6/30/02	8341	\$5,000
Zink,Richard T	Primary PI	San Luis Valley Research Ctr Potato Administration of Colorado	Biology & Management of Columbia Root-knot Nematodes 7/1/01 - 6/30/02	8342	\$18,000
Cleary,Cindy A	Primary PI	Service Learning & Voluntr Pgm Corporation for National & Community Srv	Mobilizing Across the Curriculum 8/1/00 - 7/30/03	1003 1281	\$139,955
Berrada,Abdelfettah Peterson,Gary A	Primary PI Co-PI	Southwestern Colorado Res Ctr Utah State University	Developing Sustainable Dryland Cropping Systems in SW Colorado 9/15/99 - 12/31/02	1344 990527	\$49,183
Berrada,Abdelfettah Broner,Israel Cardon,Grant E	Primary PI Co-PI Co-PI	Southwestern Colorado Res Ctr DOI-Bureau of Reclamation	Research & Education Activities to Enhance Water Management & Conservation in Southwest Colorado 9/17/99 - 12/31/02	1806	\$10,000

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**Inter-departmental Project

Other - Awards

Investigators/Collaborators	Department/Sponsor	Title	Start Date End Date	5-3 Proj # PASS #	Award Amount
Immasche,Sonia M	Primary PI	Student Center City of Fort Collins - Fort Fund	6/27/01 - 6/26/02	5161	\$4,000
Felix,Oscar	Primary PI	Talent Search Program DE-Department of Education Talent Search	9/1/98 - 8/31/02	4266	\$317,726
Felix,Oscar	Primary PI	Talent Search Program DE-Department of Education Talent Search	9/1/98 - 8/31/02	4266	\$10,000
Hopkins,Donn	Primary PI	University Police Div. of Criminal Justice/CO Dept Pub Saf	7/1/02 - 6/30/03	0558 12930	\$58,870
Hopkins,Donn	Primary PI	University Police City of Fort Collins	7/1/01 - 6/30/02	5159	\$66,392
Hopkins,Donn	Primary PI	University Police Colorado Association of Chiefs of Police	8/1/98 - 7/31/02	5614	\$1,000
Caspari,Horst W Wilhelm,John B	Primary PI Collaborator	Western Colorado Research Ctr Washington Tree Fruit Research Commiss.	4/1/01 - 2/28/04	5062 10825	\$65,252
Pearson,Calvin H	Primary PI	Western Colorado Research Ctr USDA-CSREES-Coop State Rsrch Edu & Ext	9/15/01 - 9/30/05	1406 11319	\$2,500,000
Pearson,Calvin H	Primary PI	Western Colorado Research Ctr DOI-Bureau of Reclamation	6/5/98 - 12/31/01	2910	\$17,500
Zimmerman,Rick J	Primary PI	Western Colorado Research Ctr Colorado West Sweet Corn Committee	5/15/99 - 12/31/01	5011	\$5,889
				Other Total:	\$8,119,874

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**Inter-departmental Project

Awards Received includes all new and incremental funding toward a new or existing project.

Section VI
Inter-departmental Projects

Inter-departmental Proposals

Inter-departmental Proposals Submitted July 1, 2001 - June 30, 2002*

Sorted by Primary PI

Key Number	Primary PI	Administering Department	Sponsor	Total
02388001	Anderson, Charles	Computer Science	NSF - National Science Foundation	\$721,125.00
02454401	Asmus, Cheryl L	Dean Of Applied Human Sciences	EPA - Environmental Protection Agency	\$399,538.00
02444001	Asmus, Cheryl L	Dean Of Applied Human Sciences	Womens Foundation of Colorado	\$138,793.00
02369001	Baron, Jill	Natural Resource Ecology Lab	EPA - Environmental Protection Agency	\$69,984.00
02408101	Bateman, Ted A	Mechanical Engineering	NASA - Natl Aeronautics & Space Admin.	\$672,685.00
02424301	Beaty, Barry J	Microbiology	Univ. of Texas Medical Branch/Galveston.	\$6,889,392.00
02385801	Beck, K George	Bioagriculturl Sci & Pest Mgmt	USDA-CSREES-Coop State Rsrch Edu & Ex	\$117,249.00
02382001	Belk, Keith	Animal Sciences	AMIF - American Meat Institute Foundatio	\$197,976.00
02335901	Bell, Paul A	Dean Of Applied Human Sciences	HHS-ADA-Administration on Aging	\$448,816.00
02470601	Berrada, Abdelfettah	Southwestern Colorado Res Ctr	USDA-CSREES-Coop State Rsrch Edu & Ex	\$149,915.00
02381101	Bhadra, Rajiv	Chemical & Biores Engineering	USDA - US Department of Agriculture	\$234,500.00
02344401	Black, Anne E	Fish & Wildlife Biology	DOI-BLM-Bureau of Land Management	\$20,868.00
02471501	Bookin-Weiner, Jerome B	International Programs	DOS - US Department of State	\$149,659.00
02456901	Bookin-Weiner, Jerome B	International Programs	NIIED-Nat Inst for International Ed Dev	\$650,264.00
02469401	Borak, Thomas B	Radiological Health Sciences	DOD-DTRA-Defense Threat Reduction Agen	\$857,497.00
02404401	Bringi, Viswanathan N	Elec. & Computer Engineering	NSF - National Science Foundation	\$1,406,010.00
02368101	Bubar, Roe	Social Work	DOJ-OJP-OVC-Office of Victims of Crime	\$74,971.00
02432601	Buchan, Roy M	Environmental Health	HHS-NIH-National Institutes of Health	\$1,021,194.00
02378401	Burleigh, Joan M	Elec. & Computer Engineering	CCHE-Commission on Higher Education	\$59,757.00
02390201	Canetto, Silvia Sara	Psychology	AFSP-Amer Foundtn for Suicide Prevention	\$99,989.00
02473601	Carlson, Jonathan O	Microbiology	HHS-NIH-NIAID-Allergy & Infect Diseases	\$2,745,370.00
02456201	Carlson, Kenneth H	Civil Engineering	American Water Works Assc. Research Fd.	\$149,976.00
02453201	Charlie, Wayne A	Civil Engineering	DOI-USGS-Geological Survey	\$66,124.00
02426501	Cifelli, Robert C	Atmospheric Science	NSF - National Science Foundation	\$898,834.00
02421601	Conant, Richard T	Natural Resource Ecology Lab	NSF - National Science Foundation	\$1,998,748.00
02443501	Cotton, William R	Atmospheric Science	DOE - US Department of Energy	\$530,515.00
02404301	Covich, Alan P	Fish & Wildlife Biology	NSF - National Science Foundation	\$1,859,955.00
02405101	Curthoys, Norman P	Biochemistry & Molecular Bio	American Heart Association	\$214,500.00
02327701	Curthoys, Norman P	Biochemistry & Molecular Bio	American Heart Association	\$200,000.00
02415601	Curthoys, Norman P	Biochemistry & Molecular Bio	American Heart Association	\$110,000.00
02391601	Dandy, David S	Chemical & Biores Engineering	NSF - National Science Foundation	\$1,965,399.00
02448201	Dandy, David S	Chemical & Biores Engineering	HHS-NIH-Center for Scientific Review	\$2,352,065.00
02432701	Davis, Jessica G	Soil & Crop Sciences	USDA - US Department of Agriculture	\$519,196.00
02369401	Davis, Jessica G	Soil & Crop Sciences	USDA - US Department of Agriculture	\$60,000.00
02386801	Davis, Jessica G	Soil & Crop Sciences	EPA - Environmental Protection Agency	\$99,918.00

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See the following pages for a detail breakdown

Inter-departmental Proposals Submitted July 1, 2001 - June 30, 2002*

Sorted by Primary PI

Key Number	Primary PI	Administering Department	Sponsor	Total
02415401	Dernell,William S	Clinical Sciences	University of Colorado	\$93,949.00
02452201	Elhakim,Omnia	Dean Of Engineering	NSF - National Science Foundation	\$24,078,073.00
02324001	Elliott,C Michael	Chemistry	NSF - National Science Foundation	\$429,998.00
02390801	Fisher,Ellen R	Chemistry	NSF - National Science Foundation	\$1,161,781.00
02438201	France,Robert	Computer Science	NSF - National Science Foundation	\$1,198,951.00
02431301	Garcia,Luis	Civil Engineering	USDA - US Department of Agriculture	\$431,209.00
02331701	Garcia,Luis	Civil Engineering	DOE - US Department of Energy	\$255,346.00
02448101	Gebre-Amlak,Assefa	Cooperative Extension	EPA - Environmental Protection Agency	\$51,660.00
02409601	Gionfriddo,Juliet R	Clinical Sciences	American Coll of Veterinary Ophthalmol.	\$2,850.00
02415701	Gionfriddo,Juliet R	Clinical Sciences	American Coll of Veterinary Ophthalmol.	\$1,948.00
02336401	Gloeckner,Gene	School Of Education	NSF - National Science Foundation	\$303,076.00
02472701	Grainger,David W	Chemistry	HHS-NIH-National Institutes of Health	\$1,330,648.00
02358301	Grigg,Neil S	Civil Engineering	NSF - National Science Foundation	\$293,315.00
02328201	Haley,Scott D	Soil & Crop Sciences	BASF Corporation	\$20,590.00
02364201	Hammon,Robert W	Bioagriculturl Sci & Pest Mgmt	USDA-CSREES-Coop State Rsrch Edu & Ex	\$64,223.00
02426301	Hanan,Niall P	Natural Resource Ecology Lab	NSF - National Science Foundation	\$1,187,488.00
02443101	Hanan,Niall P	Natural Resource Ecology Lab	DOC-NOAA-Natl Oceanic & Atmospheric A	\$1,187,488.00
02468901	Hanneman,William H	Environmental Health	HHS-NIH-National Institutes of Health	\$1,208,427.00
02355301	Hanneman,William H	Environmental Health	EPA - Environmental Protection Agency	\$730,215.00
02337001	Heyliger,Paul R	Civil Engineering	DOD-ARPA-Advanced Research Proj. Agen	\$264,029.00
02392701	Heyliger,Paul R	Civil Engineering	NSF - National Science Foundation	\$960,119.00
02344501	Heyliger,Paul R	Civil Engineering	NSF - National Science Foundation	\$299,898.00
02357401	Hittle,Douglas C	Mechanical Engineering	NSF - National Science Foundation	\$852,206.00
02399301	Hobbs,N. Thompson	Natural Resource Ecology Lab	NSF - National Science Foundation	\$166,172.00
02331201	Hochheimer,Hans D	Physics	NSF - National Science Foundation	\$682,657.00
02444301	Hochheimer,Hans D	Physics	DOE - US Department of Energy	\$716,627.00
02465701	Holtzer,Thomas O	Bioagriculturl Sci & Pest Mgmt	USDA-CSREES-Coop State Rsrch Edu & Ex	\$299,316.00
02368601	Irlbeck,Nancy A	Animal Sciences	USDA - US Department of Agriculture	\$51,797.00
02430201	Ishii,Douglas N	Physiology	HHS-NIH-National Institutes of Health	\$571,097.00
02418901	Ishii,Douglas N	Physiology	Juvenile Diabetes Foundation	\$535,766.00
02375901	James,Keith	Psychology	NSF - National Science Foundation	\$873,299.00
02366101	James,Susan P	Mechanical Engineering	NASA - Natl Aeronautics & Space Admin.	\$14,999,998.00
02375801	Jayasumana,M A Anura P	Elec. & Computer Engineering	NSF - National Science Foundation	\$361,473.00
02433501	Karim,M Nazmul	Chemical & Biores Engineering	NSF - National Science Foundation	\$999,235.00
02408601	Kelly,Eugene F	Soil & Crop Sciences	NSF - National Science Foundation	\$4,680,000.00

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Inter-departmental Proposals Submitted July 1, 2001 - June 30, 2002*

Sorted by Primary PI

Key Number	Primary PI	Administering Department	Sponsor	Total
02392201	Kelly,Kathleen J	Marketing	University of Colorado	\$732,473.00
02439401	Larue,Susan M	Radiological Health Sciences	Morris Animal Foundation	\$300,834.00
02464001	Lewis,Chance W	School Of Education	NSF - Engineering Grant	\$99,882.00
02324201	Linden,James C	Chemical & Biores Engineering	NSF - National Science Foundation	\$398,569.00
02470101	Linden,James C	Chemical & Biores Engineering	DOE - US Department of Energy	\$627,011.00
02391301	Linden,James C	Microbiology	USDA - US Department of Agriculture	\$487,776.00
02330501	Loftis,Jim C	Civil Engineering	USDA-CSREES-Coop State Rsrch Edu & Ex	\$207,000.00
02466301	Macleay,Jennifer M	Clinical Sciences	HHS-NIH-National Institutes of Health	\$3,480,981.00
02431601	Madl,James E	Anatomy & Neurobiology	HHS-NIH-National Institutes of Health	\$754,500.00
02408001	Magnusson,Kathy	Anatomy & Neurobiology	HHS-NIH-National Institutes of Health	\$1,438,417.00
02382601	Mahan,John E	Elec. & Computer Engineering	NSF - National Science Foundation	\$621,224.00
02430901	Mcconnell,Sherry	Anatomy & Neurobiology	US Department of Education	\$453,377.00
02439601	Mccue,Patrick M	Clinical Sciences	Morris Animal Foundation	\$191,147.00
02355801	Medford,June I	Biology	NSF - National Science Foundation	\$1,005,703.00
02328301	Medford,June I	Biology	NSF - National Science Foundation	\$420,143.00
02449901	Miller-Heyl,Janet L	Cooperative Extension	HHS-CDC-Centers for Disease Control	\$1,291,604.00
02429001	Miller-Heyl,Janet L	Cooperative Extension	HHS-OS-OPHS-Office of Population Affairs	\$249,935.00
03481401	Miller-Heyl,Janet L	Cooperative Extension	HHS-CDC-Centers for Disease Control	\$7,038,355.00
02438401	Monnet,Eric	Clinical Sciences	Morris Animal Foundation	\$178,806.00
02412101	Monnet,Eric	Clinical Sciences	American Heart Association	\$70,096.00
02422901	Montgomery,Michael T	Atmospheric Science	NSF - National Science Foundation	\$964,423.00
02385901	Norton,Andrew P	Bioagriculturl Sci & Pest Mgmt	USDA-CSREES-Coop State Rsrch Edu & Ex	\$38,660.00
02380501	Oad,Ramchand	Civil Engineering	USDA - US Department of Agriculture	\$426,294.00
02380001	Ojima,Dennis	Natural Resource Ecology Lab	NSF - National Science Foundation	\$4,989,892.00
02446201	Ojima,Dennis	Natural Resource Ecology Lab	DOC-NOAA-Natl Oceanic & Atmospheric A	\$447,991.00
02417001	Ojima,Dennis	Natural Resource Ecology Lab	University of Maryland	\$999,941.00
02455801	Paustian,Keith H	Natural Resource Ecology Lab	EPA - Environmental Protection Agency	\$80,000.00
02407601	Poff,N. Leroy	Biology	EPA - Environmental Protection Agency	\$595,485.00
02361001	Pott,Wendy A	Environmental Health	HHS-NIH-NCI-National Cancer Institute	\$673,314.00
02380701	Qian,Yaling	Horticulture & Landscape Arch	USDA - US Department of Agriculture	\$262,452.00
02421501	Qian,Yaling	Horticulture & Landscape Arch	NSF - National Science Foundation	\$914,974.00
02435301	Randall,David A	Atmospheric Science	NSF - National Science Foundation	\$573,887.00
02370701	Randall,David A	Atmospheric Science	NASA - Natl Aeronautics & Space Admin.	\$171,887.00
02413801	Randall,David A	Atmospheric Science	NSF - National Science Foundation	\$490,010.00
02323301	Randall,David A	Atmospheric Science	NSF - National Science Foundation	\$518,287.00

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Inter-departmental Proposals Submitted July 1, 2001 - June 30, 2002*

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Key Number	Primary PI	Administering Department	Sponsor	Total
02461701	Reynolds, Stephen J	Environmental Health	HHS-NIH-National Institutes of Health	\$543,750.00
02419101	Rocca, Jorge J G	Elec. & Computer Engineering	CCHE-Commission on Higher Education	\$1,502,638.00
02465601	Salas, Jose D	Civil Engineering	NSF - National Science Foundation	\$686,283.00
02323601	Salman, M D	Environmental Health	HHS-FDA-Food & Drug Administration	\$119,834.00
02451101	Sample, Pat L	Occupational Therapy	HHS-CDC-Centers for Disease Control	\$244,087.00
02421301	Scanga, John A	Animal Sciences	CCHE-Commission on Higher Education	\$59,853.00
02454501	Schutter, Mary E	Soil & Crop Sciences	EPA - Environmental Protection Agency	\$84,852.00
02434001	Schwartz, Howard F	Bioagricultural Sci & Pest Mgmt	USDA - US Department of Agriculture	\$58,028.00
02420701	Schwartz, Howard F	Bioagricultural Sci & Pest Mgmt	USDA - US Department of Agriculture	\$515,741.00
02391001	Schwartz, Howard F	Bioagricultural Sci & Pest Mgmt	USDA - US Department of Agriculture	\$146,611.00
02440301	Siller, Thomas J	Civil Engineering	NSF - National Science Foundation	\$9,951,093.00
02408501	Siller, Thomas J	Civil Engineering	NSF - National Science Foundation	\$193,785.00
02352601	Smith, Charles A.P	Computer Information Systems	DOD-ARPA-Advanced Research Proj. Agen	\$442,067.00
02410101	Stevens, Joseph E	Fish & Wildlife Biology	DOI-NPS-National Park Service	\$39,999.00
02467201	Thaut, Michael H	Music, Theatre & Dance	HHS-NIH-National Institutes of Health	\$290,000.00
02411301	Thaut, Michael H	Music, Theatre & Dance	HHS-NIH-National Institutes of Health	\$145,000.00
02361101	Traub-Dargatz, Josie L	Clinical Sciences	Grayson-Jockey Club Research Foundation	\$18,139.00
02412601	Ullrich, Robert L	Radiological Health Sciences	CCHE-Commission on Higher Education	\$1,137,428.00
02337101	Vivanco, Jorge M	Horticulture & Landscape Arch	Cystic Fibrosis Foundation	\$86,400.00
02384001	Wallner, Stephen J	Horticulture & Landscape Arch	Colorado Department of Agriculture	\$1,500,000.00
02400801	Warren, Steven D	CEMML	NSF - National Science Foundation	\$422,049.00
02425901	Welker, Jeffrey M	Natural Resource Ecology Lab	NSF - National Science Foundation	\$1,519,022.00
02428701	Wheeler, Donna	Mechanical Engineering	Stryker Biotech	\$254,762.00
02350001	Wheeler, Donna	Mechanical Engineering	Stryker Biotech	\$135,555.00
02411501	Wheeler, Donna	Mechanical Engineering	University of Florida	\$1,248,474.00
02408301	Wickramasinghe, Ranil	Chemical & Biores Engineering	NSF - National Science Foundation	\$177,906.00
02416901	Wilkins-Wells, John Reese	Civil Engineering	Colorado State Water Conservation Board	\$602,770.00
02362301	Wilson, Thomas G	Biology	HHS-NIH-Center for Scientific Review	\$857,234.00
02386501	Wohl, Ellen E	Earth Resources	NSF - National Science Foundation	\$146,895.00
02398901	Woods, Sandra L	Civil Engineering	NSF - National Science Foundation	\$422,749.00
02367001	Yang, Raymond S H	Environmental Health	HHS-NIH-National Institutes of Health	\$675,337.00
02420801	Yang, Raymond S H	Environmental Health	HHS-NIH-National Institutes of Health	\$424,729.00
02410401	Yang, Raymond S H	Environmental Health	NSF - National Science Foundation	\$2,507,164.00
02369301	Zalesky, Douglas D	Animal Sciences	USDA - US Department of Agriculture	\$71,287.00
02471601	Zalesky, Douglas D	San Juan Basin Research Center	USDA-CSREES-Coop State Rsrch Edu & Ex	\$63,607.00

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See the following pages for a detail breakdown

Inter-departmental Proposals Submitted July 1, 2001 - June 30, 2002*

Sorted by Primary PI

Key Number	Primary PI	Administering Department	Sponsor	Total
02432201	Zimdahl,Robert L	Bioagriculturl Sci & Pest Mgmt	Colorado Endowment for the Humanities	\$4,940.00
02416601	Zimdahl,Robert L	Bioagriculturl Sci & Pest Mgmt	USDA-CSREES-Coop State Rsrch Edu & Ex	\$26,583.00
02411701	Zimmerman,Donald E	Journalism & Technical Comm	HHS-NIH-National Institutes of Health	\$1,330,373.00

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See the following pages for a detail breakdown

Inter-departmental Proposals Submitted July 1, 2001 - June 30, 2002*

Agricultural Sciences

Agric & Resource Economics

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Animal Sciences	CCHE-Commission on Higher Education	Bio-Waste Disposal & Utilization in Colorado	1/1/03 - 12/31/03	02421301 \$59,853
<i>Investigators/Collaborators:</i>				
Scanga,John A	Primary PI	Animal Sciences		
Belk,Keith	Co-PI	Animal Sciences		
Sofos,John N	Co-PI	Animal Sciences		
Garry,Franklyn B	Collaborator	Clinical Sciences		
Koontz,Stephen R	Collaborator	Agric & Resource Economics		
Umberger,Wendy J	Collaborator	Agric & Resource Economics		
Dean Of Applied Human Sciences	EPA - Environmental Protection Agency	Combining Psychological & Economic Methods to Improve Understanding of Factors Determining Adults'Valuation of...	7/1/02 - 6/30/05	02454401 \$399,538
<i>Investigators/Collaborators:</i>				
Asmus,Cheryl L	Primary PI	Dean Of Applied Human Sciences		
Bell,Paul A	Co-PI	Psychology		
Loomis,John B	Co-PI	Agric & Resource Economics		
Fish & Wildlife Biology	NSF - National Science Foundation	Rivers, Roads, & People: Complex Interactions of Overlapping Networks in Watersheds	7/1/02 - 6/30/07	02404301 \$1,859,955
<i>Investigators/Collaborators:</i>				
Covich,Alan P	Primary PI	Fish & Wildlife Biology		
Laituri,Melinda J	Co-PI	Earth Resources		
Loomis,John B	Co-PI	Agric & Resource Economics		
Ramirez,Jorge A	Co-PI	Civil Engineering		
Wohl,Ellen E	Co-PI	Earth Resources		
Soil & Crop Sciences	USDA - US Department of Agriculture	Establishing Dialogue Between Alternative Agriculture Producers & the Land-Grant University in Colorado	10/1/02 - 9/30/04	02369401 \$60,000
<i>Investigators/Collaborators:</i>				
Davis,Jessica G	Primary PI	Soil & Crop Sciences		
Card,Adrian .	Co-PI	Horticulture & Landscape Arch		
Hine,Susan E	Co-PI	Agric & Resource Economics		
Lamm,W Dennis	Co-PI	Animal Sciences		
Thilmany,Dawn D	Co-PI	Agric & Resource Economics		

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Inter-departmental Proposals Submitted July 1, 2001 - June 30, 2002*

Agricultural Sciences

Agric & Resource Economics

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Soil & Crop Sciences	USDA - US Department of Agriculture	Transporting Composted Manure from Feedlots to Urban Turfgrass to Improve Water Quality in the South Platte Basin	10/1/02 - 9/30/06	02432701 \$519,196
<i>Investigators/Collaborators:</i>				
Davis, Jessica G	Primary PI	Soil & Crop Sciences		
Hine, Susan E	Co-PI	Agric & Resource Economics		
Qian, Yaling	Co-PI	Horticulture & Landscape Arch		

Animal Sciences

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Animal Sciences	USDA - US Department of Agriculture	Nutritional/Reproductive Implications of Feeding Cull Onions (<i>Allium cepa</i>) to White-faced Sheep	9/26/01 - 5/15/02	02368601 \$51,797
<i>Investigators/Collaborators:</i>				
Irlbeck, Nancy A	Primary PI	Animal Sciences		
Animal Sciences	AMIF - American Meat Institute Foundatio	Investigation of Potential On-Farm Management Practices as Beef Microbiological Interventions	2/1/02 - 5/1/03	02382001 \$197,976
<i>Investigators/Collaborators:</i>				
Belk, Keith	Primary PI	Animal Sciences		
Grandin, Temple	Co-PI	Animal Sciences		
Ransom, Justin R	Co-PI	Animal Sciences		
Scanga, John A	Co-PI	Animal Sciences		
Sofos, John N	Co-PI	Animal Sciences		

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Agricultural Sciences

Animal Sciences

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Animal Sciences	CCHE-Commission on Higher Education	Bio-Waste Disposal & Utilization in Colorado	1/1/03 - 12/31/03	02421301 \$59,853

Investigators/Collaborators:

Scanga,John A	Primary PI	Animal Sciences
Belk,Keith	Co-PI	Animal Sciences
Sofos,John N	Co-PI	Animal Sciences
Garry,Franklyn B	Collaborator	Clinical Sciences
Koontz,Stephen R	Collaborator	Agric & Resource Economics
Umberger,Wendy J	Collaborator	Agric & Resource Economics

Environmental Health	HHS-FDA-Food & Drug Administration	Bovine Spongiform Encephalopathy Specified Risk Materials in Meat Products in the United States of America	10/1/01 - 9/30/02	02323601 \$119,834
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Investigators/Collaborators:

Salman,M D	Primary PI	Environmental Health
Hossner,Kim L	Co-PI	Animal Sciences
Schmidt,Glenn R	Co-PI	Animal Sciences

Soil & Crop Sciences	USDA - US Department of Agriculture	Establishing Dialogue Between Alternative Agriculture Producers & the Land-Grant University in Colorado	10/1/02 - 9/30/04	02369401 \$60,000
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Investigators/Collaborators:

Davis,Jessica G	Primary PI	Soil & Crop Sciences
Card,Adrian .	Co-PI	Horticulture & Landscape Arch
Hine,Susan E	Co-PI	Agric & Resource Economics
Lamm,W Dennis	Co-PI	Animal Sciences
Thilmany,Dawn D	Co-PI	Agric & Resource Economics

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Agricultural Sciences

Bioagricultural Sci & Pest Mgmt

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Bioagricultural Sci & Pest Mgmt	USDA-CSREES-Coop State Rsrch Edu & Ext	Defining Genetic Variability of Yellow Toadflax As A First Step to Develop A Successful Biocontrol Program	4/1/02 - 3/31/05	02385801 \$117,249
<i>Investigators/Collaborators:</i>				
Beck,K George	Primary PI	Bioagricultural Sci & Pest Mgmt		
Ward,Sarah M	Co-PI	Soil & Crop Sciences		
Bioagricultural Sci & Pest Mgmt	USDA-CSREES-Coop State Rsrch Edu & Ext	Integrating Control Strategies for Grape Powdery Mildew	7/1/02 - 6/30/04	02385901 \$38,660
<i>Investigators/Collaborators:</i>				
Norton,Andrew P	Primary PI	Bioagricultural Sci & Pest Mgmt		
Caspari,Horst W	Collaborator	Horticulture & Landscape Arch		
Larsen,Harold J	Collaborator	Western Colorado Research Ctr		
Bioagricultural Sci & Pest Mgmt	USDA - US Department of Agriculture	Effects of Cultural Practices & Cropping System on Xanthomas	7/1/02 - 6/30/05	02391001 \$146,611
<i>Investigators/Collaborators:</i>				
Schwartz,Howard F	Primary PI	Bioagricultural Sci & Pest Mgmt		
Bartolo,Michael E	Collaborator	Arkansas Valley Research Ctr		
Franc,Gary D	Collaborator	Bioagricultural Sci & Pest Mgmt		
Ishimaru,Carol A	Collaborator	Bioagricultural Sci & Pest Mgmt		
Bioagricultural Sci & Pest Mgmt	USDA-CSREES-Coop State Rsrch Edu & Ext	Case Studies in Agricultural Ethics	9/1/02 - 12/31/03	02416601 \$26,583
<i>Investigators/Collaborators:</i>				
Zimdahl,Robert L	Primary PI	Bioagricultural Sci & Pest Mgmt		
Speer,R Lee	Co-PI	Philosophy		

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Agricultural Sciences

Bioagricultural Sci & Pest Mgmt

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Bioagricultural Sci & Pest Mgmt	USDA - US Department of Agriculture	Integrated Management of Xanthomonas Leaf Blight of Onion	7/1/02 - 6/30/05	02420701 \$515,741
<i>Investigators/Collaborators:</i>				
Schwartz,Howard F	Primary PI	Bioagricultural Sci & Pest Mgmt		
Bartolo,Michael E	Collaborator	Arkansas Valley Research Ctr		
Franc,Gary D	Collaborator	Bioagricultural Sci & Pest Mgmt		
Ishimaru,Carol A	Collaborator	Bioagricultural Sci & Pest Mgmt		
Khosla,Raj	Collaborator	Soil & Crop Sciences		
Mcdonald,Sandra K	Collaborator	Bioagricultural Sci & Pest Mgmt		
Bioagricultural Sci & Pest Mgmt	Colorado Endowment for the Humanities	Visions of Agriculture	9/1/02 - 11/1/02	02432201 \$4,940
<i>Investigators/Collaborators:</i>				
Zimdahl,Robert L	Primary PI	Bioagricultural Sci & Pest Mgmt		
Day,Richard	Collaborator	Cooperative Extension		
Williams,Ronald G	Collaborator	Philosophy		
Bioagricultural Sci & Pest Mgmt	USDA - US Department of Agriculture	Eco-Tillage, Biopesticide & Resistance Management of White Mold in Dry Bean	5/31/02 - 6/1/04	02434001 \$58,028
<i>Investigators/Collaborators:</i>				
Schwartz,Howard F	Primary PI	Bioagricultural Sci & Pest Mgmt		
Brick,Mark A	Co-PI	Soil & Crop Sciences		
Bioagricultural Sci & Pest Mgmt	USDA-CSREES-Coop State Rsrch Edu & Ext	Management of Russian Wheat Aphids in Dryland Cropping Systems	9/30/02 - 9/29/03	02465701 \$299,316
<i>Investigators/Collaborators:</i>				
Holtzer,Thomas O	Primary PI	Bioagricultural Sci & Pest Mgmt		
Haley,Scott D	Collaborator	Soil & Crop Sciences		
Lapitan,Nora	Collaborator	Soil & Crop Sciences		
Peairs,Frank B	Collaborator	Bioagricultural Sci & Pest Mgmt		
Peterson,Gary A	Collaborator	Soil & Crop Sciences		

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Agricultural Sciences

Bioagriculturl Sci & Pest Mgmt

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Cooperative Extension	EPA - Environmental Protection Agency	Using Degree Day Models to Reduce or Optimize Insecticide Use	4/1/02 - 12/31/04	02448101 \$51,660

Investigators/Collaborators:

Gebre-Amlak,Assefa	Primary PI	Cooperative Extension
Peairs, Frank B	Co-PI	Bioagriculturl Sci & Pest Mgmt

Microbiology	Univ. of Texas Medical Branch/Galveston.	United States Based Collaboration in Emerging Viral & Prion Diseases	9/27/02 - 9/26/09	02424301 \$6,889,392
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Investigators/Collaborators:

Beaty, Barry J	Primary PI	Microbiology
Black, William C Iv	Co-PI	Microbiology
Blair, Carol D	Co-PI	Microbiology
Bowen, Richard A	Co-PI	Physiology
Calisher, Charles H	Co-PI	Microbiology
Carlson, Jonathan O	Co-PI	Microbiology
Olson, Kenneth E	Co-PI	Microbiology
Hutcheson, Harry Joel	Collaborator	Bioagriculturl Sci & Pest Mgmt

Horticulture & Landscape Arch

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Bioagriculturl Sci & Pest Mgmt	USDA-CSREES-Coop State Rsrch Edu & Ext	Integrating Control Strategies for Grape Powdery Mildew	7/1/02 - 6/30/04	02385901 \$38,660

Investigators/Collaborators:

Norton, Andrew P	Primary PI	Bioagriculturl Sci & Pest Mgmt
Caspari, Horst W	Collaborator	Horticulture & Landscape Arch
Larsen, Harold J	Collaborator	Western Colorado Research Ctr

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Inter-departmental Proposals Submitted July 1, 2001 - June 30, 2002*

Agricultural Sciences

Horticulture & Landscape Arch

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Chemical & Biores Engineering	DOE - US Department of Energy	Ethylene Induction of Plant Root Protein Secretion	12/12/02 - 12/11/05	02470101 \$627,011
<i>Investigators/Collaborators:</i>				
Linden,James C	Primary PI	Micro, Imuno & Path		
Barisas,B George	Co-PI	Chemistry		
Vivanco,Jorge M	Co-PI	Horticulture & Landscape Arch		
Horticulture & Landscape Arch	Cystic Fibrosis Foundation	Rosmarinic Acid : A Potent anti-Pseudomonas aeruginosa Drug	10/1/01 - 9/30/03	02337101 \$86,400
<i>Investigators/Collaborators:</i>				
Vivanco,Jorge M	Primary PI	Horticulture & Landscape Arch		
Schweizer,Herbert P	Co-PI	Microbiology		
Horticulture & Landscape Arch	USDA - US Department of Agriculture	Amending Disturbed Urban Soil with Composted Manure to Reduce Turf Water Requirements & Protect Water Quality	5/1/02 - 5/1/05	02380701 \$262,452
<i>Investigators/Collaborators:</i>				
Qian,Yaling	Primary PI	Horticulture & Landscape Arch		
Cardon,Grant E	Co-PI	Soil & Crop Sciences		
Davis,Jessica G	Co-PI	Soil & Crop Sciences		
Koski,Anthony J	Co-PI	Horticulture & Landscape Arch		
Horticulture & Landscape Arch	Colorado Department of Agriculture	Colorado Specialty Crops Program	1/1/02 - 12/31/06	02384001 \$1,500,000
<i>Investigators/Collaborators:</i>				
Wallner,Stephen J	Primary PI	Horticulture & Landscape Arch		
Rewerts,Milan A	Collaborator	Cooperative Extension		
Sommers,Lee E	Collaborator	Agric Experiment Station		
Horticulture & Landscape Arch	NSF - National Science Foundation	Carbon Sequestration & Greenhouse Gas Emissions in Urban & Suburban Turfgrass Lands	9/1/02 - 8/30/07	02421501 \$914,974
<i>Investigators/Collaborators:</i>				
Qian,Yaling	Primary PI	Horticulture & Landscape Arch		
Parton,William J	Co-PI	Natural Resource Ecology Lab		

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Agricultural Sciences

Horticulture & Landscape Arch

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Soil & Crop Sciences	USDA - US Department of Agriculture	Establishing Dialogue Between Alternative Agriculture Producers & the Land-Grant University in Colorado	10/1/02 - 9/30/04	02369401 \$60,000
<i>Investigators/Collaborators:</i>				
Davis, Jessica G	Primary PI	Soil & Crop Sciences		
Card, Adrian .	Co-PI	Horticulture & Landscape Arch		
Hine, Susan E	Co-PI	Agric & Resource Economics		
Lamm, W Dennis	Co-PI	Animal Sciences		
Thilmany, Dawn D	Co-PI	Agric & Resource Economics		
Soil & Crop Sciences	EPA - Environmental Protection Agency	Transporting Composted Manure from Feedlots to Urban Turfgrass to Improve Water Quality	5/1/02 - 4/30/04	02386801 \$99,918
<i>Investigators/Collaborators:</i>				
Davis, Jessica G	Primary PI	Soil & Crop Sciences		
Qian, Yaling	Co-PI	Horticulture & Landscape Arch		
Soil & Crop Sciences	USDA - US Department of Agriculture	Transporting Composted Manure from Feedlots to Urban Turfgrass to Improve Water Quality in the South Platte Basin	10/1/02 - 9/30/06	02432701 \$519,196
<i>Investigators/Collaborators:</i>				
Davis, Jessica G	Primary PI	Soil & Crop Sciences		
Hine, Susan E	Co-PI	Agric & Resource Economics		
Qian, Yaling	Co-PI	Horticulture & Landscape Arch		

Soil & Crop Sciences

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Bioagricultural Sci & Pest Mgmt	USDA-CSREES-Coop State Rsrch Edu & Ext	Defining Genetic Variability of Yellow Toadflax As A First Step to Develop A Successful Biocontrol Program	4/1/02 - 3/31/05	02385801 \$117,249
<i>Investigators/Collaborators:</i>				
Beck, K George	Primary PI	Bioagricultural Sci & Pest Mgmt		
Ward, Sarah M	Co-PI	Soil & Crop Sciences		

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Agricultural Sciences

Soil & Crop Sciences

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Bioagricultural Sci & Pest Mgmt	USDA - US Department of Agriculture	Integrated Management of Xanthomonas Leaf Blight of Onion	7/1/02 - 6/30/05	02420701 \$515,741
<i>Investigators/Collaborators:</i>				
Schwartz,Howard F	Primary PI	Bioagricultural Sci & Pest Mgmt		
Bartolo,Michael E	Collaborator	Arkansas Valley Research Ctr		
Franc,Gary D	Collaborator	Bioagricultural Sci & Pest Mgmt		
Ishimaru,Carol A	Collaborator	Bioagricultural Sci & Pest Mgmt		
Khosla,Raj	Collaborator	Soil & Crop Sciences		
Mcdonald,Sandra K	Collaborator	Bioagricultural Sci & Pest Mgmt		
Bioagricultural Sci & Pest Mgmt	USDA - US Department of Agriculture	Eco-Tillage, Biopesticide & Resistance Management of White Mold in Dry Bean	5/31/02 - 6/1/04	02434001 \$58,028
<i>Investigators/Collaborators:</i>				
Schwartz,Howard F	Primary PI	Bioagricultural Sci & Pest Mgmt		
Brick,Mark A	Co-PI	Soil & Crop Sciences		
Bioagricultural Sci & Pest Mgmt	USDA-CSREES-Coop State Rsrch Edu & Ext	Management of Russian Wheat Aphids in Dryland Cropping Systems	9/30/02 - 9/29/03	02465701 \$299,316
<i>Investigators/Collaborators:</i>				
Holtzer,Thomas O	Primary PI	Bioagricultural Sci & Pest Mgmt		
Haley,Scott D	Collaborator	Soil & Crop Sciences		
Lapitan,Nora	Collaborator	Soil & Crop Sciences		
Peairs,Frank B	Collaborator	Bioagricultural Sci & Pest Mgmt		
Peterson,Gary A	Collaborator	Soil & Crop Sciences		
Civil Engineering	USDA-CSREES-Coop State Rsrch Edu & Ext	National Needs Graduate Fellowships in Natural Resources	1/1/02 - 12/30/04	02330501 \$207,000
<i>Investigators/Collaborators:</i>				
Loftis,Jim C	Primary PI	Civil Engineering		
Davis,Jessica G	Co-PI	Soil & Crop Sciences		

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Agricultural Sciences

Soil & Crop Sciences

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Civil Engineering	USDA - US Department of Agriculture	Protecting Ground Water Using a Web-Based Management Geographic Information Systems Management Tool	9/1/02 - 8/31/05	02431301 \$431,209
<i>Investigators/Collaborators:</i>				
Garcia,Luis	Primary PI	Civil Engineering		
Bauder,Troy A	Co-PI	Soil & Crop Sciences		
Cipra,Jan E	Co-PI	Soil & Crop Sciences		
Waskom,Reagan M	Co-PI	Soil & Crop Sciences		
Horticulture & Landscape Arch	USDA - US Department of Agriculture	Amending Disturbed Urban Soil with Composted Manure to Reduce Turf Water Requirements & Protect Water Quality	5/1/02 - 5/1/05	02380701 \$262,452
<i>Investigators/Collaborators:</i>				
Qian,Yaling	Primary PI	Horticulture & Landscape Arch		
Cardon,Grant E	Co-PI	Soil & Crop Sciences		
Davis,Jessica G	Co-PI	Soil & Crop Sciences		
Koski,Anthony J	Co-PI	Horticulture & Landscape Arch		
Natural Resource Ecology Lab	NSF - National Science Foundation	Decoupling of Carbon & Nitrogen Cycling in Disturbed Agroecosystems: Implications for Greenhouse Gas Fluxes	7/1/02 - 6/30/07	02421601 \$1,998,748
<i>Investigators/Collaborators:</i>				
Conant,Richard T	Primary PI	Natural Resource Ecology Lab		
Parton,William J	Co-PI	Natural Resource Ecology Lab		
Paustian,Keith H	Co-PI	Soil & Crop Sciences		
Schutter,Mary E	Co-PI	Soil & Crop Sciences		
Natural Resource Ecology Lab	NSF - National Science Foundation	Carbon Cycling Processes, Patterns, & Responses to Projected Changes in Climate across North American Biomes Using . . .	9/1/02 - 8/31/07	02425901 \$1,519,022
<i>Investigators/Collaborators:</i>				
Welker,Jeffrey M	Primary PI	Natural Resource Ecology Lab		
Conant,Richard T	Co-PI	Natural Resource Ecology Lab		
Fahnestock,Jace T	Co-PI	Natural Resource Ecology Lab		
Kelly,Eugene F	Co-PI	Soil & Crop Sciences		

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Agricultural Sciences

Soil & Crop Sciences

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Natural Resource Ecology Lab	EPA - Environmental Protection Agency	National Agricultural Soil Carbon Inventory & IPCC Good Practices Guidelines: Project Workplan & Deliverables	6/1/02 - 5/31/03	02455801 \$80,000
<i>Investigators/Collaborators:</i>				
Paustian,Keith H	Primary PI	Soil & Crop Sciences		
Breidt,F.Jay	Collaborator	Statistics		
Soil & Crop Sciences	BASF Corporation	Clearfield Winter Wheat Cultivar Development for Colorado & the Central Great Plains	7/1/01 - 6/30/02	02328201 \$20,590
<i>Investigators/Collaborators:</i>				
Haley,Scott D	Primary PI	Soil & Crop Sciences		
Yu,Liangli	Co-PI	Food Science & Human Nutrition		
Soil & Crop Sciences	USDA - US Department of Agriculture	Establishing Dialogue Between Alternative Agriculture Producers & the Land-Grant University in Colorado	10/1/02 - 9/30/04	02369401 \$60,000
<i>Investigators/Collaborators:</i>				
Davis,Jessica G	Primary PI	Soil & Crop Sciences		
Card,Adrian .	Co-PI	Horticulture & Landscape Arch		
Hine,Susan E	Co-PI	Agric & Resource Economics		
Lamm,W Dennis	Co-PI	Animal Sciences		
Thilmany,Dawn D	Co-PI	Agric & Resource Economics		
Soil & Crop Sciences	EPA - Environmental Protection Agency	Transporting Composted Manure from Feedlots to Urban Turfgrass to Improve Water Quality	5/1/02 - 4/30/04	02386801 \$99,918
<i>Investigators/Collaborators:</i>				
Davis,Jessica G	Primary PI	Soil & Crop Sciences		
Qian,Yaling	Co-PI	Horticulture & Landscape Arch		

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Agricultural Sciences

Soil & Crop Sciences

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Soil & Crop Sciences	NSF - National Science Foundation	Long Term Ecological Research: Shortgrass Steppe	11/1/02 - 10/31/08	02408601 \$4,680,000
<i>Investigators/Collaborators:</i>				
Kelly,Eugene F	Primary PI	Soil & Crop Sciences		
Antolin,Michael F	Co-PI	Biology		
Burke,Ingrid C	Co-PI	Forest Sciences		
Lauenroth,William K	Co-PI	Rangeland Ecosystem Science		
Morgan,Jack A	Co-PI	No Department		
Stafford,Susan G	Co-PI	Forest Sciences		
Soil & Crop Sciences	USDA - US Department of Agriculture	Transporting Composted Manure from Feedlots to Urban Turfgrass to Improve Water Quality in the South Platte Basin	10/1/02 - 9/30/06	02432701 \$519,196
<i>Investigators/Collaborators:</i>				
Davis,Jessica G	Primary PI	Soil & Crop Sciences		
Hine,Susan E	Co-PI	Agric & Resource Economics		
Qian,Yaling	Co-PI	Horticulture & Landscape Arch		
Soil & Crop Sciences	EPA - Environmental Protection Agency	Above & Belowground Community Responses to Rangeland Biosolids Applications	6/1/02 - 12/31/03	02454501 \$84,852
<i>Investigators/Collaborators:</i>				
Schutter,Mary E	Primary PI	Soil & Crop Sciences		
Paschke,Mark W	Co-PI	Rangeland Ecosystem Science		
Redente,Edward F	Co-PI	Rangeland Ecosystem Science		

*Includes all projects identified by the primary Principal Investigator as inter-departmental on the Sponsored Project Approval Form (SP-1).

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Applied Human Sciences

Dean Of Applied Human Sciences

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Dean Of Applied Human Sciences	Womens Foundation of Colorado	Measuring Girls' Life Skills Programs: Self-Efficacy & Locus of Control	8/1/02 - 7/1/04	02444001 \$138,793
<i>Investigators/Collaborators:</i>				
Asmus,Cheryl L	Primary PI	Dean Of Applied Human Sciences		
Elias,Steven M	Co-PI	Psychology		
Dean Of Applied Human Sciences	EPA - Environmental Protection Agency	Combining Psychological & Economic Methods to Improve Understanding of Factors Determining Adults'Valuation of...	7/1/02 - 6/30/05	02454401 \$399,538
<i>Investigators/Collaborators:</i>				
Asmus,Cheryl L	Primary PI	Dean Of Applied Human Sciences		
Bell,Paul A	Co-PI	Psychology		
Loomis,John B	Co-PI	Agric & Resource Economics		
Psychology	AFSP-Amer Foundtn for Suicide Prevention	Beliefs & Attitudes about Gender & Suicide among European American & Hispanic Older Adults	7/1/02 - 6/30/04	02390201 \$99,989
<i>Investigators/Collaborators:</i>				
Canetto,Silvia Sara	Primary PI	Psychology		
Asmus,Cheryl L	Co-PI	Dean Of Applied Human Sciences		

Food Science & Human Nutrition

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Soil & Crop Sciences	BASF Corporation	Clearfield Winter Wheat Cultivar Development for Colorado & the Central Great Plains	7/1/01 - 6/30/02	02328201 \$20,590
<i>Investigators/Collaborators:</i>				
Haley,Scott D	Primary PI	Soil & Crop Sciences		
Yu,Liangli	Co-PI	Food Science & Human Nutrition		

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Applied Human Sciences

Human Dev & Family Studies

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Cooperative Extension	HHS-OS-OPHS-Office of Population Affairs	DARE to BE You Family Based Prevention of Teen Pregnancy	9/30/02 - 9/29/03	02429001 \$249,935
<i>Investigators/Collaborators:</i>				
Miller-Heyl,Janet L	Primary PI	Cooperative Extension		
Macphee,David L	Co-PI	Human Dev & Family Studies		
Cooperative Extension	HHS-CDC-Centers for Disease Control	DARE to be You Bridge Program in Montezuma County & Navajo Nation	9/30/02 - 9/29/05	02449901 \$1,291,604
<i>Investigators/Collaborators:</i>				
Miller-Heyl,Janet L	Primary PI	Cooperative Extension		
Macphee,David L	Co-PI	Human Dev & Family Studies		
Cooperative Extension	HHS-CDC-Centers for Disease Control	Multi-level Intervention to Prevent Child Abuse	9/30/02 - 9/29/07	03481401 \$7,038,355
<i>Investigators/Collaborators:</i>				
Miller-Heyl,Janet L	Primary PI	Cooperative Extension		
Biringen,Zeynep C	Co-PI	Human Dev & Family Studies		
Macphee,David L	Co-PI	Human Dev & Family Studies		
Dean Of Applied Human Sciences	HHS-ADA-Administration on Aging	Establishing Elder Care Networks & Training Savvy Caregivers in Rural Areas	1/1/02 - 12/31/04	02335901 \$448,816
<i>Investigators/Collaborators:</i>				
Bell,Paul A	Primary PI	Psychology		
Barber,Clifton E	Collaborator	Human Dev & Family Studies		

Occupational Therapy

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Occupational Therapy	HHS-CDC-Centers for Disease Control	Community Action for Migrant Child Injury Prevention	9/30/02 - 9/29/05	02451101 \$244,087
<i>Investigators/Collaborators:</i>				
Sample,Pat L	Primary PI	Occupational Therapy		
Stallones,Lorann	Collaborator	Env & Rad Health Sci		

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Applied Human Sciences

School Of Education

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Civil Engineering	NSF - National Science Foundation	Improving Retention & Education Effectiveness with an Innovative Civil Engineering Core Curriculum	9/4/02 - 8/31/05	02398901 \$422,749
<i>Investigators/Collaborators:</i>				
Woods,Sandra L	Primary PI	Civil Engineering		
Criswell,Marvin E	Co-PI	Civil Engineering		
Grigg,Neil S	Co-PI	Civil Engineering		
Saito,Laurel	Co-PI	Civil Engineering		
Timpson,William M	Co-PI	School Of Education		
International Programs	NIIED-Nat Inst for International Ed Dev	Short-Term Professional Development Program for Korean Secondary School Science Teachers	7/1/02 - 2/28/03	02456901 \$650,264
<i>Investigators/Collaborators:</i>				
Bookin-Weiner,Jerome B	Primary PI	International Programs		
Carroll,Barry L	Collaborator	Center For Sci, Math & Tech Ed		
De Miranda,Michael A. J	Collaborator	Housing		
Gorell,Thomas A	Collaborator	Hughes Un Bio-Ctr Life Science		
Jones,Brian	Collaborator	Physics		
Jones,Christine S	Collaborator	Center For Sci, Math & Tech Ed		
Thompson,Stephen	Collaborator	Chemistry		
Yohon,Teresa I	Collaborator	School Of Education		
School Of Education	NSF - National Science Foundation	Hydro-Education Laboratory	6/1/02 - 5/31/06	02336401 \$303,076
<i>Investigators/Collaborators:</i>				
Gloeckner,Gene	Primary PI	School Of Education		
School Of Education	NSF - Engineering Grant	A Planning Grant to Develop a Proposal Submitted to the National Science Foundation (NSF) Bridges for Engineering Ed.	1/1/03 - 12/31/03	02464001 \$99,882
<i>Investigators/Collaborators:</i>				
Lewis,Chance W	Primary PI	School Of Education		
Phillips,Benita F	Co-PI	Dean Of Engineering		

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Applied Human Sciences

Social Work

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Environmental Health	HHS-NIH-National Institutes of Health	HI-CAHS Regionalization Through State Health & Safety Specialists	12/1/02 - 11/30/05	02432601 \$1,021,194

Investigators/Collaborators:

Buchan,Roy M	Primary PI	Environmental Health
Buchan,Victoria	Co-PI	Social Work

Social Work	DOJ-OJP-OVC-Office of Victims of Crime	Examining Prosecution in Child Sexual Abuse in Indian Country: A Case Study	1/1/02 - 9/30/02	02368101 \$74,971
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Investigators/Collaborators:

Bubar,Roe	Primary PI	Social Work
Vernon,Irene	Co-PI	English
Schatz,Mona Struhsaker	Collaborator	Social Work
Shears,Jeffrey	Collaborator	Ctr Applied Stu Amer Ethnicity
Valdez,Norberto	Collaborator	Anthropology

Business

Computer Information Systems

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Computer Information Systems	DOD-ARPA-Advanced Research Proj. Agency	Multi-Modal Support for Augmented Cognition	10/1/01 - 12/31/02	02352601 \$442,067

Investigators/Collaborators:

Smith,Charles A.P	Primary PI	Computer Information Systems
Clegg,Benjamin A	Co-PI	Psychology
Young,Peter	Co-PI	Elec. & Computer Engineering

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Business

Computer Information Systems

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Computer Science	NSF - National Science Foundation	Software Engineering Research Repository	8/16/02 - 8/15/06	02438201 \$1,198,951

Investigators/Collaborators:

France,Robert	Primary PI	Computer Science
Alexander,Roger T	Co-PI	Computer Science
Bieman,James M	Co-PI	Computer Science
Turk,Daniel E	Co-PI	Computer Information Systems

Management

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Psychology	NSF - National Science Foundation	Ownership of Small Technology Businesses: Comparisons of Female & Male Majority & Minority Routes to Ownership	7/31/02 - 8/31/05	02375901 \$873,299

Investigators/Collaborators:

James,Keith	Primary PI	Psychology
Sarason,Yolanda	Co-PI	Management

Marketing

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Marketing	University of Colorado	Preventing Tobacco Use in Rural Towns: Community-Based Media	7/1/02 - 6/30/05	02392201 \$732,473

Investigators/Collaborators:

Kelly,Kathleen J	Primary PI	Marketing
Edwards,Ruth W	Co-PI	Psychology

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Engineering

Atmospheric Science

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Atmospheric Science	NSF - National Science Foundation	The MJO in Nature & in GCMs: An Analysis of Factors Relevant to Its Initiation, Maintenance, & Suppression	10/1/01 - 9/30/04	02323301 \$518,287
<i>Investigators/Collaborators:</i>				
Randall,David A	Primary PI	Atmospheric Science		
Demott,Charlotte A	Co-PI	Atmospheric Science		
Atmospheric Science	NASA - Natl Aeronautics & Space Admin.	Comparison of Cloud Resolving Model Simulations to Remote Sensing Data	12/1/01 - 11/30/03	02370701 \$171,887
<i>Investigators/Collaborators:</i>				
Randall,David A	Primary PI	Atmospheric Science		
Eitzen,Zachary A	Collaborator	Atmospheric Science		
Atmospheric Science	NSF - National Science Foundation	Developing a Slippery Sack Ocean Model	6/30/02 - 5/31/05	02413801 \$490,010
<i>Investigators/Collaborators:</i>				
Randall,David A	Primary PI	Atmospheric Science		
Haertel,Patrick T	Co-PI	Atmospheric Science		
Atmospheric Science	NSF - National Science Foundation	Pattern Theoretical Techniques for the Analysis of Hurricane Intensity	8/15/02 - 8/14/05	02422901 \$964,423
<i>Investigators/Collaborators:</i>				
Montgomery,Michael T	Primary PI	Atmospheric Science		
Kirby,Michael J	Co-PI	Mathematics		
Atmospheric Science	NSF - National Science Foundation	CoCoRaHS-Science Education through Participation in Community-based Research	1/1/03 - 12/31/05	02426501 \$898,834
<i>Investigators/Collaborators:</i>				
Cifelli,Robert C	Primary PI	Atmospheric Science		
Doesken,Nolan J	Co-PI	Atmospheric Science		
Rutledge,Steven A	Co-PI	Atmospheric Science		

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Engineering

Atmospheric Science

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Atmospheric Science	NSF - National Science Foundation	The MJO in Nature & in General Circulation Models: An Analysis of Factors Relevant to Its Initiation, Maintenance, & . .	9/1/02 - 10/31/05	02435301 \$573,887
<i>Investigators/Collaborators:</i>				
Randall,David A	Primary PI	Atmospheric Science		
Demott,Charlotte A	Co-PI	Atmospheric Science		
Khairoutdinov,Marat F	Co-PI	Atmospheric Science		
Atmospheric Science	DOE - US Department of Energy	Implementation, Testing & Retrieval of Cloud Microphysics & Radiative Properties Using the Adjoint of a PDF-based..	11/1/02 - 10/31/05	02443501 \$530,515
<i>Investigators/Collaborators:</i>				
Cotton,William R	Primary PI	Atmospheric Science		
Vukicevic,Tomislava	Co-PI	CIRA		
Civil Engineering	NSF - National Science Foundation	Characterizing the Variability of Hourly Precipitation Based on Stochastic Dynamical Concepts	1/1/03 - 12/31/06	02465601 \$686,283
<i>Investigators/Collaborators:</i>				
Salas,Jose D	Primary PI	Civil Engineering		
Pielke,Roger A	Co-PI	Atmospheric Science		
Elec. & Computer Engineering	NSF - National Science Foundation	Development of a High Performance Offset Gregorian Antenna for the CSU-CHILL National Radar	7/1/02 - 6/30/04	02404401 \$1,406,010
<i>Investigators/Collaborators:</i>				
Bringi,Viswanathan N	Primary PI	Elec. & Computer Engineering		
Rutledge,Steven A	Co-PI	Atmospheric Science		
Venkatachalam,Chandras	Co-PI	Elec. & Computer Engineering		
Natural Resource Ecology Lab	NSF - National Science Foundation	The Role of Africa in Terrestrial & Atmospheric Carbon Dioxide	9/1/02 - 8/31/05	02426301 \$1,187,488
<i>Investigators/Collaborators:</i>				
Hanan,Niall P	Primary PI	Natural Resource Ecology Lab		
Denning,A Scott	Co-PI	Atmospheric Science		

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Engineering

Atmospheric Science

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Natural Resource Ecology Lab	DOC-NOAA-Natl Oceanic & Atmospheric Admn	The Role of Africa in Terrestrial & Atmospheric CO2	9/1/02 - 8/31/05	02443101 \$1,187,488

Investigators/Collaborators:

Hanan,Niall P	Primary PI	Natural Resource Ecology Lab
Denning,A Scott	Co-PI	Atmospheric Science

Chemical & Biores Engineering

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Chemical & Biores Engineering	USDA - US Department of Agriculture	Determining the Fate & Metabolism of Agricultural Antibiotics & the Potential for Managed Vegetative Disposal of . . .	9/1/02 - 8/31/05	02381101 \$234,500

Investigators/Collaborators:

Bhadra,Rajiv	Primary PI	Chemical & Biores Engineering
Ramsdell,Howard S	Collaborator	Environmental Health

Chemical & Biores Engineering	NSF - National Science Foundation	A Nano-Waveguide System for Detection of Multianalytes through Binding to Nanoarrays	5/1/02 - 4/30/06	02391601 \$1,965,399
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Investigators/Collaborators:

Dandy,David S	Primary PI	Chemical & Biores Engineering
Grainger,David W	Co-PI	Chemistry
Lear,Kevin	Co-PI	Elec. & Computer Engineering
Reardon,Kenneth F	Co-PI	Chemical & Biores Engineering
Van Orden,Alan K	Co-PI	Chemistry
Wilmsen,Carl W	Collaborator	Elec. & Computer Engineering

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Engineering

Chemical & Biores Engineering

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Chemical & Biores Engineering	NSF - National Science Foundation	Acquisition of Equipment for Multi-Disciplinary Research in Bio/Environmental Engineering	8/1/02 - 7/31/03	02408301 \$177,906
<i>Investigators/Collaborators:</i>				
Wickramasinghe,Ranil	Primary PI	Chemical & Biores Engineering		
Bhadra,Rajiv	Co-PI	Chemical & Biores Engineering		
Carlson,Jonathan O	Collaborator	Microbiology		
Carlson,Kenneth H	Collaborator	Civil Engineering		
Grainger,David W	Collaborator	Chemistry		
James,Susan P	Collaborator	Mechanical Engineering		
Linden,James C	Collaborator	Microbiology		
Pilon,Marinus	Collaborator	Biology		
Pluhar,G. Elizabeth	Collaborator	Clinical Sciences		
Ramsdell,Howard S	Collaborator	Environmental Health		
Wheeler,Donna	Collaborator	Mechanical Engineering		
Chemical & Biores Engineering	NSF - National Science Foundation	Metabolic & Genetic Control of Gene Expression on the Genomic & Proteomic Level for Metabolically Engineered Zymomonas..	8/15/02 - 8/14/05	02433501 \$999,235
<i>Investigators/Collaborators:</i>				
Karim,M Nazmul	Primary PI	Chemical & Biores Engineering		
Hanneman,William H	Co-PI	Environmental Health		
Reardon,Kenneth F	Co-PI	Chemical & Biores Engineering		
Chemical & Biores Engineering	HHS-NIH-Center for Scientific Review	Multianalyte Physiological Optical Waveguide Sensing	10/1/02 - 9/30/06	02448201 \$2,352,065
<i>Investigators/Collaborators:</i>				
Dandy,David S	Primary PI	Chemical & Biores Engineering		
Grainger,David W	Co-PI	Chemistry		
Lear,Kevin	Co-PI	Elec. & Computer Engineering		
Reardon,Kenneth F	Co-PI	Chemical & Biores Engineering		
Van Orden,Alan K	Co-PI	Chemistry		
Wilmsen,Carl W	Collaborator	Elec. & Computer Engineering		

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Chemical & Biores Engineering

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Chemistry	NSF - National Science Foundation	Purchase of Magnetochemical Materials Analysis Instrumentation	1/1/02 - 12/31/02	02324001 \$429,998
<i>Investigators/Collaborators:</i>				
Elliott,C Michael	Primary PI	Chemistry		
Belfiore,Laurence A	Co-PI	Chemical & Biores Engineering		
Dorhout,Peter K	Co-PI	Chemistry		
Meersmann,Thomas	Co-PI	Chemistry		
Rithner,Christopher D	Co-PI	Chemistry		
Chemistry	NSF - National Science Foundation	CRC: Towards the Rational Design & Control of Plasma Generated Materials for Biocompatible Coatings	7/1/02 - 6/30/05	02390801 \$1,161,781
<i>Investigators/Collaborators:</i>				
Fisher,Ellen R	Primary PI	Chemistry		
Dandy,David S	Co-PI	Chemical & Biores Engineering		
Grainger,David W	Co-PI	Chemistry		
Microbiology	USDA - US Department of Agriculture	Phytase for Animal Feed Supplementation	10/1/02 - 9/30/05	02391301 \$487,776
<i>Investigators/Collaborators:</i>				
Linden,James C	Primary PI	Microbiology		
Henk,Linda L	Co-PI	Chemical & Biores Engineering		
Tengerdy, Robert	Co-PI	Microbiology		
Microbiology	HHS-NIH-NIAID-Allergy & Infect Diseases	Densoviruses for Control of Mosquito-borne Disease	1/1/03 - 12/31/08	02473601 \$2,745,370
<i>Investigators/Collaborators:</i>				
Carlson,Jonathan O	Primary PI	Micro, Imuno & Path		
Beaty,Barry J	Co-PI	Micro, Imuno & Path		
Afanasiev,Boris N	Collaborator	Micro, Imuno & Path		
Black,William C Iv	Collaborator	Micro, Imuno & Path		
Suchman,Erica L	Collaborator	Micro, Imuno & Path		
Wickramasinghe,Ranil	Collaborator	Chemical & Biores Engineering		

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Engineering

CIRA

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Atmospheric Science	DOE - US Department of Energy	Implementation, Testing & Retrieval of Cloud Microphysics & Radiative Properties Using the Adjoint of a PDF-based..	11/1/02 - 10/31/05	02443501 \$530,515
<i>Investigators/Collaborators:</i>				
Cotton,William R	Primary PI	Atmospheric Science		
Vukicevic,Tomislava	Co-PI	CIRA		
Natural Resource Ecology Lab	NSF - National Science Foundation	Computer Science & Analytical Advancements for Earth System Analysis	6/1/02 - 5/31/06	02380001 \$4,989,892
<i>Investigators/Collaborators:</i>				
Ojima,Dennis	Primary PI	Natural Resource Ecology Lab		
Bieman,James M	Co-PI	Computer Science		
Mckeown,Rebecca	Co-PI	Natural Resource Ecology Lab		
Vukicevic,Tomislava	Co-PI	CIRA		

Civil Engineering

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Biology	EPA - Environmental Protection Agency	A National Framework for Ecohydrologic Regime Classification	10/1/02 - 9/30/05	02407601 \$595,485
<i>Investigators/Collaborators:</i>				
Poff,N. Leroy	Primary PI	Biology		
Bledsoe,Brian	Co-PI	Civil Engineering		
Hoeting,Jennifer A	Co-PI	Statistics		
Ramirez,Jorge A	Co-PI	Civil Engineering		

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Civil Engineering

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Chemical & Biores Engineering	NSF - National Science Foundation	Acquisition of Equipment for Multi-Disciplinary Research in Bio/Environmental Engineering	8/1/02 - 7/31/03	02408301 \$177,906
<i>Investigators/Collaborators:</i>				
Wickramasinghe,Ranil	Primary PI	Chemical & Biores Engineering		
Bhadra,Rajiv	Co-PI	Chemical & Biores Engineering		
Carlson,Jonathan O	Collaborator	Microbiology		
Carlson,Kenneth H	Collaborator	Civil Engineering		
Grainger,David W	Collaborator	Chemistry		
James,Susan P	Collaborator	Mechanical Engineering		
Linden,James C	Collaborator	Microbiology		
Pilon,Marinus	Collaborator	Biology		
Pluhar,G. Elizabeth	Collaborator	Clinical Sciences		
Ramsdell,Howard S	Collaborator	Environmental Health		
Wheeler,Donna	Collaborator	Mechanical Engineering		
Civil Engineering	USDA-CSREES-Coop State Rsrch Edu & Ext	National Needs Graduate Fellowships in Natural Resources	1/1/02 - 12/30/04	02330501 \$207,000
<i>Investigators/Collaborators:</i>				
Loftis,Jim C	Primary PI	Civil Engineering		
Davis,Jessica G	Co-PI	Soil & Crop Sciences		
Civil Engineering	DOE - US Department of Energy	Modeling Regional Climate Impacts on Crops & Water Supply	10/1/01 - 9/30/04	02331701 \$255,346
<i>Investigators/Collaborators:</i>				
Garcia,Luis	Primary PI	Civil Engineering		
Ojima,Dennis	Co-PI	Natural Resource Ecology Lab		
Parton,William J	Collaborator	Natural Resource Ecology Lab		
Civil Engineering	DOD-ARPA-Advanced Research Proj. Agency	The Effective Mechanical Properties of Carbon & Inorganic Nanotube Networks	1/1/02 - 12/31/04	02337001 \$264,029
<i>Investigators/Collaborators:</i>				
Heyliger,Paul R	Primary PI	Civil Engineering		

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Engineering

Civil Engineering

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Civil Engineering	NSF - National Science Foundation	Research Experiences for Undergraduates (REU) Site: Studies in Vibration & Sound	5/28/02 - 5/27/05	02344501 \$299,898
<i>Investigators/Collaborators:</i>				
Heyliger,Paul R	Primary PI	Civil Engineering		
Hartnagel,Bryan	Co-PI	Civil Engineering		
Leisure,Robert G	Collaborator	Physics		
Radford,Donald W	Collaborator	Mechanical Engineering		
Civil Engineering	NSF - National Science Foundation	Condition & Security Indicators for Interdependent Infrastructure Systems	1/1/02 - 12/31/05	02358301 \$293,315
<i>Investigators/Collaborators:</i>				
Grigg,Neil S	Primary PI	Civil Engineering		
Vlachos,Evan C	Co-PI	Sociology		
Civil Engineering	USDA - US Department of Agriculture	Management of River Ecosystems for Diverse Water Users	1/1/02 - 12/31/04	02380501 \$426,294
<i>Investigators/Collaborators:</i>				
Oad,Ramchand	Primary PI	Civil Engineering		
Julien,Pierre Y	Co-PI	Civil Engineering		
Myrick,Christopher A	Co-PI	Fish & Wildlife Biology		
Civil Engineering	NSF - National Science Foundation	Modeling Nanotubular Deformation Properties: Molecules to Materials across the Periodic Table	7/1/02 - 6/30/05	02392701 \$960,119
<i>Investigators/Collaborators:</i>				
Heyliger,Paul R	Primary PI	Civil Engineering		
Leisure,Robert G	Co-PI	Physics		
Parkinson,Bruce Alan	Co-PI	Chemistry		
Rappe,Anthony K	Co-PI	Chemistry		

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Engineering

Civil Engineering

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Civil Engineering	NSF - National Science Foundation	Improving Retention & Education Effectiveness with an Innovative Civil Engineering Core Curriculum	9/4/02 - 8/31/05	02398901 \$422,749
<i>Investigators/Collaborators:</i>				
Woods,Sandra L	Primary PI	Civil Engineering		
Criswell,Marvin E	Co-PI	Civil Engineering		
Grigg,Neil S	Co-PI	Civil Engineering		
Saito,Laurel	Co-PI	Civil Engineering		
Timpson,William M	Co-PI	School Of Education		
Civil Engineering	NSF - National Science Foundation	Time Perspective in Engineering Education & Practice	7/1/02 - 6/30/04	02408501 \$193,785
<i>Investigators/Collaborators:</i>				
Siller,Thomas J	Primary PI	Civil Engineering		
Troxell,Wade O	Co-PI	Mechanical Engineering		
Johnson,Gearold R	Collaborator	Mechanical Engineering		
Civil Engineering	Colorado State Water Conservation Board	Assisting Agricultural Water Suppliers in Implementing Geographical Information Systems (GIS)	7/1/02 - 6/30/04	02416901 \$602,770
<i>Investigators/Collaborators:</i>				
Wilkins-Wells,John Rees	Primary PI	Sociology		
Podmore,Terence H	Co-PI	Civil Engineering		
Civil Engineering	USDA - US Department of Agriculture	Protecting Ground Water Using a Web-Based Management Geographic Information Systems Management Tool	9/1/02 - 8/31/05	02431301 \$431,209
<i>Investigators/Collaborators:</i>				
Garcia,Luis	Primary PI	Civil Engineering		
Bauder,Troy A	Co-PI	Soil & Crop Sciences		
Cipra,Jan E	Co-PI	Soil & Crop Sciences		
Waskom,Reagan M	Co-PI	Soil & Crop Sciences		

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Engineering

Civil Engineering

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Civil Engineering	NSF - National Science Foundation	Center for Technology in Engineering Education	1/1/03 - 1/1/08	02440301 \$9,951,093
<i>Investigators/Collaborators:</i>				
Siller,Thomas J	Primary PI	Civil Engineering		
Johnson,Gearold R	Co-PI	Mechanical Engineering		
Troxell,Wade O	Co-PI	Mechanical Engineering		
Civil Engineering	DOI-USGS-Geological Survey	Largest Historical Earthquake in Colorado, November 7, 1992, Moment of Magnitude=6.6, Search for Historical ...	11/1/02 - 9/30/03	02453201 \$66,124
<i>Investigators/Collaborators:</i>				
Charlie,Wayne A	Primary PI	Civil Engineering		
Fiege,Mark T	Co-PI	History		
Civil Engineering	American Water Works Assc. Research Fd.	Utilizing Routine Water Quality Instruments & Artificial Neural Networks for Monitoring Distribution System Security	9/15/02 - 9/15/04	02456201 \$149,976
<i>Investigators/Collaborators:</i>				
Carlson,Kenneth H	Primary PI	Civil Engineering		
Civil Engineering	NSF - National Science Foundation	Characterizing the Variability of Hourly Precipitation Based on Stochastic Dynamical Concepts	1/1/03 - 12/31/06	02465601 \$686,283
<i>Investigators/Collaborators:</i>				
Salas,Jose D	Primary PI	Civil Engineering		
Pielke,Roger A	Co-PI	Atmospheric Science		
Earth Resources	NSF - National Science Foundation	A Simulation Model Using Local Controls for Self-adjusting Mountain-River Pools	6/1/02 - 7/1/04	02386501 \$146,895
<i>Investigators/Collaborators:</i>				
Wohl,Ellen E	Primary PI	Earth Resources		
Ramirez,Jorge A	Co-PI	Civil Engineering		
Environmental Health	HHS-NIH-National Institutes of Health	ROPS Design & Testing for Pre-Rops Tractors	10/1/02 - 9/30/05	02461701 \$543,750
<i>Investigators/Collaborators:</i>				
Reynolds,Stephen J	Primary PI	Env & Rad Health Sci		
Liu,Juhua	Co-PI	Civil Engineering		

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Engineering

Civil Engineering

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Fish & Wildlife Biology	NSF - National Science Foundation	Rivers, Roads, & People: Complex Interactions of Overlapping Networks in Watersheds	7/1/02 - 6/30/07	02404301 \$1,859,955
<i>Investigators/Collaborators:</i>				
Covich, Alan P	Primary PI	Fish & Wildlife Biology		
Laituri, Melinda J	Co-PI	Earth Resources		
Loomis, John B	Co-PI	Agric & Resource Economics		
Ramirez, Jorge A	Co-PI	Civil Engineering		
Wohl, Ellen E	Co-PI	Earth Resources		

Dean Of Engineering

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Dean Of Engineering	NSF - National Science Foundation	Colorado Math & Science Partnership (CO-MSP)	10/1/02 - 9/30/07	02452201 \$24,078,073
<i>Investigators/Collaborators:</i>				
Elhakim, Omnia	Primary PI	Dean Of Engineering		
Gorell, Thomas A	Co-PI	Hughes Un Bio-Ctr Life Science		
Jones, Brian	Co-PI	Physics		
School Of Education	NSF - Engineering Grant	A Planning Grant to Develop a Proposal Submitted to the National Science Foundation (NSF) Bridges for Engineering Ed.	1/1/03 - 12/31/03	02464001 \$99,882
<i>Investigators/Collaborators:</i>				
Lewis, Chance W	Primary PI	School Of Education		
Phillips, Benita F	Co-PI	Dean Of Engineering		

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Engineering

Elec. & Computer Engineering

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Chemical & Biores Engineering	NSF - National Science Foundation	A Nano-Waveguide System for Detection of Multianalytes through Binding to Nanoarrays	5/1/02 - 4/30/06	02391601 \$1,965,399
<i>Investigators/Collaborators:</i>				
Dandy,David S	Primary PI	Chemical & Biores Engineering		
Grainger,David W	Co-PI	Chemistry		
Lear,Kevin	Co-PI	Elec. & Computer Engineering		
Reardon,Kenneth F	Co-PI	Chemical & Biores Engineering		
Van Orden,Alan K	Co-PI	Chemistry		
Wilmsen,Carl W	Collaborator	Elec. & Computer Engineering		
Chemical & Biores Engineering	HHS-NIH-Center for Scientific Review	Multianalyte Physiological Optical Waveguide Sensing	10/1/02 - 9/30/06	02448201 \$2,352,065
<i>Investigators/Collaborators:</i>				
Dandy,David S	Primary PI	Chemical & Biores Engineering		
Grainger,David W	Co-PI	Chemistry		
Lear,Kevin	Co-PI	Elec. & Computer Engineering		
Reardon,Kenneth F	Co-PI	Chemical & Biores Engineering		
Van Orden,Alan K	Co-PI	Chemistry		
Wilmsen,Carl W	Collaborator	Elec. & Computer Engineering		
Computer Information Systems	DOD-ARPA-Advanced Research Proj. Agency	Multi-Modal Support for Augmented Cognition	10/1/01 - 12/31/02	02352601 \$442,067
<i>Investigators/Collaborators:</i>				
Smith,Charles A.P	Primary PI	Computer Information Systems		
Clegg,Benjamin A	Co-PI	Psychology		
Young,Peter	Co-PI	Elec. & Computer Engineering		
Elec. & Computer Engineering	NSF - National Science Foundation	Clustering & Binning of Submicron IC's Using Analog Attributes	4/1/02 - 3/31/05	02375801 \$361,473
<i>Investigators/Collaborators:</i>				
Jayasumana,M A Anura	Primary PI	Elec. & Computer Engineering		
Malaiya,Yashwant K	Co-PI	Computer Science		

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Engineering

Elec. & Computer Engineering

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Elec. & Computer Engineering	CCHE-Commission on Higher Education	Development of Acoustic Filters for Management of Binaural Asynchronies in Children & Adults	1/1/02 - 1/1/03	02378401 \$59,757
<i>Investigators/Collaborators:</i>				
Burleigh,Joan M	Primary PI	Elec. & Computer Engineering		
James,Susan P	Co-PI	Mechanical Engineering		
Elec. & Computer Engineering	NSF - National Science Foundation	Epitaxial Growth & Optoelectronic Properties of Higher Manganese Silicide Thin Films	5/1/02 - 4/30/05	02382601 \$621,224
<i>Investigators/Collaborators:</i>				
Mahan,John E	Primary PI	Elec. & Computer Engineering		
Parkinson,Bruce Alan	Co-PI	Chemistry		
Elec. & Computer Engineering	NSF - National Science Foundation	Development of a High Performance Offset Gregorian Antenna for the CSU-CHILL National Radar	7/1/02 - 6/30/04	02404401 \$1,406,010
<i>Investigators/Collaborators:</i>				
Bringi,Viswanathan N	Primary PI	Elec. & Computer Engineering		
Rutledge,Steven A	Co-PI	Atmospheric Science		
Venkatachalam,Chandras	Co-PI	Elec. & Computer Engineering		
Elec. & Computer Engineering	CCHE-Commission on Higher Education	Extreme Ultraviolet Center of Excellence	6/1/02 - 6/1/07	02419101 \$1,502,638
<i>Investigators/Collaborators:</i>				
Rocca,Jorge J G	Primary PI	Elec. & Computer Engineering		
Bernstein,Elliot R	Co-PI	Chemistry		
Menoni,Carmen S	Co-PI	Elec. & Computer Engineering		
Mechanical Engineering	NSF - National Science Foundation	Robust Recurrent Reinforcement Learning (R3L) Control for Building Energy Systems	5/1/02 - 4/30/05	02357401 \$852,206
<i>Investigators/Collaborators:</i>				
Hittle,Douglas C	Primary PI	Mechanical Engineering		
Anderson,Charles	Co-PI	Computer Science		
Young,Peter	Co-PI	Elec. & Computer Engineering		

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Engineering

Elec. & Computer Engineering

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Physics	DOE - US Department of Energy	Tuning of Piezoelectric Fields & Their Effect on the Optical & Electrical Properties of Active Emitters Materials to ...	10/1/02 - 9/30/06	02444301 \$716,627
<i>Investigators/Collaborators:</i>				
Hochheimer,Hans D	Primary PI	Physics		
Menoni,Carmen S	Co-PI	Elec. & Computer Engineering		

Mechanical Engineering

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Biology	NSF - National Science Foundation	Instrumentation for Producing in vivo Three-Dimensional Genomic-Scale Databases	1/2/02 - 1/1/05	02355801 \$1,005,703
<i>Investigators/Collaborators:</i>				
Medford,June I	Primary PI	Biology		
Alciatore,David	Co-PI	Mechanical Engineering		
Beveridge,J Ross	Co-PI	Computer Science		
Chemical & Biores Engineering	NSF - National Science Foundation	Acquisition of Equipment for Multi-Disciplinary Research in Bio/Environmental Engineering	8/1/02 - 7/31/03	02408301 \$177,906
<i>Investigators/Collaborators:</i>				
Wickramasinghe,Ranil	Primary PI	Chemical & Biores Engineering		
Bhadra,Rajiv	Co-PI	Chemical & Biores Engineering		
Carlson,Jonathan O	Collaborator	Microbiology		
Carlson,Kenneth H	Collaborator	Civil Engineering		
Grainger,David W	Collaborator	Chemistry		
James,Susan P	Collaborator	Mechanical Engineering		
Linden,James C	Collaborator	Microbiology		
Pilon,Marinus	Collaborator	Biology		
Pluhar,G. Elizabeth	Collaborator	Clinical Sciences		
Ramsdell,Howard S	Collaborator	Environmental Health		
Wheeler,Donna	Collaborator	Mechanical Engineering		

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Engineering

Mechanical Engineering

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Civil Engineering	NSF - National Science Foundation	Research Experiences for Undergraduates (REU) Site: Studies in Vibration & Sound	5/28/02 - 5/27/05	02344501 \$299,898
<i>Investigators/Collaborators:</i>				
Heyliger,Paul R	Primary PI	Civil Engineering		
Hartnagel,Bryan	Co-PI	Civil Engineering		
Leisure,Robert G	Collaborator	Physics		
Radford,Donald W	Collaborator	Mechanical Engineering		
Civil Engineering	NSF - National Science Foundation	Time Perspective in Engineering Education & Practice	7/1/02 - 6/30/04	02408501 \$193,785
<i>Investigators/Collaborators:</i>				
Siller,Thomas J	Primary PI	Civil Engineering		
Troxell,Wade O	Co-PI	Mechanical Engineering		
Johnson,Gearold R	Collaborator	Mechanical Engineering		
Civil Engineering	NSF - National Science Foundation	Center for Technology in Engineering Education	1/1/03 - 1/1/08	02440301 \$9,951,093
<i>Investigators/Collaborators:</i>				
Siller,Thomas J	Primary PI	Civil Engineering		
Johnson,Gearold R	Co-PI	Mechanical Engineering		
Troxell,Wade O	Co-PI	Mechanical Engineering		
Clinical Sciences	HHS-NIH-National Institutes of Health	Effects of Dietary Cation-Anion Difference on Bone	1/1/03 - 1/1/07	02466301 \$3,480,981
<i>Investigators/Collaborators:</i>				
Macleay,Jennifer M	Primary PI	Clinical Sciences		
Wheeler,Donna	Co-PI	Mechanical Engineering		
Billinghurst,R.Clark	Collaborator	Clinical Sciences		
Turner,Anthony Simon	Collaborator	Clinical Sciences		

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Engineering

Mechanical Engineering

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Elec. & Computer Engineering	CCHE-Commission on Higher Education	Development of Acoustic Filters for Management of Binaural Asynchronies in Children & Adults	1/1/02 - 1/1/03	02378401 \$59,757
<i>Investigators/Collaborators:</i>				
Burleigh,Joan M	Primary PI	Elec. & Computer Engineering		
James,Susan P	Co-PI	Mechanical Engineering		
International Programs	DOS - US Department of State	Development of Multimedia Instructional Capabilities in Benin: Application to Casting/Foundry Training	11/1/02 - 3/31/04	02471501 \$149,659
<i>Investigators/Collaborators:</i>				
Bookin-Weiner,Jerome B	Primary PI	International Programs		
Willson,Bryan D	Co-PI	Mechanical Engineering		
Denney,Martha Annette	Collaborator	International Programs		
Hirchi,Mohammed	Collaborator	Foreign Languages & Literature		
Kling,Robert W	Collaborator	Economics		
Schaeffer,Steven Lewis	Collaborator	Mechanical Engineering		
Vogl,Mary B	Collaborator	Foreign Languages & Literature		
Mechanical Engineering	Stryker Biotech	Delivery of osteogenic protein-1 (OP-1) in Enhanced Cement: An Ovine Tibial Ostectomy Study	9/1/01 - 8/30/02	02350001 \$135,555
<i>Investigators/Collaborators:</i>				
Wheeler,Donna	Primary PI	Mechanical Engineering		
Pluhar,G. Elizabeth	Collaborator	Clinical Sciences		
Turner,Anthony Simon	Collaborator	Clinical Sciences		
Mechanical Engineering	NSF - National Science Foundation	Robust Recurrent Reinforcement Learning (R3L) Control for Building Energy Systems	5/1/02 - 4/30/05	02357401 \$852,206
<i>Investigators/Collaborators:</i>				
Hittle,Douglas C	Primary PI	Mechanical Engineering		
Anderson,Charles	Co-PI	Computer Science		
Young,Peter	Co-PI	Elec. & Computer Engineering		

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Engineering

Mechanical Engineering

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Mechanical Engineering	NASA - Natl Aeronautics & Space Admin.	Bio-Engineering, Science & Technology (BEST) Institute	4/28/02 - 4/27/07	02366101 \$14,999,998
<i>Investigators/Collaborators:</i>				
James,Susan P	Primary PI	Mechanical Engineering		
Bateman,Ted A	Co-PI	Mechanical Engineering		
Mechanical Engineering	NASA - Natl Aeronautics & Space Admin.	Examination of Anti-Resorptive & Anabolic Treatments on Spaceflight Induced Osteoporosis	10/1/02 - 9/30/06	02408101 \$672,685
<i>Investigators/Collaborators:</i>				
Bateman,Ted A	Primary PI	Mechanical Engineering		
Norrdin,Robert W	Collaborator	Pathology		
Sinske,Steve	Collaborator	Mechanical Engineering		
Mechanical Engineering	University of Florida	Biomimetic Bone	1/1/03 - 12/31/07	02411501 \$1,248,474
<i>Investigators/Collaborators:</i>				
Wheeler,Donna	Primary PI	Mechanical Engineering		
Pluhar,G. Elizabeth	Co-PI	Clinical Sciences		
Mechanical Engineering	Stryker Biotech	Osteogenic Protein-1 (OP-1) in Instrumented & Noninstrumented Lumbar Fusion in Sheep	4/1/02 - 4/1/03	02428701 \$254,762
<i>Investigators/Collaborators:</i>				
Wheeler,Donna	Primary PI	Mechanical Engineering		
Turner,Anthony Simon	Collaborator	Clinical Sciences		

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Liberal Arts

Anthropology

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Social Work	DOJ-OJP-OVC-Office of Victims of Crime	Examining Prosecution in Child Sexual Abuse in Indian Country: A Case Study	1/1/02 - 9/30/02	02368101 \$74,971
<i>Investigators/Collaborators:</i>				
Bubar,Roe	Primary PI	Social Work		
Vernon,Irene	Co-PI	English		
Schatz,Mona Struhsaker	Collaborator	Social Work		
Shears,Jeffrey	Collaborator	Ctr Applied Stu Amer Ethnicity		
Valdez,Norberto	Collaborator	Anthropology		

Ctr Applied Stu Amer Ethnicity

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Social Work	DOJ-OJP-OVC-Office of Victims of Crime	Examining Prosecution in Child Sexual Abuse in Indian Country: A Case Study	1/1/02 - 9/30/02	02368101 \$74,971
<i>Investigators/Collaborators:</i>				
Bubar,Roe	Primary PI	Social Work		
Vernon,Irene	Co-PI	English		
Schatz,Mona Struhsaker	Collaborator	Social Work		
Shears,Jeffrey	Collaborator	Ctr Applied Stu Amer Ethnicity		
Valdez,Norberto	Collaborator	Anthropology		

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Liberal Arts

Economics

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
International Programs	DOS - US Department of State	Development of Multimedia Instructional Capabilities in Benin: Application to Casting/Foundry Training	11/1/02 - 3/31/04	02471501 \$149,659
<i>Investigators/Collaborators:</i>				
Bookin-Weiner,Jerome B	Primary PI	International Programs		
Willson,Bryan D	Co-PI	Mechanical Engineering		
Denney,Martha Annette	Collaborator	International Programs		
Hirchi,Mohammed	Collaborator	Foreign Languages & Literature		
Kling,Robert W	Collaborator	Economics		
Schaeffer,Steven Lewis	Collaborator	Mechanical Engineering		
Vogl,Mary B	Collaborator	Foreign Languages & Literature		

English

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Social Work	DOJ-OJP-OVC-Office of Victims of Crime	Examining Prosecution in Child Sexual Abuse in Indian Country: A Case Study	1/1/02 - 9/30/02	02368101 \$74,971
<i>Investigators/Collaborators:</i>				
Bubar,Roe	Primary PI	Social Work		
Vernon,Irene	Co-PI	English		
Schatz,Mona Struhsaker	Collaborator	Social Work		
Shears,Jeffrey	Collaborator	Ctr Applied Stu Amer Ethnicity		
Valdez,Norberto	Collaborator	Anthropology		

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Liberal Arts

Foreign Languages & Literature

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
International Programs	DOS - US Department of State	Development of Multimedia Instructional Capabilities in Benin: Application to Casting/Foundry Training	11/1/02 - 3/31/04	02471501 \$149,659
<i>Investigators/Collaborators:</i>				
Bookin-Weiner,Jerome B	Primary PI	International Programs		
Willson,Bryan D	Co-PI	Mechanical Engineering		
Denney,Martha Annette	Collaborator	International Programs		
Hirchi,Mohammed	Collaborator	Foreign Languages & Literature		
Kling,Robert W	Collaborator	Economics		
Schaeffer,Steven Lewis	Collaborator	Mechanical Engineering		
Vogl,Mary B	Collaborator	Foreign Languages & Literature		

History

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Civil Engineering	DOI-USGS-Geological Survey	Largest Historical Earthquake in Colorado, November 7, 1992, Moment of Magnitude=6.6, Search for Historical ...	11/1/02 - 9/30/03	02453201 \$66,124
<i>Investigators/Collaborators:</i>				
Charlie,Wayne A	Primary PI	Civil Engineering		
Fiege,Mark T	Co-PI	History		

Journalism & Technical Comm

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Journalism & Technical Comm	HHS-NIH-National Institutes of Health	Website Prevention of College Binge Drinking	1/9/02 - 8/30/07	02411701 \$1,330,373
<i>Investigators/Collaborators:</i>				
Zimmerman,Donald E	Primary PI	Journalism & Technical Comm		
Slater,Michael D	Co-PI	Journalism & Technical Comm		
Mccracken,Amanda L	Collaborator	Food Services		

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Liberal Arts

Music, Theatre & Dance

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Music, Theatre & Dance	HHS-NIH-National Institutes of Health	Brain Oscillations During Verbal Working Memory	12/1/02 - 11/30/04	02411301 \$145,000
<i>Investigators/Collaborators:</i>				
Thaut,Michael H	Primary PI	Music, Theatre & Dance		
Anderson,Charles	Collaborator	Computer Science		
Delosh,Edward L	Collaborator	Psychology		
Music, Theatre & Dance	HHS-NIH-National Institutes of Health	Data Mining the Neural Dynamics of Cognition	4/1/03 - 3/31/05	02467201 \$290,000
<i>Investigators/Collaborators:</i>				
Thaut,Michael H	Primary PI	Music, Theatre & Dance		
Anderson,Charles	Collaborator	Computer Science		
Delosh,Edward L	Collaborator	Psychology		
Whitley,L Darrell	Collaborator	Computer Science		

Philosophy

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Bioagricultur Sci & Pest Mgmt	USDA-CSREES-Coop State Rsrch Edu & Ext	Case Studies in Agricultural Ethics	9/1/02 - 12/31/03	02416601 \$26,583
<i>Investigators/Collaborators:</i>				
Zimdahl,Robert L	Primary PI	Bioagricultur Sci & Pest Mgmt		
Speer,R Lee	Co-PI	Philosophy		
Bioagricultur Sci & Pest Mgmt	Colorado Endowment for the Humanities	Visions of Agriculture	9/1/02 - 11/1/02	02432201 \$4,940
<i>Investigators/Collaborators:</i>				
Zimdahl,Robert L	Primary PI	Bioagricultur Sci & Pest Mgmt		
Day,Richard	Collaborator	Cooperative Extension		
Williams,Ronald G	Collaborator	Philosophy		

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Liberal Arts

Sociology

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Civil Engineering	NSF - National Science Foundation	Condition & Security Indicators for Interdependent Infrastructure Systems	1/1/02 - 12/31/05	02358301 \$293,315
<i>Investigators/Collaborators:</i>				
Grigg,Neil S	Primary PI	Civil Engineering		
Vlachos,Evan C	Co-PI	Sociology		
Civil Engineering	Colorado State Water Conservation Board	Assisting Agricultural Water Suppliers in Implementing Geographical Information Systems (GIS)	7/1/02 - 6/30/04	02416901 \$602,770
<i>Investigators/Collaborators:</i>				
Wilkins-Wells,John Rees	Primary PI	Sociology		
Podmore,Terence H	Co-PI	Civil Engineering		

Natural Resources

CEMML

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
CEMML	NSF - National Science Foundation	Role of Aeolian Inoculation in Colonization of Arid Soils by Algae/Cyanobacteria	8/1/02 - 9/30/05	02400801 \$422,049
<i>Investigators/Collaborators:</i>				
Warren,Steven D	Primary PI	CEMML		
Kugrens,Paul	Co-PI	Biology		

Earth Resources

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Earth Resources	NSF - National Science Foundation	A Simulation Model Using Local Controls for Self-adjusting Mountain-River Pools	6/1/02 - 7/1/04	02386501 \$146,895
<i>Investigators/Collaborators:</i>				
Wohl,Ellen E	Primary PI	Earth Resources		
Ramirez,Jorge A	Co-PI	Civil Engineering		

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Earth Resources

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Fish & Wildlife Biology	NSF - National Science Foundation	Rivers, Roads, & People: Complex Interactions of Overlapping Networks in Watersheds	7/1/02 - 6/30/07	02404301 \$1,859,955
<i>Investigators/Collaborators:</i>				
Covich, Alan P	Primary PI	Fish & Wildlife Biology		
Laituri, Melinda J	Co-PI	Earth Resources		
Loomis, John B	Co-PI	Agric & Resource Economics		
Ramirez, Jorge A	Co-PI	Civil Engineering		
Wohl, Ellen E	Co-PI	Earth Resources		

Fish & Wildlife Biology

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Civil Engineering	USDA - US Department of Agriculture	Management of River Ecosystems for Diverse Water Users	1/1/02 - 12/31/04	02380501 \$426,294
<i>Investigators/Collaborators:</i>				
Oad, Ramchand	Primary PI	Civil Engineering		
Julien, Pierre Y	Co-PI	Civil Engineering		
Myrick, Christopher A	Co-PI	Fish & Wildlife Biology		
Fish & Wildlife Biology	DOI-BLM-Bureau of Land Management	Sagebrush Mapping Project	9/1/01 - 2/28/02	02344401 \$20,868
<i>Investigators/Collaborators:</i>				
Black, Anne E	Primary PI	Fish & Wildlife Biology		
Fish & Wildlife Biology	NSF - National Science Foundation	Rivers, Roads, & People: Complex Interactions of Overlapping Networks in Watersheds	7/1/02 - 6/30/07	02404301 \$1,859,955
<i>Investigators/Collaborators:</i>				
Covich, Alan P	Primary PI	Fish & Wildlife Biology		
Laituri, Melinda J	Co-PI	Earth Resources		
Loomis, John B	Co-PI	Agric & Resource Economics		
Ramirez, Jorge A	Co-PI	Civil Engineering		
Wohl, Ellen E	Co-PI	Earth Resources		

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Natural Resources

Fish & Wildlife Biology

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Fish & Wildlife Biology	DOI-NPS-National Park Service	Characterization & Assessment of National Park Historic Landscape Patterns	9/1/02 - 9/30/03	02410101 \$39,999
<i>Investigators/Collaborators:</i>				
Stevens, Joseph E	Primary PI	Fish & Wildlife Biology		
Bell, Jodie B	Co-PI	Fish & Wildlife Biology		
Redente, Edward F	Collaborator	Rangeland Ecosystem Science		
Natural Resource Ecology Lab	EPA - Environmental Protection Agency	Vulnerability of South Platte River Basin Aquatic Ecosystems & Water Quality to Severe Sustained Drought	4/1/02 - 3/31/04	02369001 \$69,984
<i>Investigators/Collaborators:</i>				
Baron, Jill	Primary PI	Natural Resource Ecology Lab		
Covich, Alan P	Co-PI	Fish & Wildlife Biology		

Forest Sciences

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Natural Resource Ecology Lab	University of Maryland	Predicting Community Response to Disturbance- Induced Changes in Ecosystem Processes	7/1/02 - 6/30/07	02417001 \$999,941
<i>Investigators/Collaborators:</i>				
Ojima, Dennis	Primary PI	Natural Resource Ecology Lab		
Romme, William H	Co-PI	Forest Sciences		
Soil & Crop Sciences	NSF - National Science Foundation	Long Term Ecological Research: Shortgrass Steppe	11/1/02 - 10/31/08	02408601 \$4,680,000
<i>Investigators/Collaborators:</i>				
Kelly, Eugene F	Primary PI	Soil & Crop Sciences		
Antolin, Michael F	Co-PI	Biology		
Burke, Ingrid C	Co-PI	Forest Sciences		
Lauenroth, William K	Co-PI	Rangeland Ecosystem Science		
Morgan, Jack A	Co-PI	No Department		
Stafford, Susan G	Co-PI	Forest Sciences		

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Natural Resource Ecology Lab

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Civil Engineering	DOE - US Department of Energy	Modeling Regional Climate Impacts on Crops & Water Supply	10/1/01 - 9/30/04	02331701 \$255,346
<i>Investigators/Collaborators:</i>				
Garcia,Luis	Primary PI	Civil Engineering		
Ojima,Dennis	Co-PI	Natural Resource Ecology Lab		
Parton,William J	Collaborator	Natural Resource Ecology Lab		
Horticulture & Landscape Arch	NSF - National Science Foundation	Carbon Sequestration & Greenhouse Gas Emissions in Urban & Suburban Turfgrass Lands	9/1/02 - 8/30/07	02421501 \$914,974
<i>Investigators/Collaborators:</i>				
Qian,Yaling	Primary PI	Horticulture & Landscape Arch		
Parton,William J	Co-PI	Natural Resource Ecology Lab		
Natural Resource Ecology Lab	EPA - Environmental Protection Agency	Vulnerability of South Platte River Basin Aquatic Ecosystems & Water Quality to Severe Sustained Drought	4/1/02 - 3/31/04	02369001 \$69,984
<i>Investigators/Collaborators:</i>				
Baron,Jill	Primary PI	Natural Resource Ecology Lab		
Covich,Alan P	Co-PI	Fish & Wildlife Biology		
Natural Resource Ecology Lab	NSF - National Science Foundation	Computer Science & Analytical Advancements for Earth System Analysis	6/1/02 - 5/31/06	02380001 \$4,989,892
<i>Investigators/Collaborators:</i>				
Ojima,Dennis	Primary PI	Natural Resource Ecology Lab		
Bieman,James M	Co-PI	Computer Science		
Mckeown,Rebecca	Co-PI	Natural Resource Ecology Lab		
Vukicevic,Tomislava	Co-PI	CIRA		
Natural Resource Ecology Lab	NSF - National Science Foundation	The Interplay of Humans & Wildlife on Savanna Landscapes	6/1/02 - 5/31/06	02399301 \$166,172
<i>Investigators/Collaborators:</i>				
Hobbs,N. Thompson	Primary PI	Natural Resource Ecology Lab		
Chapman,Phillip Lee	Co-PI	Statistics		

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Natural Resource Ecology Lab

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Natural Resource Ecology Lab	University of Maryland	Predicting Community Response to Disturbance- Induced Changes in Ecosystem Processes	7/1/02 - 6/30/07	02417001 \$999,941
<i>Investigators/Collaborators:</i>				
Ojima,Dennis	Primary PI	Natural Resource Ecology Lab		
Romme,William H	Co-PI	Forest Sciences		
Natural Resource Ecology Lab	NSF - National Science Foundation	Decoupling of Carbon & Nitrogen Cycling in Disturbed Agroecosystems: Implications for Greenhouse Gas Fluxes	7/1/02 - 6/30/07	02421601 \$1,998,748
<i>Investigators/Collaborators:</i>				
Conant,Richard T	Primary PI	Natural Resource Ecology Lab		
Parton,William J	Co-PI	Natural Resource Ecology Lab		
Paustian,Keith H	Co-PI	Soil & Crop Sciences		
Schutter,Mary E	Co-PI	Soil & Crop Sciences		
Natural Resource Ecology Lab	NSF - National Science Foundation	Carbon Cycling Processes, Patterns, & Responses to Projected Changes in Climate across North American Biomes Using . . .	9/1/02 - 8/31/07	02425901 \$1,519,022
<i>Investigators/Collaborators:</i>				
Welker,Jeffrey M	Primary PI	Natural Resource Ecology Lab		
Conant,Richard T	Co-PI	Natural Resource Ecology Lab		
Fahnestock,Jace T	Co-PI	Natural Resource Ecology Lab		
Kelly,Eugene F	Co-PI	Soil & Crop Sciences		
Natural Resource Ecology Lab	NSF - National Science Foundation	The Role of Africa in Terrestrial & Atmospheric Carbon Dioxide	9/1/02 - 8/31/05	02426301 \$1,187,488
<i>Investigators/Collaborators:</i>				
Hanan,Niall P	Primary PI	Natural Resource Ecology Lab		
Denning,A Scott	Co-PI	Atmospheric Science		
Natural Resource Ecology Lab	DOC-NOAA-Natl Oceanic & Atmospheric Admn	The Role of Africa in Terrestrial & Atmospheric CO2	9/1/02 - 8/31/05	02443101 \$1,187,488
<i>Investigators/Collaborators:</i>				
Hanan,Niall P	Primary PI	Natural Resource Ecology Lab		
Denning,A Scott	Co-PI	Atmospheric Science		

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Natural Resource Ecology Lab

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Natural Resource Ecology Lab	DOC-NOAA-Natl Oceanic & Atmospheric Admn	Data Assimilation & Adaptive Error Control for a Next Generation Biosphere Model	7/1/02 - 6/30/05	02446201 \$447,991

Investigators/Collaborators:

Ojima,Dennis	Primary PI	Natural Resource Ecology Lab
Estep,Donald J	Co-PI	Mathematics

Rangeland Ecosystem Science

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Fish & Wildlife Biology	DOI-NPS-National Park Service	Characterization & Assessment of National Park Historic Landscape Patterns	9/1/02 - 9/30/03	02410101 \$39,999

Investigators/Collaborators:

Stevens,Joseph E	Primary PI	Fish & Wildlife Biology
Bell,Jodie B	Co-PI	Fish & Wildlife Biology
Redente,Edward F	Collaborator	Rangeland Ecosystem Science

Soil & Crop Sciences	NSF - National Science Foundation	Long Term Ecological Research: Shortgrass Steppe	11/1/02 - 10/31/08	02408601 \$4,680,000
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Investigators/Collaborators:

Kelly,Eugene F	Primary PI	Soil & Crop Sciences
Antolin,Michael F	Co-PI	Biology
Burke,Ingrid C	Co-PI	Forest Sciences
Lauenroth,William K	Co-PI	Rangeland Ecosystem Science
Morgan,Jack A	Co-PI	No Department
Stafford,Susan G	Co-PI	Forest Sciences

Soil & Crop Sciences	EPA - Environmental Protection Agency	Above & Belowground Community Responses to Rangeland Biosolids Applications	6/1/02 - 12/31/03	02454501 \$84,852
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Investigators/Collaborators:

Schutter,Mary E	Primary PI	Soil & Crop Sciences
Paschke,Mark W	Co-PI	Rangeland Ecosystem Science
Redente,Edward F	Co-PI	Rangeland Ecosystem Science

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Natural Sciences

Biochemistry & Molecular Bio

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Biochemistry & Molecular Bio	American Heart Association	Mitochondrial Glutaminase: A Novel Target for Stroke Therapy	1/1/02 - 12/31/03	02327701 \$200,000
<i>Investigators/Collaborators:</i>				
Curthoys,Norman P	Primary PI	Biochemistry & Molecular Bio		
Anderson,Oren P	Co-PI	Chemistry		
Biochemistry & Molecular Bio	American Heart Association	Mitochondrial Glutaminase: A Novel Target for Stroke Therapy	7/1/02 - 6/30/05	02405101 \$214,500
<i>Investigators/Collaborators:</i>				
Curthoys,Norman P	Primary PI	Biochemistry & Molecular Bio		
Anderson,Oren P	Co-PI	Chemistry		
Biochemistry & Molecular Bio	American Heart Association	Mitochondrial Glutaminase: A Novel Target for Stroke Therapy	7/1/02 - 6/30/05	02415601 \$110,000
<i>Investigators/Collaborators:</i>				
Curthoys,Norman P	Primary PI	Biochemistry & Molecular Bio		
Anderson,Oren P	Co-PI	Chemistry		

Biology

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Biology	NSF - National Science Foundation	Enhancement & Evaluation of a System for In Vivo Imaging of Gene Expression	12/15/01 - 12/14/03	02328301 \$420,143
<i>Investigators/Collaborators:</i>				
Medford,June I	Primary PI	Biology		
Beveridge,J Ross	Co-PI	Computer Science		
Biology	NSF - National Science Foundation	Instrumentation for Producing in vivo Three-Dimensional Genomic-Scale Databases	1/2/02 - 1/1/05	02355801 \$1,005,703
<i>Investigators/Collaborators:</i>				
Medford,June I	Primary PI	Biology		
Alciatore,David	Co-PI	Mechanical Engineering		
Beveridge,J Ross	Co-PI	Computer Science		

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Natural Sciences

Biology

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Biology	HHS-NIH-Center for Scientific Review	Juvenile Hormone Receptor in Flies & Mosquitoes	4/1/02 - 3/30/06	02362301 \$857,234
<i>Investigators/Collaborators:</i>				
Wilson,Thomas G	Primary PI	Biology		
Biology	EPA - Environmental Protection Agency	A National Framework for Ecohydrologic Regime Classification	10/1/02 - 9/30/05	02407601 \$595,485
<i>Investigators/Collaborators:</i>				
Poff,N. Leroy	Primary PI	Biology		
Bledsoe,Brian	Co-PI	Civil Engineering		
Hoeting,Jennifer A	Co-PI	Statistics		
Ramirez,Jorge A	Co-PI	Civil Engineering		
CEMML	NSF - National Science Foundation	Role of Aeolian Inoculation in Colonization of Arid Soils by Algae/Cyanobacteria	8/1/02 - 9/30/05	02400801 \$422,049
<i>Investigators/Collaborators:</i>				
Warren,Steven D	Primary PI	CEMML		
Kugrens,Paul	Co-PI	Biology		
Chemical & Biores Engineering	NSF - National Science Foundation	Plant Secondary Metabolite Formation Regulated by Ethylene & Methyl Jasmonate	2/2/02 - 2/1/05	02324201 \$398,569
<i>Investigators/Collaborators:</i>				
Linden,James C	Primary PI	Microbiology		
Reddy,Anireddy S N	Co-PI	Biology		

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Biology

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Chemical & Biores Engineering	NSF - National Science Foundation	Acquisition of Equipment for Multi-Disciplinary Research in Bio/Environmental Engineering	8/1/02 - 7/31/03	02408301 \$177,906
<i>Investigators/Collaborators:</i>				
Wickramasinghe,Ranil	Primary PI	Chemical & Biores Engineering		
Bhadra,Rajiv	Co-PI	Chemical & Biores Engineering		
Carlson,Jonathan O	Collaborator	Microbiology		
Carlson,Kenneth H	Collaborator	Civil Engineering		
Grainger,David W	Collaborator	Chemistry		
James,Susan P	Collaborator	Mechanical Engineering		
Linden,James C	Collaborator	Microbiology		
Pilon,Marinus	Collaborator	Biology		
Pluhar,G. Elizabeth	Collaborator	Clinical Sciences		
Ramsdell,Howard S	Collaborator	Environmental Health		
Wheeler,Donna	Collaborator	Mechanical Engineering		
Soil & Crop Sciences	NSF - National Science Foundation	Long Term Ecological Research: Shortgrass Steppe	11/1/02 - 10/31/08	02408601 \$4,680,000
<i>Investigators/Collaborators:</i>				
Kelly,Eugene F	Primary PI	Soil & Crop Sciences		
Antolin,Michael F	Co-PI	Biology		
Burke,Ingrid C	Co-PI	Forest Sciences		
Lauenroth,William K	Co-PI	Rangeland Ecosystem Science		
Morgan,Jack A	Co-PI	No Department		
Stafford,Susan G	Co-PI	Forest Sciences		

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Natural Sciences

Center For Sci, Math & Tech Ed

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
International Programs	NIIED-Nat Inst for International Ed Dev	Short-Term Professional Development Program for Korean Secondary School Science Teachers	7/1/02 - 2/28/03	02456901 \$650,264
<i>Investigators/Collaborators:</i>				
Bookin-Weiner,Jerome B	Primary PI	International Programs		
Carroll,Barry L	Collaborator	Center For Sci, Math & Tech Ed		
De Miranda,Michael A. J	Collaborator	Housing		
Gorell,Thomas A	Collaborator	Hughes Un Bio-Ctr Life Science		
Jones,Brian	Collaborator	Physics		
Jones,Christine S	Collaborator	Center For Sci, Math & Tech Ed		
Thompson,Stephen	Collaborator	Chemistry		
Yohon,Teresa I	Collaborator	School Of Education		

Chemistry

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Biochemistry & Molecular Bio	American Heart Association	Mitochondrial Glutaminase: A Novel Target for Stroke Therapy	1/1/02 - 12/31/03	02327701 \$200,000
<i>Investigators/Collaborators:</i>				
Curthoys,Norman P	Primary PI	Biochemistry & Molecular Bio		
Anderson,Oren P	Co-PI	Chemistry		
Biochemistry & Molecular Bio	American Heart Association	Mitochondrial Glutaminase: A Novel Target for Stroke Therapy	7/1/02 - 6/30/05	02405101 \$214,500
<i>Investigators/Collaborators:</i>				
Curthoys,Norman P	Primary PI	Biochemistry & Molecular Bio		
Anderson,Oren P	Co-PI	Chemistry		
Biochemistry & Molecular Bio	American Heart Association	Mitochondrial Glutaminase: A Novel Target for Stroke Therapy	7/1/02 - 6/30/05	02415601 \$110,000
<i>Investigators/Collaborators:</i>				
Curthoys,Norman P	Primary PI	Biochemistry & Molecular Bio		
Anderson,Oren P	Co-PI	Chemistry		

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Chemistry

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Chemical & Biores Engineering	NSF - National Science Foundation	A Nano-Waveguide System for Detection of Multianalytes through Binding to Nanoarrays	5/1/02 - 4/30/06	02391601 \$1,965,399
<i>Investigators/Collaborators:</i>				
Dandy,David S	Primary PI	Chemical & Biores Engineering		
Grainger,David W	Co-PI	Chemistry		
Lear,Kevin	Co-PI	Elec. & Computer Engineering		
Reardon,Kenneth F	Co-PI	Chemical & Biores Engineering		
Van Orden,Alan K	Co-PI	Chemistry		
Wilmsen,Carl W	Collaborator	Elec. & Computer Engineering		
Chemical & Biores Engineering	NSF - National Science Foundation	Acquisition of Equipment for Multi-Disciplinary Research in Bio/Environmental Engineering	8/1/02 - 7/31/03	02408301 \$177,906
<i>Investigators/Collaborators:</i>				
Wickramasinghe,Ranil	Primary PI	Chemical & Biores Engineering		
Bhadra,Rajiv	Co-PI	Chemical & Biores Engineering		
Carlson,Jonathan O	Collaborator	Microbiology		
Carlson,Kenneth H	Collaborator	Civil Engineering		
Grainger,David W	Collaborator	Chemistry		
James,Susan P	Collaborator	Mechanical Engineering		
Linden,James C	Collaborator	Microbiology		
Pilon,Marinus	Collaborator	Biology		
Pluhar,G. Elizabeth	Collaborator	Clinical Sciences		
Ramsdell,Howard S	Collaborator	Environmental Health		
Wheeler,Donna	Collaborator	Mechanical Engineering		

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Chemistry

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Chemical & Biores Engineering	HHS-NIH-Center for Scientific Review	Multianalyte Physiological Optical Waveguide Sensing	10/1/02 - 9/30/06	02448201 \$2,352,065
<i>Investigators/Collaborators:</i>				
Dandy,David S	Primary PI	Chemical & Biores Engineering		
Grainger,David W	Co-PI	Chemistry		
Lear,Kevin	Co-PI	Elec. & Computer Engineering		
Reardon,Kenneth F	Co-PI	Chemical & Biores Engineering		
Van Orden,Alan K	Co-PI	Chemistry		
Wilmsen,Carl W	Collaborator	Elec. & Computer Engineering		
Chemical & Biores Engineering	DOE - US Department of Energy	Ethylene Induction of Plant Root Protein Secretion	12/12/02 - 12/11/05	02470101 \$627,011
<i>Investigators/Collaborators:</i>				
Linden,James C	Primary PI	Micro, Imuno & Path		
Barisas,B George	Co-PI	Chemistry		
Vivanco,Jorge M	Co-PI	Horticulture & Landscape Arch		
Chemistry	NSF - National Science Foundation	Purchase of Magnetochemical Materials Analysis Instrumentation	1/1/02 - 12/31/02	02324001 \$429,998
<i>Investigators/Collaborators:</i>				
Elliott,C Michael	Primary PI	Chemistry		
Belfiore,Laurence A	Co-PI	Chemical & Biores Engineering		
Dorhout,Peter K	Co-PI	Chemistry		
Meersmann,Thomas	Co-PI	Chemistry		
Rithner,Christopher D	Co-PI	Chemistry		
Chemistry	NSF - National Science Foundation	CRC: Towards the Rational Design & Control of Plasma Generated Materials for Biocompatible Coatings	7/1/02 - 6/30/05	02390801 \$1,161,781
<i>Investigators/Collaborators:</i>				
Fisher,Ellen R	Primary PI	Chemistry		
Dandy,David S	Co-PI	Chemical & Biores Engineering		
Grainger,David W	Co-PI	Chemistry		

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Natural Sciences

Chemistry

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Chemistry	HHS-NIH-National Institutes of Health	Validating Macrophage Foreign Body Inflammatory Response	1/1/03 - 12/31/06	02472701 \$1,330,648
<i>Investigators/Collaborators:</i>				
Grainger,David W	Primary PI	Chemistry		
Hanneman,William H	Co-PI	Env & Rad Health Sci		
Howell,Mark D	Co-PI	Micro, Imuno & Path		
Civil Engineering	NSF - National Science Foundation	Modeling Nanotubular Deformation Properties: Molecules to Materials across the Periodic Table	7/1/02 - 6/30/05	02392701 \$960,119
<i>Investigators/Collaborators:</i>				
Heyliger,Paul R	Primary PI	Civil Engineering		
Leisure,Robert G	Co-PI	Physics		
Parkinson,Bruce Alan	Co-PI	Chemistry		
Rappe,Anthony K	Co-PI	Chemistry		
Elec. & Computer Engineering	NSF - National Science Foundation	Epitaxial Growth & Optoelectronic Properties of Higher Manganese Silicide Thin Films	5/1/02 - 4/30/05	02382601 \$621,224
<i>Investigators/Collaborators:</i>				
Mahan,John E	Primary PI	Elec. & Computer Engineering		
Parkinson,Bruce Alan	Co-PI	Chemistry		
Elec. & Computer Engineering	CCHE-Commission on Higher Education	Extreme Ultraviolet Center of Excellence	6/1/02 - 6/1/07	02419101 \$1,502,638
<i>Investigators/Collaborators:</i>				
Rocca,Jorge J G	Primary PI	Elec. & Computer Engineering		
Bernstein,Elliot R	Co-PI	Chemistry		
Menoni,Carmen S	Co-PI	Elec. & Computer Engineering		

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Natural Sciences

Chemistry

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
International Programs	NIIED-Nat Inst for International Ed Dev	Short-Term Professional Development Program for Korean Secondary School Science Teachers	7/1/02 - 2/28/03	02456901 \$650,264
<i>Investigators/Collaborators:</i>				
Bookin-Weiner,Jerome B	Primary PI	International Programs		
Carroll,Barry L	Collaborator	Center For Sci, Math & Tech Ed		
De Miranda,Michael A. J	Collaborator	Housing		
Gorell,Thomas A	Collaborator	Hughes Un Bio-Ctr Life Science		
Jones,Brian	Collaborator	Physics		
Jones,Christine S	Collaborator	Center For Sci, Math & Tech Ed		
Thompson,Stephen	Collaborator	Chemistry		
Yohon,Teresa I	Collaborator	School Of Education		

Physics	NSF - National Science Foundation	High Pressure Study of Complex Electronic Materials Characterized by Strong Coupling between Charge, Spin, & ...	5/1/02 - 4/30/05	02331201 \$682,657
<i>Investigators/Collaborators:</i>				

Hochheimer,Hans D	Primary PI	Physics		
Dorhout,Peter K	Collaborator	Chemistry		

Computer Science

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Biology	NSF - National Science Foundation	Enhancement & Evaluation of a System for In Vivo Imaging of Gene Expression	12/15/01 - 12/14/03	02328301 \$420,143
<i>Investigators/Collaborators:</i>				
Medford,June I	Primary PI	Biology		
Beveridge,J Ross	Co-PI	Computer Science		

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Natural Sciences

Computer Science

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Biology	NSF - National Science Foundation	Instrumentation for Producing in vivo Three-Dimensional Genomic-Scale Databases	1/2/02 - 1/1/05	02355801 \$1,005,703
<i>Investigators/Collaborators:</i>				
Medford,June I	Primary PI	Biology		
Alciatore,David	Co-PI	Mechanical Engineering		
Beveridge,J Ross	Co-PI	Computer Science		
Computer Science	NSF - National Science Foundation	Geometric Pattern Analysis & Mental Task Design for a Brain-Computer Interface	6/15/02 - 6/15/06	02388001 \$721,125
<i>Investigators/Collaborators:</i>				
Anderson,Charles	Primary PI	Computer Science		
Kirby,Michael J	Co-PI	Mathematics		
Computer Science	NSF - National Science Foundation	Software Engineering Research Repository	8/16/02 - 8/15/06	02438201 \$1,198,951
<i>Investigators/Collaborators:</i>				
France,Robert	Primary PI	Computer Science		
Alexander,Roger T	Co-PI	Computer Science		
Bieman,James M	Co-PI	Computer Science		
Turk,Daniel E	Co-PI	Computer Information Systems		
Elec. & Computer Engineering	NSF - National Science Foundation	Clustering & Binning of Submicron IC's Using Analog Attributes	4/1/02 - 3/31/05	02375801 \$361,473
<i>Investigators/Collaborators:</i>				
Jayasumana,M A Anura	Primary PI	Elec. & Computer Engineering		
Malaiya,Yashwant K	Co-PI	Computer Science		

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Computer Science

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Environmental Health	HHS-NIH-National Institutes of Health	Computer Modeling: Biology of Combination Chemotherapies	7/1/02 - 6/30/05	02367001 \$675,337
<i>Investigators/Collaborators:</i>				
Yang,Raymond S H	Primary PI	Environmental Health		
Andersen,Melvin E	Co-PI	Environmental Health		
Belisle,John T	Co-PI	Microbiology		
Campain,Julie A	Co-PI	Environmental Health		
Reisfeld,Bradley	Co-PI	Environmental Health		
Whitley,L Darrell	Co-PI	Computer Science		
Mechanical Engineering	NSF - National Science Foundation	Robust Recurrent Reinforcement Learning (R3L) Control for Building Energy Systems	5/1/02 - 4/30/05	02357401 \$852,206
<i>Investigators/Collaborators:</i>				
Hittle,Douglas C	Primary PI	Mechanical Engineering		
Anderson,Charles	Co-PI	Computer Science		
Young,Peter	Co-PI	Elec. & Computer Engineering		
Music, Theatre & Dance	HHS-NIH-National Institutes of Health	Brain Oscillations During Verbal Working Memory	12/1/02 - 11/30/04	02411301 \$145,000
<i>Investigators/Collaborators:</i>				
Thaut,Michael H	Primary PI	Music, Theatre & Dance		
Anderson,Charles	Collaborator	Computer Science		
Delosh,Edward L	Collaborator	Psychology		
Music, Theatre & Dance	HHS-NIH-National Institutes of Health	Data Mining the Neural Dynamics of Cognition	4/1/03 - 3/31/05	02467201 \$290,000
<i>Investigators/Collaborators:</i>				
Thaut,Michael H	Primary PI	Music, Theatre & Dance		
Anderson,Charles	Collaborator	Computer Science		
Delosh,Edward L	Collaborator	Psychology		
Whitley,L Darrell	Collaborator	Computer Science		

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Computer Science

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Natural Resource Ecology Lab	NSF - National Science Foundation	Computer Science & Analytical Advancements for Earth System Analysis	6/1/02 - 5/31/06	02380001 \$4,989,892

Investigators/Collaborators:

Ojima,Dennis	Primary PI	Natural Resource Ecology Lab
Bieman,James M	Co-PI	Computer Science
Mckeown,Rebecca	Co-PI	Natural Resource Ecology Lab
Vukicevic,Tomislava	Co-PI	CIRA

Mathematics

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Atmospheric Science	NSF - National Science Foundation	Pattern Theoretical Techniques for the Analysis of Hurricane Intensity	8/15/02 - 8/14/05	02422901 \$964,423

Investigators/Collaborators:

Montgomery,Michael T	Primary PI	Atmospheric Science
Kirby,Michael J	Co-PI	Mathematics

Computer Science	NSF - National Science Foundation	Geometric Pattern Analysis & Mental Task Design for a Brain-Computer Interface	6/15/02 - 6/15/06	02388001 \$721,125
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Investigators/Collaborators:

Anderson,Charles	Primary PI	Computer Science
Kirby,Michael J	Co-PI	Mathematics

Natural Resource Ecology Lab	DOC-NOAA-Natl Oceanic & Atmospheric Admn	Data Assimilation & Adaptive Error Control for a Next Generation Biosphere Model	7/1/02 - 6/30/05	02446201 \$447,991
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Investigators/Collaborators:

Ojima,Dennis	Primary PI	Natural Resource Ecology Lab
Estep,Donald J	Co-PI	Mathematics

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Physics

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Civil Engineering	NSF - National Science Foundation	Research Experiences for Undergraduates (REU) Site: Studies in Vibration & Sound	5/28/02 - 5/27/05	02344501 \$299,898
<i>Investigators/Collaborators:</i>				
Heyliger,Paul R	Primary PI	Civil Engineering		
Hartnagel,Bryan	Co-PI	Civil Engineering		
Leisure,Robert G	Collaborator	Physics		
Radford,Donald W	Collaborator	Mechanical Engineering		
Civil Engineering	NSF - National Science Foundation	Modeling Nanotubular Deformation Properties: Molecules to Materials across the Periodic Table	7/1/02 - 6/30/05	02392701 \$960,119
<i>Investigators/Collaborators:</i>				
Heyliger,Paul R	Primary PI	Civil Engineering		
Leisure,Robert G	Co-PI	Physics		
Parkinson,Bruce Alan	Co-PI	Chemistry		
Rappe,Anthony K	Co-PI	Chemistry		
Dean Of Engineering	NSF - National Science Foundation	Colorado Math & Science Partnership (CO- MSP)	10/1/02 - 9/30/07	02452201 \$24,078,073
<i>Investigators/Collaborators:</i>				
Elhakim,Omnia	Primary PI	Dean Of Engineering		
Gorell,Thomas A	Co-PI	Hughes Un Bio-Ctr Life Science		
Jones,Brian	Co-PI	Physics		
International Programs	NIIED-Nat Inst for International Ed Dev	Short-Term Professional Development Program for Korean Secondary School Science Teachers	7/1/02 - 2/28/03	02456901 \$650,264
<i>Investigators/Collaborators:</i>				
Bookin-Weiner,Jerome B	Primary PI	International Programs		
Carroll,Barry L	Collaborator	Center For Sci, Math & Tech Ed		
De Miranda,Michael A. J	Collaborator	Housing		
Gorell,Thomas A	Collaborator	Hughes Un Bio-Ctr Life Science		
Jones,Brian	Collaborator	Physics		
Jones,Christine S	Collaborator	Center For Sci, Math & Tech Ed		
Thompson,Stephen	Collaborator	Chemistry		
Yohon,Teresa I	Collaborator	School Of Education		

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Physics

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Physics	NSF - National Science Foundation	High Pressure Study of Complex Electronic Materials Characterized by Strong Coupling between Charge, Spin, & ...	5/1/02 - 4/30/05	02331201 \$682,657
<i>Investigators/Collaborators:</i>				
Hochheimer,Hans D	Primary PI	Physics		
Dorhout,Peter K	Collaborator	Chemistry		
Physics	DOE - US Department of Energy	Tuning of Piezoelectric Fields & Their Effect on the Optical & Electrical Properties of Active Emitters Materials to ...	10/1/02 - 9/30/06	02444301 \$716,627
<i>Investigators/Collaborators:</i>				
Hochheimer,Hans D	Primary PI	Physics		
Menoni,Carmen S	Co-PI	Elec. & Computer Engineering		
Radiological Health Sciences	DOD-DTRA-Defense Threat Reduction Agency	Development of a Neutron Detector for Rapid Screening of Fissile Materials Concealed in Baggage & Shipping ...	11/1/02 - 10/31/04	02469401 \$857,497
<i>Investigators/Collaborators:</i>				
Borak,Thomas B	Primary PI	Env & Rad Health Sci		
Warner,David	Collaborator	Physics		

Psychology

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Computer Information Systems	DOD-ARPA-Advanced Research Proj. Agency	Multi-Modal Support for Augmented Cognition	10/1/01 - 12/31/02	02352601 \$442,067
<i>Investigators/Collaborators:</i>				
Smith,Charles A.P	Primary PI	Computer Information Systems		
Clegg,Benjamin A	Co-PI	Psychology		
Young,Peter	Co-PI	Elec. & Computer Engineering		
Dean Of Applied Human Sciences	HHS-ADA-Administration on Aging	Establishing Elder Care Networks & Training Savvy Caregivers in Rural Areas	1/1/02 - 12/31/04	02335901 \$448,816
<i>Investigators/Collaborators:</i>				
Bell,Paul A	Primary PI	Psychology		
Barber,Clifton E	Collaborator	Human Dev & Family Studies		

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Psychology

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Dean Of Applied Human Sciences	Womens Foundation of Colorado	Measuring Girls' Life Skills Programs: Self-Efficacy & Locus of Control	8/1/02 - 7/1/04	02444001 \$138,793
<i>Investigators/Collaborators:</i>				
Asmus,Cheryl L	Primary PI	Dean Of Applied Human Sciences		
Elias,Steven M	Co-PI	Psychology		
Dean Of Applied Human Sciences	EPA - Environmental Protection Agency	Combining Psychological & Economic Methods to Improve Understanding of Factors Determining Adults'Valuation of...	7/1/02 - 6/30/05	02454401 \$399,538
<i>Investigators/Collaborators:</i>				
Asmus,Cheryl L	Primary PI	Dean Of Applied Human Sciences		
Bell,Paul A	Co-PI	Psychology		
Loomis,John B	Co-PI	Agric & Resource Economics		
Marketing	University of Colorado	Preventing Tobacco Use in Rural Towns: Community-Based Media	7/1/02 - 6/30/05	02392201 \$732,473
<i>Investigators/Collaborators:</i>				
Kelly,Kathleen J	Primary PI	Marketing		
Edwards,Ruth W	Co-PI	Psychology		
Music, Theatre & Dance	HHS-NIH-National Institutes of Health	Brain Oscillations During Verbal Working Memory	12/1/02 - 11/30/04	02411301 \$145,000
<i>Investigators/Collaborators:</i>				
Thaut,Michael H	Primary PI	Music, Theatre & Dance		
Anderson,Charles	Collaborator	Computer Science		
Delosh,Edward L	Collaborator	Psychology		
Music, Theatre & Dance	HHS-NIH-National Institutes of Health	Data Mining the Neural Dynamics of Cognition	4/1/03 - 3/31/05	02467201 \$290,000
<i>Investigators/Collaborators:</i>				
Thaut,Michael H	Primary PI	Music, Theatre & Dance		
Anderson,Charles	Collaborator	Computer Science		
Delosh,Edward L	Collaborator	Psychology		
Whitley,L Darrell	Collaborator	Computer Science		

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Psychology

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Psychology	NSF - National Science Foundation	Ownership of Small Technology Businesses: Comparisons of Female & Male Majority & Minority Routes to Ownership	7/31/02 - 8/31/05	02375901 \$873,299
<i>Investigators/Collaborators:</i>				
James,Keith	Primary PI	Psychology		
Sarason,Yolanda	Co-PI	Management		
Psychology	AFSP-Amer Foundtn for Suicide Prevention	Beliefs & Attitudes about Gender & Suicide among European American & Hispanic Older Adults	7/1/02 - 6/30/04	02390201 \$99,989
<i>Investigators/Collaborators:</i>				
Canetto,Silvia Sara	Primary PI	Psychology		
Asmus,Cheryl L	Co-PI	Dean Of Applied Human Sciences		

Statistics

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Biology	EPA - Environmental Protection Agency	A National Framework for Ecohydrologic Regime Classification	10/1/02 - 9/30/05	02407601 \$595,485
<i>Investigators/Collaborators:</i>				
Poff,N. Leroy	Primary PI	Biology		
Bledsoe,Brian	Co-PI	Civil Engineering		
Hoeting,Jennifer A	Co-PI	Statistics		
Ramirez,Jorge A	Co-PI	Civil Engineering		
Natural Resource Ecology Lab	NSF - National Science Foundation	The Interplay of Humans & Wildlife on Savanna Landscapes	6/1/02 - 5/31/06	02399301 \$166,172
<i>Investigators/Collaborators:</i>				
Hobbs,N. Thompson	Primary PI	Natural Resource Ecology Lab		
Chapman,Phillip Lee	Co-PI	Statistics		

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Statistics

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Natural Resource Ecology Lab	EPA - Environmental Protection Agency	National Agricultural Soil Carbon Inventory & IPCC Good Practices Guidelines: Project Workplan & Deliverables	6/1/02 - 5/31/03	02455801 \$80,000
<i>Investigators/Collaborators:</i>				
Paustian,Keith H	Primary PI	Soil & Crop Sciences		
Breidt,F.Jay	Collaborator	Statistics		

No College

No Department

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Soil & Crop Sciences	NSF - National Science Foundation	Long Term Ecological Research: Shortgrass Steppe	11/1/02 - 10/31/08	02408601 \$4,680,000
<i>Investigators/Collaborators:</i>				
Kelly,Eugene F	Primary PI	Soil & Crop Sciences		
Antolin,Michael F	Co-PI	Biology		
Burke,Ingrid C	Co-PI	Forest Sciences		
Lauenroth,William K	Co-PI	Rangeland Ecosystem Science		
Morgan,Jack A	Co-PI	No Department		
Stafford,Susan G	Co-PI	Forest Sciences		

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Other

Agric Experiment Station

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Horticulture & Landscape Arch	Colorado Department of Agriculture	Colorado Specialty Crops Program	1/1/02 - 12/31/06	02384001 \$1,500,000
<i>Investigators/Collaborators:</i>				
Wallner,Stephen J	Primary PI	Horticulture & Landscape Arch		
Rewerts,Milan A	Collaborator	Cooperative Extension		
Sommers,Lee E	Collaborator	Agric Experiment Station		

Arkansas Valley Research Ctr

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Bioagriculturl Sci & Pest Mgmt	USDA - US Department of Agriculture	Effects of Cultural Practices & Cropping System on Xanthomas	7/1/02 - 6/30/05	02391001 \$146,611
<i>Investigators/Collaborators:</i>				
Schwartz,Howard F	Primary PI	Bioagriculturl Sci & Pest Mgmt		
Bartolo,Michael E	Collaborator	Arkansas Valley Research Ctr		
Franc,Gary D	Collaborator	Bioagriculturl Sci & Pest Mgmt		
Ishimaru,Carol A	Collaborator	Bioagriculturl Sci & Pest Mgmt		
Bioagriculturl Sci & Pest Mgmt	USDA - US Department of Agriculture	Integrated Management of Xanthomonas Leaf Blight of Onion	7/1/02 - 6/30/05	02420701 \$515,741
<i>Investigators/Collaborators:</i>				
Schwartz,Howard F	Primary PI	Bioagriculturl Sci & Pest Mgmt		
Bartolo,Michael E	Collaborator	Arkansas Valley Research Ctr		
Franc,Gary D	Collaborator	Bioagriculturl Sci & Pest Mgmt		
Ishimaru,Carol A	Collaborator	Bioagriculturl Sci & Pest Mgmt		
Khosla,Raj	Collaborator	Soil & Crop Sciences		
Mcdonald,Sandra K	Collaborator	Bioagriculturl Sci & Pest Mgmt		

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Other

Colorado State Forest Svc-Csu

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Animal Sciences	USDA - US Department of Agriculture	Creation of a Sustainable, Diversified Small Acreage Production Research & Demonstration Area	10/1/02 - 10/1/05	02369301 \$71,287
<i>Investigators/Collaborators:</i>				
Zalesky,Douglas D	Primary PI	San Juan Basin Research Center		
Mallow,Kevin L	Co-PI	Cooperative Extension		
Grant,D Kent	Collaborator	Colorado State Forest Svc-Csu		
Lashell,Beth A.S	Collaborator	San Juan Basin Research Center		
Vlaming,Gregory L	Collaborator	Cooperative Extension		

Cooperative Extension

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Animal Sciences	USDA - US Department of Agriculture	Creation of a Sustainable, Diversified Small Acreage Production Research & Demonstration Area	10/1/02 - 10/1/05	02369301 \$71,287
<i>Investigators/Collaborators:</i>				
Zalesky,Douglas D	Primary PI	San Juan Basin Research Center		
Mallow,Kevin L	Co-PI	Cooperative Extension		
Grant,D Kent	Collaborator	Colorado State Forest Svc-Csu		
Lashell,Beth A.S	Collaborator	San Juan Basin Research Center		
Vlaming,Gregory L	Collaborator	Cooperative Extension		

Bioagricultur l Sci & Pest Mgmt	USDA-CSREES-Coop State Rsrch Edu & Ext	Extending Irrigated Alfalfa Stand Life by Alteration of Late-Season Harvest Schedules	10/1/02 - 9/30/05	02364201 \$64,223
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Investigators/Collaborators:

Hammon,Robert W	Primary PI	Western Colorado Research Ctr		
Cooley,Aubrey Wayne	Collaborator	Cooperative Extension		
Hooten,Thomas M	Collaborator	Southwestern Colorado Res Ctr		
Larsen,Harold J	Collaborator	Western Colorado Research Ctr		
Sharp,Rodney L	Collaborator	Cooperative Extension		
Smith,Kenneth W	Collaborator	Cooperative Extension		
Stack,Mark W	Collaborator	Southwestern Colorado Res Ctr		

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Other

Cooperative Extension

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Bioagricultural Sci & Pest Mgmt	Colorado Endowment for the Humanities	Visions of Agriculture	9/1/02 - 11/1/02	02432201 \$4,940
<i>Investigators/Collaborators:</i>				
Zimdahl,Robert L	Primary PI	Bioagricultural Sci & Pest Mgmt		
Day,Richard	Collaborator	Cooperative Extension		
Williams,Ronald G	Collaborator	Philosophy		
Cooperative Extension	HHS-OS-OPHS-Office of Population Affairs	DARE to BE You Family Based Prevention of Teen Pregnancy	9/30/02 - 9/29/03	02429001 \$249,935
<i>Investigators/Collaborators:</i>				
Miller-Heyl,Janet L	Primary PI	Cooperative Extension		
Macphee,David L	Co-PI	Human Dev & Family Studies		
Cooperative Extension	EPA - Environmental Protection Agency	Using Degree Day Models to Reduce or Optimize Insecticide Use	4/1/02 - 12/31/04	02448101 \$51,660
<i>Investigators/Collaborators:</i>				
Gebre-Amlak,Assefa	Primary PI	Cooperative Extension		
Peairs,Frank B	Co-PI	Bioagricultural Sci & Pest Mgmt		
Cooperative Extension	HHS-CDC-Centers for Disease Control	DARE to be You Bridge Program in Montezuma County & Navajo Nation	9/30/02 - 9/29/05	02449901 \$1,291,604
<i>Investigators/Collaborators:</i>				
Miller-Heyl,Janet L	Primary PI	Cooperative Extension		
Macphee,David L	Co-PI	Human Dev & Family Studies		
Cooperative Extension	HHS-CDC-Centers for Disease Control	Multi-level Intervention to Prevent Child Abuse	9/30/02 - 9/29/07	03481401 \$7,038,355
<i>Investigators/Collaborators:</i>				
Miller-Heyl,Janet L	Primary PI	Cooperative Extension		
Biringen,Zeynep C	Co-PI	Human Dev & Family Studies		
Macphee,David L	Co-PI	Human Dev & Family Studies		

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Inter-departmental Proposals Submitted July 1, 2001 - June 30, 2002*

Other

Cooperative Extension

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Horticulture & Landscape Arch	Colorado Department of Agriculture	Colorado Specialty Crops Program	1/1/02 - 12/31/06	02384001 \$1,500,000

Investigators/Collaborators:

Wallner,Stephen J	Primary PI	Horticulture & Landscape Arch
Rewerts,Milan A	Collaborator	Cooperative Extension
Sommers,Lee E	Collaborator	Agric Experiment Station

Food Services

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Journalism & Technical Comm	HHS-NIH-National Institutes of Health	Website Prevention of College Binge Drinking	1/9/02 - 8/30/07	02411701 \$1,330,373

Investigators/Collaborators:

Zimmerman,Donald E	Primary PI	Journalism & Technical Comm
Slater,Michael D	Co-PI	Journalism & Technical Comm
Mccracken,Amanda L	Collaborator	Food Services

Housing

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
International Programs	NIIED-Nat Inst for International Ed Dev	Short-Term Professional Development Program for Korean Secondary School Science Teachers	7/1/02 - 2/28/03	02456901 \$650,264

Investigators/Collaborators:

Bookin-Weiner,Jerome B	Primary PI	International Programs
Carroll,Barry L	Collaborator	Center For Sci, Math & Tech Ed
De Miranda,Michael A. J	Collaborator	Housing
Gorell,Thomas A	Collaborator	Hughes Un Bio-Ctr Life Science
Jones,Brian	Collaborator	Physics
Jones,Christine S	Collaborator	Center For Sci, Math & Tech Ed
Thompson,Stephen	Collaborator	Chemistry
Yohon,Teresa I	Collaborator	School Of Education

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Other

Housing

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
<i>Hughes Un Bio-Ctr Life Science</i>				

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Dean Of Engineering	NSF - National Science Foundation	Colorado Math & Science Partnership (CO-MSP)	10/1/02 - 9/30/07	02452201 \$24,078,073

Investigators/Collaborators:

Elhakim,Omnia	Primary PI	Dean Of Engineering
Gorell,Thomas A	Co-PI	Hughes Un Bio-Ctr Life Science
Jones,Brian	Co-PI	Physics

International Programs	NIIED-Nat Inst for International Ed Dev	Short-Term Professional Development Program for Korean Secondary School Science Teachers	7/1/02 - 2/28/03	02456901 \$650,264
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Investigators/Collaborators:

Bookin-Weiner,Jerome B	Primary PI	International Programs
Carroll,Barry L	Collaborator	Center For Sci, Math & Tech Ed
De Miranda,Michael A. J	Collaborator	Housing
Gorell,Thomas A	Collaborator	Hughes Un Bio-Ctr Life Science
Jones,Brian	Collaborator	Physics
Jones,Christine S	Collaborator	Center For Sci, Math & Tech Ed
Thompson,Stephen	Collaborator	Chemistry
Yohon,Teresa I	Collaborator	School Of Education

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Other

International Programs

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
International Programs	NIIED-Nat Inst for International Ed Dev	Short-Term Professional Development Program for Korean Secondary School Science Teachers	7/1/02 - 2/28/03	02456901 \$650,264
<i>Investigators/Collaborators:</i>				
Bookin-Weiner,Jerome B	Primary PI	International Programs		
Carroll,Barry L	Collaborator	Center For Sci, Math & Tech Ed		
De Miranda,Michael A. J	Collaborator	Housing		
Gorell,Thomas A	Collaborator	Hughes Un Bio-Ctr Life Science		
Jones,Brian	Collaborator	Physics		
Jones,Christine S	Collaborator	Center For Sci, Math & Tech Ed		
Thompson,Stephen	Collaborator	Chemistry		
Yohon,Teresa I	Collaborator	School Of Education		
International Programs	DOS - US Department of State	Development of Multimedia Instructional Capabilities in Benin: Application to Casting/Foundry Training	11/1/02 - 3/31/04	02471501 \$149,659
<i>Investigators/Collaborators:</i>				
Bookin-Weiner,Jerome B	Primary PI	International Programs		
Willson,Bryan D	Co-PI	Mechanical Engineering		
Denney,Martha Annette	Collaborator	International Programs		
Hirchi,Mohammed	Collaborator	Foreign Languages & Literature		
Kling,Robert W	Collaborator	Economics		
Schaeffer,Steven Lewis	Collaborator	Mechanical Engineering		
Vogl,Mary B	Collaborator	Foreign Languages & Literature		

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Other

San Juan Basin Research Center

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Animal Sciences	USDA - US Department of Agriculture	Creation of a Sustainable, Diversified Small Acreage Production Research & Demonstration Area	10/1/02 - 10/1/05	02369301 \$71,287
<i>Investigators/Collaborators:</i>				
Zalesky,Douglas D	Primary PI	San Juan Basin Research Center		
Mallow,Kevin L	Co-PI	Cooperative Extension		
Grant,D Kent	Collaborator	Colorado State Forest Svc-Csu		
Lashell,Beth A.S	Collaborator	San Juan Basin Research Center		
Vlaming,Gregory L	Collaborator	Cooperative Extension		
San Juan Basin Research Center	USDA-CSREES-Coop State Rsrch Edu & Ext	Demonstration of Sustainable, Diversified Small Acreage Production	10/1/03 - 9/30/06	02471601 \$63,607
<i>Investigators/Collaborators:</i>				
Zalesky,Douglas D	Primary PI	San Juan Basin Research Center		

Southwestern Colorado Res Ctr

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Bioagriculturl Sci & Pest Mgmt	USDA-CSREES-Coop State Rsrch Edu & Ext	Extending Irrigated Alfalfa Stand Life by Alteration of Late-Season Harvest Schedules	10/1/02 - 9/30/05	02364201 \$64,223
<i>Investigators/Collaborators:</i>				
Hammon,Robert W	Primary PI	Western Colorado Research Ctr		
Cooley,Aubrey Wayne	Collaborator	Cooperative Extension		
Hooten,Thomas M	Collaborator	Southwestern Colorado Res Ctr		
Larsen,Harold J	Collaborator	Western Colorado Research Ctr		
Sharp,Rodney L	Collaborator	Cooperative Extension		
Smith,Kenneth W	Collaborator	Cooperative Extension		
Stack,Mark W	Collaborator	Southwestern Colorado Res Ctr		
Southwestern Colorado Res Ctr	USDA-CSREES-Coop State Rsrch Edu & Ext	Development & Promotion of Sustainable Dryland Cropping Systems	1/1/03 - 1/1/05	02470601 \$149,915
<i>Investigators/Collaborators:</i>				
Berrada,Abdelfettah	Primary PI	Southwestern Colorado Res Ctr		

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Other

Western Colorado Research Ctr

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Bioagricultural Sci & Pest Mgmt	USDA-CSREES-Coop State Rsrch Edu & Ext	Extending Irrigated Alfalfa Stand Life by Alteration of Late-Season Harvest Schedules	10/1/02 - 9/30/05	02364201 \$64,223
<i>Investigators/Collaborators:</i>				
Hammon,Robert W	Primary PI	Western Colorado Research Ctr		
Cooley,Aubrey Wayne	Collaborator	Cooperative Extension		
Hooten,Thomas M	Collaborator	Southwestern Colorado Res Ctr		
Larsen,Harold J	Collaborator	Western Colorado Research Ctr		
Sharp,Rodney L	Collaborator	Cooperative Extension		
Smith,Kenneth W	Collaborator	Cooperative Extension		
Stack,Mark W	Collaborator	Southwestern Colorado Res Ctr		
Bioagricultural Sci & Pest Mgmt	USDA-CSREES-Coop State Rsrch Edu & Ext	Integrating Control Strategies for Grape Powdery Mildew	7/1/02 - 6/30/04	02385901 \$38,660
<i>Investigators/Collaborators:</i>				
Norton,Andrew P	Primary PI	Bioagricultural Sci & Pest Mgmt		
Caspari,Horst W	Collaborator	Horticulture & Landscape Arch		
Larsen,Harold J	Collaborator	Western Colorado Research Ctr		

Vet. Medicine & Biomedical Sciences

Anatomy & Neurobiology

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Anatomy & Neurobiology	HHS-NIH-National Institutes of Health	Effects of Lead Metal Mixture on Cognitive Development	12/1/02 - 11/30/06	02408001 \$1,438,417
<i>Investigators/Collaborators:</i>				
Magnusson,Kathy	Primary PI	Anatomy & Neurobiology		
Yang,Raymond S H	Collaborator	Environmental Health		

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Inter-departmental Proposals Submitted July 1, 2001 - June 30, 2002*

Vet. Medicine & Biomedical Sciences

Anatomy & Neurobiology

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Anatomy & Neurobiology	US Department of Education	Online Upper Division Science Partnership	9/1/02 - 8/30/05	02430901 \$453,377
<i>Investigators/Collaborators:</i>				
McConnell, Sherry	Primary PI	Anatomy & Neurobiology		
Bowen, Richard A	Co-PI	Physiology		
Schoenfeld, Regina M	Co-PI	Dean Of Vet Medicine		
Jones, Robert L	Collaborator	Microbiology		
Schultheiss, Patricia C	Collaborator	Pathology		
Anatomy & Neurobiology	HHS-NIH-National Institutes of Health	Hypoglycemia May Potentiate Diabetic Retinal Cell Death	9/30/02 - 9/29/05	02431601 \$754,500
<i>Investigators/Collaborators:</i>				
Madl, James E	Primary PI	Anatomy & Neurobiology		
Gionfriddo, Juliet R	Collaborator	Clinical Sciences		
Handa, Robert J	Collaborator	Anatomy & Neurobiology		
Ishii, Douglas N	Collaborator	Physiology		
Clinical Sciences	American Coll of Veterinary Ophthalmol.	American College of Veterinary Ophthalmologist	2/1/02 - 1/31/03	02409601 \$2,850
<i>Investigators/Collaborators:</i>				
Gionfriddo, Juliet R	Primary PI	Clinical Sciences		
Madl, James E	Collaborator	Anatomy & Neurobiology		
McIlnay, Tonya R	Collaborator	Clinical Sciences		
Powell, Cynthia C	Collaborator	Clinical Sciences		
Royer, Suzanne	Collaborator	Anatomy & Neurobiology		
Clinical Sciences	American Coll of Veterinary Ophthalmol.	Retinal Damage in Glaucoma: Mechanisms of Glutamate Release & Selective Ganglion Cell Loss	2/1/02 - 1/31/03	02415701 \$1,948
<i>Investigators/Collaborators:</i>				
Gionfriddo, Juliet R	Primary PI	Clinical Sciences		
Madl, James E	Collaborator	Anatomy & Neurobiology		
McIlnay, Tonya R	Collaborator	Clinical Sciences		
Powell, Cynthia C	Collaborator	Clinical Sciences		
Royer, Suzanne	Collaborator	Anatomy & Neurobiology		

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Vet. Medicine & Biomedical Sciences

Anatomy & Neurobiology

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Environmental Health	NSF - National Science Foundation	CRCNS: Perinatal Perturbation of Synaptic Plasticity: PBPK/PD & Reaction Network Modeling	1/1/03 - 12/31/07	02410401 \$2,507,164
<i>Investigators/Collaborators:</i>				
Yang,Raymond S H	Primary PI	Environmental Health		
Belisle,John T	Co-PI	Microbiology		
Dudek,F Edward	Co-PI	Anatomy & Neurobiology		
Reisfeld,Bradley	Co-PI	Environmental Health		
Slayden,Richard A	Co-PI	Microbiology		
Physiology	Juvenile Diabetes Foundation	Diabetic Neurological Complications	7/1/02 - 6/30/05	02418901 \$535,766
<i>Investigators/Collaborators:</i>				
Ishii,Douglas N	Primary PI	Physiology		
Magnusson,Kathy	Collaborator	Anatomy & Neurobiology		
Physiology	HHS-NIH-National Institutes of Health	Diabetic Neurological Complications (Pilot)	9/30/02 - 9/29/04	02430201 \$571,097
<i>Investigators/Collaborators:</i>				
Ishii,Douglas N	Primary PI	Physiology		
Magnusson,Kathy	Collaborator	Anatomy & Neurobiology		

Clinical Sciences

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Anatomy & Neurobiology	HHS-NIH-National Institutes of Health	Hypoglycemia May Potentiate Diabetic Retinal Cell Death	9/30/02 - 9/29/05	02431601 \$754,500
<i>Investigators/Collaborators:</i>				
Madl,James E	Primary PI	Anatomy & Neurobiology		
Gionfriddo,Juliet R	Collaborator	Clinical Sciences		
Handa,Robert J	Collaborator	Anatomy & Neurobiology		
Ishii,Douglas N	Collaborator	Physiology		

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Inter-departmental Proposals Submitted July 1, 2001 - June 30, 2002*

Vet. Medicine & Biomedical Sciences

Clinical Sciences

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Animal Sciences	CCHE-Commission on Higher Education	Bio-Waste Disposal & Utilization in Colorado	1/1/03 - 12/31/03	02421301 \$59,853
<i>Investigators/Collaborators:</i>				
Scanga,John A	Primary PI	Animal Sciences		
Belk,Keith	Co-PI	Animal Sciences		
Sofos,John N	Co-PI	Animal Sciences		
Garry,Franklyn B	Collaborator	Clinical Sciences		
Koontz,Stephen R	Collaborator	Agric & Resource Economics		
Umberger,Wendy J	Collaborator	Agric & Resource Economics		
Chemical & Biores Engineering	NSF - National Science Foundation	Acquisition of Equipment for Multi-Disciplinary Research in Bio/Environmental Engineering	8/1/02 - 7/31/03	02408301 \$177,906
<i>Investigators/Collaborators:</i>				
Wickramasinghe,Ranil	Primary PI	Chemical & Biores Engineering		
Bhadra,Rajiv	Co-PI	Chemical & Biores Engineering		
Carlson,Jonathan O	Collaborator	Microbiology		
Carlson,Kenneth H	Collaborator	Civil Engineering		
Grainger,David W	Collaborator	Chemistry		
James,Susan P	Collaborator	Mechanical Engineering		
Linden,James C	Collaborator	Microbiology		
Pilon,Marinus	Collaborator	Biology		
Pluhar,G. Elizabeth	Collaborator	Clinical Sciences		
Ramsdell,Howard S	Collaborator	Environmental Health		
Wheeler,Donna	Collaborator	Mechanical Engineering		
Clinical Sciences	Grayson-Jockey Club Research Foundation	Development of a Rapid Diagnostic Test for Strangles in Horses	4/1/02 - 3/30/03	02361101 \$18,139
<i>Investigators/Collaborators:</i>				
Traub-Dargatz,Josie L	Primary PI	Clinical Sciences		
Salman,M D	Co-PI	Environmental Health		

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Vet. Medicine & Biomedical Sciences

Clinical Sciences

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Clinical Sciences	American Coll of Veterinary Ophthalmol.	American College of Veterinary Ophthalmologist	2/1/02 - 1/31/03	02409601 \$2,850
<i>Investigators/Collaborators:</i>				
Gionfriddo,Juliet R	Primary PI	Clinical Sciences		
Madl,James E	Collaborator	Anatomy & Neurobiology		
Mcilnay,Tonya R	Collaborator	Clinical Sciences		
Powell,Cynthia C	Collaborator	Clinical Sciences		
Royer,Suzanne	Collaborator	Anatomy & Neurobiology		
Clinical Sciences	American Heart Association	Does Cerebral Hypoxemia Induce Pulmonary Edema in Dogs?	7/1/02 - 6/30/04	02412101 \$70,096
<i>Investigators/Collaborators:</i>				
Monnet,Eric	Primary PI	Clinical Sciences		
Irwin,David C	Collaborator	Physiology		
Clinical Sciences	University of Colorado	New Therapy for Metastatic Lung Cancer	4/1/02 - 3/31/05	02415401 \$93,949
<i>Investigators/Collaborators:</i>				
Dernell,William S	Primary PI	Clinical Sciences		
Powers,Barbara E	Co-PI	Pathology		
Withrow,Stephen J	Co-PI	Clinical Sciences		
Clinical Sciences	American Coll of Veterinary Ophthalmol.	Retinal Damage in Glaucoma: Mechanisms of Glutamate Release & Selective Ganglion Cell Loss	2/1/02 - 1/31/03	02415701 \$1,948
<i>Investigators/Collaborators:</i>				
Gionfriddo,Juliet R	Primary PI	Clinical Sciences		
Madl,James E	Collaborator	Anatomy & Neurobiology		
Mcilnay,Tonya R	Collaborator	Clinical Sciences		
Powell,Cynthia C	Collaborator	Clinical Sciences		
Royer,Suzanne	Collaborator	Anatomy & Neurobiology		

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Vet. Medicine & Biomedical Sciences

Clinical Sciences

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Clinical Sciences	Morris Animal Foundation	Adynamic Cardiomyoplasty for the Treatment of Naturally Occurring Dilated Cardiomyopathy of Dogs	7/1/02 - 6/30/05	02438401 \$178,806
<i>Investigators/Collaborators:</i>				
Monnet, Eric	Primary PI	Clinical Sciences		
Bright, Janice M	Co-PI	Clinical Sciences		
Gaynor, James S	Co-PI	Clinical Sciences		
Hackett, Timothy B	Co-PI	Clinical Sciences		
Orton, E Christopher	Co-PI	Clinical Sciences		
Salman, M D	Co-PI	Environmental Health		
Clinical Sciences	Morris Animal Foundation	Evaluation of Fertility Control Agents for Wild Horses on Public Lands	7/1/02 - 6/30/05	02439601 \$191,147
<i>Investigators/Collaborators:</i>				
Mccue, Patrick M	Primary PI	Clinical Sciences		
Clinical Sciences	HHS-NIH-National Institutes of Health	Effects of Dietary Cation-Anion Difference on Bone	1/1/03 - 1/1/07	02466301 \$3,480,981
<i>Investigators/Collaborators:</i>				
Macleay, Jennifer M	Primary PI	Clinical Sciences		
Wheeler, Donna	Co-PI	Mechanical Engineering		
Billinghurst, R. Clark	Collaborator	Clinical Sciences		
Turner, Anthony Simon	Collaborator	Clinical Sciences		
Environmental Health	HHS-NIH-NCI-National Cancer Institute	Angiogenesis in Osteosarcoma: A Molecular Switch Model	6/1/02 - 5/31/07	02361001 \$673,314
<i>Investigators/Collaborators:</i>				
Pott, Wendy A	Primary PI	Environmental Health		
Withrow, Stephen J	Collaborator	Clinical Sciences		
Yang, Raymond S H	Collaborator	Environmental Health		

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Vet. Medicine & Biomedical Sciences

Clinical Sciences

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Mechanical Engineering	Stryker Biotech	Delivery of osteogenic protein-1 (OP-1) in Enhanced Cement: An Ovine Tibial Osteotomy Study	9/1/01 - 8/30/02	02350001 \$135,555
<i>Investigators/Collaborators:</i>				
Wheeler, Donna	Primary PI	Mechanical Engineering		
Pluhar, G. Elizabeth	Collaborator	Clinical Sciences		
Turner, Anthony Simon	Collaborator	Clinical Sciences		
Mechanical Engineering	University of Florida	Biomimetic Bone	1/1/03 - 12/31/07	02411501 \$1,248,474
<i>Investigators/Collaborators:</i>				
Wheeler, Donna	Primary PI	Mechanical Engineering		
Pluhar, G. Elizabeth	Co-PI	Clinical Sciences		
Mechanical Engineering	Stryker Biotech	Osteogenic Protein-1 (OP-1) in Instrumented & Noninstrumented Lumbar Fusion in Sheep	4/1/02 - 4/1/03	02428701 \$254,762
<i>Investigators/Collaborators:</i>				
Wheeler, Donna	Primary PI	Mechanical Engineering		
Turner, Anthony Simon	Collaborator	Clinical Sciences		
Radiological Health Sciences	CCHE-Commission on Higher Education	Comparative Oncology Program of Excellence	7/1/02 - 6/30/07	02412601 \$1,137,428
<i>Investigators/Collaborators:</i>				
Ullrich, Robert L	Primary PI	Radiological Health Sciences		
Benjamin, Stephen A	Collaborator	Pathology		
Reif, John S	Collaborator	Environmental Health		
Withrow, Stephen J	Collaborator	Clinical Sciences		
Radiological Health Sciences	Morris Animal Foundation	Radiation Therapy as an Adjuvant to Chemotherapy for the Treatment of Canine Lymphoma	4/1/02 - 3/31/05	02439401 \$300,834
<i>Investigators/Collaborators:</i>				
Larue, Susan M	Primary PI	Radiological Health Sciences		
Gustafson, Nancy	Collaborator	Vet Teaching Hospital		
Lana, Susan E	Collaborator	Clinical Sciences		

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Vet. Medicine & Biomedical Sciences

Dean Of Vet Medicine

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Anatomy & Neurobiology	US Department of Education	Online Upper Division Science Partnership	9/1/02 - 8/30/05	02430901 \$453,377

Investigators/Collaborators:

McConnell, Sherry	Primary PI	Anatomy & Neurobiology
Bowen, Richard A	Co-PI	Physiology
Schoenfeld, Regina M	Co-PI	Dean Of Vet Medicine
Jones, Robert L	Collaborator	Microbiology
Schultheiss, Patricia C	Collaborator	Pathology

Env & Rad Health Sci

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Chemistry	HHS-NIH-National Institutes of Health	Validating Macrophage Foreign Body Inflammatory Response	1/1/03 - 12/31/06	02472701 \$1,330,648

Investigators/Collaborators:

Grainger, David W	Primary PI	Chemistry
Hanneman, William H	Co-PI	Env & Rad Health Sci
Howell, Mark D	Co-PI	Micro, Imuno & Path

Environmental Health	HHS-NIH-National Institutes of Health	ROPS Design & Testing for Pre-Rops Tractors	10/1/02 - 9/30/05	02461701 \$543,750
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Investigators/Collaborators:

Reynolds, Stephen J	Primary PI	Env & Rad Health Sci
Liu, Juhua	Co-PI	Civil Engineering

Environmental Health	HHS-NIH-National Institutes of Health	Identification of Novel TCDD-Induced Developmental Genes	4/1/03 - 3/31/08	02468901 \$1,208,427
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Investigators/Collaborators:

Hanneman, William H	Primary PI	Env & Rad Health Sci
Legare, Marie E	Co-PI	Env & Rad Health Sci
Mason, Gary L	Collaborator	Micro, Imuno & Path

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Vet. Medicine & Biomedical Sciences

Env & Rad Health Sci

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Occupational Therapy	HHS-CDC-Centers for Disease Control	Community Action for Migrant Child Injury Prevention	9/30/02 - 9/29/05	02451101 \$244,087
<i>Investigators/Collaborators:</i>				
Sample,Pat L	Primary PI	Occupational Therapy		
Stallones,Lorann	Collaborator	Env & Rad Health Sci		
Radiological Health Sciences	DOD-DTRA-Defense Threat Reduction Agency	Development of a Neutron Detector for Rapid Screening of Fissile Materials Concealed in Baggage & Shipping ...	11/1/02 - 10/31/04	02469401 \$857,497
<i>Investigators/Collaborators:</i>				
Borak,Thomas B	Primary PI	Env & Rad Health Sci		
Warner,David	Collaborator	Physics		

Environmental Health

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Anatomy & Neurobiology	HHS-NIH-National Institutes of Health	Effects of Lead Metal Mixture on Cognitive Development	12/1/02 - 11/30/06	02408001 \$1,438,417
<i>Investigators/Collaborators:</i>				
Magnusson,Kathy	Primary PI	Anatomy & Neurobiology		
Yang,Raymond S H	Collaborator	Environmental Health		
Chemical & Biores Engineering	USDA - US Department of Agriculture	Determining the Fate & Metabolism of Agricultural Antibiotics & the Potential for Managed Vegetative Disposal of . . .	9/1/02 - 8/31/05	02381101 \$234,500
<i>Investigators/Collaborators:</i>				
Bhadra,Rajiv	Primary PI	Chemical & Biores Engineering		
Ramsdell,Howard S	Collaborator	Environmental Health		

*Includes all projects identified by the primary Principal Investigator as inter-departmental on the Sponsored Project Approval Form (SP-1).

Inter-departmental Proposals Submitted July 1, 2001 - June 30, 2002*

Vet. Medicine & Biomedical Sciences

Environmental Health

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Chemical & Biores Engineering	NSF - National Science Foundation	Acquisition of Equipment for Multi-Disciplinary Research in Bio/Environmental Engineering	8/1/02 - 7/31/03	02408301 \$177,906
<i>Investigators/Collaborators:</i>				
Wickramasinghe,Ranil	Primary PI	Chemical & Biores Engineering		
Bhadra,Rajiv	Co-PI	Chemical & Biores Engineering		
Carlson,Jonathan O	Collaborator	Microbiology		
Carlson,Kenneth H	Collaborator	Civil Engineering		
Grainger,David W	Collaborator	Chemistry		
James,Susan P	Collaborator	Mechanical Engineering		
Linden,James C	Collaborator	Microbiology		
Pilon,Marinus	Collaborator	Biology		
Pluhar,G. Elizabeth	Collaborator	Clinical Sciences		
Ramsdell,Howard S	Collaborator	Environmental Health		
Wheeler,Donna	Collaborator	Mechanical Engineering		
Chemical & Biores Engineering	NSF - National Science Foundation	Metabolic & Genetic Control of Gene Expression on the Genomic & Proteomic Level for Metabolically Engineered Zymomonas..	8/15/02 - 8/14/05	02433501 \$999,235
<i>Investigators/Collaborators:</i>				
Karim,M Nazmul	Primary PI	Chemical & Biores Engineering		
Hanneman,William H	Co-PI	Environmental Health		
Reardon,Kenneth F	Co-PI	Chemical & Biores Engineering		
Clinical Sciences	Grayson-Jockey Club Research Foundation	Development of a Rapid Diagnostic Test for Strangles in Horses	4/1/02 - 3/30/03	02361101 \$18,139
<i>Investigators/Collaborators:</i>				
Traub-Dargatz,Josie L	Primary PI	Clinical Sciences		
Salman,M D	Co-PI	Environmental Health		

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Inter-departmental Proposals Submitted July 1, 2001 - June 30, 2002*

Vet. Medicine & Biomedical Sciences

Environmental Health

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Clinical Sciences	Morris Animal Foundation	Adynamic Cardiomyoplasty for the Treatment of Naturally Occurring Dilated Cardiomyopathy of Dogs	7/1/02 - 6/30/05	02438401 \$178,806
<i>Investigators/Collaborators:</i>				
Monnet, Eric	Primary PI	Clinical Sciences		
Bright, Janice M	Co-PI	Clinical Sciences		
Gaynor, James S	Co-PI	Clinical Sciences		
Hackett, Timothy B	Co-PI	Clinical Sciences		
Orton, E Christopher	Co-PI	Clinical Sciences		
Salman, M D	Co-PI	Environmental Health		
Environmental Health	HHS-FDA-Food & Drug Administration	Bovine Spongiform Encephalopathy Specified Risk Materials in Meat Products in the United States of America	10/1/01 - 9/30/02	02323601 \$119,834
<i>Investigators/Collaborators:</i>				
Salman, M D	Primary PI	Environmental Health		
Hossner, Kim L	Co-PI	Animal Sciences		
Schmidt, Glenn R	Co-PI	Animal Sciences		
Environmental Health	EPA - Environmental Protection Agency	The Cellular & Molecular Basis of All or None Switching: A Novel Approach to Biologically Based Modeling & Risk ...	1/1/02 - 12/31/04	02355301 \$730,215
<i>Investigators/Collaborators:</i>				
Hanneman, William H	Primary PI	Environmental Health		
Andersen, Melvin E	Collaborator	Environmental Health		
Environmental Health	HHS-NIH-NCI-National Cancer Institute	Angiogenesis in Osteosarcoma: A Molecular Switch Model	6/1/02 - 5/31/07	02361001 \$673,314
<i>Investigators/Collaborators:</i>				
Pott, Wendy A	Primary PI	Environmental Health		
Withrow, Stephen J	Collaborator	Clinical Sciences		
Yang, Raymond S H	Collaborator	Environmental Health		

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Inter-departmental Proposals Submitted July 1, 2001 - June 30, 2002*

Vet. Medicine & Biomedical Sciences

Environmental Health

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Environmental Health	HHS-NIH-National Institutes of Health	Computer Modeling: Biology of Combination Chemotherapies	7/1/02 - 6/30/05	02367001 \$675,337
<i>Investigators/Collaborators:</i>				
Yang,Raymond S H	Primary PI	Environmental Health		
Andersen,Melvin E	Co-PI	Environmental Health		
Belisle,John T	Co-PI	Microbiology		
Campain,Julie A	Co-PI	Environmental Health		
Reisfeld,Bradley	Co-PI	Environmental Health		
Whitley,L Darrell	Co-PI	Computer Science		
Environmental Health	NSF - National Science Foundation	CRCNS: Perinatal Perturbation of Synaptic Plasticity: PBPK/PD & Reaction Network Modeling	1/1/03 - 12/31/07	02410401 \$2,507,164
<i>Investigators/Collaborators:</i>				
Yang,Raymond S H	Primary PI	Environmental Health		
Belisle,John T	Co-PI	Microbiology		
Dudek,F Edward	Co-PI	Anatomy & Neurobiology		
Reisfeld,Bradley	Co-PI	Environmental Health		
Slayden,Richard A	Co-PI	Microbiology		
Environmental Health	HHS-NIH-National Institutes of Health	Developing a Quantitative Proteomic Tool	9/1/02 - 8/31/04	02420801 \$424,729
<i>Investigators/Collaborators:</i>				
Yang,Raymond S H	Primary PI	Environmental Health		
Belisle,John T	Co-PI	Microbiology		
Environmental Health	HHS-NIH-National Institutes of Health	HI-CAHS Regionalization Through State Health & Safety Specialists	12/1/02 - 11/30/05	02432601 \$1,021,194
<i>Investigators/Collaborators:</i>				
Buchan,Roy M	Primary PI	Environmental Health		
Buchan,Victoria	Co-PI	Social Work		

*Includes all projects identified by the primary Principal Investigator as inter-departmental on the Sponsored Project Approval Form (SP-1).

Inter-departmental Proposals Submitted July 1, 2001 - June 30, 2002*

Vet. Medicine & Biomedical Sciences

Environmental Health

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Radiological Health Sciences	CCHE-Commission on Higher Education	Comparative Oncology Program of Excellence	7/1/02 - 6/30/07	02412601 \$1,137,428

Investigators/Collaborators:

Ullrich,Robert L	Primary PI	Radiological Health Sciences
Benjamin,Stephen A	Collaborator	Pathology
Reif,John S	Collaborator	Environmental Health
Withrow,Stephen J	Collaborator	Clinical Sciences

Micro, Imuno & Path

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Chemical & Biores Engineering	DOE - US Department of Energy	Ethylene Induction of Plant Root Protein Secretion	12/12/02 - 12/11/05	02470101 \$627,011

Investigators/Collaborators:

Linden,James C	Primary PI	Micro, Imuno & Path
Barisas,B George	Co-PI	Chemistry
Vivanco,Jorge M	Co-PI	Horticulture & Landscape Arch

Chemistry	HHS-NIH-National Institutes of Health	Validating Macrophage Foreign Body Inflammatory Response	1/1/03 - 12/31/06	02472701 \$1,330,648
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Investigators/Collaborators:

Grainger,David W	Primary PI	Chemistry
Hanneman,William H	Co-PI	Env & Rad Health Sci
Howell,Mark D	Co-PI	Micro, Imuno & Path

Environmental Health	HHS-NIH-National Institutes of Health	Identification of Novel TCDD-Induced Developmental Genes	4/1/03 - 3/31/08	02468901 \$1,208,427
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Investigators/Collaborators:

Hanneman,William H	Primary PI	Env & Rad Health Sci
Legare,Marie E	Co-PI	Env & Rad Health Sci
Mason,Gary L	Collaborator	Micro, Imuno & Path

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Vet. Medicine & Biomedical Sciences

Micro, Imuno & Path

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Microbiology	HHS-NIH-NIAID-Allergy & Infect Diseases	Densoviruses for Control of Mosquito-borne Disease	1/1/03 - 12/31/08	02473601 \$2,745,370

Investigators/Collaborators:

Carlson,Jonathan O	Primary PI	Micro, Imuno & Path
Beaty,Barry J	Co-PI	Micro, Imuno & Path
Afanasiev,Boris N	Collaborator	Micro, Imuno & Path
Black,William C Iv	Collaborator	Micro, Imuno & Path
Suchman,Erica L	Collaborator	Micro, Imuno & Path
Wickramasinghe,Ranil	Collaborator	Chemical & Bioes Engineering

Microbiology

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Anatomy & Neurobiology	US Department of Education	Online Upper Division Science Partnership	9/1/02 - 8/30/05	02430901 \$453,377

Investigators/Collaborators:

Mcconnell,Sherry	Primary PI	Anatomy & Neurobiology
Bowen,Richard A	Co-PI	Physiology
Schoenfeld,Regina M	Co-PI	Dean Of Vet Medicine
Jones,Robert L	Collaborator	Microbiology
Schultheiss,Patricia C	Collaborator	Pathology

Chemical & Bioes Engineering	NSF - National Science Foundation	Plant Secondary Metabolite Formation Regulated by Ethylene & Methyl Jasmonate	2/2/02 - 2/1/05	02324201 \$398,569
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Investigators/Collaborators:

Linden,James C	Primary PI	Microbiology
Reddy,Anireddy S N	Co-PI	Biology

*Includes all projects identified by the primary Principal Investigator as inter-departmental on the Sponsored Project Approval Form (SP-1).

Inter-departmental Proposals Submitted July 1, 2001 - June 30, 2002*

Vet. Medicine & Biomedical Sciences

Microbiology

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Chemical & Biores Engineering	NSF - National Science Foundation	Acquisition of Equipment for Multi-Disciplinary Research in Bio/Environmental Engineering	8/1/02 - 7/31/03	02408301 \$177,906
<i>Investigators/Collaborators:</i>				
Wickramasinghe,Ranil	Primary PI	Chemical & Biores Engineering		
Bhadra,Rajiv	Co-PI	Chemical & Biores Engineering		
Carlson,Jonathan O	Collaborator	Microbiology		
Carlson,Kenneth H	Collaborator	Civil Engineering		
Grainger,David W	Collaborator	Chemistry		
James,Susan P	Collaborator	Mechanical Engineering		
Linden,James C	Collaborator	Microbiology		
Pilon,Marinus	Collaborator	Biology		
Pluhar,G. Elizabeth	Collaborator	Clinical Sciences		
Ramsdell,Howard S	Collaborator	Environmental Health		
Wheeler,Donna	Collaborator	Mechanical Engineering		
Environmental Health	HHS-NIH-National Institutes of Health	Computer Modeling: Biology of Combination Chemotherapies	7/1/02 - 6/30/05	02367001 \$675,337
<i>Investigators/Collaborators:</i>				
Yang,Raymond S H	Primary PI	Environmental Health		
Andersen,Melvin E	Co-PI	Environmental Health		
Belisle,John T	Co-PI	Microbiology		
Campaign,Julie A	Co-PI	Environmental Health		
Reisfeld,Bradley	Co-PI	Environmental Health		
Whitley,L Darrell	Co-PI	Computer Science		
Environmental Health	NSF - National Science Foundation	CRCNS: Perinatal Perturbation of Synaptic Plasticity: PBPK/PD & Reaction Network Modeling	1/1/03 - 12/31/07	02410401 \$2,507,164
<i>Investigators/Collaborators:</i>				
Yang,Raymond S H	Primary PI	Environmental Health		
Belisle,John T	Co-PI	Microbiology		
Dudek,F Edward	Co-PI	Anatomy & Neurobiology		
Reisfeld,Bradley	Co-PI	Environmental Health		
Slayden,Richard A	Co-PI	Microbiology		

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Inter-departmental Proposals Submitted July 1, 2001 - June 30, 2002*

Vet. Medicine & Biomedical Sciences

Microbiology

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Environmental Health	HHS-NIH-National Institutes of Health	Developing a Quantitative Proteomic Tool	9/1/02 - 8/31/04	02420801 \$424,729
<i>Investigators/Collaborators:</i>				
Yang,Raymond S H	Primary PI	Environmental Health		
Belisle,John T	Co-PI	Microbiology		
Horticulture & Landscape Arch	Cystic Fibrosis Foundation	Rosmarinic Acid : A Potent anti- Pseudomonas aeruginosa Drug	10/1/01 - 9/30/03	02337101 \$86,400
<i>Investigators/Collaborators:</i>				
Vivanco,Jorge M	Primary PI	Horticulture & Landscape Arch		
Schweizer,Herbert P	Co-PI	Microbiology		
Microbiology	USDA - US Department of Agriculture	Phytase for Animal Feed Supplementation	10/1/02 - 9/30/05	02391301 \$487,776
<i>Investigators/Collaborators:</i>				
Linden,James C	Primary PI	Microbiology		
Henk,Linda L	Co-PI	Chemical & Biores Engineering		
Tengerdy, Robert	Co-PI	Microbiology		
Microbiology	Univ. of Texas Medical Branch/Galveston.	United States Based Collaboration in Emerging Viral & Prion Diseases	9/27/02 - 9/26/09	02424301 \$6,889,392
<i>Investigators/Collaborators:</i>				
Beaty,Barry J	Primary PI	Microbiology		
Black,William C Iv	Co-PI	Microbiology		
Blair,Carol D	Co-PI	Microbiology		
Bowen,Richard A	Co-PI	Physiology		
Calisher,Charles H	Co-PI	Microbiology		
Carlson,Jonathan O	Co-PI	Microbiology		
Olson,Kenneth E	Co-PI	Microbiology		
Hutcheson,Harry Joel	Collaborator	Bioagriculturl Sci & Pest Mgmt		

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Inter-departmental Proposals Submitted July 1, 2001 - June 30, 2002*

Vet. Medicine & Biomedical Sciences

Pathology

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Anatomy & Neurobiology	US Department of Education	Online Upper Division Science Partnership	9/1/02 - 8/30/05	02430901 \$453,377
<i>Investigators/Collaborators:</i>				
McConnell, Sherry	Primary PI	Anatomy & Neurobiology		
Bowen, Richard A	Co-PI	Physiology		
Schoenfeld, Regina M	Co-PI	Dean Of Vet Medicine		
Jones, Robert L	Collaborator	Microbiology		
Schultheiss, Patricia C	Collaborator	Pathology		
Clinical Sciences	University of Colorado	New Therapy for Metastatic Lung Cancer	4/1/02 - 3/31/05	02415401 \$93,949
<i>Investigators/Collaborators:</i>				
Dernell, William S	Primary PI	Clinical Sciences		
Powers, Barbara E	Co-PI	Pathology		
Withrow, Stephen J	Co-PI	Clinical Sciences		
Mechanical Engineering	NASA - Natl Aeronautics & Space Admin.	Examination of Anti-Resorptive & Anabolic Treatments on Spaceflight Induced Osteoporosis	10/1/02 - 9/30/06	02408101 \$672,685
<i>Investigators/Collaborators:</i>				
Bateman, Ted A	Primary PI	Mechanical Engineering		
Norrdin, Robert W	Collaborator	Pathology		
Sinske, Steve	Collaborator	Mechanical Engineering		
Radiological Health Sciences	CCHE-Commission on Higher Education	Comparative Oncology Program of Excellence	7/1/02 - 6/30/07	02412601 \$1,137,428
<i>Investigators/Collaborators:</i>				
Ullrich, Robert L	Primary PI	Radiological Health Sciences		
Benjamin, Stephen A	Collaborator	Pathology		
Reif, John S	Collaborator	Environmental Health		
Withrow, Stephen J	Collaborator	Clinical Sciences		

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Inter-departmental Proposals Submitted July 1, 2001 - June 30, 2002*

Vet. Medicine & Biomedical Sciences

Physiology

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Anatomy & Neurobiology	US Department of Education	Online Upper Division Science Partnership	9/1/02 - 8/30/05	02430901 \$453,377
<i>Investigators/Collaborators:</i>				
Mcconnell,Sherry	Primary PI	Anatomy & Neurobiology		
Bowen,Richard A	Co-PI	Physiology		
Schoenfeld,Regina M	Co-PI	Dean Of Vet Medicine		
Jones,Robert L	Collaborator	Microbiology		
Schultheiss,Patricia C	Collaborator	Pathology		
Anatomy & Neurobiology	HHS-NIH-National Institutes of Health	Hypoglycemia May Potentiate Diabetic Retinal Cell Death	9/30/02 - 9/29/05	02431601 \$754,500
<i>Investigators/Collaborators:</i>				
Madl,James E	Primary PI	Anatomy & Neurobiology		
Gionfriddo,Juliet R	Collaborator	Clinical Sciences		
Handa,Robert J	Collaborator	Anatomy & Neurobiology		
Ishii,Douglas N	Collaborator	Physiology		
Clinical Sciences	American Heart Association	Does Cerebral Hypoxemia Induce Pulmonary Edema in Dogs?	7/1/02 - 6/30/04	02412101 \$70,096
<i>Investigators/Collaborators:</i>				
Monnet,Eric	Primary PI	Clinical Sciences		
Irwin,David C	Collaborator	Physiology		
Microbiology	Univ. of Texas Medical Branch/Galveston.	United States Based Collaboration in Emerging Viral & Prion Diseases	9/27/02 - 9/26/09	02424301 \$6,889,392
<i>Investigators/Collaborators:</i>				
Beaty,Barry J	Primary PI	Microbiology		
Black,William C Iv	Co-PI	Microbiology		
Blair,Carol D	Co-PI	Microbiology		
Bowen,Richard A	Co-PI	Physiology		
Calisher,Charles H	Co-PI	Microbiology		
Carlson,Jonathan O	Co-PI	Microbiology		
Olson,Kenneth E	Co-PI	Microbiology		
Hutcheson,Harry Joel	Collaborator	Bioagriculturl Sci & Pest Mgmt		

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Inter-departmental Proposals Submitted July 1, 2001 - June 30, 2002*

Vet. Medicine & Biomedical Sciences

Physiology

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Physiology	Juvenile Diabetes Foundation	Diabetic Neurological Complications	7/1/02 - 6/30/05	02418901 \$535,766
<i>Investigators/Collaborators:</i>				
Ishii,Douglas N	Primary PI	Physiology		
Magnusson,Kathy	Collaborator	Anatomy & Neurobiology		
Physiology	HHS-NIH-National Institutes of Health	Diabetic Neurological Complications (Pilot)	9/30/02 - 9/29/04	02430201 \$571,097
<i>Investigators/Collaborators:</i>				
Ishii,Douglas N	Primary PI	Physiology		
Magnusson,Kathy	Collaborator	Anatomy & Neurobiology		

Radiological Health Sciences

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Radiological Health Sciences	CCHE-Commission on Higher Education	Comparative Oncology Program of Excellence	7/1/02 - 6/30/07	02412601 \$1,137,428
<i>Investigators/Collaborators:</i>				
Ullrich,Robert L	Primary PI	Radiological Health Sciences		
Benjamin,Stephen A	Collaborator	Pathology		
Reif,John S	Collaborator	Environmental Health		
Withrow,Stephen J	Collaborator	Clinical Sciences		
Radiological Health Sciences	Morris Animal Foundation	Radiation Therapy as an Adjuvant to Chemotherapy for the Treatment of Canine Lymphoma	4/1/02 - 3/31/05	02439401 \$300,834
<i>Investigators/Collaborators:</i>				
Larue,Susan M	Primary PI	Radiological Health Sciences		
Gustafson,Nancy	Collaborator	Vet Teaching Hospital		
Lana,Susan E	Collaborator	Clinical Sciences		

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Inter-departmental Proposals Submitted July 1, 2001 - June 30, 2002*

Vet. Medicine & Biomedical Sciences

Vet Teaching Hospital

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Key #</u> <u>\$Amount</u>
Radiological Health Sciences	Morris Animal Foundation	Radiation Therapy as an Adjuvant to Chemotherapy for the Treatment of Canine Lymphoma	4/1/02 - 3/31/05	02439401 \$300,834
<i>Investigators/Collaborators:</i>				
Larue,Susan M	Primary PI	Radiological Health Sciences		
Gustafson,Nancy	Collaborator	Vet Teaching Hospital		
Lana,Susan E	Collaborator	Clinical Sciences		

*Includes all projects identified by the primary Principal Investigator as inter-departmental on the Sponsored Project Approval Form (SP-1).

Inter-departmental Awards Received

Inter-departmental Awards Received July 1, 2001 - June 30, 2002*

Sorted by Primary PI

Project Number	Primary PI	Administering Department	Sponsor	Total
7634	Buchan,Roy M	Environmental Health	HHS-CDC-Centers for Disease Control	\$116,422.00
0546	Burleigh,Joan M	Elec. & Computer Engineering	School of Mines	\$57,700.00
8734	Cheng,Anthony S	Forest Sciences	USDA - US Department of Agriculture	\$9,500.00
1385	Cotton,Scott E	Cooperative Extension	Utah State University	\$54,500.00
9014	Ellis,James	Natural Resource Ecology Lab	University of California at Davis	\$37,681.00
7714	Florant,Gregory L	Biology	HHS-NIH-National Institutes of Health	\$143,788.00
2069	Hufbauer,Ruth A	Bioagricultur Sci & Pest Mgmt	USDA-ARS-Agricultural Research Service	\$66,000.00
8782	Jacobi,William R	Bioagricultur Sci & Pest Mgmt	USDA - US Department of Agriculture	\$78,000.00
8782	Jacobi,William R	Bioagricultur Sci & Pest Mgmt	USDA - US Department of Agriculture	\$81,000.00
5055	Loftis,Jim C	Civil Engineering	Various "Non-Profit" Sponsors	\$4,000.00
5055	Loftis,Jim C	Civil Engineering	Various "Non-Profit" Sponsors	\$12,000.00
1412	Loftis,Jim C	Civil Engineering	USDA-CSREES-Coop State Rsrch Edu & Ex	\$399,500.00
7622	Morley,Paul S	Environmental Health	HHS-FDA-Food & Drug Administration	\$196,518.00
1472	Norton,Andrew P	Bioagricultur Sci & Pest Mgmt	USDA-CSREES-Coop State Rsrch Edu & Ex	\$38,660.00
2184	Peairs,Frank B	Bioagricultur Sci & Pest Mgmt	USDA-ARS-Agricultural Research Service	\$10,700.00
7636	Reisfeld,Bradley	Environmental Health	HHS-NIH-National Institutes of Health	\$127,825.00
1461	Robb,James G	Cooperative Extension	USDA-CSRS-SRG-Special Research Grants	\$172,779.00
1461	Robb,James G	Cooperative Extension	USDA-CSRS-SRG-Special Research Grants	\$183,456.00
7654	Seiz,Robert	Social Work	HHS-CDC-Centers for Disease Control	\$56,738.00
5152	Wilkins-Wells,John Reese	Civil Engineering	Soldier Canyon Filter Plant	\$5,000.00
5147	Wilkins-Wells,John Reese	Civil Engineering	St. Vrain & Left Hand Water Cons. Dist.	\$1,500.00
0527	Wilkins-Wells,John Reese	Civil Engineering	Colorado State Water Conservation Board	\$136,131.00
2206	Wohl,Ellen E	Earth Resources	University of Wyoming	\$68,425.00

*Includes all projects identified by the primary Principal Investigator as inter-departmental on the Sponsored Project Approval Form (SP-1).

See the following pages for a detail breakdown

Inter-departmental Awards Received July 1, 2001 - June 30, 2002*

Agricultural Sciences

Bioagricultural Sci & Pest Mgmt

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Proi #</u> <u>\$Amount</u>
Bioagricultural Sci & Pest Mgmt	USDA-ARS-Agricultural Research Service	Genetic Character of Knapweeds in Eurasia	10/1/01 - 7/30/03	2069 \$66,000
<i>Investigators/Collaborators:</i>				
Hufbauer,Ruth A	Primary PI	Bioagricultural Sci & Pest Mgmt		
Henk,Shanna C	Co-PI	Biology		
Bioagricultural Sci & Pest Mgmt	USDA - US Department of Agriculture	Landscape Scale Hazard Rating for White Pine Blister Rust	9/25/01 - 9/30/04	8782 \$78,000
<i>Investigators/Collaborators:</i>				
Jacobi,William R	Primary PI	Bioagricultural Sci & Pest Mgmt		
Cipra,Jan E	Collaborator	Soil & Crop Sciences		
Reich,Robin M	Collaborator	Forest Sciences		
Bioagricultural Sci & Pest Mgmt	USDA - US Department of Agriculture	Landscape Scale Hazard Rating for White Pine Blister Rust	9/25/01 - 9/30/05	8782 \$81,000
<i>Investigators/Collaborators:</i>				
Jacobi,William R	Primary PI	Bioagricultural Sci & Pest Mgmt		
Cipra,Jan E	Collaborator	Soil & Crop Sciences		
Reich,Robin M	Collaborator	Forest Sciences		
Bioagricultural Sci & Pest Mgmt	USDA-CSREES-Coop State Rsrch Edu & Ext	Integrating Control Strategies for Grape Powdery Mildew	7/1/02 - 6/30/04	1472 \$38,660
<i>Investigators/Collaborators:</i>				
Norton,Andrew P	Primary PI	Bioagricultural Sci & Pest Mgmt		
Caspari,Horst W	Collaborator	Horticulture & Landscape Arch		
Larsen,Harold J	Collaborator	Western Colorado Research Ctr		
Bioagricultural Sci & Pest Mgmt	USDA-ARS-Agricultural Research Service	Biologically Intensive Areawide Integrated Pest Management of Russian Wheat Aphid & Greenbug	10/1/01 - 9/30/06	2184 \$10,700
<i>Investigators/Collaborators:</i>				
Peairs,Frank B	Primary PI	Bioagricultural Sci & Pest Mgmt		
Holtzer,Thomas O	Co-PI	Bioagricultural Sci & Pest Mgmt		
Peterson,Gary	Co-PI	Mechanical Engineering		

*Includes all projects identified by the primary Principal Investigator as inter-departmental on the Sponsored Project Approval Form (SP-1).

Inter-departmental Awards Received July 1, 2001 - June 30, 2002*

Agricultural Sciences

Horticulture & Landscape Arch

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Proi #</u> <u>\$Amount</u>
Bioagricultur Sci & Pest Mgmt	USDA-CSREES-Coop State Rsrch Edu & Ext	Integrating Control Strategies for Grape Powdery Mildew	7/1/02 - 6/30/04	1472 \$38,660

Investigators/Collaborators:

Norton, Andrew P	Primary PI	Bioagricultur Sci & Pest Mgmt
Caspari, Horst W	Collaborator	Horticulture & Landscape Arch
Larsen, Harold J	Collaborator	Western Colorado Research Ctr

Soil & Crop Sciences

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Proi #</u> <u>\$Amount</u>
Bioagricultur Sci & Pest Mgmt	USDA - US Department of Agriculture	Landscape Scale Hazard Rating for White Pine Blister Rust	9/25/01 - 9/30/04	8782 \$78,000

Investigators/Collaborators:

Jacobi, William R	Primary PI	Bioagricultur Sci & Pest Mgmt
Cipra, Jan E	Collaborator	Soil & Crop Sciences
Reich, Robin M	Collaborator	Forest Sciences

Bioagricultur Sci & Pest Mgmt	USDA - US Department of Agriculture	Landscape Scale Hazard Rating for White Pine Blister Rust	9/25/01 - 9/30/05	8782 \$81,000
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Investigators/Collaborators:

Jacobi, William R	Primary PI	Bioagricultur Sci & Pest Mgmt
Cipra, Jan E	Collaborator	Soil & Crop Sciences
Reich, Robin M	Collaborator	Forest Sciences

*Includes all projects identified by the primary Principal Investigator as inter-departmental on the Sponsored Project Approval Form (SP-1).

Inter-departmental Awards Received July 1, 2001 - June 30, 2002*

Agricultural Sciences

Soil & Crop Sciences

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Proj #</u> <u>\$Amount</u>
Civil Engineering	USDA-CSREES-Coop State Rsrch Edu & Ext	Selenium in the Upper Colorado River Basin: Public Education & Remediation	9/15/01 - 9/30/04	1412 \$399,500
<i>Investigators/Collaborators:</i>				
Loftis,Jim C	Primary PI	Civil Engineering		
Brown,Karla A	Co-PI	Cooperative Extension		
Garcia,Luis	Co-PI	Civil Engineering		
Broner,Israel	Collaborator	Civil Engineering		
Heil,Dean M	Collaborator	Soil & Crop Sciences		
Sharp,Rodney L	Collaborator	Cooperative Extension		
Waskom,Reagan M	Collaborator	Soil & Crop Sciences		

Applied Human Sciences

Social Work

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Proj #</u> <u>\$Amount</u>
Social Work	HHS-CDC-Centers for Disease Control	High Plains Intermountain Center for Agricultural Health & Safety	9/30/01 - 9/29/03	7654 \$56,738
<i>Investigators/Collaborators:</i>				
Seiz,Robert	Primary PI	Social Work		

*Includes all projects identified by the primary Principal Investigator as inter-departmental on the Sponsored Project Approval Form (SP-1).

Inter-departmental Awards Received July 1, 2001 - June 30, 2002*

Engineering

Chemical & Biores Engineering

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Proi #</u> <u>\$Amount</u>
Environmental Health	HHS-NIH-National Institutes of Health	Biologically Based Reaction Network Modeling of P4502E1	8/1/01 - 7/31/06	7636 \$127,825
<i>Investigators/Collaborators:</i>				
Reisfeld,Bradley	Primary PI	Environmental Health		
Reardon,Kenneth F	Co-PI	Chemical & Biores Engineering		
Yang,Raymond S H	Co-PI	Environmental Health		

Civil Engineering

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Proi #</u> <u>\$Amount</u>
Civil Engineering	Colorado State Water Conservation Board	Assessment of the Benefits & Costs of Pressurized Dual Water Systems in Colorado	7/20/01 - 8/1/03	0527 \$136,131
<i>Investigators/Collaborators:</i>				
Wilkins-Wells,John Rees	Primary PI	Sociology		
Podmore, Terence H	Co-PI	Civil Engineering		
Civil Engineering	Various "Non-Profit" Sponsors	Eutrophication of Reservoirs on the Colorado Front Range	3/1/01 - 2/28/02	5055 \$4,000
<i>Investigators/Collaborators:</i>				
Loftis,Jim C	Primary PI	Civil Engineering		
Civil Engineering	Various "Non-Profit" Sponsors	Eutrophication of Reservoirs on the Colorado Front Range	3/1/01 - 10/31/02	5055 \$12,000
<i>Investigators/Collaborators:</i>				
Loftis,Jim C	Primary PI	Civil Engineering		

*Includes all projects identified by the primary Principal Investigator as inter-departmental on the Sponsored Project Approval Form (SP-1).

Inter-departmental Awards Received July 1, 2001 - June 30, 2002*

Engineering

Civil Engineering

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Proi #</u> <u>\$Amount</u>
Civil Engineering	USDA-CSREES-Coop State Rsrch Edu & Ext	Selenium in the Upper Colorado River Basin: Public Education & Remediation	9/15/01 - 9/30/04	1412 \$399,500

Investigators/Collaborators:

Loftis,Jim C	Primary PI	Civil Engineering
Brown,Karla A	Co-PI	Cooperative Extension
Garcia,Luis	Co-PI	Civil Engineering
Broner,Israel	Collaborator	Civil Engineering
Heil,Dean M	Collaborator	Soil & Crop Sciences
Sharp,Rodney L	Collaborator	Cooperative Extension
Waskom,Reagan M	Collaborator	Soil & Crop Sciences

Civil Engineering	St. Vrain & Left Hand Water Cons. Dist.	Assessment of the Benefits & Costs of Pressurized Dual Water Systems	7/1/01 - 6/30/02	5147 \$1,500
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Investigators/Collaborators:

Wilkins-Wells,John Rees	Primary PI	Sociology
Podmore,Terence H	Co-PI	Civil Engineering

Civil Engineering	Soldier Canyon Filter Plant	Assessment of the Benefits & Costs of Pressurized Dual Water Systems	7/1/01 - 6/30/02	5152 \$5,000
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Investigators/Collaborators:

Wilkins-Wells,John Rees	Primary PI	Sociology
Podmore,Terence H	Co-PI	Civil Engineering

Elec. & Computer Engineering

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Proi #</u> <u>\$Amount</u>
Elec. & Computer Engineering	School of Mines	Development of Acoustic Filters for Management of Binaural Asynchronies in Children & Adults	1/1/02 - 6/30/02	0546 \$57,700

Investigators/Collaborators:

Burleigh,Joan M	Primary PI	Elec. & Computer Engineering
James,Susan P	Co-PI	Mechanical Engineering

*Includes all projects identified by the primary Principal Investigator as inter-departmental on the Sponsored Project Approval Form (SP-1).

Inter-departmental Awards Received July 1, 2001 - June 30, 2002*

Engineering

Mechanical Engineering

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Proi #</u> <u>\$Amount</u>
Bioagricultural Sci & Pest Mgmt	USDA-ARS-Agricultural Research Service	Biologically Intensive Areawide Integrated Pest Management of Russian Wheat Aphid & Greenbug	10/1/01 - 9/30/06	2184 \$10,700
<i>Investigators/Collaborators:</i>				
Peairs, Frank B	Primary PI	Bioagricultural Sci & Pest Mgmt		
Holtzer, Thomas O	Co-PI	Bioagricultural Sci & Pest Mgmt		
Peterson, Gary	Co-PI	Mechanical Engineering		
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Elec. & Computer Engineering	School of Mines	Development of Acoustic Filters for Management of Binaural Asynchronies in Children & Adults	1/1/02 - 6/30/02	0546 \$57,700
<i>Investigators/Collaborators:</i>				
Burleigh, Joan M	Primary PI	Elec. & Computer Engineering		
James, Susan P	Co-PI	Mechanical Engineering		

Liberal Arts

Anthropology

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Proi #</u> <u>\$Amount</u>
Natural Resource Ecology Lab	University of California at Davis	Integrated Modeling & Assessment for Balancing Food Security, Conservation, & Ecosystem Integrity	7/1/01 - 6/30/04	9014 \$37,681
<i>Investigators/Collaborators:</i>				
Ellis, James	Primary PI	Natural Resource Ecology Lab		
Coughenour, Michael B	Co-PI	Natural Resource Ecology Lab		
Galvin, Kathleen	Co-PI	Anthropology		

*Includes all projects identified by the primary Principal Investigator as inter-departmental on the Sponsored Project Approval Form (SP-1).

Inter-departmental Awards Received July 1, 2001 - June 30, 2002*

Liberal Arts

Sociology

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Proi #</u> <u>\$Amount</u>
Civil Engineering	Colorado State Water Conservation Board	Assessment of the Benefits & Costs of Pressurized Dual Water Systems in Colorado	7/20/01 - 8/1/03	0527 \$136,131
<i>Investigators/Collaborators:</i>				
Wilkins-Wells, John Rees	Primary PI	Sociology		
Podmore, Terence H	Co-PI	Civil Engineering		
Civil Engineering	St. Vrain & Left Hand Water Cons. Dist.	Assessment of the Benefits & Costs of Pressurized Dual Water Systems	7/1/01 - 6/30/02	5147 \$1,500
<i>Investigators/Collaborators:</i>				
Wilkins-Wells, John Rees	Primary PI	Sociology		
Podmore, Terence H	Co-PI	Civil Engineering		
Civil Engineering	Soldier Canyon Filter Plant	Assessment of the Benefits & Costs of Pressurized Dual Water Systems	7/1/01 - 6/30/02	5152 \$5,000
<i>Investigators/Collaborators:</i>				
Wilkins-Wells, John Rees	Primary PI	Sociology		
Podmore, Terence H	Co-PI	Civil Engineering		

Natural Resources

Earth Resources

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Proi #</u> <u>\$Amount</u>
Earth Resources	University of Wyoming	Wetland, Aquatic & Riparian Protocols	7/20/01 - 5/31/02	2206 \$68,425
<i>Investigators/Collaborators:</i>				
Wohl, Ellen E	Primary PI	Earth Resources		
Cooper, David Jonathan	Co-PI	Earth Resources		
Poff, N. Leroy	Co-PI	Biology		

*Includes all projects identified by the primary Principal Investigator as inter-departmental on the Sponsored Project Approval Form (SP-1).

Inter-departmental Awards Received July 1, 2001 - June 30, 2002*

Natural Resources

Fish & Wildlife Biology

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Proi #</u> <u>\$Amount</u>
Cooperative Extension	Utah State University	Coached Land Planning & Care	7/1/01 - 12/31/03	1385 \$54,500
<i>Investigators/Collaborators:</i>				
Cotton,Scott E	Primary PI	Cooperative Extension		
Benson,Delwin E	Co-PI	Fish & Wildlife Biology		
Hackett,Jan J	Co-PI	Colorado State Forest Svc-Csu		

Forest Sciences

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Proi #</u> <u>\$Amount</u>
Bioagricultur Sci & Pest Mgmt	USDA - US Department of Agriculture	Landscape Scale Hazard Rating for White Pine Blister Rust	9/25/01 - 9/30/04	8782 \$78,000
<i>Investigators/Collaborators:</i>				
Jacobi,William R	Primary PI	Bioagricultur Sci & Pest Mgmt		
Cipra,Jan E	Collaborator	Soil & Crop Sciences		
Reich,Robin M	Collaborator	Forest Sciences		
Bioagricultur Sci & Pest Mgmt	USDA - US Department of Agriculture	Landscape Scale Hazard Rating for White Pine Blister Rust	9/25/01 - 9/30/05	8782 \$81,000
<i>Investigators/Collaborators:</i>				
Jacobi,William R	Primary PI	Bioagricultur Sci & Pest Mgmt		
Cipra,Jan E	Collaborator	Soil & Crop Sciences		
Reich,Robin M	Collaborator	Forest Sciences		
Forest Sciences	USDA - US Department of Agriculture	The Use of Narrative & Media Accounts as Methods for Mapping Sense of Place on National Forest Lands	9/20/01 - 5/31/03	8734 \$9,500
<i>Investigators/Collaborators:</i>				
Cheng,Antony S	Primary PI	Forest Sciences		
Champ,Joseph G	Co-PI	Nat Res Recreation & Tourism		

*Includes all projects identified by the primary Principal Investigator as inter-departmental on the Sponsored Project Approval Form (SP-1).

Inter-departmental Awards Received July 1, 2001 - June 30, 2002*

Natural Resources

Nat Res Recreation & Tourism

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Proi #</u> <u>\$Amount</u>
Forest Sciences	USDA - US Department of Agriculture	The Use of Narrative & Media Accounts as Methods for Mapping Sense of Place on National Forest Lands	9/20/01 - 5/31/03	8734 \$9,500
<i>Investigators/Collaborators:</i>				
Cheng, Antony S	Primary PI	Forest Sciences		
Champ, Joseph G	Co-PI	Nat Res Recreation & Tourism		

Natural Resource Ecology Lab

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Proi #</u> <u>\$Amount</u>
Natural Resource Ecology Lab	University of California at Davis	Integrated Modeling & Assessment for Balancing Food Security, Conservation, & Ecosystem Integrity	7/1/01 - 6/30/04	9014 \$37,681
<i>Investigators/Collaborators:</i>				
Ellis, James	Primary PI	Natural Resource Ecology Lab		
Coughenour, Michael B	Co-PI	Natural Resource Ecology Lab		
Galvin, Kathleen	Co-PI	Anthropology		

Natural Sciences

Biochemistry & Molecular Bio

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Proi #</u> <u>\$Amount</u>
Biology	HHS-NIH-National Institutes of Health	Molecular Mechanisms of Obesity & Insulin Resistance	7/1/02 - 6/30/04	7714 \$143,788
<i>Investigators/Collaborators:</i>				
Florant, Gregory L	Primary PI	Biology		
Summers, Scott A	Co-PI	Biochemistry & Molecular Bio		

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Inter-departmental Awards Received July 1, 2001 - June 30, 2002*

Natural Sciences

Biology

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Proi #</u> <u>\$Amount</u>
Bioagricultural Sci & Pest Mgmt	USDA-ARS-Agricultural Research Service	Genetic Character of Knapweeds in Eurasia	10/1/01 - 7/30/03	2069 \$66,000
<i>Investigators/Collaborators:</i>				
Hufbauer,Ruth A	Primary PI	Bioagricultural Sci & Pest Mgmt		
Henk,Shanna C	Co-PI	Biology		
Biology	HHS-NIH-National Institutes of Health	Molecular Mechanisms of Obesity & Insulin Resistance	7/1/02 - 6/30/04	7714 \$143,788
<i>Investigators/Collaborators:</i>				
Florant,Gregory L	Primary PI	Biology		
Summers,Scott A	Co-PI	Biochemistry & Molecular Bio		
Earth Resources	University of Wyoming	Wetland, Aquatic & Riparian Protocols	7/20/01 - 5/31/02	2206 \$68,425
<i>Investigators/Collaborators:</i>				
Wohl,Ellen E	Primary PI	Earth Resources		
Cooper,David Jonathan	Co-PI	Earth Resources		
Poff,N. Leroy	Co-PI	Biology		

Other

Colorado State Forest Svc-Csu

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Proi #</u> <u>\$Amount</u>
Cooperative Extension	Utah State University	Coached Land Planning & Care	7/1/01 - 12/31/03	1385 \$54,500
<i>Investigators/Collaborators:</i>				
Cotton,Scott E	Primary PI	Cooperative Extension		
Benson,Delwin E	Co-PI	Fish & Wildlife Biology		
Hackett,Jan J	Co-PI	Colorado State Forest Svc-Csu		

*Includes all projects identified by the primary Principal Investigator as inter-departmental on the Sponsored Project Approval Form (SP-1).

Inter-departmental Awards Received July 1, 2001 - June 30, 2002*

Other

Cooperative Extension

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Proi #</u> <u>\$Amount</u>
Civil Engineering	USDA-CSREES-Coop State Rsrch Edu & Ext	Selenium in the Upper Colorado River Basin: Public Education & Remediation	9/15/01 - 9/30/04	1412 \$399,500
<i>Investigators/Collaborators:</i>				
Loftis,Jim C	Primary PI	Civil Engineering		
Brown,Karla A	Co-PI	Cooperative Extension		
Garcia,Luis	Co-PI	Civil Engineering		
Broner,Israel	Collaborator	Civil Engineering		
Heil,Dean M	Collaborator	Soil & Crop Sciences		
Sharp,Rodney L	Collaborator	Cooperative Extension		
Waskom,Reagan M	Collaborator	Soil & Crop Sciences		
Cooperative Extension	USDA-CSRS-SRG-Special Research Grants	Livestock Marketing Information Center	6/1/00 - 5/31/02	1461 \$172,779
<i>Investigators/Collaborators:</i>				
Robb,James G	Primary PI	Cooperative Extension		
Cooperative Extension	USDA-CSRS-SRG-Special Research Grants	Livestock Marketing Information Center	6/1/00 - 5/31/03	1461 \$183,456
<i>Investigators/Collaborators:</i>				
Robb,James G	Primary PI	Cooperative Extension		
Cooperative Extension	Utah State University	Coached Land Planning & Care	7/1/01 - 12/31/03	1385 \$54,500
<i>Investigators/Collaborators:</i>				
Cotton,Scott E	Primary PI	Cooperative Extension		
Benson,Delwin E	Co-PI	Fish & Wildlife Biology		
Hackett,Jan J	Co-PI	Colorado State Forest Svc-Csu		

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Inter-departmental Awards Received July 1, 2001 - June 30, 2002*

Other

Western Colorado Research Ctr

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Proj #</u> <u>\$Amount</u>
Bioagricultural Sci & Pest Mgmt	USDA-CSREES-Coop State Rsrch Edu & Ext	Integrating Control Strategies for Grape Powdery Mildew	7/1/02 - 6/30/04	1472 \$38,660
<i>Investigators/Collaborators:</i>				
Norton, Andrew P	Primary PI	Bioagricultural Sci & Pest Mgmt		
Caspari, Horst W	Collaborator	Horticulture & Landscape Arch		
Larsen, Harold J	Collaborator	Western Colorado Research Ctr		

Vet. Medicine & Biomedical Sciences

Environmental Health

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Proj #</u> <u>\$Amount</u>
Environmental Health	HHS-NIH-National Institutes of Health	Biologically Based Reaction Network Modeling of P4502E1	8/1/01 - 7/31/06	7636 \$127,825
<i>Investigators/Collaborators:</i>				
Reisfeld, Bradley	Primary PI	Environmental Health		
Rearson, Kenneth F	Co-PI	Chemical & Biores Engineering		
Yang, Raymond S H	Co-PI	Environmental Health		
Environmental Health	HHS-CDC-Centers for Disease Control	High Plains Intermountain Center for Agricultural Health & Safety	9/30/01 - 9/29/03	7634 \$116,422
<i>Investigators/Collaborators:</i>				
Buchan, Roy M	Primary PI	Environmental Health		
Environmental Health	HHS-FDA-Food & Drug Administration	Antimicrobial Use & Resistance in Enteric Bacteria	9/30/00 - 9/29/03	7622 \$196,518
<i>Investigators/Collaborators:</i>				
Morley, Paul S	Primary PI	Environmental Health		
Hyatt, Doreene R	Co-PI	Microbiology		

*Includes all projects identified by the primary Principal Investigator as inter-departmental on the Sponsored Project Approval Form (SP-1).

Inter-departmental Awards Received July 1, 2001 - June 30, 2002*

Vet. Medicine & Biomedical Sciences

Microbiology

<u>Administering Department</u>	<u>Sponsor Name</u>	<u>Project Title</u>	<u>Dates</u>	<u>Proi #</u> <u>\$Amount</u>
Environmental Health	HHS-FDA-Food & Drug Administration	Antimicrobial Use & Resistance in Enteric Bacteria	9/30/00 - 9/29/03	7622 \$196,518
<i>Investigators/Collaborators:</i>				
Morley,Paul S	Primary PI	Environmental Health		
Hyatt,Doreene R	Co-PI	Microbiology		

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